



**C A T E R P I L L A R ® B A T T E R I E S**

Cross Reference Guide

**2002 EDITION**

**CATERPILLAR®**

# 2002 Battery Cross Reference Guide

## HOW TO USE THIS APPLICATION GUIDE

This guide is intended to help select the proper battery or an alternate recommendation. The application section lists the **minimum** cold cranking amps @ 0°F and the recommended and optional replacement battery part numbers. The manufacturers are listed alphabetically. For Passenger Cars, Light Trucks and Vans, the applications are listed by year and engine size. The remaining vehicles and equipment are listed by model and/or engine numbers. To assure the proper replacement battery:

1. Find the correct manufacturer.
2. Determine the year and/or model.
3. Select the correct model or engine.
4. Read across to the part number and, if applicable, an optional part number.
5. Pay close attention to any footnoted information.

If you are specifying a battery to a customer who drives in extreme weather conditions and/or has a vehicle with many electrical options, **suggest a battery with more cold cranking amps than the minimum that is listed.** Batteries with more cold cranking amps will not harm the vehicle or equipment; however, batteries with fewer cold cranking amps may fail prematurely.

## ABBREVIATIONS USED IN THIS GUIDE

AC	Air Conditioning	elec.	electric	No.	Number
A-C	Allis Chalmers	eng.	engine	O.E.	Original Equipment
Alt.	Altitude	ex.	except	OHC	Over Head Cam
AT	Automatic Transmission	Fed.	Federal	OHV	Over Head Valve
BCI	Battery Council International	Fig.	Figure	opt.	optional
Calif.	California	FI	Fuel Injection	pkg.	package
carb.	carburetor	Fla.	Florida	PS	Power Steering
CAT.	Caterpillar	FWD	Front Wheel Drive	PTO	Power Take Off
cc	cubic centimeter	GM	General Motors	RWD	Rear Wheel Drive
CCA	Cold Cranking Amps (0°F)	GSE	Gas Starting Engine	SAE	Post-type terminal
CFI	Central Fire Injection	HBL	Heated Back Light (rear window defrost)	S/C	Supercharged
comp.	compression	H.D.	Heavy Duty	SEO	Special Electrical Option
Cont.	Continental	H.O.	High Output	SGB	Sound-Guard Body
Conv.	Convertible	HP	Horsepower	SHO	Special High Output Engine
cyl.	cylinder	HSC	High Swirl Combustion	SOHC	Single Over Head Cam
DD	Detroit Diesel	IHC	International Harvester Co.	TBI	Throttle Body Injection
DES	Direct Electric Start	ind.	industrial	V	Venturi
DIN	Deutsche Industrie Normen	JD	John Deere	w/	with
DOHC	Dual Over Head Cam	L	Liter	w/o	without
EFI	Electronic Fuel Injection	LPG	Liquified Petroleum Gas	Wisc.	Wisconsin
ETR	Electronic Tuning Radio	MFI	Multi-Port Fuel Injection	2WD	2 Wheel Drive
		MT	Manual Transmission	4WD	4 Wheel Drive

## BEST FIT ESTIMATE

Some equipment manufacturers do not provide complete replacement battery information. In some cases replacement battery size must be estimated using the best information available to guide the battery replacement data guide user. However, **the user is cautioned that the size stated is only an estimate.** Size and terminal post arrangements may vary from the original equipment manufacturer. Therefore, the user should obtain specific battery replacement size information from the owner's manual or from the dealer or equipment manufacturer. **Caution should always be exercised to assure proper cable hook-up and sufficient post clearance before closing the hood or battery cover.** Otherwise electrical system damage and/or **personal injury** could result.

## BATTERY RATINGS

### COLD CRANKING AMPS @ 0°F

The primary function of the battery is to provide power to crank the engine during starting. This process requires a large discharge of amperes over a short period of time. Therefore, the cold cranking performance rating is defined as **the discharge load in amperes which a new, fully charged battery at 0°F can deliver for 30 seconds and maintain a minimum voltage of 7.2 volts for a 12-volt battery, 3.6 volts for a 6-volt battery.** The cold cranking performance ratings listed in the application section of the guide are the **minimum** recommendation for each application. There is no warranty level or battery life expectancy expressed or implied by these ratings.

### CRANKING AMPS @ 32°F

The cranking performance rating is defined as the discharge load in amperes which a new, fully charged battery **at a temperature of 32°F** can deliver for 30 seconds and maintain a minimum voltage of 7.2 volts for a 12-volt battery or 3.6 volts for a 6-volt battery.

### RESERVE CAPACITY

Another function of the battery is to provide emergency power for ignition, lights, etc., in the event of failure of the vehicle's battery recharging system. The reserve capacity rating is defined as **the number of minutes a new, fully charged battery at 80°F can be discharged at 25 amperes** and maintain a minimum voltage of 10.5 volts for a 12-volt battery or 5.25 volts for a 6-volt battery.

## HEAT SHIELDS

Protective heat shields are being used around batteries with increasing frequency to protect them from premature failure due to high underhood temperatures. **Failure to replace the heat shield after installation of a replacement battery may reduce its electrical performance and life.**

# CAT® BATTERY CARE & MAINTENANCE GUIDE

IMPORTANT: ALWAYS WEAR EYE PROTECTION!



## SAFETY PRECAUTIONS

*Always wear safety glasses and a face shield when working on or near batteries.*



## IN-MACHINE SERVICE

*Follow safety precautions — wear proper eye protection.*

**DO NOT OPEN**

**LEAD** **RECYCLE**

**DO NOT TIP**

**DANGER/POISON**

**SHIELD EYES. EXPLOSIVE GASES. CAN CAUSE BLINDNESS OR INJURY.**

**NO SPARKS, FLAMES OR SMOKING.**

**SULFURIC ACID CAN CAUSE BLINDNESS OR SEVERE BURNS.**

**FLUSH EYES IMMEDIATELY WITH WATER. GET MEDICAL HELP FAST.**

**KEEP OUT OF REACH OF CHILDREN - CONTAINS SULFURIC ACID. FOR MEDICAL EMERGENCY IN USA OR CANADA CONTACT: 800-458-5924. OTHER COUNTRIES CONTACT: 303-893-1322**

**PROPOSITION 65 WARNING:** Battery posts, terminals and related accessories contain lead and lead compounds, chemicals known to the state of California to cause cancer and reproductive harm. **Wash hands after handling.**

All batteries generate explosive hydrogen gas. Keep sparks, flames and cigarettes away from batteries at all times. Do not connect or disconnect “live” circuits. To avoid creating sparks, always turn charging and testing equipment off before attaching or removing clamps. Always disconnect grounded cable first and connect it last to prevent dangerous sparks.

Perform all work in a well-ventilated area. Never lean directly over a battery while boosting, testing or charging it. **Protect your eyes!**

Batteries contain corrosive sulfuric acid that can destroy clothing and burn the skin. Neutralize acid spills with a paste made of baking soda and water. Be careful!



## PROPER INSTALLATION

*Follow safety precautions — wear proper eye protection.*

1. Before removing old battery, mark the positive (+) and negative (-) cables for proper connection to the new battery.
2. Always disconnect the ground cable first [usually negative (-)] to avoid any sparking around battery. Then disconnect the positive (+) cable and carefully remove the old battery.
3. Clean and inspect the battery tray. If necessary, replace the tray, hold-down and/or battery cables. Cable ends must be clean and corrosion free.
4. Put corrosion protection washers on battery terminals and then install new battery in same position as old one and tighten hold-down. Be sure terminals will clear hood, fender, box lid, etc.
5. Connect positive (+) cable first, then connect ground cable last. Use a special side terminal torque tool to tighten side terminal cables without damage. Never overtighten or hammer cables onto terminals.
6. Coat terminals and cable connection with a corrosion protection spray.

2



## LOAD TESTING

*Follow safety precautions — wear proper eye protection.*

First perform an open circuit voltage test using the Caterpillar Digital Voltmeter, 4C6600, for a fast, accurate test. Then perform an adjustable load test. A load test is the best way to determine if the battery is delivering adequate electrical performance. Make sure your variable load tester is working properly.

### **Early Diagnosis!**

Your Cat dealer can determine your battery's pre-charge condition with the Cat Digital Battery Analyzer (177-2330). This analyzer provides you with a quick and accurate procedure to know the condition of your battery before you spend time charging it up; or before replacing it with another battery. This analyzer quickly tests 6- or 12-volt batteries and tells you in 20 seconds if your battery is bad or in need of recharge. It can be used to test the full line of Caterpillar Batteries and any others that are within 50 to 2000 cold cranking amps, 65 to 2500 cranking amps, or 6 to 249 amp-hours capacity. The analyzer even works on batteries discharged down as far as one volt. In addition, a battery can even be tested without removing it from its vehicle.

### **If Discharged, Recharge!**

1. You can't load test a discharged battery with most testers. Always attempt to charge it before load testing if below 12.4 volts. Refer to the charging chart for important information.

### **Turn Tester Off!**

2. To avoid sparking, be sure load tester is off and battery is disconnected before hook-up. Use computer memory saver to retain the machine's electronic memory while the battery is disconnected.

### **Red to Positive & Black to Negative**

3. Connect the positive (+) tester clamp to the positive (+) battery terminal. Then connect the negative (-) tester clamp to the (-) negative battery terminal. **Always protect your eyes.**

# CAT® BATTERY CARE & MAINTENANCE GUIDE

**IMPORTANT: ALWAYS WEAR EYE PROTECTION!**

## Set at 1/2 Cold Cranking Ampere rating

4. Set the tester for one-half the battery's 0°F cold crank rating and apply the load for 15 seconds. Battery ambient temperature must be 10°C (50°F) or greater.\*

## 9.5 Volts OK for 12V battery! 4.7 Volts OK for 6V battery!

5. With the load still on the battery, check the tester reading. A steady reading of 9.5 volts for 12V battery or 4.7 volts for 6V battery while under load indicates a good battery.

## Less than 9.5 Volts or 4.7 Volts Recharge or Replace

6. If the reading is below 9.5 or 4.7 volts under load, boost charge the battery and test it again. If the second reading is still below, replace the battery.

\* (If the CCA rating is unknown, use 200 for auto batteries, 350 for commercial batteries and 100 for small-engine batteries.)  
For complete load test procedure information refer to Caterpillar publication number SEHS9249.



## ROTATE BATTERY STOCK

**Use oldest batteries first.**

Batteries require periodic stock rotation and routine charging. Always rotate stock using the FIFO (First In, First Out) method... Instead of FISH (First In, Still Here). Batteries packaged in cartons have the shipping date stamped on the carton. Keep the battery in the carton until it is put to use.

Batteries used in Caterpillar manufacturing facilities use the following shipping date codes:

A – January	4 – 1994	G – July	9 – 1999
B – February	5 – 1995	H – August	0 – 2000
C – March	6 – 1996	J – September	1 – 2001
D – April	7 – 1997	K – October	2 – 2002
E – May	8 – 1998	L – November	3 – 2003
F – June		M – December	

Example: K9 = Battery shipped October 1999.  
Always use oldest batteries first.

**Remember... wet or dry, always rotate your stock!**



## JUMP STARTING

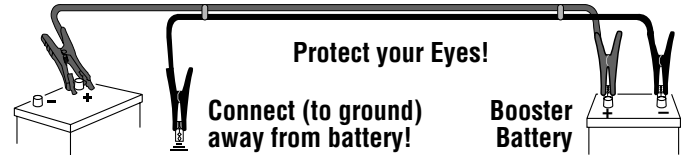
**Shield eyes and face at all times... Never lean directly over battery when testing, jump starting or performing other maintenance.**

Be sure any vent caps are tight and level, then place a damp rag over the vent caps of both batteries. Be sure machines do not touch each other.

1. Connect one end of positive (+) booster cable to positive (+) terminal of discharged battery, wired to starter or solenoid.
2. Connect other end of positive (+) booster cable to positive (+) terminal of assisting battery.
3. Connect one end of negative (–) booster cable to negative (–) terminal of assisting battery, wired to ground.

4. Complete hook-up by connecting other end of negative (–) booster cable **TO ENGINE BLOCK OF STALLED MACHINE— AS FAR AWAY FROM BATTERY AS POSSIBLE.**

5. Start both machines and remove cables in reverse order of connection. Discard the rag.



**IMPORTANT: Both batteries or sets of batteries must be the same voltage! Do not mix voltages!**



## DRY CHARGE ACTIVATION

**Important**

Each vent opening is sealed with a removable plastic plug. Do not remove this plug until you are ready to fill the battery with electrolyte. Only when you are ready to fill, remove and discard the seal plugs. Use large vent caps to close openings when battery is filled and placed in service.

### Activation

1. Fill each cell to proper level with battery-grade sulfuric acid of 1.265 specific gravity. Battery and acid must be at a temperature of 16°C to 38°C (60°F to 100°F) at time of filling.
2. Apply a load of 1/2 the Cold Cranking Ampere (CCA) rating for 10 seconds.

3. Note the voltage reading after 10 seconds. Use this chart to determine if the battery is ready for use or must be boost charged.

Size	Ready	Boost
12V	9V or more	below 9V
8V	6V or more	below 6V
6V	4.5V or more	below 4.5V

4. If a boost charge is required, the battery is to be charged for 20 minutes at the following rates:

**15 amp for 12 Volt batteries under 600 CCA**

**40 amp for 12 Volt batteries 600-1200 CCA**

**60 amp for all 8 Volt batteries and**

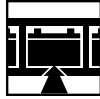
**12 Volt batteries over 1200 CCA**

**40 amp for all 6 Volt batteries**

5. After boost charging, the battery is to be load tested again, at 1/2 the CCA rating for 10 seconds. The battery may be put into service if 10 second voltages are as listed in step 3.
6. Recycle all scrap batteries. Your Cat Dealer accepts spent batteries for recycling.

# CAT® BATTERY CARE & MAINTENANCE GUIDE

IMPORTANT: ALWAYS WEAR EYE PROTECTION!

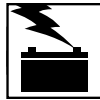


## BATTERY STORAGE TIPS

Batteries should be stored in a cool, dry area in an upright position. Never stack batteries directly on top of each other unless they're in cartons.

Do not stack more than 2 high (3 high if automotive).

Test wet batteries every 4-6 months and recharge if necessary. Always test and charge if necessary before installation.



## CHARGING TIPS

**Follow safety precautions — wear proper eye protection.**

Batteries should be boost charged if the open circuit voltage (voltmeter) reading is below 12.4 volts. See chart below.

- Prior to charging, read the manufacturer's instructions for proper charger hook-up and use.
- Turn charger off and disconnect battery prior to hook-up to avoid dangerous sparks. Protect your eyes!
- A battery that has not begun to accept the minimum (1/2 of Recommended) charging current within 15 minutes at the highest charger setting (or voltage) should be replaced.
- If violent gassing or spewing of electrolyte occurs or the battery case feels hot to the touch, temporarily reduce or halt charging.
- Never attempt to charge a frozen battery. Allow it to warm up to room temperature before placing on charge.

BATTERY CHARGING RATE/TIME TABLES		OPEN CIRCUIT VOLTAGE			
Amp Hour Rating	Charging Rate	12 Volt Battery	8 Volt Battery	6 Volt Battery	Charging Time
15-34	5.0 Amps	12.40 & above	8.27 & above	6.20 & above	Load Test No Charging Required
35-49	7.5 Amps				
50-69	10 Amps	12.39 - 12.20	8.26 - 8.13	6.19 - 6.10	2.0 Hours
70-99	15 Amps				
100-129	20 Amps	12.19 - 12.00	8.12 - 8.00	6.09 - 6.00	3.0 Hours
130-164	25 Amps				
165-199	30 Amps	Below 12.00	Below 8.00	Below 6.00	4.0 Hours
200-249	35 Amps				

**Important: Never overcharge batteries! Excessive charging will shorten battery life. For complete battery charging and test procedures refer to Cat Special Instruction, SEHS7633.**



## CHOOSE PLENTY OF POWER

**Choose cranking amps...  
Not months of warranty!**

Always use a battery that has enough cranking power, reserve capacity and vibration resistance to get the job done. Consider the machine manufacturer's recommended capacity to be a minimum-capacity guideline. A machine that has a lot of electrical accessories such as on-board computers, air conditioning, two way radios, etc. will need a more powerful battery for optimum performance.

Along with electrical accessories, temperature also has an effect on battery performance. Machines that are operated in extremely cold climates may need a battery with a higher CCA rating.

**Remember, you can't buy a battery with too much power!**

### Starting Power Available from Battery

105%



100%



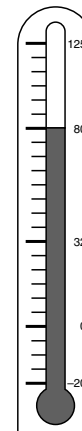
65%



40%



18%



### Starting Power Required By Engine

110%



100%



155%



210%



268%



**Temperature has a dramatic effect on a battery's ability to crank an engine. Not only does cold rob batteries of power, it also stiffens motor oil, making engines harder to start. And heat can damage batteries by causing internal components to wear out quickly while also making engines difficult to start.**

**DISCLAIMER:** The battery replacement data published in this guide has been obtained from Battery Council International. The information contained in this guide was the most current information available at the time of publication. The information is subject to change upon notice from equipment manufacturers or field experience. Users should consult the most current edition of this application guide. The marketer and manufacturer expressly deny any responsibility for the accuracy provided. While every effort has been made to accurately catalog the replacement battery information in this guide, any liability for damages as a consequence of using the information in this guide is expressly denied. Users should also attempt to obtain replacement battery data from the original equipment manufacturer's user manual or service department for their specific application.

# APPLICATION SECTION



## CATERPILLAR EQUIPMENT

The application battery data on the following pages is based on the manufacturer's normal original equipment (O.E.) battery installation. It must be kept in mind that at the request of a larger user it is common in many 12-volt and 24-volt commercial systems to use 6-volt batteries connected in series where 12-volt batteries are normally used. As a consequence, it is desirable to check the original battery size and terminal arrangement before ordering. Also, some manufacturers will change battery sizes and terminal arrangements in the middle of a model year.

If the battery or batteries to be replaced have terminal and/or cell arrangements different from the standard arrangement for the battery size, be sure to specify exactly the arrangement desired. Also give complete details on all special sizes and/or terminal arrangements.

As some batteries are still being marketed with Amp/Hrs. ratings, an approximate equivalent cranking performance value can be obtained by taking 5-1/4 times the Amp/Hrs. rating.

## ARTICULATED TRUCKS — EXCAVATORS

**IMPORTANT NOTE: BATTERIES CAN EXPLODE! Always wear safety glasses AND shield eyes when working around batteries. Always check for proper polarity and sufficient terminal clearance BEFORE final installation to avoid dangerous sparks, potential explosion, possible severe personal injury and/or expensive electrical system and/or vehicle/equipment damage. Always check for proper polarity and sufficient clearances before connecting cables and closing hood or covers.**

EQUIPMENT TYPE YEAR/MODEL	CCA @ 0°F	O. E. BCI NO.	PREMIUM HIGH OUTPUT				GENERAL SERVICE LINE				
			OPTION 1	OPTION 2	OPTION 3	OPTION 4	U.S. ONLY				
							OPTION 1	OPTION 2	OPTION 3	OPTION 1	OPTION 2
<i>Group 31 O.E. battery has non-standard SAE terminal locations. May require cable modifications. Some models may require special holddown.</i>											
<b>ARTICULATED TRUCKS</b>											
D20	750	31(2)SAE	3T-5760	115-2422	115-2421	9X-3404	8C-3627	—	—	—	—
D250E, D300E	900	31(2)SAE	115-2422	115-2421	9X-3404	—	—	—	—	—	—
D25, D30, D35, D40, D250, D25D, D30D, D350E, D400E	1000	4D(2)	153-5700	9X-9720	9X-9730	—	—	—	—	—	—
D44, D50, D550, D650	1250	8D(2)	153-5720	101-4000	—	—	8C-3624	—	—	—	—
D250D	750	31(2)SAE	3T-5760	115-2422	115-2421	9X-3404	8C-3627	—	—	—	—
D300, D300D, D350, D400	1000	4D(2)	153-5700	9X-9720	9X-9730	—	—	—	—	—	—
<b>BACKHOE-TYPE LOADERS</b>											
416B, 426B, 428B, 436B, 446B 438B: DES 12-volt, 416C, 426C 428C, 436C, 438C	750	31SAE	3T-5760	115-2422	115-2421	9X-3404	8C-3627	—	—	—	—
416, 426, 428, 436, 438, 446, 446B: DES 12-volt	700	31(1,2)SAE	3T-5760	115-2422	115-2421	9X-3404	8C-3627	—	—	—	—
<b>COMBINES</b>											
450, 460, 465, 480, 485	1100	4D	153-5700	9X-9730	9X-9720 †	—	—	—	—	—	—
<b>EXCAVATORS</b>											
205, 206: DES 24-volt (special European size)	395	NA(2)	—	—	—	—	—	—	—	—	—
211, 212, 213, 214, 224: DES 24-volt (spl. Euro. size)	490	NA(2)	—	—	—	—	—	—	—	—	—
215, 225, 227, 229: DES 24-volt	660	2(4)	153-5690	—	—	—	8C-3629	—	—	—	—
Optional	625	29H(2)	3T-5760	115-2422	115-2421	153-5656 ‡	8C-3627	—	—	—	—
Optional	950	4D(2)	153-5700	9X-9720	9X-9730	—	8C-3623 †	—	—	—	—
231D: DES 24-volt	750	31(2)SAE	3T-5760	115-2422	115-2421	9X-3404	8C-3627	—	—	—	—
235, 235D, 245: DES 24-volt	1000	4D(2)	153-5700	9X-9720	9X-9730	—	—	—	—	—	—
Optional	1250	8D(2)	153-5720	101-4000	—	—	8C-3624	—	—	—	—
235C	1300	4D(2)	9X-9730	—	—	—	—	—	—	—	—
245D: DES 24-volt	1250	8D(2)	153-5720	101-4000	—	—	8C-3624	—	—	—	—
301.5	500	58	175-4280	—	—	—	—	—	—	—	—
302.5	650	74	153-5660	—	—	—	—	127-0824 ‡	127-0826 ‡	—	—
307B, 307BSB, 311, 311B, 312, 312B, 312BL, 315B, 315BL, 320, 320B, 320BL, 320L, 320N, 322B, 322BL, 325, 325L, 325LN, 325N, 330, 330BL, 300L, 345BL, 330LN, 350MH, 5230BME, 5230BS, 5230: DES 24-volt, M312, M315, M318, M320	750	31(2)SAE	3T-5760	115-2422	115-2421	9X-3404	8C-3627	—	—	—	—
350, 350L, 5130: DES 24-volt	1000	4D(2)	153-5700	9X-9720	9X-9730	—	—	—	—	—	—
375, 375L: DES 24-volt	1250	8D(2)	153-5720	101-4000	—	—	8C-3624	—	—	—	—
5080, 5080FS, 5130BFS, 5130BME	1300	4D(2)	9X-9730	—	—	—	—	—	—	—	—

**PROPOSITION 65 WARNING:** Battery posts, terminals and related accessories contain lead and lead compounds, chemicals known to the state of California to cause cancer and reproductive harm. **Wash hands after handling.**

Premium High Output batteries should be your first choice for all earth moving applications. Option 1 in each category is the preferred size. Refer to page 13 for explanation of Caterpillar Equipment replacement footnotes.

BATTERY SAFETY  
CATERPILLAR EQUIP.  
INDUSTRIAL EQUIPMENT  
FARM EQUIPMENT  
TRUCKS & BUSES  
AUTO & LTV  
L & G / SMALL ENGINE  
REFERENCE



## CATERPILLAR EQUIPMENT

## EXCAVATORS — LANDFILL &amp; SOIL COMPACTORS



**IMPORTANT NOTE: BATTERIES CAN EXPLODE! Always wear safety glasses AND shield eyes when working around batteries. Always check for proper polarity and sufficient terminal clearance BEFORE final installation to avoid dangerous sparks, potential explosion, possible severe personal injury and/or expensive electrical system and/or vehicle/equipment damage. Always check for proper polarity and sufficient clearances before connecting cables and closing hood or covers.**

EQUIPMENT TYPE YEAR/MODEL	CCA @ 0°F	O.E. BCI NO.	PREMIUM HIGH OUTPUT				GENERAL SERVICE LINE				
			OPTION 1	OPTION 2	OPTION 3	OPTION 4	U.S. ONLY			OPTION 1	OPTION 2
<b>Excavators (continued)</b>											
<b>E Series:</b>											
E70: DES 24-volt	625	29H(2)	3T-5760	115-2422	115-2421	153-5656 ≠	8C-3627	—	—	—	—
E70B, E110B, E120B, E240C, EL240C: DES 24-volt	750	31(2)SAE	3T-5760	115-2422	115-2421	9X-3404	8C-3627	—	—	—	—
E110, E120, E140, E180, E200, E240: DES 24-volt	950	4D(2)	153-5700	9X-9720	153-5710	—	8C-3623 ¥	—	—	—	—
E300, E450: DES 24-volt	950	4D(2)	153-5700	9X-9720	153-5710	—	8C-3623 ¥	—	—	—	—
E650: DES 24-volt	1250	8D(2)	153-5720	101-4000	—	—	8C-3624	—	—	—	—
<b>FARM TRACTORS</b>											
<i>Additional equipment is listed in the Industrial section. O.E. battery has SAE type post and non-standard terminal location. May require cable modifications.</i>											
2000-98 Challenger 35, 45, 55, 65, 65E, 70, 75, 75B, 75E, 85, 85C, 95, 95D, 95E	950	31(2)SAE	115-2422	115-2421	9X-3404	—	—	—	—	—	—
1997-91 65B, 65C, 65D, 70C	750	31(2)SAE	3T-5760	115-2422	115-2421	9X-3404	8C-3627	—	—	—	—
1997-95 75C, 75D	900	31(2)SAE	115-2422	115-2421	9X-3404	—	—	—	—	—	—
<b>EARLY MODEL TRACTOR</b>											
1959-46 DW10, DW15, DW20, DW21: Gas	630	2	153-5690	—	—	—	8C-3629	—	—	—	—
1961-60 DW15, DW20, DW21: Gas	320	24	153-5656	—	—	—	3T-5857	127-0824 ≠	8C-3600 ≠	9X-1383	—
1957-56 DW15, DW20, DW21: Electric Start	320	3EE(2)	—	—	—	—	8C-3620	—	—	—	—
1961-58 DW15, DW20, DW21: Electric Start	630	2	153-5690	—	—	—	8C-3629	—	—	—	—
600 Series ex. below	400	24(1,2)	153-5656	—	—	—	3T-5857	127-0824 ≠	8C-3600 ≠	9X-1383	—
Optional	950	8D(1,2)	153-5720	101-4000	—	—	8C-3624	—	—	—	—
613, 619 6V Gas: Electric Start	630	2	153-5690	—	—	—	8C-3629	—	—	—	—
619 12V, 630: Electric Start	850	4D	153-5700	9X-9720	153-5710	—	8C-3623	—	—	—	—
<b>FELLER BUNCHERS</b>											
FB219: DES 24-volt	625	29H(2)	3T-5760	115-2422	115-2421	153-5656 ≠	8C-3627	—	—	—	—
FB508, FB518: DES 24-volt	700	31(2)SAE	3T-5760	115-2422	115-2421	9X-3404	8C-3627	—	—	—	—
FB519: DES 24-volt	625	30H(2)	3T-5760	115-2422	115-2421	153-5656 ≠	8C-3627	—	—	—	—
<b>FOREST MACHINES</b>											
320BLL, 322BLL, 325BLL, 330BLL, 539	750	31(2)SAE	3T-5760	115-2422	115-2421	9X-3404	8C-3627	—	—	—	—
550, 554, 570, 574, 580	900	31(2)SAE	115-2422	115-2421	9X-3404	—	—	—	—	—	—
<b>INTEGRATED TOOL CARRIERS</b>											
IT-12, IT-14, IT-12F, IT-14F, IT-18F, IT-28G, IT38G: DES 24-volt	700	31(2)SAE	3T-5760	115-2422	115-2421	9X-3404	8C-3627	—	—	—	—
IT-18, IT-20, IT-28: DES 24-volt	750	31(2)SAE	3T-5760	115-2422	115-2421	9X-3404	8C-3627	—	—	—	—
IT-28F: DES 24-volt	900	31(2)SAE	115-2422	115-2421	9X-3404	—	—	—	—	—	—
IT-24F, IT-14G, IT-28G, IT-38G	950	31(2)SAE	115-2422	115-2421	9X-3404	—	—	—	—	—	—
<b>LANDFILL &amp; SOIL COMPACTORS</b>											
815F, 816, 816F	950	4D(2)	153-5700	9X-9720	153-5710	—	8C-3623 ¥	—	—	—	—
825G, 826G, 836	750	31(4)SAE	3T-5760	115-2422	115-2421	9X-3404	8C-3627	—	—	—	—

**PROPOSITION 65 WARNING:** Battery posts, terminals and related accessories contain lead and lead compounds, chemicals known to the state of California to cause cancer and reproductive harm. **Wash hands after handling.**

Premium High Output batteries should be your first choice for all earth moving applications. Option 1 in each category is the preferred size. Refer to page 13 for explanation of Caterpillar Equipment replacement footnotes.

# CATERPILLAR EQUIPMENT LIFT TRUCKS

BATTERY SAFETY

CATERPILLAR EQUIP.

INDUSTRIAL EQUIPMENT

FARM EQUIPMENT

TRUCKS & BUSES

AUTO & LTV

L & G / SMALL ENGINE

REFERENCE

**IMPORTANT NOTE: BATTERIES CAN EXPLODE! Always wear safety glasses AND shield eyes when working around batteries. Always check for proper polarity and sufficient terminal clearance BEFORE final installation to avoid dangerous sparks, potential explosion, possible severe personal injury and/or expensive electrical system and/or vehicle/equipment damage. Always check for proper polarity and sufficient clearances before connecting cables and closing hood or covers.**

EQUIPMENT TYPE YEAR/MODEL	CCA @ 0°F	O. E. BCI NO.	PREMIUM HIGH OUTPUT				GENERAL SERVICE LINE				
			OPTION 1	OPTION 2	OPTION 3	OPTION 4	U.S. ONLY				
							OPTION 1	OPTION 2	OPTION 3	OPTION 1	OPTION 2
<b>LIFT TRUCKS</b>											
12RH, 16RH	405	60	—	—	—	—	—	—	—	—	—
350: From S.N. 350610037 To S.N. 350610036	425 660	24 2	153-5656 153-5690	—	—	—	—	3T-5857 8C-3629	127-0824 ≠	8C-3600 ≠	9X-1383
350S, 351S, 391, 392S	425	24	153-5656	—	—	—	—	3T-5857	127-0824 ≠	8C-3600 ≠	9X-1383
390: From S.N. 3905473 To S.N. 3905472	575 660	1 2	— 153-5690	—	—	—	—	8C-3617 8C-3629	—	—	8T-9734
400P, 410, 411, 440, 441	660	2	153-5690	—	—	—	—	8C-3629	—	—	—
420, 460, 480P, 500, 500P: Late model	405	60	—	—	—	—	—	—	—	—	—
420, 460, 480P, 500, 500P: Early model	660	2	153-5690	—	—	—	—	8C-3629	—	—	—
421, 422S, 461, 462S, 501, 502P, 502S	425	24	153-5656	—	—	—	—	3T-5857	127-0824 ≠	8C-3600 ≠	9X-1383
510P: Late model	625	29H	3T-5760	115-2422	115-2421	153-5656 ≠	—	8C-3627	—	—	—
510P: Early model	425	24	153-5656	—	—	—	—	3T-5857	127-0824 ≠	8C-3600 ≠	9X-1383
540D	950	4D	153-5700	9X-9720	9X-9730	—	—	8C-3623 ¥	—	—	—
540S, 600S, 670S: Late model	425	24	153-5656	—	—	—	—	3T-5857	127-0824 ≠	8C-3600 ≠	9X-1383
540S, 600S, 670S: Early model	660	2	153-5690	—	—	—	—	8C-3629	—	—	—
590S, 600, 601P, 750S, 760P, 850S, 860P	425	24	153-5656	—	—	—	—	3T-5857	127-0824 ≠	8C-3600 ≠	9X-1383
600D, 670D, 680D	950	4D	153-5700	9X-9720	153-5710	—	—	8C-3623 ¥	—	—	—
680P: Late model	425	24	153-5656	—	—	—	—	3T-5857	127-0824 ≠	8C-3600 ≠	9X-1383
680P: Early model, 900	660	2	153-5690	—	—	—	—	8C-3629	—	—	—
950S, 960S	425	24	153-5656	—	—	—	—	3T-5857	127-0824 ≠	8C-3600 ≠	9X-1383
A-10, A-12, A-15, A-16, A-17, A-18, A-19	405	60	—	—	—	—	—	—	—	—	—
A-20, A-21, A-22, A-23, A-24	405	60	—	—	—	—	—	—	—	—	—
AH-40 thru AH-60	1250	8D	153-5720	101-4000	—	—	—	8C-3624	—	—	—
IHC eng.	575	1	—	—	—	—	—	8C-3617	—	—	8T-9734
AM-25: Late model	1250	8D	153-5720	101-4000	—	—	—	8C-3624	—	—	—
AM-25: Early model; AM-30: Late model	405	60	—	—	—	—	—	—	—	—	—
AM-30: Early model; AM-36 thru AM-60	1250	8D	153-5720	101-4000	—	—	—	8C-3624	—	—	—
IHC eng.	575	1	—	—	—	—	—	8C-3617	—	—	8T-9734
AMP-25	405	60	—	—	—	—	—	—	—	—	—
B-10, B-12, B-15 thru B-25	405	60	—	—	—	—	—	—	—	—	—
Optional	1250	8D	153-5720	101-4000	—	—	—	8C-3624	—	—	—
Optional	950	4D	153-5700	9X-9720	153-5710	—	—	8C-3623 ¥	—	—	—
BHF-16 thru BHF-20	1250	8D	153-5720	101-4000	—	—	—	8C-3624	—	—	—
K-5	660	2	153-5690	—	—	—	—	8C-3629	—	—	—
L-200	1250	8D	153-5720	101-4000	—	—	—	8C-3624	—	—	—
Ford engine	405	60	—	—	—	—	—	—	—	—	—
LT-35, -40, -44, -46, -48, -50, -53, -56, -60, -62, -90	660	2	153-5690	—	—	—	—	8C-3629	—	—	—
LT-60D, LT-62D	875	7D	—	—	—	—	—	8C-3635	8C-3633	—	8T-9731 8T-9733
RT80: DES 24-volt	750	31SAE	3T-5760	115-2422	115-2421	9X-3404	—	8C-3627	—	—	—
T-25, T-30, TC-30, T-40	425	24	153-5656	—	—	—	—	3T-5857	127-0824 ≠	8C-3600 ≠	9X-1383
T-25D: Gas	425	22F	—	—	—	—	—	3T-5859	—	—	9X-1384 145-4518 ≠
T-30B, T-35B, T-40B, T-45B	625	29H	3T-5760	115-2422	115-2421	153-5656 ≠	—	8C-3627	—	—	—
T-40D: Gas	580	24	153-5656	—	—	—	—	3T-5857	127-0824 ≠	—	9X-1383
T-40D: Diesel	700	31SAE	3T-5760	115-2422	115-2421	9X-3404	—	8C-3627	—	—	—
T-40E: DES 24-volt	580	24	153-5656	—	—	—	—	3T-5857	127-0824 ≠	—	9X-1383
T-50, T-60	425	24	153-5656	—	—	—	—	3T-5857	127-0824 ≠	8C-3600 ≠	9X-1383
T-50B, -55B, -60B	625	29H	3T-5760	115-2422	115-2421	153-5656 ≠	—	8C-3627	—	—	—
T-50B, -55B, -60B, -60C, -70C, -80C, -90C, -100C, -120C, -165, -180, -200, -220, -221, -225, -250, -300, -400	425	24	153-5656	—	—	—	—	3T-5857	127-0824 ≠	8C-3600 ≠	9X-1383
TC-60E: DES 24-volt	580	24	153-5656	—	—	—	—	3T-5857	127-0824 ≠	—	9X-1383
U-6, U-8	405	60	—	—	—	—	—	—	—	—	—
V-25D: Gas	580	24	153-5656	—	—	—	—	3T-5857	127-0824 ≠	—	9X-1383
V-25D: Diesel	700	31SAE	3T-5760	115-2422	115-2421	9X-3404	—	8C-3627	—	—	—
V-30, -30C, -35C, -40, -40C	425	24	153-5656	—	—	—	—	3T-5857	127-0824 ≠	8C-3600 ≠	9X-1383
Optional	625	29H	3T-5760	115-2422	115-2421	153-5656 ≠	—	8C-3627	—	—	—
V-40D: Gas	580	24	153-5656	—	—	—	—	3T-5857	127-0824 ≠	—	9X-1383
V-40D: Diesel; V40E: DES 24-volt	700	31SAE	3T-5760	115-2422	115-2421	9X-3404	—	8C-3627	—	—	—

**PROPOSITION 65 WARNING:** Battery posts, terminals and related accessories contain lead and lead compounds, chemicals known to the state of California to cause cancer and reproductive harm. **Wash hands after handling.**

Premium High Output batteries should be your first choice for all earth moving applications. Option 1 in each category is the preferred size. Refer to page 13 for explanation of Caterpillar Equipment replacement footnotes.



# CATERPILLAR EQUIPMENT

## LIFT TRUCKS — MOTOR GRADERS



**IMPORTANT NOTE: BATTERIES CAN EXPLODE!** Always wear safety glasses AND shield eyes when working around batteries. Always check for proper polarity and sufficient terminal clearance BEFORE final installation to avoid dangerous sparks, potential explosion, possible severe personal injury and/or expensive electrical system and/or vehicle/equipment damage. Always check for proper polarity and sufficient clearances before connecting cables and closing hood or covers.

EQUIPMENT TYPE YEAR/MODEL	CCA @ 0°F	O. E. BCI NO.	PREMIUM HIGH OUTPUT				GENERAL SERVICE LINE				
			OPTION 1	OPTION 2	OPTION 3	OPTION 4	U.S. ONLY			OPTION 1	OPTION 2
							OPTION 1	OPTION 2	OPTION 3		
<b>Lift Trucks (continued)</b>											
V-41, V-41B, -45C, -50, -50C, -51, -51B, -55B, -60, -60B	425	24	153-5656	—	—	—	3T-5857	127-0824 ≠	8C-3600 ≠	9X-1383	—
Optional	950	4D	153-5700	9X-9720	153-5710	—	8C-3623 ¥	—	—	—	—
Optional	660	2	153-5690	—	—	—	8C-3629	—	—	—	—
Optional	625	29H	3T-5760	115-2422	115-2421	153-5656 ≠	8C-3627	—	—	—	—
V-50E: DES 24-volt	750	31SAE	3T-5760	115-2422	115-2421	9X-3404	8C-3627	—	—	—	—
V-60D, -70D, -80D	625	29H	3T-5760	115-2422	115-2421	153-5656 ≠	8C-3627	—	—	—	—
V-100, V-120, V-140, V-160, V-180, V-200	405	60	—	—	—	—	—	—	—	—	—
Optional	950	4D	153-5700	9X-9720	153-5710	—	8C-3623 ¥	—	—	—	—
Optional	1250	8D	153-5720	101-4000	—	—	8C-3624	—	—	—	—
V-110C, V-135C, V-155C, V-165C: DES 24-volt	750	31(2,3)SAE	3T-5760	115-2422	115-2421	9X-3404	8C-3627	—	—	—	—
V-160V, V-180B, V-200B, V-200HF, V-225HF	1250	8D	153-5720	101-4000	—	—	8C-3624	—	—	—	—
V-225, V-250, V-300	405	60	—	—	—	—	—	—	—	—	—
Optional	1250	8D	153-5720	101-4000	—	—	8C-3624	—	—	—	—
Optional	950	4D	153-5700	9X-9720	153-5710	—	—	—	—	—	—
V-225B, V-250B, V-300B, V-1600FH, V-1800FH	1250	8D	153-5720	101-4000	—	—	8C-3624	—	—	—	—
V-225C, V-226C, V-265C, V-300C, V-330C: DES 24-volt	1250	8D(2)	153-5720	101-4000	—	—	8C-3624	—	—	—	—
VC-60D: Gas	580	24	153-5656	—	—	—	3T-5857	127-0824 ≠	—	9X-1383	—
VC-60D: Diesel; VC-60E: DES 24-volt	700	31SAE	3T-5760	115-2422	115-2421	9X-3404	8C-3627	—	—	—	—
<b>LOAD HAUL DUMP</b>											
R1600	1300	4D(2)	153-5710	—	—	—	—	—	—	—	—
R2900	1250	8D(2)	153-5720	101-4000	—	—	8C-3624	—	—	—	—
<b>LOG SKIDDERS</b>											
508: DES 24-volt	700	31(2)SAE	3T-5760	115-2422	115-2421	9X-3404	8C-3627	—	—	—	—
518: DES 24-volt	660	2(4)	153-5690	—	—	—	8C-3629	—	—	—	—
Optional	950	4D(2)	153-5700	9X-9720	153-5710	—	8C-3623 ¥	—	—	—	—
Optional	625	29H(2)	3T-5760	115-2422	115-2421	153-5656 ≠	8C-3627	—	—	—	—
Optional	750	31(2)SAE	3T-5760	115-2422	115-2421	9X-3404	8C-3627	—	—	—	—
518C: DES 24-volt	750	31(2)SAE	3T-5760	115-2422	115-2421	9X-3404	8C-3627	—	—	—	—
528, 530B: DES 24-volt	950	4D(2)	153-5700	9X-9720	153-5710	—	8C-3623 ¥	—	—	—	—
Optional	700	31(2)SAE	3T-5760	115-2422	115-2421	9X-3404	8C-3627	—	—	—	—
<b>MOTOR GRADERS</b>											
12: GSE 6-volt	660	2	153-5690	—	—	—	8C-3629	—	—	—	—
GSE 12-volt	425	24	153-5656	—	—	—	3T-5857	127-0824 ≠	8C-3600 ≠	9X-1383	—
DES 6-volt	660	2(4)	153-5690	—	—	—	8C-3629	—	—	—	—
DES 12-volt	950	4D(2)	153-5700	9X-9720	153-5710	—	8C-3623 ¥	—	—	—	—
DES 24-volt	625	29H(2)	3T-5760	115-2422	115-2421	153-5656 ≠	8C-3627	—	—	—	—
Optional	700	31(2)SAE	3T-5760	115-2422	115-2421	9X-3404	8C-3627	—	—	—	—
12G, 12H: DES 24-volt	700	31(2,4)SAE	3T-5760	115-2422	115-2421	9X-3404	8C-3627	—	—	—	—
14: GSE 6-volt	660	2	153-5690	—	—	—	8C-3629	—	—	—	—
GSE 12-volt	425	24	153-5656	—	—	—	3T-5857	127-0824 ≠	8C-3600 ≠	9X-1383	—
DES 6-volt	660	2(4)	153-5690	—	—	—	8C-3629	—	—	—	—
DES 12-, 24-volt	950	4D(2)	153-5700	9X-9720	153-5710	—	8C-3623 ¥	—	—	—	—
14H, 16H, 135H, 143H, 160H	950	4D(2)	153-5700	9X-9720	153-5710	—	8C-3623 ¥	—	—	—	—
16: GSE 12-, 24-volt	425	24	153-5656	—	—	—	3T-5857	127-0824 ≠	8C-3600 ≠	9X-1383	—
Optional	950	4D(2)	153-5700	9X-9720	153-5710	—	8C-3623 ¥	—	—	—	—
Optional	1250	8D(2)	153-5720	101-4000	—	—	8C-3624	—	—	—	—
24H, 163H	1300	4D(2)	153-5710	—	—	—	—	—	—	—	—
112: GSE 6-volt	660	2	153-5690	—	—	—	8C-3629	—	—	—	—
GSE 12-volt	425	24	153-5656	—	—	—	3T-5857	127-0824 ≠	8C-3600 ≠	9X-1383	—
DES 12-, 24-volt	950	4D(2)	153-5700	9X-9720	153-5710	—	8C-3623 ¥	—	—	—	—
120, 130: DES 12-volt	625	29H(2)	3T-5760	115-2422	115-2421	153-5656 ≠	8C-3627	—	—	—	—
DES 24-volt	950	4D(2)	153-5700	9X-9720	9X-9730	—	8C-3623 ¥	—	—	—	—
Optional	700	31(2)SAE	3T-5760	115-2422	115-2421	9X-3404	8C-3627	—	—	—	—

**PROPOSITION 65 WARNING:** Battery posts, terminals and related accessories contain lead and lead compounds, chemicals known to the state of California to cause cancer and reproductive harm. **Wash hands after handling.**

Premium High Output batteries should be your first choice for all earth moving applications. Option 1 in each category is the preferred size. Refer to page 13 for explanation of Caterpillar Equipment replacement footnotes.

# CATERPILLAR EQUIPMENT

## MOTOR GRADERS — PAVING PRODUCTS

**IMPORTANT NOTE: BATTERIES CAN EXPLODE!** Always wear safety glasses AND shield eyes when working around batteries. Always check for proper polarity and sufficient terminal clearance BEFORE final installation to avoid dangerous sparks, potential explosion, possible severe personal injury and/or expensive electrical system and/or vehicle/equipment damage. Always check for proper polarity and sufficient clearances before connecting cables and closing hood or covers.

EQUIPMENT TYPE YEAR/MODEL	CCA @ 0°F	O. E. BCI NO.	PREMIUM HIGH OUTPUT				GENERAL SERVICE LINE				
			OPTION 1	OPTION 2	OPTION 3	OPTION 4	U.S. ONLY				
							OPTION 1	OPTION 2	OPTION 3	OPTION 1	OPTION 2
<b>Motor Graders (continued)</b>											
120H, 140H: DES 24-volt	700	31(2)SAE	3T-5760	115-2422	115-2421	9X-3404	8C-3627	—	—	—	—
140: DES 6-volt	660	2(4)	153-5690	—	—	—	8C-3629	—	—	—	—
DES 12-volt	950	4D(2)	153-5700	9X-9720	153-5710	—	8C-3623 ¥	—	—	—	—
DES 24-volt	625	29H(2)	3T-5760	115-2422	115-2421	153-5656 ≠	8C-3627	—	—	—	—
Optional	700	31(2,4)SAE	3T-5760	115-2422	115-2421	9X-3404	8C-3627	—	—	—	—
212: GSE 6-volt	660	2	153-5690	—	—	—	8C-3629	—	—	—	—
DES 12-volt	400	3EE(2)	—	—	—	—	8C-3620	—	—	—	—
<b>OFF-HIGHWAY TRUCKS &amp; TRACTORS</b>											
769: DES 24-volt	900	4D(2)	153-5700	9X-9720	153-5710	—	8C-3623	—	—	—	—
Optional	1250	8D(2)	153-5720	101-4000	—	—	8C-3624	—	—	—	—
Air start 24-volt	425	24	153-5656	—	—	—	3T-5857	127-0824 ≠	8C-3600 ≠	9X-1383	—
768, 771C, 772, 773: DES 24-volt	1250	8D(2,4)	153-5720	101-4000	—	—	8C-3624	—	—	—	—
769D	950	4D(2)	153-5700	9X-9720	153-5710	—	8C-3623 ¥	—	—	—	—
771D, 773D	1250	8D(2)	153-5720	101-4000	—	—	8C-3624	—	—	—	—
775B, 777: DES 24-volt	1000	4D(2,4)	153-5700	9X-9720	153-5710	—	—	—	—	—	—
Optional	1250	8D(2,4)	153-5720	101-4000	—	—	8C-3624	—	—	—	—
776, 777C: DES 24-volt	1250	8D(2,4)	153-5720	101-4000	—	—	8C-3624	—	—	—	—
775D, 776D, 777D	1300	4D(2)	9X-9730	—	—	—	—	—	—	—	—
784D	950	31(2)SAE	115-2422	115-2421	9X-3404	—	—	—	—	—	—
785, 789, 793: Air 12-volt	700	31(1,2)SAE	3T-5760	115-2422	115-2421	9X-3404	8C-3627	—	—	—	—
785B, 789B, 793B: DES 24-volt	750	31(2)SAE	3T-5760	115-2422	115-2421	9X-3404	8C-3627	—	—	—	—
785C, 789C, 793C, 797	950	31(2)SAE	115-2422	115-2421	9X-3404	—	—	—	—	—	—
D22, -25, -30C, -35CHD: DES 24-volt	950	4D(2)	153-5700	9X-9720	153-5710	—	8C-3623 ¥	—	—	—	—
D44B, D550: DES 24-volt	1250	8D(2)	153-5720	101-4000	—	—	8C-3624	—	—	—	—
D250B, -275, -300, -330, -350, -400: DES 24-volt	950	4D(2)	153-5700	9X-9720	153-5710	—	8C-3623 ¥	—	—	—	—
<b>PAVING PRODUCTS</b>											
836: DES 24-volt	750	31(4)SAE	3T-5760	115-2422	115-2421	9X-3404	8C-3627	—	—	—	—
AP200	650	27	153-5656	—	—	—	8C-3601	3T-5857	127-0824 ≠	3E-8925	9X-1383
AP650, AP1055, AP1055B, AP1000B, AP1050B, AP800C, BG220, BG225, BG230, BG240, BG245, BG260, BG265, BG270, BG730, BG750, BG2455C	950	31(2)SAE	115-2422	115-2421	9X-3404	—	—	—	—	—	—
AP1200, AP800; AP1000: DES 24-volt	950	4D	153-5700	9X-9720	153-5710	—	8C-3623 ¥	—	—	—	—
AP1050: DES 12-volt	950	4D	153-5700	9X-9720	153-5710	—	8C-3623 ¥	—	—	—	—
AP1100	425	24	153-5656	—	—	—	3T-5857	127-0824 ≠	8C-3600 ≠	9X-1383	—
AP1000: DES 24-volt	1000	4D	153-5700	9X-9720	153-5710	—	—	—	—	—	—
AP200B: DES 24-volt	750	31SAE	3T-5760	115-2422	115-2421	9X-3404	8C-3627	—	—	—	—
CB214, CB224: DES 12-volt	650	27F	—	—	—	—	8C-3602	3T-5858	127-0824 ≠	9X-1382	—
CB214C, CB224C: DES 24-volt, CB334D, -335D, -434C, -534C, -634C	750	31(1,2)SAE	3T-5760	115-2422	115-2421	9X-3404	8C-3627	—	—	—	—
CB314	650	27	153-5656	—	—	—	8C-3601	3T-5857	127-0824 ≠	3E-8925	9X-1383
CB414	625	29H	3T-5760	115-2422	115-2421	153-5656 ≠	8C-3627	—	—	—	—
CB424: DES 12-volt	730	49	—	—	—	—	8C-3605 ¥	—	—	—	—
CB434: DES 24-volt	700	31(2)SAE	3T-5760	115-2422	115-2421	9X-3404	8C-3627	—	—	—	—
CB514	950	4D	153-5700	9X-9720	153-5710	—	8C-3623 ¥	—	—	—	—
CB534, CB614: DES 12-volt	650	27F	—	—	—	—	8C-3602	3T-5858	127-0824 ≠	9X-1382	—
DES 24-volt	950	4D(2)	153-5700	9X-9720	153-5710	—	8C-3623 ¥	—	—	—	—
CB534B: DES 24-volt	750	31(2)SAE	3T-5760	115-2422	115-2421	9X-3404	8C-3627	—	—	—	—
CB614: DES 12-volt	650	27	153-5656	—	—	—	8C-3601	3T-5857	127-0824 ≠	3E-8925	9X-1383
CB624: DES 12-volt	730	49	—	—	—	—	8C-3605 ¥	—	—	—	—
CB634, CP563, CS563: DES 24-volt	750	31(2)SAE	3T-5760	115-2422	115-2421	9X-3404	8C-3627	—	—	—	—
CB514	900	4D	153-5700	9X-9720	153-5710	—	8C-3623	—	—	—	—
CB534: DES 12-volt	650	27F	—	—	—	—	8C-3602	3T-5858	127-0824 ≠	9X-1382	—
DES 24-volt	900	4D(2)	153-5700	9X-9720	153-5710	—	8C-3623	—	—	—	—
CP323, CP433, CP533, CS431, CS443	950	4D	153-5700	9X-9720	153-5710	—	8C-3623 ¥	—	—	—	—
CP323C, CP433C, CS323C, CS431C, CS433C, CS563C, CS583C, PF300B, PF360B, PS150B, PS200B, PS300B	750	31(1,2)SAE	3T-5760	115-2422	115-2421	9X-3404	8C-3627	—	—	—	—
CP533, CP563: DES 24-volt	750	31(2)SAE	3T-5760	115-2422	115-2421	9X-3404	8C-3627	—	—	—	—
CP643, CP653: DES 24-volt	950	4D(2)	153-5700	9X-9720	153-5710	—	8C-3623 ¥	—	—	—	—
CS323: DES 12-volt	650	27	153-5656	—	—	—	8C-3601	3T-5857	127-0824 ≠	3E-8925	9X-1383
CS433B, CS531, CS533: DES 24-volt	750	31(2)SAE	3T-5760	115-2422	115-2421	9X-3404	8C-3627	—	—	—	—

**PROPOSITION 65 WARNING:** Battery posts, terminals and related accessories contain lead and lead compounds, chemicals known to the state of California to cause cancer and reproductive harm. **Wash hands after handling.**

Premium High Output batteries should be your first choice for all earth moving applications. Option 1 in each category is the preferred size. Refer to page 13 for explanation of Caterpillar Equipment replacement footnotes.

BATTERY SAFETY | CATERPILLAR EQUIP. | INDUSTRIAL EQUIPMENT | FARM EQUIPMENT | TRUCKS & BUSES | AUTO & LTV | L & G / SMALL ENGINE | REFERENCE

# CATERPILLAR EQUIPMENT

## PAVING PRODUCTS — TRACK-TYPE TRACTORS



**IMPORTANT NOTE: BATTERIES CAN EXPLODE!** Always wear safety glasses AND shield eyes when working around batteries. Always check for proper polarity and sufficient terminal clearance BEFORE final installation to avoid dangerous sparks, potential explosion, possible severe personal injury and/or expensive electrical system and/or vehicle/equipment damage. Always check for proper polarity and sufficient clearances before connecting cables and closing hood or covers.

EQUIPMENT TYPE YEAR/MODEL	CCA @ 0°F	O. E. BCI NO.	PREMIUM HIGH OUTPUT				GENERAL SERVICE LINE				
			OPTION 1	OPTION 2	OPTION 3	OPTION 4	U.S. ONLY			OPTION 1	OPTION 2
							OPTION 1	OPTION 2	OPTION 3		
<b>Paving Products (continued)</b>											
CS551, CS553	950	4D	153-5700	9X-9720	153-5710	—	8C-3623 ¥	—	—	—	—
CS563, CS583: DES 24-volt	750	31(2)SAE	3T-5760	115-2422	115-2421	9X-3404	8C-3627	—	—	—	—
CS643, CS653: DES 24-volt	950	4D(2)	153-5700	9X-9720	153-5710	—	8C-3623 ¥	—	—	—	—
ER1000: DES 24-volt	950	4D(2)	153-5700	9X-9720	153-5710	—	8C-3623 ¥	—	—	—	—
PF-, PS300: DES 24-volt	730	49(2)	—	—	—	—	8C-3605 ¥	—	—	—	—
PF500: DES 12-volt	650	27F	—	—	—	—	8C-3602	3T-5858	127-0824 ≠	9X-1382	—
PM465	1100	4D(2)	153-5700	153-5710	9X-9720 ¥	—	—	—	—	—	—
PM800, PR275, -450, -450C, -565B, -750B, -1000, PM565B	1250	8D(2)	153-5720	101-4000	—	—	8C-3624	—	—	—	—
PR75, PR750	650	27	153-5656	—	—	—	8C-3601	3T-5857	127-0824 ≠	3E-8925	9X-1383
PR105, SF175	425	24	153-5656	—	—	—	3T-5857	127-0824 ≠	8C-3600 ≠	9X-1383	—
PR250, RR250	900	4D(1,2)	153-5700	9X-9720	153-5710	—	8C-3623	—	—	—	—
PS110, PS130, PS180	625	29H	3T-5760	115-2422	115-2421	153-5656 ≠	8C-3627	—	—	—	—
PST300, RL200, TST300, TR500, TS500	1250	8D(2)	153-5720	101-4000	—	—	8C-3624	—	—	—	—
RR250B, RM350B, SM350, SS250, SS250B	950	4D(2)	153-5700	9X-9720	153-5710	—	8C-3623 ¥	—	—	—	—
SF250, -350, -400, -450, -500, -550, -750	1250	8D(1,2)	153-5720	101-4000	—	—	8C-3624	—	—	—	—
TC250, TF250, TR250, TS250, WE601B, WE851B	425	24	153-5656	—	—	—	3T-5857	127-0824 ≠	8C-3600 ≠	9X-1383	—
TSF54, TSM54	650	27	153-5656	—	—	—	8C-3601	3T-5857	127-0824 ≠	3E-8925	9X-1383
<b>PIPELAYERS</b>											
561, 571: GSE 12-volt	425	24	153-5656	—	—	—	3T-5857	127-0824 ≠	8C-3600 ≠	9X-1383	—
DES 6-volt	660	2(4)	153-5690	—	—	—	8C-3629	—	—	—	—
DES 12-, 24-volt	950	4D(2)	153-5700	9X-9720	153-5710	—	8C-3623 ¥	—	—	—	—
561M, 583, 583R	750	31(2,4)SAE	3T-5760	115-2422	115-2421	9X-3404	8C-3627	—	—	—	—
572: GSE 6-volt	660	2	153-5690	—	—	—	8C-3629	—	—	—	—
GSE 12-volt	425	24	153-5656	—	—	—	3T-5857	127-0824 ≠	8C-3600 ≠	9X-1383	—
DES 12-, 24-volt	950	4D(2)	153-5700	9X-9720	153-5710	—	8C-3623 ¥	—	—	—	—
572R	950	4D(2)	—	153-5700	9X-9720	9X-9730	8C-3623 ¥	—	—	—	—
578: GSE 24-volt	950	4D(2)	153-5700	9X-9720	153-5710	—	8C-3623 ¥	—	—	—	—
Optional	1250	8D(2)	153-5720	101-4000	—	—	8C-3624	—	—	—	—
583, 594: GSE 12-volt	425	24	153-5656	—	—	—	3T-5857	127-0824 ≠	8C-3600 ≠	9X-1383	—
GSE 6-volt	425	2(4)	153-5690	—	—	—	8C-3629	—	—	—	—
DES 12-, 24-volt	1250	8D(2)	153-5720	101-4000	—	—	8C-3624	—	—	—	—
589: DES 24-volt	950	4D(2,4)	153-5700	9X-9720	153-5710	—	8C-3623 ¥	—	—	—	—
591: DES 24-volt	1250	8D(4)	153-5720	101-4000	—	—	8C-3624	—	—	—	—
<b>SKID STEER LOADER</b>											
216, 226, 228, 236, 246, 248	650	24	153-5656	—	—	—	3T-5857	127-0824 ≠	—	9X-1383	—
<b>TELESCOPIC HANDLERS</b>											
TH62, TH63, TH82, TH83, TH103	750	31(1,2)SAE	3T-5760	115-2422	115-2421	9X-3404	8C-3627	—	—	—	—
<b>TRACK-TYPE TRACTORS</b>											
D2: GSE, DES 6-volt	660	2(1,4)	153-5690	—	—	—	8C-3629	—	—	—	—
D2: 12-volt	400	3EE(2)	—	—	—	—	8C-3620	—	—	—	—
D3: DES 12-volt	950	4D	153-5700	9X-9720	153-5710	—	8C-3623 ¥	—	—	—	—
D3C All: DES 24-volt	900	31(1,2)SAE	115-2422	115-2421	9X-3404	—	—	—	—	—	—
D4: GSE 6-volt	660	2	153-5690	—	—	—	8C-3629	—	—	—	—
GSE 12-volt	425	24	153-5656	—	—	—	3T-5857	127-0824 ≠	8C-3600 ≠	9X-1383	—
DES 6-volt	660	2(4)	153-5690	—	—	—	8C-3629	—	—	—	—
DES 12-volt	950	4D(2)	153-5700	9X-9720	153-5710	—	8C-3623 ¥	—	—	—	—
DES 24-volt	625	29H(2)	3T-5760	115-2422	115-2421	153-5656 ≠	8C-3627	—	—	—	—
D4B: DES 12-volt	950	4D	153-5700	9X-9720	153-5710	—	8C-3623 ¥	—	—	—	—
Optional	1250	8D	153-5720	101-4000	—	—	8C-3624	—	—	—	—
D4C All: DES 24-volt	1000	4D	153-5700	9X-9720	153-5710	—	—	—	—	—	—
D4H, D4HXL: DES 24-volt	700	31(2)SAE	3T-5760	115-2422	115-2421	9X-3404	8C-3627	—	—	—	—
D5: GSE 12-volt	425	24	153-5656	—	—	—	3T-5857	127-0824 ≠	8C-3600 ≠	9X-1383	—

**PROPOSITION 65 WARNING:** Battery posts, terminals and related accessories contain lead and lead compounds, chemicals known to the state of California to cause cancer and reproductive harm. **Wash hands after handling.**

Premium High Output batteries should be your first choice for all earth moving applications. Option 1 in each category is the preferred size. Refer to page 13 for explanation of Caterpillar Equipment replacement footnotes.

TRACK-TYPE TRACTORS — WHEEL & TRACK-TYPE LOADERS & DOZERS

**IMPORTANT NOTE: BATTERIES CAN EXPLODE! Always wear safety glasses AND shield eyes when working around batteries. Always check for proper polarity and sufficient terminal clearance BEFORE final installation to avoid dangerous sparks, potential explosion, possible severe personal injury and/or expensive electrical system and/or vehicle/equipment damage. Always check for proper polarity and sufficient clearances before connecting cables and closing hood or covers.**

EQUIPMENT TYPE YEAR/MODEL	CCA @ 0°F	O. E. BCI NO.	PREMIUM HIGH OUTPUT				GENERAL SERVICE LINE				
			OPTION 1	OPTION 2	OPTION 3	OPTION 4	U.S. ONLY				
							OPTION 1	OPTION 2	OPTION 3	OPTION 1	OPTION 2
<b>Track-Types Tractors (continued)</b>											
DES 12-volt	950	4D(2)	153-5700	9X-9720	153-5710	—	8C-3623 ¥	—	—	—	—
DES 24-volt	625	29H(2)	3T-5760	115-2422	115-2421	153-5656 ≠	8C-3627	—	—	—	—
D5C All	900	31(2)SAE	115-2422	115-2421	9X-3404	—	—	—	—	—	—
D5E, D5H, D5HXL: DES 24-volt	750	31(2)SAE	3T-5760	115-2422	115-2421	9X-3404	8C-3627	—	—	—	—
D5M, D6M All	750	31(2)SAE	3T-5760	115-2422	115-2421	9X-3404	8C-3627	—	—	—	—
D6: GSE 6-volt	660	2	153-5690	—	—	—	8C-3629	—	—	—	—
GSE 12-volt	425	24	153-5656	—	—	—	3T-5857	127-0824 ≠	8C-3600 ≠	9X-1383	—
DES 6-volt	660	2(4)	153-5690	—	—	—	8C-3629	—	—	—	—
DES 12-volt	950	4D(2)	153-5700	9X-9720	153-5710	—	8C-3623 ¥	—	—	—	—
DES 24-volt	625	29H(2)	3T-5760	115-2422	115-2421	153-5656 ≠	8C-3627	—	—	—	—
Older Models: Electric Start	400	3EE(2)	—	—	—	—	8C-3620	—	—	—	—
D6D, D6H: DES 24-volt	750	31(2)SAE	3T-5760	115-2422	115-2421	9X-3404	8C-3627	—	—	—	—
Optional	950	4D(2)	153-5700	9X-9720	153-5710	—	8C-3623 ¥	—	—	—	—
D6G, D6R All	750	31(2)SAE	3T-5760	115-2422	115-2421	9X-3404	8C-3627	—	—	—	—
D6HXL, D6HXR: DES 24-volt	750	31(2)SAE	3T-5760	115-2422	115-2421	9X-3404	8C-3627	—	—	—	—
D7, D8: GSE 6-volt	660	2	153-5690	—	—	—	8C-3629	—	—	—	—
GSE 12-volt	425	24	153-5656	—	—	—	3T-5857	127-0824 ≠	8C-3600 ≠	9X-1383	—
DES 12-, 24-volt	950	4D(2)	153-5700	9X-9720	153-5710	—	8C-3623 ¥	—	—	—	—
DES 12-, 24-volt	1250	8D(2)	153-5720	101-4000	—	—	8C-3624	—	—	—	—
D7G, D7H, D7R, D8L, D8N: DES 24-volt	950	4D(2,4)	153-5700	9X-9720	153-5710	—	8C-3623 ¥	—	—	—	—
Optional	1250	8D(2)	153-5720	101-4000	—	—	8C-3624	—	—	—	—
Optional	750	31(2)SAE	3T-5760	115-2422	115-2421	9X-3404	8C-3627	—	—	—	—
D8R All	750	31(4)SAE	3T-5760	115-2422	115-2421	9X-3404	8C-3627	—	—	—	—
D9: GSE 6-volt	660	2	153-5690	—	—	—	8C-3629	—	—	—	—
GSE 12-volt	425	24	153-5656	—	—	—	3T-5857	127-0824 ≠	8C-3600 ≠	9X-1383	—
DES 12-, 24-volt	1250	8D(2)	153-5720	101-4000	—	—	8C-3624	—	—	—	—
D9L, D9N: DES 24-volt	950	4D(2,4)	153-5700	9X-9720	153-5710	—	8C-3623 ¥	—	—	—	—
Optional	1250	8D(2,4)	153-5720	101-4000	—	—	8C-3624	—	—	—	—
D9R, D10R	1300	4D(2)	9X-9730	—	—	—	—	—	—	—	—
D10, D10N, D11N: DES 24-volt	1250	8D(2,4)	153-5720	101-4000	—	—	8C-3624	—	—	—	—
D11R	1300	4D(4)	9X-9730	—	—	—	—	—	—	—	—
<b>TRACK AND WHEELED MATERIAL HANDLERS</b>											
320BMH, 325BMH, 330BMH, 345BMH, 350MH	750	31(2)SAE	3T-5760	115-2422	115-2421	9X-3404	8C-3627	—	—	—	—
375MH	1250	8D(2)	153-5720	101-4000	—	—	8C-3624	—	—	—	—
<b>WHEEL &amp; TRACK SKIDDERS</b>											
517	900	31(2)SAE	115-2422	115-2421	9X-3404	—	—	—	—	—	—
515, 525	750	31(2)SAE	3T-5760	115-2422	115-2421	9X-3404	8C-3627	—	—	—	—
527, 637E	950	4D(2)	153-5700	9X-9720	153-5710	—	8C-3623 ¥	—	—	—	—
<b>WHEEL &amp; TRACK-TYPE LOADERS &amp; DOZERS</b>											
814F	950	4D(2)	153-5700	9X-9720	153-5710	—	8C-3623 ¥	—	—	—	—
824G	750	31(4)SAE	3T-5760	115-2422	115-2421	9X-3404	8C-3627	—	—	—	—
834B	950	4D(2)	153-5700	9X-9720	153-5710	—	8C-3623 ¥	—	—	—	—
844, 854G	1300	4D(2)	153-5710	—	—	—	—	—	—	—	—
910: DES 12-volt	950	4D	153-5700	9X-9720	153-5710	—	—	—	—	—	—
Optional	1250	8D	153-5720	101-4000	—	—	8C-3624	—	—	—	—
DES 24-volt	700	31(2)SAE	3T-5760	115-2422	115-2421	9X-3404	8C-3627	—	—	—	—
910F, 916, 918F: DES 24-volt	750	31(2)SAE	3T-5760	115-2422	115-2421	9X-3404	8C-3627	—	—	—	—
920: DES 6-volt	660	2(4)	153-5690	—	—	—	8C-3629	—	—	—	—
DES 12-volt	950	4D(2)	153-5700	9X-9720	153-5710	—	8C-3623 ¥	—	—	—	—
DES 24-volt	625	29H(2)	3T-5760	115-2422	115-2421	153-5656 ≠	8C-3627	—	—	—	—
922, 930: DES 6-volt	660	2(2,4)	153-5690	—	—	—	8C-3629	—	—	—	—
GSE 12-volt	425	24	153-5656	—	—	—	3T-5857	127-0824 ≠	8C-3600 ≠	9X-1383	—
926: DES 24-volt	700	31(2)SAE	3T-5760	115-2422	115-2421	9X-3404	8C-3627	—	—	—	—
931, 935: DES 12-volt	950	4D	153-5700	9X-9720	153-5710	—	8C-3623 ¥	—	—	—	—
Optional	1250	8D	153-5720	101-4000	—	—	8C-3624	—	—	—	—
933C, 939C	900	31SAE	115-2422	115-2421	9X-3404	—	—	—	—	—	—

**PROPOSITION 65 WARNING:** Battery posts, terminals and related accessories contain lead and lead compounds, chemicals known to the state of California to cause cancer and reproductive harm. **Wash hands after handling.**

Premium High Output batteries should be your first choice for all earth moving applications. Option 1 in each category is the preferred size. Refer to page 13 for explanation of Caterpillar Equipment replacement footnotes.

## CATERPILLAR EQUIPMENT

## WHEEL &amp; TRACK-TYPE LOADERS AND DOZERS — WHEEL TRACTOR SCRAPERS



**IMPORTANT NOTE: BATTERIES CAN EXPLODE! Always wear safety glasses AND shield eyes when working around batteries. Always check for proper polarity and sufficient terminal clearance BEFORE final installation to avoid dangerous sparks, potential explosion, possible severe personal injury and/or expensive electrical system and/or vehicle/equipment damage. Always check for proper polarity and sufficient clearances before connecting cables and closing hood or covers.**

EQUIPMENT TYPE YEAR/MODEL	CCA @ 0°F	O. E. BCI NO.	PREMIUM HIGH OUTPUT				GENERAL SERVICE LINE					
			OPTION 1	OPTION 2	OPTION 3	OPTION 4	U.S. ONLY			OPTION 1	OPTION 2	
							OPTION 1	OPTION 2	OPTION 3			
<b>Wheel &amp; Track-Type Loader &amp; Dozers (continued)</b>												
933: GSE 6-volt	660	2	153-5690	—	—	—	—	8C-3629	—	—	—	—
GSE 12-volt	425	24	153-5656	—	—	—	—	3T-5857	127-0824 ≠	8C-3600 ≠	9X-1383	—
DES 12-volt	660	2(4)	153-5690	—	—	—	—	8C-3629	—	—	—	—
936, 936F: DES 24-volt	700	31(2)SAE	3T-5760	115-2422	115-2421	9X-3404	—	8C-3627	—	—	—	—
Optional	1000	4D(2)	153-5700	9X-9720	153-5710	—	—	—	—	—	—	—
941: DES 6-volt	660	2(2)	153-5690	—	—	—	—	8C-3629	—	—	—	—
943: DES 24-volt	625	29H(2)	3T-5760	115-2422	115-2421	153-5656 ≠	—	8C-3627	—	—	—	—
Optional	950	4D(2)	153-5700	9X-9720	153-5710	—	—	8C-3623 ¥	—	—	—	—
Optional	700	31(2)SAE	3T-5760	115-2422	115-2421	9X-3404	—	8C-3627	—	—	—	—
944, 944A, 950: GSE 12-volt	425	24	153-5656	—	—	—	—	3T-5857	127-0824 ≠	8C-3600 ≠	9X-1383	—
DES 6-volt	660	2(2,4)	153-5690	—	—	—	—	8C-3629	—	—	—	—
DES 12-volt	950	4D(2)	153-5700	9X-9720	153-5710	—	—	8C-3623 ¥	—	—	—	—
DES 24-volt	625	29H(2)	3T-5760	115-2422	115-2421	153-5656 ≠	—	8C-3627	—	—	—	—
Optional	700	31(2)SAE	3T-5760	115-2422	115-2421	9X-3404	—	8C-3627	—	—	—	—
950F: DES 24-volt	1000	4D(2)	153-5700	9X-9720	153-5710	—	—	—	—	—	—	—
Optional	750	31(2)SAE	3T-5760	115-2422	115-2421	9X-3404	—	8C-3627	—	—	—	—
951: DES 6-volt	660	2(4)	153-5690	—	—	—	—	8C-3629	—	—	—	—
953C, 963C, 963BWH	750	31(2)SAE	3T-5760	115-2422	115-2421	9X-3404	—	8C-3627	—	—	—	—
953: DES 24-volt	625	29H(2)	3T-5760	115-2422	115-2421	153-5656 ≠	—	8C-3627	—	—	—	—
Optional	950	4D(2)	153-5700	9X-9720	153-5710	—	—	8C-3623 ¥	—	—	—	—
Optional	700	31(2)SAE	3T-5760	115-2422	115-2421	9X-3404	—	8C-3627	—	—	—	—
953D: DES 24-volt	750	31(2)SAE	3T-5760	115-2422	115-2421	9X-3404	—	8C-3627	—	—	—	—
955: GSE 6-volt	660	2	153-5690	—	—	—	—	8C-3629	—	—	—	—
GSE 12-volt	425	24	153-5656	—	—	—	—	3T-5857	127-0824 ≠	8C-3600 ≠	9X-1383	—
DES 6-volt	660	2(4)	153-5690	—	—	—	—	8C-3629	—	—	—	—
DES 12-, 24-volt	950	4D(2)	153-5700	9X-9720	153-5710	—	—	8C-3623 ¥	—	—	—	—
960F, 963: DES 24-volt	1000	4D(2)	153-5700	9X-9720	9X-9730	—	—	—	—	—	—	—
Optional	700	31(2)SAE	3T-5760	115-2422	115-2421	9X-3404	—	8C-3627	—	—	—	—
966: GSE 12-volt	425	24	153-5656	—	—	—	—	3T-5857	127-0824 ≠	8C-3600 ≠	9X-1383	—
DSE: 24-volt	660	2(4)	153-5690	—	—	—	—	8C-3629	—	—	—	—
Optional	950	4D(2)	153-5700	9X-9720	153-5710	—	—	8C-3623 ¥	—	—	—	—
Optional	1250	8D(2)	153-5720	101-4000	—	—	—	8C-3624	—	—	—	—
Optional	700	31(2,4)SAE	3T-5760	115-2422	115-2421	9X-3404	—	8C-3627	—	—	—	—
966F, 970F, 973: DES 24-volt	1000	4D(1,2)	153-5700	9X-9720	153-5710	—	—	—	—	—	—	—
977, 980: GSE: 6-volt	660	2	153-5690	—	—	—	—	8C-3629	—	—	—	—
GSE 12-volt	425	24	153-5656	—	—	—	—	3T-5857	127-0824 ≠	8C-3600 ≠	9X-1383	—
DES 6-volt	660	2(4)	153-5690	—	—	—	—	8C-3629	—	—	—	—
DES 12-, 24-volt	950	4D(2)	153-5700	9X-9720	153-5710	—	—	8C-3623 ¥	—	—	—	—
Optional	1250	8D(2)	153-5720	101-4000	—	—	—	8C-3624	—	—	—	—
980F, 983: DES 24-volt	1000	4D(2)	153-5700	9X-9720	153-5710	—	—	—	—	—	—	—
Optional	1250	8D(2)	153-5720	101-4000	—	—	—	8C-3624	—	—	—	—
Optional	750	31(4)SAE	3T-5760	115-2422	115-2421	9X-3404	—	8C-3627	—	—	—	—
988: GSE 12-volt	425	24	153-5656	—	—	—	—	3T-5857	127-0824 ≠	8C-3600 ≠	9X-1383	—
DES 24-volt	950	4D(2)	153-5700	9X-9720	153-5710	—	—	8C-3623 ¥	—	—	—	—
Optional	1250	8D(2)	153-5720	101-4000	—	—	—	8C-3624	—	—	—	—
900: DES 24-volt	1000	4D(4)	153-5700	9X-9720	153-5710	—	—	—	—	—	—	—
988F, 992D: DES 24-volt	750	31(4)SAE	3T-5760	115-2422	115-2421	9X-3404	—	8C-3627	—	—	—	—
992, 994: Air/DES 24-volt	1250	8D(2,4,6)	153-5720	101-4000	—	—	—	8C-3624	—	—	—	—
<b>WHEEL TRACTOR SCRAPERS</b>												
613: DES 6-volt	660	2(4)	153-5690	—	—	—	—	8C-3629	—	—	—	—
DES 24-volt	625	29H(2)	3T-5760	115-2422	115-2421	153-5656 ≠	—	8C-3627	—	—	—	—
Optional	950	4D(2)	153-5700	9X-9720	153-5710	—	—	8C-3623 ¥	—	—	—	—
Optional	700	31(2)SAE	3T-5760	115-2422	115-2421	9X-3404	—	8C-3627	—	—	—	—
615: DES 12-volt	900	4D(2)	153-5700	9X-9720	153-5710	—	—	8C-3623	—	—	—	—
Optional	700	31(2,4)SAE	3T-5760	115-2422	115-2421	9X-3404	—	8C-3627	—	—	—	—
615C, 621F: DES 24-volt	750	31(1,2,4)SAE	3T-5760	115-2422	115-2421	9X-3404	—	8C-3627	—	—	—	—
619: GSE 6-volt	660	2	153-5690	—	—	—	—	8C-3629	—	—	—	—
GSE 12-volt	425	24	153-5656	—	—	—	—	3T-5857	127-0824 ≠	8C-3600 ≠	9X-1383	—
DES 24-volt	660	2(4)	153-5690	—	—	—	—	8C-3629	—	—	—	—
Optional	950	4D(2)	153-5700	9X-9720	153-5710	—	—	8C-3623 ¥	—	—	—	—

**PROPOSITION 65 WARNING:** Battery posts, terminals and related accessories contain lead and lead compounds, chemicals known to the state of California to cause cancer and reproductive harm. **Wash hands after handling.**

Premium High Output batteries should be your first choice for all earth moving applications. Option 1 in each category is the preferred size. Refer to page 13 for explanation of Caterpillar Equipment replacement footnotes.

# CATERPILLAR EQUIPMENT WHEEL TRACTOR SCRAPERS

BATTERY SAFETY

CATERPILLAR EQUIP.

INDUSTRIAL EQUIPMENT

FARM EQUIPMENT

TRUCKS & BUSES

AUTO & LTV

L & G / SMALL ENGINE

REFERENCE

**IMPORTANT NOTE: BATTERIES CAN EXPLODE! Always wear safety glasses AND shield eyes when working around batteries. Always check for proper polarity and sufficient terminal clearance BEFORE final installation to avoid dangerous sparks, potential explosion, possible severe personal injury and/or expensive electrical system and/or vehicle/equipment damage. Always check for proper polarity and sufficient clearances before connecting cables and closing hood or covers.**

EQUIPMENT TYPE YEAR/MODEL	CCA @ 0°F	O. E. BCI NO.	PREMIUM HIGH OUTPUT				GENERAL SERVICE LINE					
			OPTION 1	OPTION 2	OPTION 3	OPTION 4	U.S. ONLY			OPTION 1	OPTION 2	
							OPTION 1	OPTION 2	OPTION 3			
<b>Wheel Tractor Scrapers (continued)</b>												
621: GSE 12-volt	425	24	153-5656	—	—	—	—	3T-5857	127-0824 ≠	8C-3600 ≠	9X-1383	—
DES 24-volt	950	4D(2)	153-5700	9X-9720	153-5710	—	—	8C-3623 ¥	—	—	—	—
Optional	1250	8D(2)	153-5720	101-4000	—	—	—	8C-3624	—	—	—	—
Optional	700	31(4)SAE	3T-5760	115-2422	115-2421	9X-3404	—	8C-3627	—	—	—	—
623, 627: DES 24-volt	950	4D(2)	153-5700	9X-9720	153-5710	—	—	8C-3623 ¥	—	—	—	—
Optional	1250	8D(2)	153-5720	101-4000	—	—	—	8C-3624	—	—	—	—
Optional	700	31(2,4)SAE	3T-5760	115-2422	115-2421	9X-3404	—	8C-3627	—	—	—	—
623F, 627F: DES 24-volt	750	31(4)SAE	3T-5760	115-2422	115-2421	9X-3404	—	8C-3627	—	—	—	—
630, 631, 632, 641, 650, 651, 657: GSE 12-volt	425	24(1,2)	153-5656	—	—	—	—	3T-5857	127-0824 ≠	8C-3600 ≠	9X-1383	—
DES 24-volt	1250	8D(2)	153-5720	101-4000	—	—	—	8C-3624	—	—	—	—
DES 24-volt	950	4D(2)	153-5700	9X-9720	153-5710	—	—	8C-3623 ¥	—	—	—	—
Optional	700	31(4)SAE	3T-5760	115-2422	115-2421	9X-3404	—	8C-3627	—	—	—	—
631E, 633E	750	31(4)SAE	3T-5760	115-2422	115-2421	9X-3404	—	8C-3627	—	—	—	—
633, 637, 639: DES 24-volt, 637E	950	4D(2)	153-5700	9X-9720	153-5710	—	—	8C-3623 ¥	—	—	—	—
Optional	1250	8D(2)	153-5720	101-4000	—	—	—	8C-3624	—	—	—	—
Optional	700	31(2,4)SAE	3T-5760	115-2422	115-2421	9X-3404	—	8C-3627	—	—	—	—
651E, 657E(T), 657(S)	1250	8D(2)	153-5720	101-4000	—	—	—	8C-3624	—	—	—	—
660, 666: GSE 12-volt	425	24(1,2)	153-5656	—	—	—	—	3T-5857	127-0824 ≠	8C-3600 ≠	9X-1383	—
DES 24-volt	950	4D(2)	153-5700	9X-9720	153-5710	—	—	8C-3623 ¥	—	—	—	—
Optional	1250	8D(2)	153-5720	101-4000	—	—	—	8C-3624	—	—	—	—
Optional	700	31(4)SAE	3T-5760	115-2422	115-2421	9X-3404	—	8C-3627	—	—	—	—
776C: DES 24-volt	1250	8D(2)	153-5720	101-4000	—	—	—	8C-3624	—	—	—	—
784B: DES 24-volt	750	31(2)SAE	3T-5760	115-2422	115-2421	9X-3404	—	8C-3627	—	—	—	—

**Caterpillar Equipment Replacement Footnotes:**

- ¥ Check O.E. CCA requirements. Replacement CCA may not be sufficient.
- ∞ European supplied battery, no BCI equivalent.
- ≠ Battery hold-down may need to be replaced and/or modified. Battery cable replacement may be necessary.

**PROPOSITION 65 WARNING:** Battery posts, terminals and related accessories contain lead and lead compounds, chemicals known to the state of California to cause cancer and reproductive harm. **Wash hands after handling.**

Premium High Output batteries should be your first choice for all earth moving applications. Option 1 in each category is the preferred size.



**INDUSTRIAL EQUIPMENT****ACKER DRILL DIVISION — ALLIS-CHALMERS CORPORATION**

**IMPORTANT NOTE: BATTERIES CAN EXPLODE! Always wear safety glasses AND shield eyes when working around batteries. Always check for proper polarity and sufficient terminal clearance BEFORE final installation to avoid dangerous sparks, potential explosion, possible severe personal injury and/or expensive electrical system and/or vehicle/equipment damage. Always check for proper polarity and sufficient clearances before connecting cables and closing hood or covers.**

MAKE EQUIPMENT TYPE YEAR/MODEL	CCA @ 0°F	O.E. BCI NO.	REPLACEMENT	
			OPTION 1	OPTION 2
<b>ACKER DRILL DIVISION</b>				
<b>CHRISTENSEN BOYLES CORPORATION</b>				
<b>Core Drills</b>				
1995-67 Ace, Bushmaster	410	24	153-5656	3T-5857
1995-90 CS1000, CS3000, CS4000, WA-111C	960	4D	153-5700	9X-9720
1995-65 Hillbilly MK-III, Mountaineer: Diesel,	960	4D	153-5700	9X-9720
1995-90 Hillbilly MK-III, Mountaineer: Gas	410	24	153-5656	3T-5857
<b>Earth Auger &amp; Core Drill</b>				
1995-69 AD-II: Diesel	960	4D	153-5700	9X-9720
Gas	410	24	153-5656	3T-5857
1995-86 Soil Max	960	4D	153-5700	9X-9720
1995-82 Soil Sentry, Soil X	410	24	153-5656	3T-5857
<b>Grout Mixer &amp; Pavement Test Drill</b>				
1995-65 Colgrouter, PT-22	410	24	153-5656	3T-5857
<b>Multi-Purpose Drill</b>				
1995-77 MP-MK-V, MP-18, CS2000	960	4D	153-5700	9X-9720
<b>Pumping Station</b>				
<i>All w/ electric start:</i>				
1995-75 Lister TS-2A, 3T2-A, Deutz F3L-912	960	4D	153-5700	9X-9720
1995-68 All other engines	410	24	153-5656	3T-5857
<b>Rotary Drill</b>				
1995-72 WA-II, WA-III C	960	4D	153-5700	9X-9720
<b>Soil Sampling Drill</b>				
1993-67 Teredo MK-II: Diesel	960	4D	153-5700	9X-9720
Gas	410	24	153-5656	3T-5857
<b>Tie Back Drill</b>				
1995-73 Hologater, Under Core Drill CS-1000	960	4D	153-5700	9X-9720
<b>ACME MACHINERY INC.</b>				
<b>Loader</b>				
1986-79 S1-D1 Deutz	840	4D(4)	153-5700	9X-9720
<b>ADAMS, J.D.</b>				
<i>See "HAULPACK"</i>				
<b>AKERMAN HW INC.</b>				
<i>Formerly "HEIN-WERNER CORPORATION"</i>				
<b>Hydraulic Excavators</b>				
1982-74 C-12B, C-14B, C-24, C-28	845	8D(1,2)	153-5720	101-4000
<b>ALLIED SYSTEMS CO.</b>				
<b>WAGNER DIVISION</b>				
<i>Formerly "RAYGO-WAGNER"</i>				
<b>Coil Carrier</b>				
1981-74 CP-90, SW-600	930	8D(2)	153-5720	101-4000

MAKE EQUIPMENT TYPE YEAR/MODEL	CCA @ 0°F	O.E. BCI NO.	REPLACEMENT	
			OPTION 1	OPTION 2
<b>Compactors</b>				
1975-62 All RAM & RAM PAK Models	930	8D	153-5720	101-4000
1965-62 WC-24	695	4D(2)	153-5700	9X-9720
<b>Lift Trucks</b>				
1973-62 All	930	8D(2)	153-5720	101-4000
<b>Log Stackers</b>				
1985-63 L-24, L-40, LHR-45, L-70, L-80, AP-45, MH-80	930	8D(2)	153-5720	101-4000
1970-64 L-24 Super, L-60, L-80	695	4D(2)	153-5700	9X-9720
1987-62 L-90, -100, -120, -130, -130B, -130H, LF90	1000	8D(2)	153-5720	101-4000
1987-76 L-470, -480, -490, -4120	1000	8D(2)	153-5720	101-4000
<b>Port Packers</b>				
1983-69 APR-45, CH-50, -70, MH-80, PC-80, -90	930	8D(2)	153-5720	101-4000
1983-75 PC-9082, NCH-35	930	8D(2)	153-5720	101-4000
<b>Rockhound, Steel Workers &amp; Straddle Carrier</b>				
1987-66 RH-200, SW-80, SW-90, STRAD-80	930	8D(2)	153-5720	101-4000
<b>Wheel Tractors</b>				
1987-66 CB, CD & CHD Series, All; DK-250, SF-430	1000	8D(2)	153-5720	101-4000
1972-66 WA, WC & WSC Series, All except below	1000	8D(4)	153-5720	101-4000
1968-66 WA-14, WSC-10, WI-14, -17, -24	695	4D(2)	153-5700	9X-9720
<b>ALLIS-CHALMERS CORPORATION</b>				
<b>INDUSTRIAL TRACTOR DIVISION</b>				
<i>Additional equipment listed in the Farm Equipment section.</i>				
<b>Dozers</b>				
1966-64 D-30	800	4D(2)	153-5700	9X-9720
1966-63 D-40	950	8D(2)	153-5720	101-4000
<b>Motor Graders</b>				
1967-49 All models ex. D, DD	800	5D(2)	8C-3633	8T-9733 ¥
1967-49 D, DD	500	1(2)	8C-3617	8T-9734
<b>Industrial Tractors</b>				
1968-67 12G	750	6D(2)	153-5700	9X-9720
1978-75 540: Gas, Diesel	305	24	153-5656	3T-5857
1984-70 640, 644: Diesel; 650, 700	580	30H(2)	3T-5760	115-2422
1981-79 705C, 706C, 708C: Gas	580	30H	3T-5760	115-2422
Diesel	945	8D(1,2)	153-5720	101-4000
1984-82 705D, 706D, 708D, 766 Forklifts	580	30H	3T-5760	115-2422
Optional	945	8D	153-5720	101-4000
1984-82 710C, 714C, 7151C Backhoe Loaders	580	30H(1,2)	3T-5760	115-2422
1981-79 714B, 715B: Diesel	580	30H(2)	3T-5760	115-2422
1984-69 706, 715, 816, 840, -B, -C, Loader, 918, 940	580	30H(1,2)	3T-5760	115-2422

**PROPOSITION 65 WARNING:** Battery posts, terminals and related accessories contain lead and lead compounds, chemicals known to the state of California to cause cancer and reproductive harm. **Wash hands after handling.**

**IMPORTANT NOTE: BATTERIES CAN EXPLODE!** Always wear safety glasses AND shield eyes when working around batteries. Always check for proper polarity and sufficient terminal clearance BEFORE final installation to avoid dangerous sparks, potential explosion, possible severe personal injury and/or expensive electrical system and/or vehicle/equipment damage. Always check for proper polarity and sufficient clearances before connecting cables and closing hood or covers.

MAKE EQUIPMENT TYPE YEAR/MODEL	CCA @ 0°F	O.E. BCI NO.	REPLACEMENT	
			OPTION 1	OPTION 2
<b>Early Models</b>				
1967-51 H-3, TL-10G, -12G	400	24	153-5656	3T-5857
1967-60 HD-3	600	2(2)	153-5690	8C-3629
1967-64 H-4, HD-4, TL-10D, -12D	585	30H(1,2)	3T-5760	115-2422
1968-50 HD-6, -11, -15, -16, -20	750	6D(2)	153-5700	153-5720
1968-55 HD-6, -7G, T-16D, TL-10D, -12D	800	4D(1,2)	153-5700	153-5720
1968-53 HD-21, T-160, -200, -260, -260E, TL-40D	950	8D(2)	153-5720	101-4000
1967-55 T-360, -460, -460B, -560, -560C	950	8D(2)	153-5720	101-4000
1965-59 TL-14D: Requires spl order military 6TL	NA	NA	—	—
1966-58 TL-14G, -16D, -16G, -20D, -30D	800	4D	153-5700	9X-9720
1967-65 TL-545D thru TL-745	800	4D(1,2)	153-5700	9X-9720
<b>AMERICAN HOIST &amp; DERRICK CO.</b>				
See "AMHOIST"				
<b>AMERICAN JENBACH CORP.</b>				
See "BURCO INC."				
<b>AMERICAN ROAD EQUIPMENT CO.</b>				
<b>Agri-Loaders, Cotton Commanders &amp; Haymaster</b>				
1976-69 650G, 500, 540SPG	265	3EE	8C-3620	—
Optional	900	8D	153-5720	101-4000
<b>Lift Trucks</b>				
1970-66 620P, -TC, -TI	280	24	153-5656	3T-5857
1970-68 640	545	2	153-5690	8C-3629
1971-66 720, -P	265	3EE	8C-3620	—
<b>Power Sweep</b>				
1976-70 570-S	300	29NF	3T-5858 π	9X-1382 π
<b>AMERICAN STEEL DREDGE</b>				
See "AMHOIST"				
<b>AMHOIST</b>				
<b>AMERICAN HOIST &amp; DERRICK CO. Formerly "AMERICAN STEEL DREDGE"</b>				
<b>Locomotive Cranes</b>				
1976-52 825-, 830-CD, 830-, 840-, 850-, 880DE	925	7D(5)	8C-3635	8T-9731
1962-56 w/ Cat. eng.	600	2	153-5690	8C-3629
w/ GM 6-71 eng.	950	8D	153-5720	101-4000
1963-56 830	950	8D	153-5720	101-4000
1987-74 825GMD, 830DEH, -GMD, 840-, 850-, 855DEH	935	8D(1,2)	153-5720	101-4000
1960-58 840-, 850-, 880DE	1000	9D(5)	8T-9730 ∞	—
1987-68 5030DE, 840DH, -DJH, 855DH, 7030-, 7040DE, 9000	935	8D(2)	153-5720	101-4000
1983-61 9000, 9000DE	925	7D(5)	8C-3635	8T-9731

MAKE EQUIPMENT TYPE YEAR/MODEL	CCA @ 0°F	O.E. BCI NO.	REPLACEMENT	
			OPTION 1	OPTION 2
<b>Power Shovels &amp; Cranes</b>				
1967-55 100, 200 Series	760	4D(1,2)	153-5700	9X-9720
Optional	545	2(2)	153-5690	8C-3629
1987-53 300, 400, 500, 700, 800, 900 Series	935	8D(1,2)	153-5720	101-4000
Optional	545	2(1,5)	153-5690	8C-3629
1967-58 100, 200 Series: All except below w/ Cont. B-427, M-330 Waukesha engines	760	4D(1,2)	153-5700	9X-9720
1987-67 100, 200, 300, 400, 500, 700 (24-volt req. 4 batts.)	935	8D(2,4)	153-5720	101-4000
1987-71 1000, 1100, 7000 Truck, 12210 Series	935	8D(4)	153-5720	101-4000
<b>ATHEY PRODUCTS CORP.</b>				
<b>Blades</b>				
1991-75 AB-6903H, AB-6904H, AB-6905	760	4D	153-5700	9X-9720
1991-88 AB6906	915	31	175-4390	—
<b>Force Feed Loaders</b>				
1977-62 7-11, -G, 125	440	24	153-5656	3T-5857
1991-71 7-11D, 7-12D	760	4D	153-5700	9X-9720
1991-77 7-12	490	30H	3T-5760	115-2422
<b>Mobil Chassis</b>				
1991-87 C-1	760	4D	153-5700	9X-9720
<b>Mobil Sweepers</b>				
1991-76 1TE-3, 1TE-4, 2TE-3, 2TE-4: Ford engine	490	30H	3T-5760	115-2422
GM engine	760	4D	153-5700	9X-9720
1992-91 1TE-4GB, 2TE-4GB	500	30H	3T-5760	115-2422
1993-91 1TE-4DB, -4DBC, 2TE-4DB, 1TE-5DB, 2TE-5DB	900	4D	153-5700	9X-9720
1999-91 1TE-4DHL, 2TE-4DHL, 1TE-4DHLL, 1TE-5DBC	900	4D	153-5700	9X-9720
1999-1993 2TE-4DBC, 2TE-4DHLC, 2TE-5DBC	900	4D	153-5700	9X-9720
1999-85 ABD-1, -2; ABDA-1, -2; ABDB-1, -1C, -1P, -2, -2C, -2P	900	4D	153-5700	9X-9720
1999-85 ABDC-1, -2; AHL-1, -2; AHLA-1, -2	900	4D	153-5700	9X-9720
1999-85 AHLB-1, -1C, -1P, -2, -2C, -2P; AHL-1, -2	900	4D	153-5700	9X-9720
1999-94 H-10B-1, -2	925	31	175-4390	—
<b>Skidders</b>				
1979-72 S97D, S130D, PS130D	760	4D	153-5700	9X-9720
1981-73 PH97	440	24(2)	153-5656	3T-5857
<b>3-Wheel Sweepers</b>				
1991-82 HLD-1, HLD-2, H-10-1, H-10-2	625	31	175-4370	175-4390
<b>ATO, INC.</b>				
See "SMITH, T. L."				
<b>AUSTIN WESTERN</b>				
See "CLARK EQUIPMENT CO., AUSTIN-WESTERN DIVISION"				
<b>AVCO NEW IDEA</b>				
See Farm Equipment section				

**PROPOSITION 65 WARNING:** Battery posts, terminals and related accessories contain lead and lead compounds, chemicals known to the state of California to cause cancer and reproductive harm. **Wash hands after handling.**

BATTERY SAFETY  
CATERPILLAR EQUIP.  
INDUSTRIAL EQUIPMENT  
FARM EQUIPMENT  
TRUCKS & BUSES  
AUTO & LTV  
L & G / SMALL ENGINE  
REFERENCE

**INDUSTRIAL EQUIPMENT**

**BADGER EQUIPMENT CO. — BLAW-KNOX CONSTRUCTION EQUIPMENT COMPANY**



**IMPORTANT NOTE: BATTERIES CAN EXPLODE! Always wear safety glasses AND shield eyes when working around batteries. Always check for proper polarity and sufficient terminal clearance BEFORE final installation to avoid dangerous sparks, potential explosion, possible severe personal injury and/or expensive electrical system and/or vehicle/equipment damage. Always check for proper polarity and sufficient clearances before connecting cables and closing hood or covers.**

MAKE EQUIPMENT TYPE YEAR/MODEL	CCA @ 0°F	O.E. BCI NO.	REPLACEMENT	
			OPTION 1	OPTION 2
<b>BADGER EQUIPMENT CO.</b>				
<b>Excavators</b>				
2000-95 450 Grademaster	975	8D	153-5720	101-4000
2000-82 460 Hydro-Scopic: Upper	600	30H(2)	3T-5760	115-2422
2000-86 660, 670 Hydro-Scopic: Upper	975	8D	153-5720	101-4000
2000-82 460, 666, 670: Carrier	975	8D	153-5720	101-4000
2000-96 1085C, -D Cruz-Air	700	31(2)	175-4370	175-4390
<b>BAKER</b>				
<b>Forklift Trucks</b>				
<i>The listed 6-volt sizes were used during these years: (Check dimensions carefully!)</i>				
1961-58	525	1	8C-3617	8T-9734
	550	2	153-5690	8C-3629
	600	2E	8C-3632 Δ	—
	450	2N	153-5690 #	8C-3629 #
<b>Platform &amp; Shovel loader Trucks</b>				
1961-58 PGF-020-001	450	2N	153-5690 #	8C-3629 #
<b>Traveloader Trucks</b>				
1961-58 All except below	880	6D(1,2)	153-5700	9X-9720
TKF-100-002, 120-002	NA	6TL	—	—
<b>BALDWIN-LIMA-HAMILTON</b>				
<b>See "CLARK EQUIPMENT-CRANE DIVISION"</b>				
<b>BANTAM</b>				
<b>See "KOEHRING COMPANY CRANES &amp; EXCAVATORS"</b>				
<b>BARBER-GREENE CO.</b>				
<i>In the absence of a cranking performance specification supplied by the original equipment manufacturer, the rating shown is based upon battery industry consensus.</i>				
<b>Asphalt Pavers</b>				
1975-74 SA-41	730	4D	153-5700	9X-9720
1973-72 SB-110	410	27	153-5656	8C-3601
1975-73 SB-140, -170, SA-150, SA-190	900	8D	153-5720	101-4000
<b>Trenchers</b>				
1975-73 TA-30, -35, -55, -60, -65, -77, TC-30, TF-30,	730	4D(1,2)	153-5700	9X-9720
1974-73 WL-50	900	8D(2)	153-5720	101-4000
<b>BAY CITY-MANITOWOC CORP.</b>				
<b>See also "MANITOWOC"</b>				
<i>Battery sizes varied greatly depending upon engine size/type. The listed sizes were found. Measure carefully! Watch voltages carefully!</i>				
<b>Shovels &amp; Excavators</b>				
1969-58	825	3T	8C-3635	8T-9731
	850	6D	153-5700	9X-9720
	900	7D	8C-3635	8T-9731
	975	8D	153-5720	101-4000

MAKE EQUIPMENT TYPE YEAR/MODEL	CCA @ 0°F	O.E. BCI NO.	REPLACEMENT	
			OPTION 1	OPTION 2
<b>BEUTHLING MANUFACTURING CO.</b>				
<b>Compactors</b>				
1998-90 B60	290	U1	8C-3636 ¥	—
2000-97 B100: Kohler engine	460	24	153-5656	3T-5857
B100: Kubota engine	685	34	153-5656 =	127-0826
2000-97 B150	460	24	153-5656	3T-5857
B200, B300	685	34	153-5656 =	127-0826
1996-83 B200T	460	24	153-5656	3T-5857
1998-83 B350	685	34	153-5656 =	127-0826
1988-85 B50	225	U1	8C-3636	—
1988-82 B100, B200, B300, B300T	425	24	153-5656	3T-5857
1998-87 B400	625	34	153-5656 =	127-0826
2000-83 B200, B200T, B300, B300T	685	34	153-5656 =	127-0826
2000-99 B325	460	24	153-5656	3T-5857
<b>BLACKWELDER MFG. CO.</b>				
<b>See Farm Equipment section</b>				
<b>BLAW-KNOX CONSTRUCTION EQUIPMENT COMPANY</b>				
<b>Base Pavers</b>				
1960-48 P-120, P-150	600	1	8C-3617	8T-9734
1969-58 P-150, -160	280	24	153-5656	3T-5857
Cont. F-266-1325	600	1	8C-3617	8T-9734
<b>Bituminous Paver Finisher</b>				
1988-65 PF-22, -25, -35, -65	280	24	153-5656	3T-5857
1963-59 PF-45	210	24	153-5656	3T-5857
1963-55 PF-90, -90A, -90B	935	8D	153-5720	101-4000
1963-59 Express: GM 4-51	1050	8D	153-5720	101-4000
Hercules JXC	600	1	8C-3617	8T-9734
1963-59 Suburban	210	24	153-5656	3T-5857
1991-76 PF-110T, -110W, PF-115	370	24(1,2)	153-5656	3T-5857
1977-68 PF-120: Ford 300	280	24	153-5656	3T-5857
1982-68 DD 4-53	935	8D	153-5720	101-4000
1988-76 PF-120H	935	8D	153-5720	101-4000
1992-87 PF-150, -171	370	24(2)	153-5656	3T-5857
1992-87 PF-172, -200, -180, -180H: DD, JD	935	8D	153-5720	101-4000
Hercules G-3000	280	24	153-5656	3T-5857
1992-68 PF-220, -500	935	8D	153-5720	101-4000
1992-81 PF-400A	380	30H	3T-5760	115-2422
<b>Precision Subgraders</b>				
1962-58 GC	210	24	153-5656	3T-5857
<b>Concrete Pavers</b>				
Hercules HXC, Hercules RXLD	615	4B	153-5720	153-5700
1968-47 34-ED, -ES, Slipform	935	8D	153-5720	101-4000
1966-62 SW-150, -300, XE, XEM	280	24	153-5656	3T-5857
<b>Concrete Paving Spreaders &amp; Trench Rollers</b>				
1962-53 SD, DTR-552	210	24	153-5656	3T-5857
<b>Road Wideners &amp; Trukmixers</b>				
1992-48 85, 95, 25RW, RW-195: Ford, RW-38, M45, -55, -65	280	24	153-5656	3T-5857
1992-60 DD, JD, RW-100, Bukaneer, Hydro-Mixer	935	8D	153-5720	101-4000

**PROPOSITION 65 WARNING:** Battery posts, terminals and related accessories contain lead and lead compounds, chemicals known to the state of California to cause cancer and reproductive harm. **Wash hands after handling.**

**IMPORTANT NOTE: BATTERIES CAN EXPLODE! Always wear safety glasses AND shield eyes when working around batteries. Always check for proper polarity and sufficient terminal clearance BEFORE final installation to avoid dangerous sparks, potential explosion, possible severe personal injury and/or expensive electrical system and/or vehicle/equipment damage. Always check for proper polarity and sufficient clearances before connecting cables and closing hood or covers.**

MAKE EQUIPMENT TYPE YEAR/MODEL	CCA @ 0°F	O.E. BCI NO.	REPLACEMENT	
			OPTION 1	OPTION 2
<b>BOMAG, U.S.A.</b>				
<i>Formerly "KOEHRING BOMAG U.S.A."</i>				
<b>Compactors</b>				
1999-87 BC601, BC670RB	900	8D(2)	153-5720	101-4000
1990-80 K350/P, K351, K451	1250	8D(2)	153-5720	101-4000
<b>Pneumatic Compactors</b>				
1999-94 BW9R	625	31	175-4370	175-4390
1999-94 BW11R	950	31	175-4390	—
<b>Vibratory Compactors</b>				
1994-85 BW12R	725	31	175-4370	175-4390
1999-93 BW16R, 20R	750	4D	153-5700	9X-9720
1993-86 BW16R, 20R	725	31	175-4370	175-4390
1999-93 BW65, 85, 105	440	48	8C-3605	—
1997-86 BW90AD	420	47	8C-3605 π ≠	145-4518 ≠
1992-86 BW90ADL	440	48	8C-3605	—
1999-85 BW100AC, AD, BW118AD, BW120AC, AD	600	49	8C-3605	—
1999-88 BW100ADM, BW122D	420	47	8C-3605 π ≠	145-4518 ≠
1983-82 BW121AD	500	27	153-5656	8C-3601
1999-85 BW122PD, BW124D, PD, PDB, BW125AC, ADH				
BW130AC, AD, BW135AC, AD	600	49	8C-3605	—
1999-95 BW137AD, BW138AD	900	31	175-4390	—
1999-82 BW140AD, BW141AD (thru '92)	775	4D	153-5700	9X-9720
1991-85 BW141AD	600	4D	153-5700	9X-9720
1999-85 BW141AD-1, -2	600	4D	153-5700	9X-9720
1999-86 BW142A, AD, PD, PDB	600	31	175-4370	175-4390
1999-94 BW144AD-2	600	31	175-4370	175-4390
Optional	750	4D	153-5700	9X-9720
1999-84 BW151AD, BW154AD, BW160AD1, AD2, BW160AS	750	4D	153-5700	9X-9720
1999-88 BW151AD-2, BW161, BW164	600	31	175-4370	175-4390
1999-82 BW170, D, PD, BW172, BW202	625	31	175-4370	175-4390
1999-77 BW210, BW212, BW213, BW214, BW217, BW219, BW220AD	750	4D	153-5700	9X-9720
1991-86 BW217	715	4DLT	153-5700 Δ	9X-9720 Δ
1993-89 BW650, 850, 1050	440	48	8C-3605	—
<b>Rollers</b>				
1999-97 BW5AS, BW9AS/11AS	950	31	175-4390	—
1989-85 BW4AS/6AS, BW10AS/12AS	600	31	175-4370	175-4390
1990-82 BW9R, BW140AD, BW142, BW170, D, PD	625	31	175-4370	175-4390
1990-86 BW12R	720	31	175-4370	175-4390
1983-82 BW90A, BW121AD	500	27	153-5656	8C-3601
1984-82 BW210AV, BW210-6, D, PD, BW220AD	775	4D	153-5700	9X-9720
1984-82 S812	630	2(2)	153-5690	8C-3629
<b>Soil Stabilizers &amp; Recyclers</b>				
1993 MPH120	715	4DLT(2)	153-5700 Δ	8C-3622 Δ
1984-82 MPH50	625	31(2)	175-4370	175-4390
1999-77 MPH100	775	4D(2)	153-5700	9X-9720

MAKE EQUIPMENT TYPE YEAR/MODEL	CCA @ 0°F	O.E. BCI NO.	REPLACEMENT	
			OPTION 1	OPTION 2
<b>BRODERSON MFG. CO., INC. (BMC)</b>				
<b>Industrial Cranes</b>				
1999-90 IC-20-D: Gas	825	24	127-0824	—
1997-90 Diesel	950	31	175-4390	—
1999-93 IC-35A, B	825	24	127-0824	—
1999-95 IC-80-1E, 2E, 3E: Gas	550	24	153-5656	3T-5857
Diesel	950	31	175-4390	—
1999-98 IC-80-1F, 2F, 3F: Gas	700	27	153-5656	8C-3601
Diesel	950	31	—	—
1989-84 IC-20-1A: Gas	470	24	153-5656	3T-5857
1989-87 Diesel	625	31	175-4370	175-4390
1986-84 Diesel	550	24	153-5656	3T-5857
1989-82 IC-80-1B: Gas	470	24	153-5656	3T-5857
1989-87 Diesel	625	31	175-4370	175-4390
1986-82 Diesel	540	27	153-5656	8C-3601
1995-82 IC-80-1D, -2D: Gas	550	24	153-5656	3T-5857
1995-89 IC-80-1D, 2D: Diesel	950	31	175-4390	—
1985-82 IC-180-1A	540	27	153-5656	8C-3601
1992-85 IC-200: Gas	525	24	153-5656	3T-5857
1991-87 Diesel	625	31	175-4370	175-4390
1986-85 Diesel	525	27	153-5656	8C-3601
1991-89 IC-200-1A, 2A: Gas	550	24	153-5656	3T-5857
1988-85 Gas	470	24	153-5656	3T-5857
1991-89 Diesel	950	31	175-4390	—
1989-87 Diesel	625	31	175-4370	175-4390
1986-85 Diesel	540	27	153-5656	8C-3601
1998-88 IC-200-1B, 2B: Gas	550	24	153-5656	3T-5857
1998-88 Diesel	950	31	175-4390	—
2000-97 IC-200-1C, 2C: Gas	700	27	153-5656	8C-3601
Diesel	950	31	175-4390	—
2000-99 IC-200-3D	700	27	153-5656	8C-3601
<b>Mobile Hydraulic Hammers</b>				
1997-79 MH-42-B: Gas	550	24	153-5656	3T-5857
1997-88 Diesel	950	31	175-4390	—
1986-79 Diesel	525	27	153-5656	8C-3601
1999-93 MH-42F: Ford eng.	550	24	153-5656	3T-5857
Cummins eng., J. Deere eng.	950	31	175-4390	—
<b>Rough Terrain Cranes</b>				
1997-91 RT-300, -A, -B	950	31	175-4390	—
1990 RTR-80: Gas	550	24	153-5656	3T-5857
1989-81 Gas	470	24	153-5656	3T-5857
1990-89 Diesel	950	31	175-4390	—
1988-87 Diesel	625	31	175-4370	175-4390
1985-81 RTR-180: Gas, RTR-200-1A, 2A, 3A: Gas	470	24	153-5656	3T-5857
1998-89 Diesel	950	31	175-4390	—
1989-87 Diesel	625	31	175-4370	175-4390
1986-81 Diesel	540	27	153-5656	8C-3601
1995-91 RTR-200-1B, 2B: Ford eng	470	24	153-5656	3T-5857
1995-91 Cummins eng	950	31	175-4390	—
1989-87 J. Deere eng	950	31	175-4390	—
1997-91 RT-300-A, B	950	31	175-4390	—
1991-85 RTR-2001A, 2A, 3A: Gas	470	24	153-5656	3T-5857
1998-89 Diesel	950	31	175-4390	—
1989-87 Diesel	625	31	175-4370	175-4390
1986-85 Diesel	540	27	153-5656	8C-3601
<b>BROS ROAD MACHINERY DIVISION</b>				
<b>Circulators</b>				
1966-52 CS, -15, CT, -15 Models	450	1	8C-3617	8T-9734

**PROPOSITION 65 WARNING:** Battery posts, terminals and related accessories contain lead and lead compounds, chemicals known to the state of California to cause cancer and reproductive harm. **Wash hands after handling.**

**INDUSTRIAL EQUIPMENT****BROS ROAD MACHINERY DIVISION — BUCYRUS-ERIE CO.**

**IMPORTANT NOTE: BATTERIES CAN EXPLODE! Always wear safety glasses AND shield eyes when working around batteries. Always check for proper polarity and sufficient terminal clearance BEFORE final installation to avoid dangerous sparks, potential explosion, possible severe personal injury and/or expensive electrical system and/or vehicle/equipment damage. Always check for proper polarity and sufficient clearances before connecting cables and closing hood or covers.**



MAKE EQUIPMENT TYPE YEAR/MODEL	CCA @ 0°F	O.E. BCI NO.	REPLACEMENT	
			OPTION 1	OPTION 2
<b>Compactors</b>				
1974-71 Heavy Duty & Super 10	225	24	153-5656	3T-5857
1970-68 Sani-Pactor	760	4D(2)	153-5700	9X-9720
1975-71 Sani-Pactor II	935	8D(2)	153-5720	101-4000
<b>Double Drum Rollers</b>				
1984-81 VM-255	490	30H	3T-5760	115-2422
1984-80 VM-268, VM-278	760	4D	153-5700	9X-9720
<b>Mobil Sweeper</b>				
1975-71 TE-3, TE-4: Gas	370	60	—	—
Diesel	380	30H	3T-5760	115-2422
<b>Preparators</b>				
1974-59 BP-5	760	4D(2)	153-5700	9X-9720
<b>Rollers</b>				
1967-60 SP-54, -54BD, -54B, -54C, -915, -2800, -3500	335	24(1,2)	153-5656	3T-5857
1967-60 SP-255D, -730B, -735, -925, -10,000	805	4D(1,2)	153-5700	9X-9720
1967-64 SP-6000	475	30H	3T-5760	115-2422
1984-64 SP-225D, -446P, -735, -925, -6000B	760	4D	153-5700	9X-9720
1978-71 SP-2500, -2800, -3000, -3500, -D: Gas	225	24	153-5656	3T-5857
1984-69 Diesel	380	30H	3T-5760	115-2422
1984-64 SP-4000: Gas, Diesel; SP-6000	380	30H	3T-5760	115-2422
<b>Rotary Snow Plows</b>				
1975-60 All ex. below	760	4D(1,2)	153-5700	9X-9720
A-66CW, A-80L, -80T, A-66L-36, -68, -107, BL, BT	335	24	153-5656	3T-5857
<b>Roto Mixers</b>				
1984-59 LSPRM-8A, -84A, SPRM-84B, TRM-84, -84B, Reclaimer I	805	4D(1,2)	153-5700	9X-9720
<b>Vibra Factors</b>				
1961-59 VP-9	475	1	8C-3617	8T-9734
1961-60 VP-9D	335	24	153-5656	3T-5857
1967-64 VP-4D, -4G, -9D, -10D, -10, -9G, -20D, -22D	475	30H(1,2)	3T-5760	115-2422
1984-75 168D, 168P, 168S, SPV-627, SPV-627D	760	4D	153-5700	9X-9720
1976-66 SP-845, SPV-7, SPV-725, -730, -735, -845	380	30H	3T-5760	115-2422
1984-74 SPV-735, -VA	960	4D	153-5700	9X-9720
<b>BUCKEYE</b>				
See "GAR WOOD"				
<b>BUCYRUS-ERIE CO.</b>				
<i>The battery sizes used as original equipment varied greatly by model and engine type. Following are the most popular sizes. Carefully measure battery compartment. Watch POLARITY and VOLTAGE!</i>				
<b>Crane</b>				
1984-63 110 Ton	900	8D(2)	153-5720	101-4000
1984-78 1200-C	640	4D(2)	153-5700	9X-9720

MAKE EQUIPMENT TYPE YEAR/MODEL	CCA @ 0°F	O.E. BCI NO.	REPLACEMENT	
			OPTION 1	OPTION 2
<b>Cranes, Draglines, Shovels</b>				
1967-58 11-B, 14-B	790	4D	153-5700	9X-9720
Optional	615	4B	153-5720	153-5700
Optional	900	8D	153-5720	101-4000
Optional	840	4	8C-3633	8T-9733
Optional	475	30H	3T-5760	115-2422
1967-58 15-B	790	4(1,2)	8C-3633	8T-9733
Optional	805	4D	153-5700	9X-9720
Optional	900	8D	153-5720	101-4000
Optional	475	30H(1,2)	3T-5760	115-2422
1967-58 22-B	805	4D(1,2)	153-5700	9X-9720
Optional	790	4(1,2)	8C-3633	8T-9733
Optional	900	8D(1,2)	153-5720	101-4000
Optional	475	30H(1,2)	3T-5760	115-2422
1967-63 25-B	800	4D(1,2)	153-5700	9X-9720
Optional	840	4(2)	8C-3633	8T-9733
Optional	900	8D	153-5720	101-4000
1967-58 30-B	900	8D(1,2)	153-5720	101-4000
Optional	805	4D(1,2)	153-5700	9X-9720
Optional	790	4	8C-3633	8T-9733
1967-58 38-B	865	5D	8C-3633	8T-9733 Y
Optional	900	8D	153-5720	101-4000
Optional	1240	7T	8T-9730 ∞	—
Optional	500	1	8C-3617	8T-9734
Optional	475	30H	3T-5760	115-2422
Optional	900	7D(2)	8C-3635	8T-9731
Optional	790	4(2)	8C-3633	8T-9733
1967-63 38-B2	900	8D(1,2)	153-5720	101-4000
Optional	475	30H	3T-5760	115-2422
Optional	805	4D	153-5700	9X-9720
1962-58 51B	500	1	8C-3617	8T-9734
Optional	790	4	8C-3633	8T-9733
1963-58 54-B, 71-B	790	4(1,4)	8C-3633	8T-9733
1967-63 61-B, 71-B	900	8D	153-5720	101-4000
1967-58 88-B	500	1	8C-3617	8T-9734
Optional	840	4	8C-3633	8T-9733
Optional	900	8D	153-5720	101-4000
Optional	500	30H	3T-5760	115-2422
1976-62 C-160	900	8D	153-5720	101-4000
Optional	640	4D(2)	153-5700	9X-9720
<b>Hydraulic Hoes</b>				
1980-66 15H, 20H, 30H	900	8D	153-5720	101-4000
Optional	640	4D(2)	153-5700	9X-9720
1984-70 40H, 350H	900	8D(2)	153-5720	101-4000
1984-78 300H, 325H	640	4D(2)	153-5700	9X-9720
1984-81 400H, 500H	620	27(4,6)	153-5656	8C-3601
<b>Hydrocranes</b>				
1984-66 H-3: Ford 240, 300, H-5: Ford 240, 300, 3000	400	30H	3T-5760	115-2422
IHC UD-236	640	4D	153-5700	9X-9720
Hercules D-3400	900	7D(2)	8C-3635	8T-9731
1967-66 15H: All models	900	8D	153-5720	101-4000
1967-66 20H: Cummins	805	4D(2)	153-5700	9X-9720
GM	900	8D	153-5720	101-4000
1973-68 35C: Ford, Cummins	640	4D	153-5700	9X-9720
DD4-53N	900	8D	153-5720	101-4000
1978-74 40-C	640	4D(2)	153-5700	9X-9720
1978-68 45-C, 55-C: GM 6V-53, DD	900	8D	153-5720	101-4000
Cummins, Ford	640	4D(2)	153-5700	9X-9720
1979-68 65-C: Cummins, GM 6-71	900	8D(2)	153-5720	101-4000
1984-77 25XC, 30XC	640	4D(2)	153-5700	9X-9720
1984-77 60XC, 90XC	620	27(2)	153-5656	8C-3601

**PROPOSITION 65 WARNING:** Battery posts, terminals and related accessories contain lead and lead compounds, chemicals known to the state of California to cause cancer and reproductive harm. **Wash hands after handling.**



**IMPORTANT NOTE: BATTERIES CAN EXPLODE! Always wear safety glasses AND shield eyes when working around batteries. Always check for proper polarity and sufficient terminal clearance BEFORE final installation to avoid dangerous sparks, potential explosion, possible severe personal injury and/or expensive electrical system and/or vehicle/equipment damage. Always check for proper polarity and sufficient clearances before connecting cables and closing hood or covers.**

MAKE EQUIPMENT TYPE YEAR/MODEL	CCA @ 0°F	O.E. BCI NO.	REPLACEMENT	
			OPTION 1	OPTION 2
<b>Rotary Drills</b>				
1963-55 1-W	525	1	8C-3617	8T-9734
1984-64 10-R	900	8D	153-5720	101-4000
1984-69 20-W: Ford, Waukeska	400	30H	3T-5760	115-2422
1978-53 Hercules	450	1	8C-3617	8T-9734
1955-46 LeRoi	805	4	8C-3633	8T-9733
1984-46 22-W: Cont. F-227	400	30H	3T-5760	115-2422
All other engines	750	4	8C-3633	8T-9733
Hercules D-2000, Buda: Diesel	640	4D(2)	153-5700	9X-9720
1962-58 24L	450	4(1,2)	8C-3633	8T-9733
1973-46 28L Option	640	4D(1,2)	153-5700	9X-9720
Optional	450	4(1,4)	8C-3633	8T-9733
Optional	450	1	8C-3617	8T-9734
1973-58 30R, 30RC	900	8D(1,2)	153-5720	101-4000
1984-46 36-L: Cummins	900	8D(2)	153-5720	101-4000
Buda	750	4(2)	8C-3633	8T-9733
Waukeska	640	4D(2)	153-5700	9X-9720
1984-55 40-R: Cummins, DD, GM; 45-R	900	8D(2)	153-5720	101-4000
Cat.	750	4	8C-3633	8T-9733
1973-58 60-L	750	4(2)	8C-3633	8T-9733
1984-62 60-R	900	8D(2)	153-5720	101-4000
<b>BUFFALO SPRINGFIELD CO.</b>				
<i>See "FLAHERTY BRANCH"</i>				
<b>BURCO INC.</b>				
<i>Formerly "BURLINGTON COMPRESSOR INC." Also "AMERICAN JENBACH CORP."</i>				
<b>Engine Drive Welders</b>				
1993-90 Stud Pak 1600, 2600, 3000	650	30H	3T-5760	115-2422
1993-92 XL100	815	4DLT	153-5700 Δ	8C-3622
<b>Irrigation Generators</b>				
1993-80 IG 460-7.5	410	24	153-5656	3T-5857
1993-78 IG 4 60-10, IG 460-12, IG 460-15, IG 460-20	650	30H	3T-5760	115-2422
<b>Irrigation Pumps</b>				
1993-78 IP 320, IP550	650	30H	3T-5760	115-2422
1993-78 IP 700, IP 860, IP 1200, IP 1750	815	4DLT	153-5700 Δ	8C-3622
<b>Portable Compressors</b>				
1977-52 Burco 170, 230; JW-78L	700	4D	153-5700	9X-9720
Optional	570	30H	3T-5760	115-2422
1967-49 JW-78	400	24	153-5656	3T-5857
1977-52 JW-78, JW-300	570	30H	3T-5760	115-2422
Optional	365	24	153-5656	3T-5857
1980-54 JW-156, JW-156L, JW-600, AJ-157, AJ-79, AJ-2	700	4D(1,2)	153-5700	9X-9720
<b>Portable Generators</b>				
1993-78 CG 8KW	410	24	153-5656	3T-5857
1993-78 CG 15KW, CG 25KW, CG 35KW	650	30H	3T-5760	115-2422
1993-78 CG 45KW, CG 55KW, CG 80KW	815	4DLT	153-5700 Δ	8C-3622
1993-88 Enclosed version	650	30H	3T-5760	115-2422
1993-81 CG 95KW (Trailer), Sil Amp 50, 70	650	30H(1,2)	3T-5760	115-2422
1990-80 CG 130KW, 160KW, 195KW, 260KW (Skid)	650	30H(2)	3T-5760	115-2422

MAKE EQUIPMENT TYPE YEAR/MODEL	CCA @ 0°F	O.E. BCI NO.	REPLACEMENT	
			OPTION 1	OPTION 2
<b>BURLINGTON COMPRESSOR INC.</b>				
<i>See "BURCO INC."</i>				
<b>BURRO CRANE INC.</b>				
<i>Formerly "FEDERAL SIGN &amp; SIGNAL CORP."</i>				
<b>Locomotive Cranes</b>				
1995-66 15A, 30: Diesel, Gas	820	5D(1,4)	8C-3633	8T-9733 Y
2000-75 40-Diesel, Gas; 45, 50, 55, 66, 67	975	8D(1,2)	153-5720	101-4000
<b>CABLE CRANE &amp; EXCAVATOR</b>				
<i>See "FMC CORPORATION"</i>				
<b>CASE, J.I.</b>				
<b>A TENNECO COMPANY (DAVIS MANUFACTURING/DROTT MFG. CO.)</b>				
<i>Additional equipment listed in the Farm Equipment section.</i>				
<b>Backhoe Loaders</b>				
1981-75 380CK: Diesel	570	30H	3T-5760	115-2422
1975-65 480CK: Gas (incl series B)	570	30H	3T-5760	115-2422
Diesel	450	2N(2)	153-5690 #	8C-3629 #
1976-75 480CK Series B: Diesel	450	2N	153-5690 #	8C-3629 #
1986-76 480CK Series C, D	570	30H	3T-5760	115-2422
1993-86 480CK Series E, F	650	30H	3T-5760	115-2422
1975-65 580CK: Gas	200	24	153-5656	3T-5857
Diesel	570	30H	3T-5760	115-2422
1983-78 580CK Series C, D	650	2(1,2)	153-5690	8C-3629
1977-76 580CK Series C	570	30H	3T-5760	115-2422
1988-83 580CK Series E	700	31	175-4370	175-4390
1993-87 580CK Series K	650	30H	3T-5760	115-2422
1993-87 Optional	525	28(2)	153-5656 #	3T-5857 #
1993-91 590CK	650	30H	3T-5760	115-2422
1993-91 Optional	525	28(2)	153-5656 #	3T-5857 #
1974-65 680CK: Gas	570	30H	3T-5760	115-2422
Diesel	605	27(2)	153-5656	8C-3601
1978-75 680CK Series E	570	30H(2)	3T-5760	115-2422
1981-78 680CK Series G	625	2(2)	153-5690	8C-3629
1985-81 680CK Series H	570	31(2)	175-4370	175-4390
1993-70 680CK Series K, L, 780CK Series B, C, D, Diesel	650	30H(2)	3T-5760	115-2422
<b>Back-Hoes &amp; Front Loaders</b>				
1967-63 All models	475	30H(1,2)	3T-5760	115-2422
<b>Baler</b>				
1965-59 177	790	4	8C-3633	8T-9733
<b>Cable Layer</b>				
1983-72 475	700	4D	153-5700	9X-9720
<b>Combines</b>				
1964-63 A6, K2, M2, SP9, 110	315	1	8C-3617	8T-9734
1964-63 SP12, -14, -58, -120, -150	385	2	153-5690	8C-3629
1964-63 98: Gas	290	24	153-5656	3T-5857
Diesel	810	4D	153-5700	9X-9720
1965-61 600, 700, 900	235	24	153-5656	3T-5857
1965-59 800, 1000, 1010: Gas	390	27	153-5656	8C-3601
Diesel	840	4(2)	8C-3633	8T-9733

**PROPOSITION 65 WARNING:** Battery posts, terminals and related accessories contain lead and lead compounds, chemicals known to the state of California to cause cancer and reproductive harm. **Wash hands after handling.**





# INDUSTRIAL EQUIPMENT

## CASE, J.I.

**IMPORTANT NOTE: BATTERIES CAN EXPLODE! Always wear safety glasses AND shield eyes when working around batteries. Always check for proper polarity and sufficient terminal clearance BEFORE final installation to avoid dangerous sparks, potential explosion, possible severe personal injury and/or expensive electrical system and/or vehicle/equipment damage. Always check for proper polarity and sufficient clearances before connecting cables and closing hood or covers.**

MAKE EQUIPMENT TYPE YEAR/MODEL	CCA @ 0°F	O.E. BCI NO.	REPLACEMENT	
			OPTION 1	OPTION 2
<b>Cranes</b>				
1977-60 20RR2, 60RM2, 85RM2	290	29NF	3T-5858 π	9X-1382 π
1986-64 160RF2, 1500, 1800, 2000, 2500, 3330	475	30H	3T-5760	115-2422
1980-75 1500, 1800, 2000, 2500, 5550	975	8D	153-5720	101-4000
1980-78 5550	600	31(2)	175-4370	175-4390
<b>Crawler Loaders</b>				
1993-89 455C, 855E, 1155E	700	31(1,2)SAE	3T-5760	115-2422
<b>Crawler Tractors</b>				
1961-54 M3B, 310	500	1	8C-3617	8T-9734
1962-59 310, 310C, 310D, 310E Gas	400	24	153-5656	3T-5857
1962-61 310E: Diesel	500	1(2)	8C-3617	8T-9734
1964-63 310F: Gas	400	24	153-5656	3T-5857
Diesel prior to S.N. 3019958	500	1(2)	8C-3617	8T-9734
Diesel after S.N. 3019958	530	27(2)	153-5656	8C-3601
1969-64 310G: Gas	290	24	153-5656	3T-5857
Diesel	605	27	153-5656	8C-3601
1959 320: 12-volt	400	24	153-5656	3T-5857
1979-69 350: Diesel	410	27(2)	153-5656	8C-3601
1983-79 350B	570	30H	3T-5760	115-2422
1987-85 380B	605	27	153-5656	8C-3601
1962-59 420, 420B; 420C: Gas	400	24	153-5656	3T-5857
420C: Diesel	500	1(2)	8C-3617	8T-9734
1969-65 450: Gas	605	27	153-5656	8C-3601
Diesel	700	4D	153-5700	9X-9720
1984-79 450B	570	30H	3T-5760	115-2422
Optional	700	4D	153-5700	9X-9720
1993-84 450C	950	31SAE	115-2422	115-2421
1970-69 470: Gas	290	24	153-5656	3T-5857
Diesel	460	1(2)	8C-3617	8T-9734
1961-54 500, 520: Gas	800	4(1,2)	8C-3633	8T-9733
Diesel	500	1(2)	8C-3617	8T-9734
1993-89 550E, 650E	700	31SAE	3T-5760	115-2422
1970-69 570: Gas	290	24	153-5656	3T-5857
Diesel	460	1(2)	8C-3617	8T-9734
1970-69 770	605	27(1,2)	153-5656	8C-3601
1962-57 800, 810 prior to S.N. 7080872	950	8D	153-5720	101-4000
S.N. 7080872 to 7081200	650	3(4)	153-5690	8C-3630
After S.N. 7081201	600	2(4)	153-5690	8C-3629
1960-59 800C	500	1(4)	8C-3617	8T-9734
1962-61 800C	600	2(4)	153-5690	8C-3629
1985-75 850, 850B, 850C	570	30H(2)	3T-5760	115-2422
1993-85 850E	700	31(2)SAE	3T-5760	115-2422
1970-69 870, 970, 1070	570	30H(1,2)	3T-5760	115-2422
1962-59 1000	650	3(4)	153-5690	8C-3630
1969-59 1000C, 1000D, 1150	600	2(4)	153-5690	8C-3629
1987-75 1150B, 1150C, 1450B; 1150D Diesel	570	30H(2)	3T-5760	115-2422
1993-86 1150E	700	31(2)SAE	3T-5760	115-2422
1980-75 1450	700	4D(2)	153-5700	9X-9720
1993-87 1550	950	31(2)SAE	3T-5760	115-2422
<b>Excavators, Crawler</b>				
1977-70 35BC, 40BC	380	30H(2)	3T-5760	115-2422
1986-68 50BC, 50DC, 50E, 880AC, 980BC, 1280	800	4D(2)	153-5700	9X-9720
1980-74 120C	975	8D(2)	153-5720	101-4000
1986-77 35D, 35DC, 40DC, 40E, 880B, 880C, 980B, 980C	600	31(2)	175-4370	175-4390

MAKE EQUIPMENT TYPE YEAR/MODEL	CCA @ 0°F	O.E. BCI NO.	REPLACEMENT	
			OPTION 1	OPTION 2
<b>Excavators, Rubber Tired</b>				
1975-68 40BR	380	30H(2)	3T-5760	115-2422
1986-75 40DR, 40RE, 45RE, 45R, 1085, 1086, 1285, 1286	600	31(2)	175-4370	175-4390
1993-90 1085C, 1086C Forest	700	31(2)SAE	3T-5760	115-2422
1993-89 1187C	700	31(2)	175-4370	175-4390
<b>Fork Lifts</b>				
1984-83 1835B, 1845B: Gas	370	24	153-5656	3T-5857
Diesel	540	30H	3T-5760	115-2422
1993-77 584, 585, 586: Series B, D, E	575	30H	3T-5760	115-2422
1987-86 Series E	700	31	175-4370	175-4390
1993-86 Optional	525	28(2)	153-5656 ≠	3T-5857 ≠
<b>Log Skidders</b>				
1969-68 300SK, 400SK	800	4D	153-5700	9X-9720
1976-70 300SK, 400SK, 600, 800, 825: Diesel	570	30H(2)	3T-5760	115-2422
<b>Mobile Gantry Cranes</b>				
1967-62 All models	475	30H(1,2)	3T-5760	115-2422
<b>Plow-in-Line Layers</b>				
1967 PT-50, -90	290	29NF	3T-5858 π	9X-1382 π
<b>Task Force</b>				
1986-63 300, 500, 600, 700, 800, 1000, 2000	300	29NF	3T-5858 π	9X-1382 π
1981-78 Optional	625	2(2)	153-5690	8C-3629
1978-76 Optional	380	30H	3T-5760	115-2422
<b>Travelifts</b>				
1986-75 250B, 500B, 650B	380	30H(2)	3T-5760	115-2422
1986-76 650C, 770TC	600	31(2,4)	175-4370	175-4390
1986-67 800AC, 800R, 1000AC, 1000B	975	8D(1,2)	153-5720	101-4000
<b>Trenchers</b>				
1986-73 W4 Loader, 10 + 2, 12 + 4	300	29NF	3T-5858 π	9X-1382 π
1971-69 12 + 2B	220	U1	8C-3636	—
1993-68 14 + 4, 16 + 4, 20 + 4, 25 + 4, 30 + 4; 40 + 4: Gas	300	29NF	3T-5858 π	9X-1382 π
1979-73 40 + 4: Diesel; 55 + 4	380	30H	3T-5760	115-2422
1978-71 70 + 4: Gas	300	29NF	3T-5858 π	9X-1382 π
1979-78 70 + 4: Diesel	625	2(2)	153-5690	8C-3629
1978-71 70 + 4: Diesel	380	30H	3T-5760	115-2422
1993-85 360: Gas	410	24	153-5656	3T-5857
1993-85 360: Diesel	580	30H	3T-5760	115-2422
1993-81 660, 760, 860	625	30H	3T-5760	115-2422
1993-79 DH4, DH4B	700	31SAE	3T-5760	115-2422
1980-78 DH5: Gas	300	29NF	3T-5858 π	9X-1382 π
1986-79 DH5: Diesel; DH5B, DH7	490	30H	3T-5760	115-2422
1982-81 FH4	500	31	175-4370	175-4390
1993-84 Maxi-B	625	30H	3T-5760	115-2422
1986-81 Mini-Sneaker	400	27	153-5656	8C-3601
1981-72 Mini-Sneaker, Scat-Back 430: Gas	300	29NF	3T-5858 π	9X-1382 π
Scat-Back 430: Diesel	380	30H	3T-5760	115-2422
1986-77 Maxi-Sneaker	390	30H	3T-5760	115-2422
1993-60 T-66, T-78, TF300	340	29NF	3T-5858 π	9X-1382 π
1986-76 Trimline 100, 200	360	24	153-5656	3T-5857
1981-70 Trimline 120, Fleet Hoe 30	300	29NF	3T-5858 π	9X-1382 π

**PROPOSITION 65 WARNING:** Battery posts, terminals and related accessories contain lead and lead compounds, chemicals known to the state of California to cause cancer and reproductive harm. **Wash hands after handling.**

# INDUSTRIAL EQUIPMENT

## CASE, J.I. — CHAMP CORPORATION

**IMPORTANT NOTE: BATTERIES CAN EXPLODE!** Always wear safety glasses AND shield eyes when working around batteries. Always check for proper polarity and sufficient terminal clearance BEFORE final installation to avoid dangerous sparks, potential explosion, possible severe personal injury and/or expensive electrical system and/or vehicle/equipment damage. Always check for proper polarity and sufficient clearances before connecting cables and closing hood or covers.

MAKE EQUIPMENT TYPE YEAR/MODEL	CCA @ 0°F	O.E. BCI NO.	REPLACEMENT	
			OPTION 1	OPTION 2
<b>Uni-Loaders</b>				
1975-71 1530B, 1737, 1737S	200	24	153-5656	3T-5857
1975-71 1740	570	30H	3T-5760	115-2422
1987-73 1816, 1816B, 1816C	200	24	153-5656	3T-5857
1993-74 1818, 1825, 1830	410	24	153-5656	3T-5857
1987-80 1835, 1835B: Gas	370	24	153-5656	3T-5857
Diesel	650	30H	3T-5760	115-2422
1993-80 1835C, 1840: Diesel	685	30H	3T-5760	115-2422
1987-75 1845, 1845B, 1845S: Gas	370	24	153-5656	3T-5857
Diesel	570	30H	3T-5760	115-2422
1993-86 1845C: Diesel	685	30H	3T-5760	115-2422
<b>Wheel Loaders, Articulated</b>				
1972-63 W5, W7, Series E: Gas	500	24	153-5656	3T-5857
W5: Diesel	625	2	153-5690	8C-3629
W7: Diesel	700	4	8C-3633	8T-9733
Series E: Diesel	625	30H	3T-5760	115-2422
1993-66 W8B, W9B, W10B, W11, W11B, W14	625	30H	3T-5760	115-2422
1992-75 W14B, W14C, W18, W20	625	30H(2)	3T-5760	115-2422
1975-71 W18, W20	625	2(4)	153-5690	8C-3629
1989-77 W20B, W20C	570	30H(2)	3T-5760	115-2422
1985-68 W24B, W24C, W24D, W26, W26D	800	4D(2)	153-5700	9X-9720
1989-77 W30, W36	570	30H(4)	3T-5760	115-2422
1971-70 Series B: Diesel	800	4D(2)	153-5700	9X-9720
1993-88 621, 721, 821	700	31(2)SAE	3T-5760	115-2422
Optional	800	4D(2)	153-5700	9X-9720
1993-91 921	900	4D(2,4)	153-5700	9X-9720
<b>Wheel Tractor (General Purpose)</b>				
1987-85 380B	600	27	153-5656	8C-3601
<b>Windrower</b>				
1965-58 820, 840, 850, 950, 1050	315	1	8C-3617	8T-9734
1965-64 1150	235	24	153-5656	3T-5857
<b>Woodlands</b>				
1982-68 40BLC, 80BR	380	30H(2,4)	3T-5760	115-2422
1986-80 40BLC	600	31(2)	175-4370	175-4390
<b>CATERPILLAR</b>				
See "CATERPILLAR EQUIPMENT" section (pgs. 5 - 13 of this catalog).				
<b>CEDARAPIDS, INC.</b>				
Prior to 1967, see "IOWA MANUFACTURING CO."				
<b>Cold Planers</b>				
1986-84 1900C	925	8D(2)	153-5720	101-4000
<b>Crushing &amp; Screening</b>				
1986-70 544 Commander, 766, 877; All Commander III	975	8D(2)	153-5720	101-4000
<b>Pavers</b>				
1997-89 CR-351, CR-361	850	5D(2)	8C-3633	8T-9733
2000-97 CR-361, -451, -461, -551, -561	800	31(2)	175-4370	175-4390
1996-88 CR-361, -451, -461, -551, -561	850	5D(2)	8C-3633	8T-9733
1986-81 BSF-330	580	30H	3T-5760	115-2422
1986-72 BSF-2, -2H, -4, -400, -420, -431, -520, -521, -530, -531, -541, -620	820	5D(2)	8C-3633	8T-9733

MAKE EQUIPMENT TYPE YEAR/MODEL	CCA @ 0°F	O.E. BCI NO.	REPLACEMENT	
			OPTION 1	OPTION 2
<b>Portable Coal Plant</b>				
1986-78 30SP	975	8D(2)	153-5720	101-4000
<b>Primary</b>				
1985-75 2236, 2248, 2442, 2742, 3042, 3242, 3648, 4248	975	8D(2)	153-5720	101-4000
<b>Rollers</b>				
1985-76 CR2-88, -68, DF-20, DF-30	820	5D(2)	8C-3633	—
<b>S.I. Breaker (Fla. Special) &amp; VGF Portables</b>				
1986-70 3633, 4336, 4340, 5348	975	8D(2)	153-5720	101-4000
<b>CHAIN BELT</b>				
<b>Pavers</b>				
1963-47 All models	805	4D	153-5700	9X-9720
<b>Pumps</b>				
1967-53 4" HW, -LW, 6" LW, 90M	685	2E	8C-3632 Δ	—
1966-56 4" LD, 6" LD	790	4D	153-5700	9X-9720
1967 4" LD, -LSW	290	29NF	3T-5858 π	9X-1382 π
1967-54 4" LSW, 40MMW, 160S, 200D, 200S	580	1(1,2)	8C-3617	8T-9734
<b>Rollers</b>				
1967-66 Rex Pac: All Models Pneumatic	290	29NF	3T-5858 π	9X-1382 π
1967 Vibratory Pull Type	290	29NF	3T-5858 π	9X-1382 π
<b>Steel Wheel Rollers</b>				
1967-60 Rex Roll 5, 6, 8, 10, 12, 14: Gas	290	29NF	3T-5858 π	9X-1382 π
1967-63 Rex Roll 8, 10, 12, 14: Diesel	380	27F	8C-3602	143-4084
<b>Stabilizers</b>				
1967-56 D-, DS-47; G7W, GS7, HSPTS, PTS	760	4(2)	8C-3633	8T-9733
1967-63 DMS, HDMS, SPDMS, PTDMS	290	29NF(4)	3T-5858 π	9X-1382 π
1967-65 Mobile Hydro. Hammer, Rex Pactor 340	290	29NF(1,4)	3T-5858 π	9X-1382 π
1967 Rex Pactor 3-30	790	4D	153-5700	9X-9720
<b>CHAMP CORPORATION</b>				
<b>Fork Lift Trucks</b>				
1967-60 All models	285	24	153-5656	3T-5857
1974-71 640HLP, 860HLP, 1070HLP, 6425R	285	24	153-5656	3T-5857
1978-60 SK, TL, CB, CY, FY Series, 350HLD	285	24	153-5656	3T-5857
1987-75 C44-60	285	24	153-5656	3T-5857
Optional	545	30H(2)	3T-5760	115-2422
1987-70 Charger; CB40, -40S, -50, -50S, -70, -80	285	24	153-5656	3T-5857
Optional	545	30H(2)	3T-5760	115-2422
1987-78 CB100, CB120, CB606, CB607, CB608	285	24	153-5656	3T-5857
Optional	545	30H(2)	3T-5760	115-2422
1987-70 CR50, CR60, CRL60, 350, 530, 530-70, HL800	280	24	153-5656	3T-5857
Optional	545	30H(2)	3T-5760	115-2422
1987-70 CRL 80-37, VP150, VP180, VP200, VP840, VP1070	545	30H(1,2)	3T-5760	115-2422

**PROPOSITION 65 WARNING:** Battery posts, terminals and related accessories contain lead and lead compounds, chemicals known to the state of California to cause cancer and reproductive harm. **Wash hands after handling.**

Refer to page 57 for explanation of Industrial Equipment replacement footnotes.



# INDUSTRIAL EQUIPMENT

## THE CHARLES MACHINE WORKS, INC. — CLARK EQUIPMENT CO.

**IMPORTANT NOTE: BATTERIES CAN EXPLODE!** Always wear safety glasses AND shield eyes when working around batteries.

Always check for proper polarity and sufficient terminal clearance **BEFORE** final installation to avoid dangerous sparks, potential explosion, possible severe personal injury and/or expensive electrical system and/or vehicle/equipment damage. Always check for proper polarity and sufficient clearances before connecting cables and closing hood or covers.

MAKE EQUIPMENT TYPE YEAR/MODEL	CCA @ 0°F	O.E. BCI NO.	REPLACEMENT	
			OPTION 1	OPTION 2
<b>THE CHARLES MACHINE WORKS, INC.</b>				
<b>DITCHWITCH</b>				
<b>"Ditchwitch" Trenchers</b>				
1964-59 J4, K3, V4	250	22NF	3T-5859 ∞	9X-1384 ∞
1980-84 J-20, V30	250	22F	3T-5859	9X-1384
1993-88 HT-100	925	31	175-4390	—
1981-84 H Series, M Series, R-30	250	22F	3T-5859	9X-1384
1980-74 R-30D	315	24	153-5656	3T-5857
1981-67 R-40, R-60, R-65	470	24(2)	153-5656	3T-5857
1993-75 R-100	865	5D(2)	8C-3633	8T-9733 ¥
1977-75 R-200	900	8D	153-5720	101-4000
1993-73 C Series, Power Pack, PP16	200	U1	8C-3636	—
Optional	250	22F	3T-5859	9X-1384
1993-91 PP50	675	26R	145-4518	—
1999-94 PP70 Turbo	700	30H	3T-5760	115-2422
1993-79 1410, 1420, 1620: Kohler eng., 1810	200	U1	8C-3636	—
1994-78 1500, 1620: Dresser eng., 1820	335	22F	3T-5859	9X-1384
1994-77 2020, 2200, 2300, 2310, 3210	250	22F	3T-5859	9X-1384
1991-80 3210DD, 4010, 5010	470	30H	3T-5760	115-2422
Optional	520	31SAE	3T-5760	115-2422
1993-89 3500, 3610	675	26/70	—	—
1994-91 4500, 5110	675	26R	145-4518	—
1993-91 5020, 6520	650	34	153-5656 ≈	127-0826
1993-79 6510	315	24	153-5656	3T-5857
Optional	520	30H	3T-5760	115-2422
1993-86 7510	520	30H	3T-5760	115-2422
1999-91 6520, 7020, 7520, 8020	650	34	153-5656 ≈	127-0826
<b>Loaders</b>				
1989-84 1025SK	520	31SAE	3T-5760	115-2422
Optional	925	31SAE	115-2422	115-2421
<b>Self-Propelled Vibratory Plow</b>				
1980-70 VP-12	200	U1	8C-3636	—
Optional	250	22F	3T-5859	9X-1384
1993-83 V-252, 255SX	150	U1	8C-3636	—
1993-82 350SX	315	24	153-5656	3T-5857
Optional	520	31SAE	3T-5760	115-2422
1999-93 400SX, 410SX	675	26R	145-4518	—
<b>CHICAGO PNEUMATIC</b>				
<b>Portable Air Compressors</b>				
1978-59 75PG-20, 85RG-1, 85RGH-1	440	24	153-5656	3T-5857
1972-59 125RG-2, 125RG-1, -2: Compact	315	24	153-5656	3T-5857
1973-61 125RO-1, -RO-2: Compact	380	30H(1,2)	3T-5760	115-2422
1972-58 125RO-2	655	4(2)	8C-3633	8T-9733
1974-69 150RG-2: Compact, 160RG-1, 175RG-1, -RGH-1	280	24	153-5656	3T-5857
1967-66 160RO-1	1000	8D	153-5720	101-4000
1978-69 175RO-1, 185DZ-1, 185GZ-1	380	30H(1,2)	3T-5760	115-2422
1972-59 210RG-2, 250RG-2	280	24	153-5656	3T-5857
1973-54 210RO-2, 250RO-2, 365RO-2	935	8D	153-5720	101-4000
1978-58 365RO-2, 600RO-2, 600RSO-1, 750RSO-1, 900RO-2, 1200RSO-1, -RSO-1	935	8D(1,2)	153-5720	101-4000
<b>CLARK</b>				
<b>Crawler Cranes</b>				
1956-48 All models	790	4(1,2)	8C-3633	8T-9733
<b>Truck Cranes</b>				
1959-42 All models	790	4(1,2,4)	8C-3633	8T-9733

MAKE EQUIPMENT TYPE YEAR/MODEL	CCA @ 0°F	O.E. BCI NO.	REPLACEMENT	
			OPTION 1	OPTION 2
<b>Tractor Shovels</b>				
1967 BL-700, 35A, -B, 55A, -B: Diesel	815	4D	153-5700	9X-9720
1967 CKL-340: Gas	315	6D	153-5700	9X-9720
Diesel	600	1(2)	8C-3617	8T-9734
1966-60 12B: Gas	315	24	153-5656	3T-5857
Diesel	585	1	8C-3617	8T-9734
1967-62 35A, 45A, 55A: Gas	475	30H	3T-5760	115-2422
1961-60 55A, -B: Gas	550	1(2)	8C-3617	8T-9734
1967-62 55A: Gas, Diesel; 55A-III	815	4D	153-5700	9X-9720
1967 65T-III: Diesel	475	30H	3T-5760	115-2422
1964-60 75A: Gas	550	1(2)	8C-3617	8T-9734
1964-60 Diesel: Waukesha eng.	880	7D(2)	8C-3635	8T-9731
Diesel: GM eng.	900	8D	153-5720	101-4000
1967-65 75A: III	900	8D	153-5720	101-4000
1967 75C: Diesel	505	30H(3)	3T-5760	115-2422
1961-60 85A: Gas	550	1(2)	8C-3617	8T-9734
1964-62 85A, 125A: Gas	790	4D(1,2)	153-5700	9X-9720
1961-60 85A, 125A: Diesel	880	7D(2)	8C-3635	8T-9731
1967-62 Cummins	505	30H(3)	3T-5760	115-2422
1967-62 GM	900	8D	153-5720	101-4000
1967-62 125A, 125C: Diesel, 175A-II, III; III, 175C: Diesel	815	4D(2)	153-5700	9X-9720
1961-60 175A-I	790	4(4)	8C-3633	8T-9733
1961-60 275A-I, 375	880	7D(4)	8C-3635	8T-9731
1967-62 275A-II, III; III, 275C: Diesel	900	8D(2)	153-5720	101-4000
1967 475C	815	4D(4)	153-5700	9X-9720
<b>Dozers</b>				
1967-60 180T-I, III; III Diesel, 380T-I, -II, -III, 480T	815	4D(2,4)	153-5700	9X-9720
1963-60 280T-I	880	7D(4)	8C-3635	8T-9731
1967-64 280C, 280T-III; -III: Diesel	900	8D(2)	153-5720	101-4000
<b>Scrapers</b>				
1967-60 110	815	4D(2,4)	153-5700	9X-9720
1966-60 210, 310	880	7D(4)	8C-3635	8T-9731
1967-65 210, 310	900	8D(2)	153-5720	101-4000
<b>CLARK EQUIPMENT CO.</b>				
<b>AUSTIN-WESTERN DIVISION</b>				
<b>Cranes, Hydraulic</b>				
1968-61 105, 110: w/ Ford engine	335	32N	—	—
w/ IHC engine	840	4(1,2)	8C-3633	8T-9733
1968-58 210, 210P, 220, 409, 410, 410P: w/ Buda 6DT-317	925	7D(2)	8C-3635	8T-9731
w/ Ford 6-volt engine, 174	550	1	8C-3617	8T-9734
w/ Ford 172 (12V), GM 3081 engines	840	4(2)	8C-3633	8T-9733
w/ IHC UD-282, -236, -T282 engines	840	4(2)	8C-3633	8T-9733
w/ Ford 223, 240, 272, 332 engines	335	32N	—	—
w/ DD 4-51, GM43301 engines	335	32N	—	—
w/ IHC U-260, -282	925	7D	8C-3635	8T-9731
Optional	840	4	8C-3633	8T-9733
w/ IHC UB-264, UV-345 engines	335	32N	—	—
1968 630, -C: w/ IHC UV-549 engine	550	1(2)	8C-3617	8T-9734
w/ other engines	840	4(2)	8C-3633	8T-9733
1975-73 709, 710, 714: w/ GM 4-53N engine, 736CM	840	4(2,4)	8C-3633	8T-9733
w/ IHC UV-345 engine	400	27	153-5656	8C-3601
1975-73 720CM, 720-OS	1000	8D(2)	153-5720	101-4000

**PROPOSITION 65 WARNING:** Battery posts, terminals and related accessories contain lead and lead compounds, chemicals known to the state of California to cause cancer and reproductive harm. **Wash hands after handling.**

**CLARK EQUIPMENT CO. — CLEVELAND TRENCHER CO.**

**IMPORTANT NOTE: BATTERIES CAN EXPLODE!** Always wear safety glasses AND shield eyes when working around batteries. Always check for proper polarity and sufficient terminal clearance BEFORE final installation to avoid dangerous sparks, potential explosion, possible severe personal injury and/or expensive electrical system and/or vehicle/equipment damage. Always check for proper polarity and sufficient clearances before connecting cables and closing hood or covers.

MAKE EQUIPMENT TYPE YEAR/MODEL	CCA @ 0°F	O.E. BCI NO.	REPLACEMENT	
			OPTION 1	OPTION 2
<b>Cranes w/ Magnet Attachment</b>				
1968-61 5CCK-150R/630	335	32N	—	—
1965-61 Optional	840	4(2)	8C-3633	8T-9733
1968-60 10CW-150R	550	2E	8C-3632 Δ	—
1968-64 510 w/ DD 6V-53 engine	840	4(2)	8C-3633	8T-9733
w/ IHC UV-549 engine	550	1(2)	8C-3617	8T-9734
<b>Motor Graders</b>				
1968-61 Pacer, Super: 100 thru 650, GM 3-71	840	4(2)	8C-3633	8T-9733
1975-73 Pacer, Super: 101, 301, 501	900	7D	8C-3635	8T-9731
<b>Motor Sweepers</b>				
1968-56 40, 60, 70	500	30H	3T-5760	115-2422
<b>Rollers - Compactors, Tandem &amp; Pneumatic</b>				
1967-56 T-33, RV-20, -24	550	1	8C-3617	8T-9734
1968-58 53, 84, 104: w/ IHC UV-266 engine; PR-11	335	32N	—	—
w/ all other engines	840	4(1,2)	8C-3633	8T-9733
<b>Rollers w/ Three Wheels</b>				
1968-58 83, 102, 122: All models	840	4(1,2)	8C-3633	8T-9733
<b>CLARK EQUIPMENT CO.</b>				
<b>CRANE DIVISION</b> Formerly "LIMA DIVISION" Also "BALDWIN-LIMA-HAMILTON"				
<b>Cranes</b>				
1981-76 450TC, 770HC	900	8D(2)	153-5720	101-4000
1978-70 45C, 50SC, 65C, 75C: Diesel	900	8D(2)	153-5720	101-4000
Optional	750	6D	153-5700	9X-9720
1972-62 250C, -T, -TS: Hercules Gas eng. ('72-70)	520	2(2)	153-5690	8C-3629
1969-62 Hercules Gas engine	525	3	153-5690	8C-3630
1972-62 Diesel: w/ Cat., DD	520	2(1,2)	153-5690	8C-3629
Diesel: w/ Cummins engine	900	8D(2)	153-5720	101-4000
1981-62 300T, 350T, 400T, 500T, 500TC, 550TC, 600T	520	2(1,2)	153-5690	8C-3629
700TC, 700HC, 990TC, -TCA: Gas	900	8D	153-5720	101-4000
Detroit Diesel engines	750	6D	153-5700	9X-9720
A-C, Cummins Diesel engines	900	8D(2)	153-5720	101-4000
1981-70 765CM, 900T, 1200, 1250, 1500C, -SC, 7700, 7707	900	8D(2)	153-5720	101-4000
1981-79 4700, 4707	625	31(6)	175-4370	175-4390
<b>Crane Carriers</b>				
1969-62 All models	900	8D	153-5720	101-4000
1961-56 24T, 25T: Hendrickson	630	2(2)	153-5690	8C-3629
1961-56 24T, 25T, 34T, 44T, 54T, 74T	900	8D	153-5720	101-4000
1975-73 450TC, 550TC	900	8D(2)	153-5720	101-4000
1981-70 715SP, 725-OS, 4700	625	31(2,3,4)	175-4370	175-4390
1981-74 736CM	700	4(4)	8C-3633	8T-9733
1981-70 765CM, 990TC, 700TC, 7700	975	8D(2,4)	153-5720	101-4000
<b>Road Packers</b>				
1967-59 All Gas engines ex. IHC	525	3	153-5690	8C-3630
Diesel, IHC Gas	900	8D	153-5720	101-4000

MAKE EQUIPMENT TYPE YEAR/MODEL	CCA @ 0°F	O.E. BCI NO.	REPLACEMENT	
			OPTION 1	OPTION 2
<b>Shovels</b>				
1964-54 24, 25: Gas w/ A-C, Hercules eng.	525	3	153-5690	8C-3630
w/ Cat. Diesel engine	520	2(4)	153-5690	8C-3629
w/ Cat. (1957-54)	340	27(2)	153-5656	8C-3601
All other Diesel engines	750	6D(1,2)	153-5700	9X-9720
1961 25: Diesel w/ A-C, Cat. engines	900	8D(2)	153-5720	101-4000
1969-59 34, 44: Gas w/ Burda engine	525	3	153-5690	8C-3630
Diesel: w/ Cat. ('60-59), A-C/Cummins engines	900	8D(1,2)	153-5720	101-4000
Diesel: All other engines	750	6D(1,2)	153-5700	9X-9720
1967-59 64, 65, 604, 703, 802: Gas	520	2(2)	153-5690	8C-3629
Diesel	900	8D(2)	153-5720	101-4000
1967-59 803, 1200, 1250	900	8D(2)	153-5720	101-4000
1961-52 1201, 1601, 2400	520	2(2)	153-5690	8C-3629
1967-62 1850, 2400	750	6D	153-5700	9X-9720
1961-59 2400	525	3	153-5690	8C-3630
<b>CLARK EQUIPMENT CO.</b>				
<b>HANCOCK DIVISION</b>				
<b>Scrapers</b>				
1971-63 12E2E, 218, 282, 292, 294	800	4D(1,2)	153-5700	9X-9720
1967-66 292	950	8D	153-5720	101-4000
<b>CLARK EQUIPMENT CO.</b>				
<b>MELROE DIVISION, See "MELROE COMPANY"</b>				
<b>LIMA DIVISION, See "CRANE DIVISION"</b>				
<b>CLARK MICHIGAN CO.</b>				
<b>See "EUCLID HITACHI HEAVY EQUIPMENT INC."</b>				
<b>CLEVELAND TRENCHER CO.</b>				
<b>Backfillers &amp; Backhoes</b>				
1963-52 80, 80W, 190W; 190: w/ Cat. eng.	525	3(1,2)	153-5690	8C-3630
Optional	410	27	153-5656	8C-3601
1974-63 80W, 190W: w/ Cat. engine	935	8D(2)	153-5720	101-4000
All other engines	410	27	153-5656	8C-3601
1975-71 American 25	935	8D(2)	153-5720	101-4000
<b>Trenchers</b>				
1985-83 BD-81	510	30H(2)	3T-5760	115-2422
1974-68 CT-4	280	22F	3T-5859	9X-1384
1988-64 D-160, H-16, J-26, -36, -46, -57, JS-36	410	27(1,2)	153-5656	8C-3601
1974-70 H-320, S-320	935	8D(2)	153-5720	101-4000
1963-61 J-20, -30, -40, JS-30	525	3(1,2)	153-5690	8C-3630
1993-64 V-95, -110, -140; 92, 236, 240, 246, -FD, 247, -A	410	27(2)	153-5656	8C-3601
1974-52 92, 95, 110, 140, 240, L-270, 320	525	3(1,2)	153-5690	8C-3630
1993-64 240, 247, -A, 7036-SD, 7036-SD, -HD, 9600S, 9624	370	27(1,2)	153-5656	8C-3601
1993-63 320, 350, 400, 400W, -HD; 7035: w/ Cat. engine	935	8D(2)	153-5720	101-4000
1993-82 7648, 8700	935	8D(2)	153-5720	101-4000

**PROPOSITION 65 WARNING:** Battery posts, terminals and related accessories contain lead and lead compounds, chemicals known to the state of California to cause cancer and reproductive harm. **Wash hands after handling.**

Refer to page 57 for explanation of Industrial Equipment replacement footnotes.



# INDUSTRIAL EQUIPMENT

## CLIPPER — DEERE, JOHN

**IMPORTANT NOTE: BATTERIES CAN EXPLODE!** Always wear safety glasses AND shield eyes when working around batteries. Always check for proper polarity and sufficient terminal clearance BEFORE final installation to avoid dangerous sparks, potential explosion, possible severe personal injury and/or expensive electrical system and/or vehicle/equipment damage. Always check for proper polarity and sufficient clearances before connecting cables and closing hood or covers.

MAKE EQUIPMENT TYPE YEAR/MODEL	CCA @ 0°F	O.E. BCI NO.	REPLACEMENT	
			OPTION 1	OPTION 2
<b>CLIPPER</b>				
<b>NORTON COMPANY</b>				
<b>Concrete Saws</b>				
1994-90 C-18A, C-30A, C-189	410	26R	145-4518	3T-5859
1996-93 C-35B	450	70	156-5660 Ω	7X-6100
1992-90 C-65A	340	24	153-5656	3T-5857
1996-93 C-65B	400	22F	3T-5859	9X-1384
1996-88 C-142, -143, -162, 163, -202, -203	235	U1	8C-3636	—
1989-75 C-188, C-189, C-375, C-655	300	29NF	3T-5858 π	9X-1382 π
1962-55 C-250, -250A, -300, -302, -360, -362, -363, -370	475	2N	153-5690 #	8C-3629 #
1992-75 C-305, C-309, C-355, C-356, C-656, C-658	340	24	153-5656	3T-5857
1967-62 C-600, All 12-volt	290	28N	—	—
All 6-volt	475	2N	153-5690 #	8C-3629 #
<b>COCKSHUTT</b>				
<i>Additional equipment listed in the Farm Equipment section.</i>				
<b>Self-Propelled Combines</b>				
1966-61 SP430, -431, 525, 535, 542, 545	315	24	153-5656	3T-5857
1966 535, 545, Diesel	790	4H(2)	8C-3633	8T-9733
<b>COLES MOBILE CRANES</b>				
<i>See "UNIT CRANE AND SHOVEL"</i>				
<b>COMPACTION AMERICA</b>				
<i>See "HYSTER"</i>				
<b>COMPAIR CANADA, LTD.</b>				
<b>Air Compressors</b>				
1987-74 CH160PH, CH160PD, CR160/185PD	875	7D(2)	8C-3635	8T-9731
1987-74 CR275PD, CR300PD	875	7D(2)	8C-3635	8T-9731
1985-74 85, 85G	305	3EE	8C-3620	—
1986-74 RD420 Canadian, R060PD, R0750PD	935	8D	153-5720	101-4000
1987-74 R0900, R01800, R01200	935	8D(2)	153-5720	101-4000
1987-74 Compair Holman 750S	550	30H(4)	3T-5760	115-2422
1984-81 Hydrovane 1	375	24	153-5656	3T-5857
1987-84 Hydrovane HVAP, Zitar 65, 125, 175, 250	550	30H	3T-5760	115-2422
<b>CONTINENTAL EMSCO CO.</b>				
<i>See "SKAGIT PRODUCTS"</i>				
<b>CO-OP COCKSHUTT</b>				
<i>See "COCKSHUTT"</i>				
<b>CULLEN FRIESTEDT</b>				
<b>Locomotive Cranes</b>				
1973-34 15A, 30: Gas engines	850	5D	8C-3633	8T-9733 ¥
Diesel (68-65)	850	5D(4)	8C-3633	8T-9733 ¥
Diesel (64-58)	800	4(4)	8C-3633	8T-9733
1973-50 40: Gas, Diesel	1000	8D(1,2)	153-5720	101-4000
Diesel w/ Hydro-starter	390	60	—	—
<b>CURTISS-WRIGHT</b>				
<b>Self-Propelled Dumpers &amp; Scrapers</b>				
1961-59 CW-D-214, 221, 321, CW-27, -28, -215, -220, -226, -320	875	6D	153-5700	9X-9720

MAKE EQUIPMENT TYPE YEAR/MODEL	CCA @ 0°F	O.E. BCI NO.	REPLACEMENT	
			OPTION 1	OPTION 2
<b>DART TRUCK CO.</b>				
<i>See "UNIT RIG &amp; EQUIPMENT CO."</i>				
<b>DAVEY COMPRESSOR CO.</b>				
<b>Air Compressors</b>				
1978-63 85RPV, 100R	315	24	153-5656	3T-5857
1986-67 100, 125: Gas; 100RPG, 125RPG, 160RP, 160HDR	310	3EE	8C-3620	—
1984-75 Diesel	700	4D	153-5700	9X-9720
1965-62 Optional	690	3(2)	153-5690	8C-3630
1961-57 Optional	625	2E	8C-3632 Δ	—
1989-86 100RPDQ, -GQ, 125RPDQ, -GQ	475	24	153-5656	3T-5857
1965-61 125HDR, -RPV	310	3EE	8C-3620	—
1978-73 125RPD, 150RPD, 190RPD	700	4D	153-5700	9X-9720
1989-86 150RPDQ, 160RPDQ	475	24	153-5656	3T-5857
1985-67 150, 150PVC, 190, 190RPG: Gas; 200PVC: Hupp DD, Hercules, Diesel	310	3EE	8C-3620	—
	700	4D	153-5700	9X-9720
1989-75 190RPDQ, 250 Diesel	675	4D	153-5700	9X-9720
1983-75 250 Diesel Option	830	3EH(2)	8C-3632 ¥	—
1989-62 250RP, -RPD, -RPG, -RPV, -RPDQ, 365 Diesel	700	4D	153-5700	9X-9720
1989-75 365RPDQ, 600RPDQ, 750RPDQ	900	8D(1,2)	153-5720	101-4000
1978-59 400RPD, -RPV, 600RP, -RPD, -RPV	700	4D(2)	153-5700	9X-9720
1987-58 600, -RP, -RPV, 750 Diesel, 750RPD, 750PVC	700	4D(1,2)	153-5700	9X-9720
<b>DAVIS MANUFACTURING</b>				
<i>See "CASE, J.I."</i>				
<b>DAYBROOK-OTTAWA CORP.</b>				
<i>See "OTTAWA STEEL PRODUCTS"</i>				
<b>DEERE, JOHN</b>				
<i>Additional equipment listed in the Farm Equipment section.</i>				
<b>Alternators</b>				
65	300	U1	8C-3636 ¥	—
3200, 4000, 5000	335	22NF	3T-5859 ∞	9X-1384 ∞
<b>AMTs</b>				
600, 622, 626	300	U1	8C-3636 ¥	—
<b>Backhoe Loaders</b>				
1999-66 210C, 300, 300B	385	24	153-5656	3T-5857
210C Optional	570	30H(1,2)	3T-5760	115-2422
300D, 310D, 315D, 410D, 510D	625	31(1,2)	175-4370	175-4390
1984-71 301A, 310A, 310B; 310: Gas, Diesel (Requires 2 batts.)	850	3EH(1,2)	8C-3632 ¥	—
310 Optional	625	30H	3T-5760	115-2422
1973-71 301, 401, 401A	525	24(1,2)	153-5656	3T-5857
1998-73 302, 302A, 310C, 401B, 401C	420	24(2)	153-5656	3T-5857
Optional	625	30H(1,2)	3T-5760	115-2422
315C, 315D, 315CH	625	30H(1,2)	3T-5760	115-2422
Optional	550	24	153-5656	3T-5857
1983-70 410, 500C, 510	830	3EH(2)	8C-3632 ¥	—
410 Optional	425	3ET(1)	8C-3620	—
1999-96 410D, 510D, 710D	625	31(1,2)	175-4370	175-4390

**PROPOSITION 65 WARNING:** Battery posts, terminals and related accessories contain lead and lead compounds, chemicals known to the state of California to cause cancer and reproductive harm. **Wash hands after handling.**



**IMPORTANT NOTE: BATTERIES CAN EXPLODE! Always wear safety glasses AND shield eyes when working around batteries. Always check for proper polarity and sufficient terminal clearance BEFORE final installation to avoid dangerous sparks, potential explosion, possible severe personal injury and/or expensive electrical system and/or vehicle/equipment damage. Always check for proper polarity and sufficient clearances before connecting cables and closing hood or covers.**

MAKE EQUIPMENT TYPE YEAR/MODEL	CCA @ 0°F	O. E. BCI NO.	REPLACEMENT	
			OPTION 1	OPTION 2
<b>Backhoe Loaders (continued)</b>				
1999-83 410B, 410C, 510B, 510C, 610B, 610C, 710B: 710C	625	30H(1,2)	3T-5760	115-2422
415B, 515B	750	31(1,2)	175-4370	175-4390
500A: Diesel (before 1968), 500A, 500B: Gas	460	3ET(1,2)	8C-3620	—
500A: Diesel (after 1968), 500B: Diesel	850	3EH(2)	8C-3632 ¥	—
<b>Balers</b>				
1967-59 216, 224, 323	315	24	153-5656	3T-5857
<b>Compactors &amp; Cotton Pickers</b>				
1977-68 646, 9900	570	30H(1,2)	3T-5760	115-2422
1980-72 646B	800	4D(2)	153-5700	9X-9720
1984-78 646C; 9910, 9940	625	31(1,3)	175-4370	175-4390
1977-68 9900	570	30H	3T-5760	115-2422
<b>Cotton Strippers</b>				
1976-71 482, 484	570	30H	3T-5760	115-2422
1981-78 484	580	31	175-4370	175-4390
1977-59 484	500	24	153-5656	3T-5857
<b>Excavators</b>				
15	300	U1	8C-3636 ¥	—
25	530	24	153-5656	3T-5857
1999-86 30, 50, 70 (Requires 2 batts.), 70D, 290D	530	24(1,2)	153-5656	3T-5857
1999-78 490, 495, 590, 595, 890	570	30H(2)	3T-5760	115-2422
490D, 490E, 495D, 590D, 595D	625	30H(2)	3T-5760	115-2422
690CR, 690D	750	31(2)	175-4370	175-4390
690D	950	31	175-4390	—
690D (Heavy Duty)	1100	4D(2)	153-5700	9X-9720
1990-64 500, -A, -B, 600	450	3ET(1,2)	8C-3620	—
1984-69 690, 690B	975	4EH(2)	8C-3632 ¥	—
1999-81 690C, 890A, 990	625	31(2,4)	175-4370	175-4390
690E, 690D/DR (160 min. RC)	625	31(2)	175-4370	175-4390
690E Optional	1100	4D(2)	153-5700	9X-9720
690/690 (after 001671)	975	4(2)	8C-3633	—
690/690A	850	3EH(2)	8C-3632 ¥	—
1999-84 790, 790D, 790E, 792	900	4D(2)	153-5700	9X-9720
890	625	30H(2)	3T-5760	115-2422
890 Option, 892D-LC, 992D-LC	1100	4D(2)	153-5700	153-5710
<b>Forklifts</b>				
1986-72 380, 380B, 480, 480B, 480C: Gas, Diesel	420	24(1,2)	153-5656	3T-5857
1990-86 482C	625	30H(1,2)	3T-5760	115-2422
<b>Graders</b>				
1999-71 570, 570A	850	3EH(2)	8C-3632 ¥	—
570B	625	31(2)	175-4370	175-4390
1999-75 670, -A, -B, 672A, -B, 770, 770A, -B, 772A, -B, 770B/BH, 772B/BH	625	30H(2)	3T-5760	115-2422
Optional: 770A, 770B, 772A, 772B	800	4D(2)	153-5700	9X-9720
<b>Hay Cubers</b>				
1967-65 400	1000	8D	153-5720	101-4000

MAKE EQUIPMENT TYPE YEAR/MODEL	CCA @ 0°F	O. E. BCI NO.	REPLACEMENT	
			OPTION 1	OPTION 2
<b>Loaders</b>				
244E	450	26	8C-3600	145-4517
344E	625	31	175-4370	175-4390
84	530	24(2)	153-5656	3T-5857
1980-74 444, 544B	975	4D(2)	153-5700	9X-9720
1999-79 444C, 444CH, 444D, 544C, 544, 544D, 644C, 644D, 844	750	31(1,2,3)	175-4370	175-4390
1999-90 444E, 544E	625	31(1,2)	175-4370	175-4390
1973-70 544A, 644A	545	30H(1,2)	3T-5760	115-2422
624E, 644	750	31(1,2)	175-4370	175-4390
1980-74 644B	800	4D(2)	153-5700	9X-9720
1999-90 644E	950	31(1,2)	175-4390	—
744E	1000	8D	153-5720	101-4000
1999-79 844	750	31(4)	175-4370	175-4390
LX100, LX120, LXD100, LXD120	625	31(2)	175-4370	175-4390
LX150	950	31(2)	175-4390	—
<b>Scrapers</b>				
760	625	1(4)	8C-3617	8T-9734
1976-69 760A	870	7D(2)	8C-3635	8T-9731
1999-75 762, 762B	570	30H(2)	3T-5760	115-2422
1986-80 762A, 862	625	31(2)	175-4370	175-4390
860	900	4D(2)	153-5700	9X-9720
1980-73 860A, 860B	800	4D(2)	153-5700	9X-9720
1979-77 860B	545	30H(2)	3T-5760	115-2422
862 (before 705470)	750	31(2)	175-4370	175-4390
1990-86 862 (after 705470)	545	30H(2)	3T-5760	115-2422
1998-86 862B	625	30H(2)	3T-5760	115-2422
<b>Self-Propelled &amp; Pull Type Combines</b>				
1965-50 All pull type models	525	1(1,2)	8C-3617	8T-9734
1965-60 40, 45: Gas, LP-Gas	315	24	153-5656	3T-5857
1963-62 LP-Gas	525	1(2)	8C-3617	8T-9734
1965-60 Diesel	475	30H(2)	3T-5760	115-2422
1965-50 45, 55, 95, 95H: Gas, LP-Gas	525	1(1,2)	8C-3617	8T-9734
95H Diesel; 105: Gas, Diesel	475	30H(2)	3T-5760	115-2422
<b>Self-Propelled Windrowers</b>				
1966-60 VH4	525	1	8C-3617	8T-9734
1966-62 215	315	24	153-5656	3T-5857
<b>Skidders</b>				
1999-83 340D	750	31(2)	175-4370	175-4390
1999-75 440C, 440D, 448D, 540B, 640, 640D, 648D	625	31(2)	175-4370	175-4390
1977-69 440, 440A, 440B	370	24(2)	153-5656	3T-5857
440B (Power Shift)	625	30H(2)	3T-5760	115-2422
1998-84 540D, 548D	625	30H	3T-5760	115-2422
1990-69 540, 540A, 740, 740A, 740D	570	30H(1,2)	3T-5760	115-2422
Optional	625	31(2)	175-4370	175-4390
540E, 548E, 640E, 740E, 748E	950	31(1,2)	175-4390	—
<b>Skid Steer Loaders</b>				
1984-80 60	420	22F	3T-5859	9X-1384
1980-77 60	180	U1	8C-3636	—
1984-72 70, 90, 125: Gas	500	24	153-5656	3T-5857
1984-78 125: Diesel	625	31	175-4370	175-4390
1977-76 125: Diesel	545	30H	3T-5760	115-2422
1975-72 170	530	24	153-5656	3T-5857
1978-71 JD-14, JD-24, JD-24A: Gas	500	24	153-5656	3T-5857
Diesel	545	30H	3T-5760	115-2422

**PROPOSITION 65 WARNING:** Battery posts, terminals and related accessories contain lead and lead compounds, chemicals known to the state of California to cause cancer and reproductive harm. **Wash hands after handling.**



## INDUSTRIAL EQUIPMENT

## DEERE, JOHN — DUPLEX DIVISION

**IMPORTANT NOTE: BATTERIES CAN EXPLODE!** Always wear safety glasses AND shield eyes when working around batteries. Always check for proper polarity and sufficient terminal clearance BEFORE final installation to avoid dangerous sparks, potential explosion, possible severe personal injury and/or expensive electrical system and/or vehicle/equipment damage. Always check for proper polarity and sufficient clearances before connecting cables and closing hood or covers.



MAKE EQUIPMENT TYPE YEAR/MODEL	CCA @ 0°F	O.E. BCI NO.	REPLACEMENT	
			OPTION 1	OPTION 2
<b>Skid Steer Loaders (continued)</b>				
1984-78 Diesel	625	31	175-4370	175-4390
375	450	70	153-5660 Q	7X-6100
570, 575, 6785	460	3ET	8C-3620	—
675B	950	31	175-4390	—
<b>Tractors: Crawlers</b>				
1999-65 350, -B, -C, -D, 355D (JD Series), 400G	625	30H(1,2)	3T-5760	115-2422
1985-65 450, -B, -C, -D, 455D, 550A, 555, -A	570	30H(1,2)	3T-5760	115-2422
1999-75 450E, 450ELT, 455E, 550, 550B, 555B, 655	570	30H(1,2)	3T-5760	115-2422
450G, 455G, 550G, 555G, 625G	625	31(1,2)	175-4370	175-4390
1999-76 655B, 750, 750B, 750BLGP, 755, 755A, 755B	570	30H(2)	3T-5760	115-2422
Optional: 655B, 750	800	4D(2)	153-5700	9X-9720
1999-85 655B, 755B	625	31(1,2)	175-4370	175-4390
Optional	950	31(2)	175-4390	—
1998-85 750B, -BLGP, 755B	625	30H(2)	3T-5760	115-2422
Optional	900	4D(2)	153-5700	9X-9720
1998-78 850, 850B, 855, 750LGP, 850LGP, -B, -BLGP, 855B	625	30H(2)	3T-5760	115-2422
Optional	800	4D(2)	153-5700	9X-9720
1964-60 1010, 2010	500	24	153-5656	3T-5857
<b>Tractors, Compact Utility</b>				
650, 750, 770	420	24	153-5656	3T-5857
850, 900HC, 950, 970, 1050	525	30H	3T-5760	115-2422
655, 755, 855	425	22F	3T-5859	9X-1384
670, 855, 955	460	45	—	—
970, 1070	625	30H	3T-5760	115-2422
<b>Tractors: 2-Wheel Industrial &amp; Wheel Loaders</b>				
1985-66 300, 301A, 302, 401B, 401D	370	24(1,2)	153-5656	3T-5857
1986-82 310B, 500	830	3EH(2)	8C-3632 Y	—
Optional: 310B	545	30H	3T-5760	115-2422
<b>Tractor, Wheel</b>				
All 300, 301, 400, 401, 401A, 401C, 401D	550	24(1,2)	153-5656	3T-5857
500A (after 1969), 500B: Diesel	850	3EH(2)	8C-3632 Y	—
500, 500A (before 1969), 600: Gas	460	3ET	8C-3620	—
500, 500A, 500B: Gas	460	3ET	8C-3620	—
600: Diesel	850	3EH(2)	8C-3632 Y	—
700, 700A (before 025158)	625	1(4)	8C-3617	8T-9734
700A (after 025159)	975	7D(2)	8C-3635	8T-9731
<b>Tree Harvester, Feller-Buncher</b>				
493D	625	30H(2)	3T-5760	115-2422
643, 653E	950	31(1,2)	175-4390	—
643D	625	31(1,2)	175-4370	175-4390
1984-77 693B	975	4(2)	8C-3633	—
1999-85 693C	750	31(1,2)	175-4370	175-4390
1999-90 693D	625	31(1,2)	175-4370	175-4390
1984-77 743, 743A, 743-TH, 743-FB	625	30H(2)	3T-5760	115-2422
<b>Wheel Loaders</b>				
300, 300B, 301, 301A, 302, 302A, 401B	550	24(1,2)	153-5656	3T-5857

MAKE EQUIPMENT TYPE YEAR/MODEL	CCA @ 0°F	O.E. BCI NO.	REPLACEMENT	
			OPTION 1	OPTION 2
<b>Utility Vehicles</b>				
4x2, 6x4 Gators	300	U1	8C-3636 Y	—
<b>DEMPSTER</b>				
<b>Compaction Trailers</b>				
1961-60 All models	525	2E	8C-3632 Δ	—
<b>Diggsters &amp; Dumpsters</b>				
1961-54 101D, 101G; GRD-300, -304, -304F	850	5D	8C-3633	8T-9733 Y
<b>DEUTZ-ALLIS</b>				
<i>See Farm Equipment section</i>				
<b>DEVERE MFG. CO.</b>				
<b>Heavy Duty Mowers</b>				
1977-59 Expressway Patrol 10	465	NA	—	—
Special 12-volt, 9-1/2" x 5-1/2" 9-1/4" Figure assembly No. 11				
1977-59 24, 31-V, 31-VR, TR60	165	U1	8C-3636	—
<b>DITCHWITCH</b>				
<i>See "THE CHARLES MACHINE WORKS, INC."</i>				
<b>DOMINION</b>				
<b>Power Shovel and Truck Cranes</b>				
1971-58 All models	650	3(1,2,4)	153-5690	8C-3630
<b>DOUGLAS MOTORS CORP.</b>				
<b>Vibratory &amp; Tandem Econoroll Rollers</b>				
1967-56 All models	335	32N	—	—
<b>DRESSER INDUSTRIES, INC.</b>				
<i>See "GALION MANUFACTURING CO.," "INTERNATIONAL HOUGH DIVISION" or "LE ROI DIVISION"</i>				
<b>DRILTECH, INC.</b>				
<b>Crawlers &amp; Trucks</b>				
1985-74 All	1000	8D(2,4)	153-5720	101-4000
<b>DROTT MFG. CO.</b>				
<i>See "CASE, J.I."</i>				
<b>DUNHAM MFG. CO., INC.</b>				
<i>See "LOG HOG MANUFACTURING, INC."</i>				
<b>DUPLEX DIVISION</b>				
<b>WARNER &amp; SWASEY CO.</b>				
<i>In the absence of a cranking performance rating from the manufacturer, the ratings shown are based upon industry consensus.</i>				
<b>Crane Carriers</b>				
1975-69 All: Gas, Diesel (Requires 4 batts.)	410	30H(1,4)	3T-5760	115-2422

**PROPOSITION 65 WARNING:** Battery posts, terminals and related accessories contain lead and lead compounds, chemicals known to the state of California to cause cancer and reproductive harm. **Wash hands after handling.**

**IMPORTANT NOTE: BATTERIES CAN EXPLODE!** Always wear safety glasses AND shield eyes when working around batteries. Always check for proper polarity and sufficient terminal clearance BEFORE final installation to avoid dangerous sparks, potential explosion, possible severe personal injury and/or expensive electrical system and/or vehicle/equipment damage. Always check for proper polarity and sufficient clearances before connecting cables and closing hood or covers.

MAKE EQUIPMENT TYPE YEAR/MODEL	CCA @ 0°F	O.E. BCI NO.	REPLACEMENT	
			OPTION 1	OPTION 2
<b>Gradalls &amp; Gradall Carriers</b>				
1975-59 All except models shown below	410	30H(1,2,4)	3T-5760	115-2422
1975-68 GR 6x6, 6x4: Cummins Diesel	800	4(4)	8C-3633	8T-9733
<b>Hopto Carriers &amp; Industrial High Loaders</b>				
1975-86 All	410	30H(1,2)	3T-5760	115-2422
1967-66 Beaver	230	24	153-5656	3T-5857
<b>Lift Trucks</b>				
1975-67 1200, 1201, 1203, 1600, 1601, 1603: Gas	410	30H	3T-5760	115-2422
1200, 1202, 1600, 1602: Diesel	625	3(2)	153-5690	8C-3630
1975-69 RPC-300	900	8D(2)	153-5720	101-4000
<b>D. W. ONAN</b>				
See "ONAN"				
<b>DYNAPAC MFG., INC.</b>				
<b>Pavement Profiler</b>				
1987-86 PL-1300	625	31(2)	175-4370	175-4390
1987-80 PL-2000	1100	8D(2)	153-5720	101-4000
<b>Self-Propelled Vibratory Compactor</b>				
1988-81 CA-12, CC-50 II PD & S	625	31	175-4370	175-4390
1988-69 CA-15, CA-25, CA-25 II	775	4D	153-5700	9X-9720
1984-74 CC-10, -I	390	27	153-5656	8C-3601
1983-75 Optional	335	24	153-5656	3T-5857
1988-84 CC-10 II, CC-12 (Best fit est.)	370	46	153-5656 ≠	127-0824 ≠
1988-75 CC-14, CC-21, CC-21 II (Best fit est.)	775	4D	153-5700	9X-9720
1988-72 CC-42, CC-42 II, CC-50, CC-50A, CC-50 PD & D	775	4D	153-5700	9X-9720
1988-87 CC-50A II, CC-50 PD & S	625	31(2)	175-4370	175-4390
1981-70 DD-16, DD-18 (Double Drum)	225	22NF	3T-5859 ∞	9X-1384 ∞
1981-64 CK-11, CF-11 (Tow Type)	335	24	153-5656	3T-5857
1981-75 CG-08 (Tandem Roller), CG-09	315	42	8C-3605 π	—
<b>DYNA-TECHNOLOGY, INC.</b>				
Formerly "WINCHARGER"				
<b>Generator Plants</b>				
<i>During these years, the following sizes were used:</i>				
1974-56 (Measure carefully. Watch voltage!)	525	1(1,2)	8C-3617	8T-9734
	525	2	153-5690	8C-3629
	410	24	153-5656	3T-5857
	325	60	—	—
<b>EATON CORPORATION</b>				
See "TROJAN INDUSTRIES, INC."				
<b>EDWARDS EQUIPMENT CO.</b>				
See Farm Equipment section				

MAKE EQUIPMENT TYPE YEAR/MODEL	CCA @ 0°F	O.E. BCI NO.	REPLACEMENT	
			OPTION 1	OPTION 2
<b>E.D. ETNYRE CO.</b>				
<b>Chip Spreaders</b>				
1964-63 All models	280	24	153-5656	3T-5857
1967-65 All models	240	72	156-5660 Ω	7X-6100
1993-75 A-C 649T: Diesel, Cummins: 6BT, 6BTA	565	27(2)	153-5656	8C-3601
1994-85 Cat. 3208, 3208T, 6CT, 6CTA	760	4D(2)	153-5700	9X-9720
1996-86 CR3208, -T	760	4D(2)	153-5700	9X-9720
1999-86 CS6BT, -A	565	27(2)	153-5656	8C-3601
1999-87 CS6CT, -A	760	4D(2)	153-5700	9X-9720
1993-75 Ford 429: GM 4-53N, T	565	27(1,2)	153-5656	8C-3601
1976-63 IHC: U-372, U-450, UD-407	440	27(1,2)	153-5656	8C-3601
1984-77 V-392	345	27	153-5656	8C-3601
<b>Haulers</b>				
1999-89 Heavy Hauler	260	22NF	3T-5859 ∞	9X-1384 ∞
1999-76 Maintenance Units - All	280	24	153-5656	3T-5857
<b>Pavers</b>				
1996-73 Curb Paver: Wisconsin; Briggs-Stratton AO 2447	220	U1	8C-3636	—
1991-81 FC-400	760	4D	153-5700	9X-9720
<b>Snow King Road Distributors &amp; Pumping Units</b>				
1993-66 All	280	24	153-5656	3T-5857
1965-62 All	525	1	8C-3617	8T-9734
<b>Street Flushers</b>				
1975-57 Ford 240, 223; IHC UB-220, Hercules QXC5	280	24	153-5656	3T-5857
1975-62 Ford 220: Diesel	760	4D	153-5700	9X-9720
1993-84 Ford 442, 649	565	27	153-5656	8C-3601
1991-74 GM 3-53: Diesel; JD 4239	360	27(1,2)	153-5656	8C-3601
1999-94 JD-E0A5D	565	27	153-5656	8C-3601
<b>EIMCO MINING MACHINERY</b>				
Formerly "ENVIROTECH CORP."				
<b>Crawler Tractors</b>				
1968-53 All models	900	8D(1,2)	153-5720	101-4000
<b>Loaders (MHSA Schedule 24)</b>				
1984-70 911, 911-LHD, 912D-LHD	480	30H	3T-5760	115-2422
1984-67 912, -LHD, 913-LHD, 915, -LHD, 916, 918,	900	8D(1,2)	153-5720	101-4000
1983-81 913D-LHD	700	4D(2)	153-5700	9X-9720
1984-82 920-LHD, 925X-LHD	900	8D(1,2)	153-5720	101-4000
<b>Utility Vehicles (MHSA Schedule 24)</b>				
1974-67 916-T20	900	8D(2)	153-5720	101-4000
1984-72 922, 980, 980-T10, 980-T13	480	30H(2)	3T-5760	115-2422
1984-70 975, 975A, 980-T10, 980-T13, 980-T015	600	27(1,2)	153-5656	8C-3601
1984-77 980-T20, 980-T27	900	8D(2)	153-5720	101-4000
1984-79 985, 990 Lift Truck; 950, 955, 955L Minetenders	600	27(1,2)	153-5656	8C-3601

**PROPOSITION 65 WARNING:** Battery posts, terminals and related accessories contain lead and lead compounds, chemicals known to the state of California to cause cancer and reproductive harm. **Wash hands after handling.**

Refer to page 57 for explanation of Industrial Equipment replacement footnotes.



# INDUSTRIAL EQUIPMENT

## ELGIN SWEEPER CO. — EUCLID HITACHI HEAVY EQUIPMENT, INC.

**IMPORTANT NOTE: BATTERIES CAN EXPLODE!** Always wear safety glasses AND shield eyes when working around batteries. Always check for proper polarity and sufficient terminal clearance BEFORE final installation to avoid dangerous sparks, potential explosion, possible severe personal injury and/or expensive electrical system and/or vehicle/equipment damage. Always check for proper polarity and sufficient clearances before connecting cables and closing hood or covers.

MAKE EQUIPMENT TYPE YEAR/MODEL	CCA @ 0°F	O.E. BCI NO.	REPLACEMENT	
			OPTION 1	OPTION 2
<b>ELGIN SWEEPER CO.</b>				
<b>Catch Basin Cleaners &amp; Street Sweepers</b>				
1967-59 Eductor; Sweepers: Gas models	335	32N	—	—
1979-69 Eductor: Model L, M; Sweepers: Gas models	440	27	153-5656	8C-3601
1975-60 Sweepers: All Diesel models	800	4(2)	8C-3633	8T-9733
1988-85 Condor Model E	625	31(2)	175-4370	175-4390
<b>Crosswind Models (incl. Diesel)</b>				
1991-83 GMC chassis Model G	525	74(2)	153-5660	—
1991-83 Ford chassis Model G, All Model L	535	64(2)	8C-3611	—
1997-88 Eagle: Model E, F	750	31(2)	175-4370	175-4390
1999-96 Geo-Vac	925	31	175-4390	—
Geo-Vac Chassis, Federal Chassis	925	31(2)	175-4390	—
Ford Chassis	925	64(2)	—	—
GMC Chassis	550	74(2)	153-5660	—
<b>Pelican:</b>				
1999-88 Model P, S, SE	925	31	175-4390	—
1990-86 Model A; Model S: Diesel	625	31	175-4370	175-4390
1986-83 Model A, HH; Model S: Diesel	680	4(2)	8C-3633	8T-9733
1984-66 Model S: Gas	440	27	153-5656	8C-3601
<b>Road Runner Model W:</b>				
1984-79 Diesel	875	7D(2)	8C-3635	8T-9731
1984-79 Gas	440	27	153-5656	8C-3601
1990-85 Trailwind Model D	300	41	8C-3605	—
<b>Whirlwind:</b>				
1997-88 Series L	925	31	175-4390	—
<b>Whirlwind II:</b>				
1991-88 Model L w/ Ford eng.	535	64(2)	8C-3611	—
1991-88 w/ IHC engine	520	41	8C-3605	—
1990-84 Model V: Diesel	525	74(2)	153-5660	—
1983-73 Model V: Diesel	625	31(2)	175-4370	175-4390
1985-84 Model V: Gas	525	78	153-5660 ≈	127-0826 ≈
1983-73 Model V: Gas	335	24	153-5656	3T-5857
<b>White Wing:</b>				
1984-63 Model T: Gas	440	27	153-5656	8C-3601
1984-73 Model T: Diesel	680	4(2)	8C-3633	8T-9733
<b>ELWELL-PARKER</b>				
<b>Industrial Trucks</b>				
1974-58 All models	525	2	153-5690	8C-3629
<b>ENUMCLAW</b>				
See "GARRETT ENUMCLAW CO."				
<b>ENVIROTECH CORP.</b>				
See "EIMCO MINING MACHINERY"				
<b>ESSICK MAYCO</b>				
<b>CONSTRUCTION EQUIPMENT A FIGGIE INTERNATIONAL COMPANY</b>				
<b>Compressors</b>				
1966-60 45TE, 58TE	525	1	8C-3617	8T-9734

MAKE EQUIPMENT TYPE YEAR/MODEL	CCA @ 0°F	O.E. BCI NO.	REPLACEMENT	
			OPTION 1	OPTION 2
<b>Emulsion &amp; Exterior Sprayers</b>				
1985-79 ES2 27T (w/ elec. start)	280	24	153-5656	3T-5857
1995-90 50XT	515	24	153-5656	3T-5857
<b>Graders &amp; Maintainers</b>				
1982-67 F-1500, F-1900	935	8D	153-5720	101-4000
1976-67 All maintainers	390	27	153-5656	8C-3601
1991-82 M-850A, -B	550	3(2)	153-5690	8C-3630 ¥
<b>Mixers</b>				
1967-60 1212	525	2E	8C-3632 Δ	—
<b>Plastering Machines</b>				
1967-62 All	360	24	153-5656	3T-5857
1994-93 FM-9H	220	U1	8C-3636	—
1985-78 MG-18, MG-13MD, MG-30, -30D, MG-30MD	335	22NF	3T-5859 ∞	9X-1384 ∞
1993-64 PG-12, PG-12MD, TM30, -30MD	280	24	153-5656	3T-5857
1993-86 TM45LD	360	24	153-5656	3T-5857
<b>Pumps (incl. Concrete)</b>				
1995-67 MCP35, 38, 40M	280	24	153-5656	3T-5857
1966-60 40M	525	1	8C-3617	8T-9734
1967-60 90M	525	2E	8C-3632 Δ	—
<b>Road Rollers</b>				
1966-46 All models	525	1	8C-3617	8T-9734
1967 All models	315	24	153-5656	3T-5857
<b>Rollers (Tandem &amp; 3-Wheel)</b>				
1975-67 3/5, 4/6	390	27	153-5656	8C-3601
1982-75 5/8, 8/12	760	4D	153-5700	9X-9720
1977-67 All 10 ton 3-wheel	550	3(2)	153-5690	8C-3630 ¥
<b>Rollers (Pneumatic &amp; Vibratory)</b>				
1976-67 All pneumatic	390	27	153-5656	8C-3601
1993-67 V30R-R, V30W2R, V30WR, VR30RE	220	U1	8C-3636	—
1993-80 V30W2LD	225	22NF	3T-5859 ∞	9X-1384 ∞
1985-62 VR28R, VR42RE, -RET, -RED, VR54TEA, -TEW	280	24	153-5656	3T-5857
1990-67 VR54TEDD, -TEHD, -TELD, VF54TEDD	515	2(2)	153-5690	8C-3629
1985-60 V727F, V72S, 72TECD	515	2(2)	153-5690	8C-3629
1985-77 VR130B, VR130R	220	U1	8C-3636	—
1985-62 320-100	280	24	153-5656	3T-5857
1966-60 54TEC, VR72	450	1	8C-3617	8T-9734
1967 54TEC, VR72	360	24	153-5656	3T-5857
<b>EUCLID HITACHI HEAVY EQUIPMENT, INC.</b>				
<b>Crawler Tractors</b>				
1955-61 TC-12	950	8D(2)	153-5720	101-4000
<b>Graders</b>				
1980-73 301, 401, 501: Pacer & Super	900	7D(2,4)	8C-3635	8T-9731
<b>Haulers</b>				
1989-88 R25, -35, -50, -85, -120, -170, -190	950	8D(2)	153-5720	101-4000
1989-88 R100	285	30HR(2)	3T-5760	115-2422

**PROPOSITION 65 WARNING:** Battery posts, terminals and related accessories contain lead and lead compounds, chemicals known to the state of California to cause cancer and reproductive harm. **Wash hands after handling.**

**EUCLID HITACHI HEAVY EQUIPMENT CO. — FIGGIE INTERNATIONAL**

**IMPORTANT NOTE: BATTERIES CAN EXPLODE! Always wear safety glasses AND shield eyes when working around batteries. Always check for proper polarity and sufficient terminal clearance BEFORE final installation to avoid dangerous sparks, potential explosion, possible severe personal injury and/or expensive electrical system and/or vehicle/equipment damage. Always check for proper polarity and sufficient clearances before connecting cables and closing hood or covers.**

MAKE EQUIPMENT TYPE YEAR/MODEL	CCA @ 0°F	O.E. BCI NO.	REPLACEMENT	
			OPTION 1	OPTION 2
<b>Industrial Tractors</b>				
1961-52 Models w/ Buda, Cummins 6-cyl. eng.	950	8D(2)	153-5720	101-4000
w/ GM 4-71, 6-71 eng.	950	8D	153-5720	101-4000
Front end loader w/ GM 4-71	800	4D	153-5700	9X-9720
w/ GM 6-71 eng. w/ air start	900	7D(2)	8C-3635	8T-9731
1968-62 All 12-volt, 24-volt w/ elec. start	950	8D(1,2)	153-5720	101-4000
All w/ air start	800	4D	153-5700	9X-9720
<b>Scrapers</b>				
1980-64 2E, 12E, 110: Series all, 192	700	4D(1,2,4)	153-5700	9X-9720
1980-65 210, -111H, -HB, 310, -H, -TH	900	8D(2)	153-5720	101-4000
1977-63 218, 282, 292, 292E, 294, 392, 410	700	4D(1,2,4)	153-5700	9X-9720
<b>Skidders</b>				
1992-88 664D, 665D, 666D, 667D	625	31(1,2)	175-4370	175-4390
1992-88 668D	800	4D(2)	153-5700	9X-9720
1992-88 F665, -666, -667, -668	700	31(1,2)	175-4370	175-4390
<b>Wheel Dozers</b>				
1992-81 W280B, W280C, 280B, 280C	700	31(4)	175-4370	175-4390
1992-80 W380, W380B	625	31(4,8)	175-4370	175-4390
<b>Wheel Loaders</b>				
1991-78 35C, 45C, 55C	700	31(2)	175-4370	175-4390
1991-81 75C, 125C	625	31(4)	175-4370	175-4390
1991-79 175C, 275C, 475C, 475C Turbo	625	31(4,8)	175-4370	175-4390
Optional	900	8D(2,4)	153-5720	101-4000
1991-75 675	900	8D(4)	153-5720	101-4000
1992-88 L30 (spl. 12-volt batt.)	380	NA(2)	—	—
1992-88 L50, L70, L90, L120, L160 (spl. 12-volt batt.)	NA	NA(2)	—	—
1992-88 L140, L190B, L270B, L320, L480, L480T	625	31(4,8)	175-4370	175-4390
<b>EVEREADY BRIKSAW CO.</b>				
<b>Concrete Saws</b>				
1965-55 All ex. below	475	2N	153-5690 #	8C-3629 #
1965-62 E-60; All w/ 12-volt ignition	290	28N	—	—
<b>FAIRBANKS-MORSE</b>				
<b>Generating Sets</b>				
1963-50 Models 3KA- thru 35A- models	500	30H	3T-5760	115-2422
1963-58 Models 40A- thru 125A- models	800	4D	153-5700	9X-9720
1963-60 Models 150A- thru 350A- models	950	8D(2,3)	153-5720	101-4000
<b>Generating Sets, Air-Cooled</b>				
1966-64 DA-6P, -10P, -350P, -150P: Diesel	500	30H(1,2)	3T-5760	115-2422
1966-63 G2500WBR, GS5000CR, GS10000CR, GS15000CR, GS2000	410	27	153-5656	8C-3601
<b>Diesel Generating Sets, Water-Cooled</b>				
1966-63 B10D thru B75D, B15/20D thru B125/140D	800	4D(1,2)	153-5700	9X-9720
1966-63 B100D thru B578D, B150/175D thru B550/630D	950	8D(1,2,4)	153-5720	101-4000
1969-66 15D17 thru 150T6B	800	4D(1,2)	153-5700	9X-9720
1969-66 150TCA6B thru 600TCW12	950	8D(2)	153-5720	101-4000

MAKE EQUIPMENT TYPE YEAR/MODEL	CCA @ 0°F	O.E. BCI NO.	REPLACEMENT	
			OPTION 1	OPTION 2
<b>Gas Generating Sets, Water-Cooled</b>				
1969-63 B10A- thru B75A-; All 'G' Series models	500	30H	3T-5760	115-2422
1969-63 B50A-204-804, 100F817	800	4D	153-5700	9X-9720
1969-63 B100A- thru B150A-; 125F-, 105F-1197	950	8D(1,2)	153-5720	101-4000
1967-66 30G23, 50G34, 75UV549	475	55H	—	—
<b>FEDERAL SIGN &amp; SIGNAL CORP.</b>				
<i>See "BURRO CRANE INC."</i>				
<b>FERGUSON</b>				
<i>See Farm Equipment section</i>				
<b>FIATALLIS NORTH AMERICA, INC</b>				
<b>Crawler Tractors</b>				
1981-68 HD6, HD7G, HD11, HD16, 12G, 16B	775	4D(2)	153-5700	9X-9720
1985-69 21, 21B, 21C, 31, FD30, FD40, FD50	975	8D(2)	153-5720	101-4000
1976-68 HD-6, -7G, -11, -12G, -16, -16B	775	4D(2)	153-5700	9X-9720
1985-69 HD-21, -21B, -21C, -FD-30, -31, HD-41, -41B	975	8D(2,4)	153-5720	101-4000
1985-78 10C, FL10C, 14C, FL14C	775	4D(2)	153-5700	9X-9720
<b>Crawler Tractors &amp; Loaders</b>				
1985-82 FD-5, FL-5, FD-7, FL-7	345	27(2)	153-5656	8C-3601
1985-78 8B, FL9, FD20, FL20	775	4D(2)	153-5700	9X-9720
<b>Dozers &amp; Excavators</b>				
1985-64 D30; FE-20, FE-28, FE-40	775	4D(2)	153-5700	9X-9720
1966-63 D40	975	8D(2)	153-5720	101-4000
1985-82 FE-18	545	30H(2)	3T-5760	115-2422
<b>Motor Graders</b>				
1971-61 D, DD	450	1(2)	8C-3617	8T-9734
1971-61 45, 145, 145T, M-60, M-70, FG-85, FG-95	750	5D(4)	8C-3633	8T-9733 ¥
1985-82 FG-85, FG-95	345	27(2)	153-5656	8C-3601
1985-73 FG-75, 100C, 150C, 200C	775	4D(2,4)	153-5700	9X-9720
1978-71 M65, M65D, M65G	545	30H	3T-5760	115-2422
1985-79 65B	580	30H(2)	3T-5760	115-2422
<b>Pipelayers &amp; Tractor Scrapers</b>				
1985-76 PL-40, FP-60	775	4D(2)	153-5700	9X-9720
1985-73 FP-120, 161, 260, 261, 262, 263	975	8D(2)	153-5720	101-4000
<b>Wheel Loaders</b>				
1985-72 345B, 545B, 605B	545	30H(2)	3T-5760	115-2422
1981-72 645B, 745C	775	4D(2)	153-5700	9X-9720
1984-75 945B	975	8D(2)	153-5720	101-4000
1985-81 FR-7, FR-10, FR-12,	655	29H(2)	3T-5760	115-2422
1985-80 FR-15, FR-20	580	30H(4)	3T-5760	115-2422
1985-84 FR-30, FR-35	625	31(4)	175-4370	175-4390
<b>FIGGIE INTERNATIONAL</b>				
<i>See "ESSICK MAYCO" or "SNORKEL"</i>				

**PROPOSITION 65 WARNING:** Battery posts, terminals and related accessories contain lead and lead compounds, chemicals known to the state of California to cause cancer and reproductive harm. **Wash hands after handling.**



# INDUSTRIAL EQUIPMENT

## FINN CORPORATION — FORD-HEW HOLLAND

**IMPORTANT NOTE: BATTERIES CAN EXPLODE! Always wear safety glasses AND shield eyes when working around batteries. Always check for proper polarity and sufficient terminal clearance BEFORE final installation to avoid dangerous sparks, potential explosion, possible severe personal injury and/or expensive electrical system and/or vehicle/equipment damage. Always check for proper polarity and sufficient clearances before connecting cables and closing hood or covers.**

MAKE EQUIPMENT TYPE YEAR/MODEL	CCA @ 0°F	O.E. BCI NO.	REPLACEMENT	
			OPTION 1	OPTION 2
<b>FINN CORPORATION</b>				
<b>Bark Blower</b>				
2000-98 302	685	34	153-5656 ≈	127-0826
2000-97 808, 816, 1240	675	27	153-5656	8C-3601
<b>Mulch Spreader</b>				
2000-90 B-260	675	27	153-5656	8C-3601
1997-87 C-15: Honda 340	130	U1	8C-3636	—
1989-74 B-250, Ford 300	520	24	153-5656	3T-5857
2000-98 B-40	685	34	153-5656 ≈	127-0826
1987-76 B-50	520	24	153-5656	3T-5857
1995-87 B-70	520	24	153-5656	3T-5857
2000-95 B-70	685	34	153-5656 ≈	127-0826
1989-77 JD 6392D	600	30H	3T-5760	115-2422
<b>Hydro Seeder</b>				
2000-97 T-30, TL-30	130	U1	8C-3636	—
2000-90 T-60, T-90, T-120	685	34	153-5656 ≈	127-0826
1994-87 T-50, T-90, T-120	520	24	153-5656	3T-5857
2000-89 T-280, T-330, T-170	675	27	153-5656	8C-3601
1990-86 T-110	520	24	153-5656	3T-5857
1988-63 Wisc. VH4D, 1770	400	24	153-5656	3T-5857
1978-74 Ford 192G, T-150	335	24	153-5656	3T-5857
1990-77 T-150, T-170: JD 4239	600	30H	3T-5760	115-2422
1976-74 T-150, T-170: JD-4239	830	5D(2)	8C-3633	8T-9733 Y
<b>Twin Jet Fire Ball</b>				
1990-89 DD 4-53	650	27	153-5656	8C-3601
1989-87 DD 4-53	600	30H	3T-5760	115-2422
1986-75 DD 4-53	830	8D(2)	153-5720	101-4000
<b>FLAHERTY BRANCH</b>				
<b>BUFFALO SPRINGFIELD CO.</b>				
<b>Power Brooms &amp; Rollers</b>				
1962-59 All models	500	1	8C-3617	8T-9734
1968-60 All broom models; Roll-Master	350	3EE	8C-3620	—
<b>Spread-Master Chip Spreaders</b>				
1964-58 283B-4, 336-4	350	3EE	8C-3620	—
1968-64 Model K (Diesel req. 2 batts.)	320	24 (1,2)	153-5656	3T-5857
<b>FMC</b>				
<b>Formerly "CABLE CRANE &amp; EXCAVATOR" Also "LINKBELT"</b>				
<b>Power Shovels &amp; Cranes</b>				
1985-63 HC-48A: DD-4-53 (Carrier)	380	30H	3T-5760	115-2422
w/ DD 5-53 engine (Upper)	655	4(2)	8C-3633	8T-9733
All other engines	375	24	153-5656	3T-5857
1963-49 All 58, 68 & 70 models, except below	655	4(1,2,4)	8C-3633	8T-9733
w/ Cat. D-311, -315; Waukesha 190GLBU eng.	545	2(1,2)	153-5690	8C-3629
1971-40 All 77 thru 208 models except below	655	4(2,4)	8C-3633	8T-9733
Optional	975	8D(2)	153-5720	101-4000
Optional	630	2(2)	153-5690	8C-3629
1977-61 HC-108B, -108C	655	4(2)	8C-3633	8T-9733
1985-69 HC-138, -138A: w/ GM 4030N engine	655	4(2)	8C-3633	8T-9733
w/ all other engines	975	8D(1,2)	153-5720	101-4000

MAKE EQUIPMENT TYPE YEAR/MODEL	CCA @ 0°F	O.E. BCI NO.	REPLACEMENT	
			OPTION 1	OPTION 2
<b>Power Shovels &amp; Cranes (continued)</b>				
1985-65 HC-208, -218, -218A: All except below	975	8D(1,2)	153-5720	101-4000
w/ GM4030N, Waukesha 140GZ engines	655	4(2)	8C-3633	8T-9733
1985-71 HC-238, -238A, -258, -268	975	8D(1,2)	153-5720	101-4000
1972-63 HC-2000, HT-101: w/ DD3-53 engine	545	2(2)	153-5690	8C-3629
w/ other engines	375	24	153-5656	3T-5857
1977-71 HT-150, -200, -300, -450, HTC-14, -20, -25, -34, -35	975	8D(1,2)	153-5720	101-4000
1967-64 K-300	545	2	153-5690	8C-3629
1967-52 K-360 thru -608 Series	900	8D(1,2)	153-5720	101-4000
Optional	550	1	8C-3617	8T-9734
Optional	660	2(2)	153-5690	8C-3629
1985-61 All "LS" models except those listed below	975	8D(1,2)	153-5720	101-4000
1975-61 LS-58, -68, -78, -78LC: All except below	655	4(2)	8C-3633	8T-9733
w/ Waukesha 195GK, 190GLUB engine	545	2(2)	153-5690	8C-3629
1985-72 LS-98, -98PL, -108B, -108C	655	4(2)	8C-3633	8T-9733
1985-77 LS-718, -918	625	31(4)	175-4370	175-4390
1985-61 All "TG" models; UC-108B	975	8D(2)	153-5720	101-4000
1977-68 YC-18, -24, -28, -38, -48	380	30H(1,2)	3T-5760	115-2422
1971-62 77-78: All except below	655	4(2)	8C-3633	8T-9733
w/ GM 4082 engine	975	8D(2)	153-5720	101-4000
w/ Waukesha 135GZ engine	545	2(2)	153-5690	8C-3629
1971-61 98-108: w/ Waukesha 135GZU engine	545	2(2)	153-5690	8C-3629
w/ Cat., Cummins, GM engines	975	8D(1,2)	153-5720	101-4000
w/ other engines	655	4(2)	8C-3633	8T-9733
1977-63 400, 1000, 1500, 2300	975	8D(1,2)	153-5720	101-4000
<b>FOOTE</b>				
<b>For 1956 and later, see BLAW-KNOX"</b>				
<b>Blacktop &amp; Concrete Pavers</b>				
1955-49 All Hercules ex. below	615	4B	153-5700	153-5720
1955-49 PF-90, Herc. QXC-5	525	2	153-5690	8C-3629
1955-49 Adnun: Herc. DOOC, DHXB	805	4D(1,2)	153-5700	9X-9720
1955-49 All GM models	900	8D	153-5720	101-4000
<b>FORD-NEW HOLLAND</b>				
<b>Formerly "FORD," "NEW HOLLAND" &amp; "SPERRY NEW HOLLAND"</b>				
<i>Additional equipment listed in the Farm Equipment section.</i>				
<b>Articulated Steer Loaders &amp; Leaf Loaders</b>				
1991-85 L600, 710	625	31	175-4370	175-4390
<b>Articulated Steer Loader &amp; Backhoe</b>				
1989-85 LB620	445	3ET(2)	8C-3620	—
<b>Industrial Tractors</b>				
1991-75 All models	750	4DLT	153-5700 Δ	8C-3622
<b>Skid Steer Loaders</b>				
1993-71 L35, L784	375	24	153-5656	3T-5857
1985-74 L225, L325, L425, L445, L451	375	3ET(1,2)	8C-3620	—
Optional	410	24	153-5656	3T-5857
1993-84 L250	410	70	156-5660 Ω	7X-6100A
1993-76 L452, L454, L455, L555, L778	375	3ET(1,2)	8C-3620	—
Optional	410	55	8C-3611	—
1993-85 L553, L555, L781, L783, L785	925	31	175-4390	—
1987-83 L553	410	55	8C-3611	—
1988-73 L554, L775; L779: Gas, Diesel (Requires 2 batts.)	410	24(1,2)	153-5656	3T-5857

**PROPOSITION 65 WARNING:** Battery posts, terminals and related accessories contain lead and lead compounds, chemicals known to the state of California to cause cancer and reproductive harm. **Wash hands after handling.**



**IMPORTANT NOTE: BATTERIES CAN EXPLODE! Always wear safety glasses AND shield eyes when working around batteries. Always check for proper polarity and sufficient terminal clearance BEFORE final installation to avoid dangerous sparks, potential explosion, possible severe personal injury and/or expensive electrical system and/or vehicle/equipment damage. Always check for proper polarity and sufficient clearances before connecting cables and closing hood or covers.**

MAKE EQUIPMENT TYPE YEAR/MODEL	CCA @ 0°F	O.E. BCI NO.	REPLACEMENT	
			OPTION 1	OPTION 2
<b>FOX RIVER TRACTOR</b>				
<b>Self-Propelled Forage Harvesters</b>				
1967-60 All ex. below	900	8D	153-5720	101-4000
1967-66 SPF	445	30H	3T-5760	115-2422
<b>Material Spreaders</b>				
1962-57 All models	375	1	8C-3617	8T-9734
1967-63 All models	220	22F	3T-5859	9X-1384
<b>FWD-WAGNER</b>				
<b>WAGNER, FWD</b>				
<i>Additional equipment listed in the Farm Equipment section.</i>				
<b>Compactors</b>				
1967-61 SF-17, WC-17, WC-24, WC-317	800	4D(2)	153-5700	9X-9720
1971-66 All other models	900	8D(1,2)	153-5720	101-4000
<b>Lift Trucks &amp; Log Stackers</b>				
1971-63 CH-50, P-70, -80, -90; L-24, -120, -130	900	8D(1,2)	153-5720	101-4000
1971-59 L-24 Super, L-40, -60, -70, -80, -90, LJ-3-70	800	4D(2)	153-5700	9X-9720
1962-59 LJ-3-18, -20, -30	900	8D	153-5720	101-4000
<b>GALION MFG. CO.</b>				
<b>Division of DRESSER INDUSTRIES, INC.</b>				
<b>Mobile Cranes</b>				
1983-82 ML-40	545	30H(2,3)	3T-5760	115-2422
1983-65 80, 125, 125F, 140F, 125A, 125FA, 220A, 220S	975	8D	153-5720	101-4000
1980-62 Optional	345	27	153-5656	8C-3601
1979-62 Optional	550	3(2)	153-5690	8C-3630
1975-65 90A, 110A, 125A	550	3	153-5690	8C-3630
1965-64 125: Gas	375	27	153-5656	8C-3601
Diesel	690	3(2)	153-5690	8C-3630
1983-68 150A, 150FA, 150P, 200F	975	8D	153-5720	101-4000
1979-70 Optional	340	27	153-5656	8C-3601
<b>Pneumatic Tired Roller</b>				
1983-76 3500	345	27	153-5656	8C-3601
Optional	550	3(2)	153-5690	8C-3630
1975-74 LW	650	27(1,2)	153-5656	8C-3601
<b>Prime Movers &amp; R.O.S.</b>				
1982-80 25A	975	8D	153-5720	101-4000
Optional	340	27	153-5656	8C-3601
Optional	550	3	153-5690	8C-3630
1980-70 10-12	390	27	153-5656	8C-3601
<b>Road Graders</b>				
1973-59 104, 104B, 104H	880	8D(1,2)	153-5720	101-4000
GM, Cummins: Diesel	900	8D	153-5720	101-4000
IHC engines	550	3(1,2)	153-5690	8C-3630
Optional	790	4(2)	8C-3633	8T-9733
1975-66 118, -A, -B, -C	880	8D(1,2)	153-5720	101-4000
IHC: Diesel	550	3(1,2)	153-5690	8C-3630
IHC U-450, DD 4-71	390	27(2)	153-5656	8C-3601
1973-66 JN130, 160, -B, -L, 303	900	8D(1,2)	153-5720	101-4000

MAKE EQUIPMENT TYPE YEAR/MODEL	CCA @ 0°F	O.E. BCI NO.	REPLACEMENT	
			OPTION 1	OPTION 2
<b>Road Graders (continued)</b>				
1982-68 T400A	680	4(4)	8C-3633	8T-9733
1960-59 303, 450	550	3	153-5690	8C-3630
1967-59 303 IHC: Gas	375	27	153-5656	8C-3601
1983-79 A450E, A500, A550, A600, S450E	545	30H(2,3)	3T-5760	115-2422
1977-58 T500, T600, T500A, T-500, -A, T-600, -B, T-700	880	8D(1,2)	153-5720	101-4000
1977-73 T500L: IHC, DT-407	680	4(4)	8C-3633	8T-9733
1983-70 DD 4-71, A500E, S500E	880	8D	153-5720	101-4000
Optional	680	4(4)	8C-3633	8T-9733
1983-60 503A, 503L	550	3(2)	153-5690	8C-3630
1982-72 Optional	340	27	153-5656	8C-3601
1977-69 T600B: IHC DT-407	590	4(4)	8C-3633	8T-9733
1983-59 DD 6-71, T600C, T700	880	8D(1,2)	153-5720	101-4000
Optional	680	4(4)	8C-3633	8T-9733
<b>Road Planer</b>				
1982-74 RP30, RP42	680	4(4)	8C-3633	8T-9733
1982-79 RP60	975	8D(2)	153-5720	101-4000
1983 SP-600	545	30H(4)	3T-5760	115-2422
<b>Rollers</b>				
1967-52 Chief, Warrior models ex. below; Retractable Wheel	690	3(1,2)	153-5690	8C-3630
1967-63 Gas; Pneumatic: Gas; 9-12: Gas	375	27	153-5656	8C-3601
9-12: Diesel	690	3(2)	153-5690	8C-3630
<b>Tandem Rollers</b>				
1967-63 3-5, 4-6, 10-14, 13-20: Gas	375	27	153-5656	8C-3601
Diesel	690	3(2)	153-5690	8C-3630
1983-52 5-8, 8-12, S8-12, S10-14	690	3(1,2)	153-5690	8C-3630
1967-63 Optional	375	27	153-5656	8C-3601
1983-61 S3-5, S4-6, S5-8, S8-10-1/2	340	27	153-5656	8C-3601
Optional	550	3(2)	153-5690	8C-3630
<b>Vibratory Rollers</b>				
1983 VOS-2-42A	380	55	8C-3611	—
1983 VOS-84A, VOS-A84A, VOS-D84A, PD84A	545	30H(2)	3T-5760	115-2422
1983-71 Optional	975	8D	153-5720	101-4000
1983-79 VOS-, VOSPD-66A, VOS-A66A, -D66A, -2-66A,	550	3(2)	153-5690	8C-3630
<b>GAR WOOD</b>				
<b>Formerly "BUCKEYE"</b>				
<b>Ditchers</b>				
1962-58 All Gas engines	625	2	153-5690	8C-3629
1965-63 120, 160: w/ Gas engine	625	2	153-5690	8C-3629
Diesel ('65-64)	900	8D	153-5720	101-4000
1973-63 300D, -G, 400B, 403: Gas, Ford Diesel	410	27	153-5656	8C-3601
Diesel, all other engines	900	8D	153-5720	101-4000
1973-58 310, 314, 315, 318, 411AD: Diesel	900	8D(1,2)	153-5720	101-4000
<b>Road Wideners</b>				
1963-52 Diesel	900	8D	153-5720	101-4000
1962-52 All: Gas	600	2	153-5690	8C-3629
1965-63 All: Gas	900	8D	153-5720	101-4000
1965-52 Diesel	900	8D(1,2)	153-5720	101-4000

**PROPOSITION 65 WARNING:** Battery posts, terminals and related accessories contain lead and lead compounds, chemicals known to the state of California to cause cancer and reproductive harm. **Wash hands after handling.**





# INDUSTRIAL EQUIPMENT

## GAR WOOD — GOMACO CORPORATION

**IMPORTANT NOTE: BATTERIES CAN EXPLODE! Always wear safety glasses AND shield eyes when working around batteries. Always check for proper polarity and sufficient terminal clearance BEFORE final installation to avoid dangerous sparks, potential explosion, possible severe personal injury and/or expensive electrical system and/or vehicle/equipment damage. Always check for proper polarity and sufficient clearances before connecting cables and closing hood or covers.**

MAKE EQUIPMENT TYPE YEAR/MODEL	CCA @ 0°F	O.E. BCI NO.	REPLACEMENT	
			OPTION 1	OPTION 2
<b>Shovels &amp; Truck Cranes</b>				
1962-58 All shovels w/ Gas engines; 75BT, 100BT: Gas	625	2	153-5690	8C-3629
1965-58 All other engines	900	8D(1,2)	153-5720	101-4000
<b>GARDNER-DENVER CANADA, INC.</b>				
<b>Compressors</b>				
1961-58 RP-85GA, -125GA, -GB, -GC, -GD, -GE	525	2E	8C-3632 Δ	—
RP-125DA, RP-210DA	385	1B	153-5700 ∞	9X-9720 ∞
1961-59 RP-125DA, -DB, -DC	450	30H	3T-5760	115-2422
1961-57 RP-125GA, -GB, -GC, -GD, -GE, RP-210GA, -GB	525	2E	8C-3632 Δ	—
1973-57 RP-210DA, -DB, SP-250DB, -GA, -265DA	640	4D(1,2)	153-5700	9X-9720
1973-56 All RP-365, 600, 900, SP600, 900, 1200 models	900	8D(1,2)	153-5720	101-4000
1977-61 SP-125GA, -GB, -GC, SPCDA, SPHGB	410	27	153-5656	8C-3601
1975-61 SP-125UGA, -IUGB, -UGC, SPCGA	350	3EE	8C-3620	—
1985-63 All SP-150 models	720	5D(2)	8C-3633	8T-9733
1973-61 SP-250DA	500	30HR	3T-5760	115-2422
1973-61 SP-250DC, -265DB, -365DB	900	8D(1,2)	153-5720	101-4000
1981-73 SPCGB, SPFGA, SPEVC-A	285	24	153-5656	3T-5857
1981-76 SPFDC, SPHDC, SPHDD, SPHDE, SPERC-A	640	4D	153-5700	9X-9720
1975-73 SPHGA	410	27	153-5656	8C-3601
1978-73 SPQDA, SPQDC, SPQDD, SPTDA, SPTDC, SPTDD, SPWDA, SPWDB, SBWDC, SP600DK, SPK8, DPND8	900	8D(2)	153-5720	101-4000
1982-78 SPKTK-A, SPNTN-A	900	8D	153-5720	101-4000
1982-78 SAQTQ-A, SAQTR-B, SAUTT-B, SAUTW-B, SAWTX-B	900	8D(2)	153-5720	101-4000
1982 D150QJD, D190QJD, G150GIH, G190QIH	360	24(2)	153-5656	3T-5857
<b>GARRETT ENUMCLAW CO.</b>				
<b>ENUMCLAW</b>				
<b>Log Skidders, Sawmills &amp; Tractors</b>				
1968-63 10, 20, 21, 20TF	500	1(1,2)	8C-3617	8T-9734
1973-61 15TF: Gas 12-volt, Diesel 6-volt	300	3EE	8C-3620	—
Gas 6-volt	450	2E	8C-3632 Δ	—
1968 30TF	250	29NF(4)	3T-5858 π	9X-1382 π
1975-69 21A	650	2(2)	153-5690	8C-3629
1972-69 21B, 22	545	30H(2)	3T-5760	115-2422
1975-68 25, 30, 30A, 30TF; 12PSM-2, PSM-2	880	8D(1,2)	153-5720	101-4000
<b>GEHL COMPANY (IC GROUP)</b>				
<b>Formerly "TCI POWER PRODUCTS, INC."</b>				
<b>Bucket Loader</b>				
1982-70 551A	300	22F	3T-5859	9X-1384
1986-82 552	545	30H	3T-5760	115-2422
<b>Forklifts &amp; Motor Graders</b>				
1989-80 H4M40, Herculift 40, 50; 727, 747	545	30H	3T-5760	115-2422
1983-80 H4M50, H4M80	400	27F(2)	8C-3602	143-4084
<b>Placement Machine</b>				
1989-83 DM52, DM54, 546 (D4P60), 576 (D4P63)	750	4D	153-5700	9X-9720
1989-78 543 (D4P73), 544A, 548, 549, D4P80, D4P100	1000	8D	153-5720	101-4000

MAKE EQUIPMENT TYPE YEAR/MODEL	CCA @ 0°F	O.E. BCI NO.	REPLACEMENT	
			OPTION 1	OPTION 2
<b>Skid Loaders</b>				
1995-83 3310, 3410, 3725, 4525	440	45	—	—
1995-91 3825	650	24	153-5656	3T-5857
1998-91 4625, 5625, 6625, 5635, 6635	950	31	175-4390	—
<b>GETMAN CORPORATION</b>				
<b>Articulated Drill &amp; Ore Carriers</b>				
1993-76 640-DJC, 800-DJC, 1200-DJC; 644, 1248	760	4D(1,2)	153-5700	9X-9720
1993-81 Optional	380	30H	3T-5760	115-2422
<b>Articulated Utility Carrier &amp; Utility Cruiser</b>				
1993-75 A-64, R-42, -62	760	4D(1,2)	153-5700	9X-9720
<b>Low Profile Utility</b>				
1993-82 200, 220	760	4D(1,2)	153-5700	9X-9720
<b>Mining Trucks &amp; Utility Cruisers</b>				
1970-47 D-52, -70, JN-52, KD-2, -3, N-12, -50, -52	420	24	153-5656	3T-5857
1967-57 D-52, -70, KD-2, -3	375	27	153-5656	8C-3601
1970-50 T-52, T-70, WN-12	500	24	153-5656	3T-5857
1990-63 AD-1025, Trimmer B-500, KD-6	760	4D	153-5700	9X-9720
1977-63 Dispatch	465	27	153-5656	8C-3601
1967-63 Optional	790	4D	153-5700	9X-9720
1990-66 Univ. III, Medi-Bore, Fuel Truck, Lube Truck M-64-L	760	4D	153-5700	9X-9720
1992-71 Pipe Hanger M-64-PH, Scaler S-300, R-42, -62	760	4D(1,2)	153-5700	9X-9720
<b>GOMACO CORPORATION</b>				
<b>Cold Planers &amp; Conveyors</b>				
1991-79 Scaraplane I, II	840	8D(1,2)	153-5720	101-4000
1991-75 RC	545	16TF	—	—
1986-75 Optional	390	24	153-5656	3T-5857
<b>Curb &amp; Gutter</b>				
1998-90 CC-1200	515	24	153-5656	3T-5857
1998-96 GT-3200	900	24	—	—
1998-87 GT-3300, GT-3600	625	31	175-4370	175-4390
1992-75 GT-6000, GT-6200	545	16TF	—	—
1998-75 GT-6300, BP-6400	850	8D	153-5720	101-4000
1991-83 EC-1000	235	U1	8C-3636	—
<b>Finishers</b>				
1998-75 C-450	235	U1(2)	8C-3636	—
1998-92 C-650	900	24	—	—
1991-82 C-650 2-cyl., RP-510	390	24	153-5656	3T-5857
1991-80 C-650 3-cyl., LS-300, HW-165	545	16TF	—	—
1998-91 C-700: Carriage	235	U1	8C-3636	—
Console	515	24	153-5656	3T-5857
1998-83 SL-450: 12hp, 16hp	235	U1	8C-3636	—
1998-90 20hp	235	U1(2)	8C-3636	—
<b>Grade Trimmers &amp; Pavers</b>				
1998-78 8500B, GT8500, 9000, 9500, HW-165, -165B	850	8D(1,2)	153-5720	101-4000
1984-78 C-450	200	U1	8C-3636	—
1986-75 C-650, -650F, -650S, RP-510	390	24	153-5656	3T-5857
1998-80 GP-2000, -2500, -2500B, -3000, -3500, -4000, -5000	850	8D(1,2)	153-5720	101-4000
1998-93 GHP-2800, GP-2600	1150	8D	153-5720	101-4000

**PROPOSITION 65 WARNING:** Battery posts, terminals and related accessories contain lead and lead compounds, chemicals known to the state of California to cause cancer and reproductive harm. **Wash hands after handling.**

# INDUSTRIAL EQUIPMENT

## GOMACO CORPORATION — HAULPAK DIVISION

**IMPORTANT NOTE: BATTERIES CAN EXPLODE! Always wear safety glasses AND shield eyes when working around batteries. Always check for proper polarity and sufficient terminal clearance BEFORE final installation to avoid dangerous sparks, potential explosion, possible severe personal injury and/or expensive electrical system and/or vehicle/equipment damage. Always check for proper polarity and sufficient clearances before connecting cables and closing hood or covers.**

MAKE EQUIPMENT TYPE YEAR/MODEL	CCA @ 0°F	O.E. BCI NO.	REPLACEMENT	
			OPTION 1	OPTION 2
<b>Placers/Spreaders</b>				
1991-85 PS-30	545	16TF	—	—
1991-85 PS-48	850	8D	153-5720	101-4000
1998-90 PS-60, PS-2600	1150	8D	153-5720	101-4000
<b>Texture/Cure</b>				
1998-92 TC-400, TC-600 Deutz Eng.	900	24	—	—
1994-83 All Others	545	16TF	—	—
<b>Leaf Collectors &amp; Scavengers</b>				
1953 All models	525	1	8C-3617	8T-9734
<b>GORDON SMITH &amp; CO</b>				
See "SMITH, GORDON & CO."				
<b>GRADALL COMPANY</b>				
Formerly "WARNER & SWASEY"				
<b>Fork Lifts</b>				
1997-91 522, 524, 532C-6; 534C-6, -6T, -9, -10, 534D-6, -6T, -9, -10	825	31	175-4390	—
1994-80 532: Diesel; 534B: Gas, Diesel	600	27(1,2)	153-5656	8C-3601
1983-75 534: Diesel	620	31(2)	175-4370	175-4390
1992-80 542: Gas, Diesel (Requires 2 batts.)	600	27(1,2)	153-5656	8C-3601
1993-84 544: Diesel; LPR-60	600	31	175-4370	175-4390
1993-75 552, 554: Diesel; LT60, MT80	600	27(1,2)	153-5656	8C-3601
1997-96 544C-10, 544D-10	810	34	127-0826 Y	—
<b>Truck Engines</b>				
1993-85 G-660, G-660E, G-880E	600	27F(1,2,3)	8C-3602	9X-1382
1985-69 Optional	1115	8D	153-5720	101-4000
1984-83 Optional	510	30H	3T-5760	115-2422
1989-85 G-880	600	24F(3)	3T-5858	9X-1382
1993-72 G-880, G3R	1115	8D	153-5720	101-4000
1985-80 G-1000	900	8D(2)	153-5720	101-4000
1985-83 G3W	510	30H	3T-5760	115-2422
1985-81 Optional	1115	8D	153-5720	101-4000
1993-85 G3WD, XL-4100, XL-5100	810	31(2)	175-4370	175-4390
<b>Upper Engines</b>				
1997 XL-2200	810	31	175-4390	—
1993-72 G-660, G-880: All; G3W	1115	8D	153-5720	101-4000
1986-59 G-1000	520	30H(2)	3T-5760	115-2422
1998-97 XL-2200	810	31	175-4370	175-4390
1998-92 XL-4000, XL-5000	800	31(2)	175-4370	175-4390
<b>GRIMMER SCHMIDT CORP.</b>				
<b>Portable Air Compressors</b>				
1990-88 35G	225	U1	8C-3636	—
1997-84 100D, 100Q, 125D	625	31	175-4370	175-4390
1995-82 105Q, 125Q, 175QG	390	71	156-5660 Ω	7X-6100
Optional	500	73	156-5660 Ω	7X-6100
Optional	625	31	175-4370	175-4390
1995-82 150D, 150Q, 165CNG, 160D, 175Q, -QD, 185D	625	31	175-4370	175-4390
Optional	390	71	156-5660 Ω	7X-6100
Optional	500	73	156-5660 Ω	7X-6100
1998-89 185D, 185DR	625	31	175-4370	175-4390
1995-85 H190D, 190JD, 250DR, 250MD, 260D, 275D, 345D, 375D, 375DR	625	31(1,2)	175-4370	175-4390
1995-81 425TT, 600TT, 636-31B, 800D, 903-41B, 1300D	625	31(1,2)	175-4370	175-4390

MAKE EQUIPMENT TYPE YEAR/MODEL	CCA @ 0°F	O.E. BCI NO.	REPLACEMENT	
			OPTION 1	OPTION 2
<b>R. A. HANSON CO., INC.</b>				
<b>Canal Excavators &amp; Canal Jumbo</b>				
1979-77 RW 303 (6 batts.), HT428C (2 batts.)	975	8D(2, 6)	153-5720	101-4000
1979-77 JCJ48	410	24	153-5656	3T-5857
<b>Canal Pavers &amp; Trimmer</b>				
1979-77 S31, S48, HS-28C, T448	975	8D(1,2,4)	153-5720	101-4000
1979-77 RTS16, RTS17	410	24	153-5656	3T-5857
<b>Conveyor &amp; Stacker</b>				
1979-77 C42-330, ST110	975	8D(2)	153-5720	101-4000
1979-78 "A" Frame Hoist & Moving Dolly	410	24	153-5656	3T-5857
<b>Excavators &amp; Fine Graders</b>				
1979-77 15, E212, 512 61 & 62	975	8D(2)	153-5720	101-4000
<b>Hydraulic Transporter &amp; Truck Unloader</b>				
1980-79 Hoist, TU 14 & 2	975	8D(1,2)	153-5720	101-4000
<b>HARVESTER</b>				
See "INTERNATIONAL HARVESTER"				
<b>HAULPAK DIVISION</b>				
<b>KOMATSU DRESSER COMPANY, KOMATSU Formerly "WABCO," "J. D. ADAMS"</b>				
<b>Coal Haulers</b>				
1975-63 CFA-2, -17, BFA-10, -13	500	30H	3T-5760	115-2422
1964-59 CFA-4, LW-90	350	60	—	—
<b>Dump Trucks</b>				
1988-63 AFH-26, -33, BFA-3, -5, -6, -9, -12, -15, -17, -21	545	30H(1,2)	3T-5760	115-2422
1987-79 BFA-22, -23	900	8D(2)	153-5720	101-4000
1988-80 BFA-24, -25, -27; BFA-30, -34: Air start	545	30H(2)	3T-5760	115-2422
1988-75 BFA-30, -34: Electric start; BFA-32, -33, -36, -39	900	8D(2)	153-5720	101-4000
1975-63 CFA-3, -19, CFF-3	900	8D(2)	153-5720	101-4000
1975-63 CFA-5, -10, -14; CFA-8, -9, -19: Air start	545	30H(1,2)	3T-5760	115-2422
1988-60 CFA-20, -21, -22, -23, LW-22, -27, -32	900	8D(2)	153-5720	101-4000
1962-60 LW-60	350	60	—	—
1997-87 140M, 210M, 385M: Electric start	900	8D(2)	153-5720	101-4000
1997 530M: Electric start	900	8D(4)	153-5720	101-4000
1995-88 325M: Air start	545	30H(2)	3T-5760	115-2422
<b>Dump Trucks: Electric Drive</b>				
1997-88 445E, 510E, 630E, 685E: All Air Start	580	30H(2)	3T-5760	115-2422
1997-88 All Above and 730E: Electric Start	935	8D(4)	153-5720	101-4000
1997-88 830E: Air Start	580	8D(2)	153-5720	101-4000
Electric Start	935	8D(4)	153-5720	101-4000
1997-96 930E: Electric Start	935	8D(4)	153-5720	101-4000
1997-96 All except above	580	30H(2)	3T-5760	115-2422

**PROPOSITION 65 WARNING:** Battery posts, terminals and related accessories contain lead and lead compounds, chemicals known to the state of California to cause cancer and reproductive harm. **Wash hands after handling.**

BATTERY SAFETY  
CATERPILLAR EQUIP.  
INDUSTRIAL EQUIPMENT  
FARM EQUIPMENT  
TRUCKS & BUSES  
AUTO & LTV  
L & G / SMALL ENGINE  
REFERENCE



# INDUSTRIAL EQUIPMENT

## HAULPAK DIVISION — HYSTER COMPANY

**IMPORTANT NOTE: BATTERIES CAN EXPLODE! Always wear safety glasses AND shield eyes when working around batteries. Always check for proper polarity and sufficient terminal clearance BEFORE final installation to avoid dangerous sparks, potential explosion, possible severe personal injury and/or expensive electrical system and/or vehicle/equipment damage. Always check for proper polarity and sufficient clearances before connecting cables and closing hood or covers.**

MAKE EQUIPMENT TYPE YEAR/MODEL	CCA @ 0°F	O.E. BCI NO.	REPLACEMENT	
			OPTION 1	OPTION 2
<b>Electric Trucks</b>				
1975-67 AFE-5	900	8D(2)	153-5720	101-4000
1980-72 AFE-6, -8, -10, -12, -13, -14, -15, -17, -19	545	30H(2)	3T-5760	115-2422
1988-72 AFE-20, -21, -22, -25, -27, -28, -29	545	30H(2)	3T-5760	115-2422
1986-82 AFE-34, -35, -36, -37, -38, -39, -40, -41	545	30H(2)	3T-5760	115-2422
1995-88 445E, 510E, 630E, 685E, 830E: Air start:	545	30H(2)	3T-5760	115-2422
1995-88 445E, 510E, 630E, 685E, 830E: Electric start	900	8D(4)	153-5720	101-4000
<b>Motor Graders</b>				
1975-46 All except w/ Cummins C-160B1 engine	750	4(2,4)	8C-3633	8T-9733
w/ Cummins C-160B1 engine	680	7D(2)	8C-3635	8T-9731
1981-70 444, 44T, 555	680	7D(2,4)	8C-3635	8T-9731
<b>Scrapers</b>				
1981-75 101-F, 101-G	775	4D(2)	153-5700	9X-9720
1978-75 111-A	450	1(4)	8C-3617	8T-9734
1981-75 333-, 339-F, 252-, 259-, 333-, 353-FT	900	8D(2)	153-5720	101-4000
1981-76 CM50 Crane, 222-, 229-G	900	8D(2)	153-5720	101-4000
<b>Speedpulls &amp; Tournapulls</b>				
1964-59 BK2, CKF3; All except "D" models	850	8D(1,2)	153-5720	101-4000
1973-59 "D" models	500	1(4)	8C-3617	8T-9734
<b>Tournatractors &amp; Travel Loaders</b>				
1972-59 C, CW	500	1(4, 8)	8C-3617	8T-9734
1960-50 30: DD 4-51	750	4(2)	8C-3633	8T-9733
IHC engine	660	2	153-5690	8C-3629
<b>HAWKER SIDDELEY CANADA, INC.</b>				
<i>See "TREE FARMER EQUIPMENT CO., INC."</i>				
<b>HEIN-WERNER CORPORATION</b>				
<i>See "AKERMAN HW, INC."</i>				
<b>HIGHWAY EQUIPMENT CO.</b>				
<b>Fertilizer &amp; Aggregate Spreaders</b>				
1975-60 All 6-volt systems	440	1	8C-3617	8T-9734
1993-62 "H" Aggregate, "E", "P" Sand & Salt	250	24	153-5656	3T-5857
1971-60 L-20, -30, H&E, SM-5, -8	250	24	153-5656	3T-5857
1993-91 Aerospread	600	30H	3T-5760	115-2422
<b>Tender</b>				
1993-82 LT-6, LT-8, LT-10, LT-16	250	24	153-5656	3T-5857
<b>HITACHI CONSTRUCTION MACHINERY</b>				
<b>Excavators</b>				
1989-86 EX100, EX100WD, EX150	580	4D(2)	153-5700	9X-9720
1989-88 EX400, EX1000, EX1800, EX3500	1150	8D(2,4,6)	153-5720	101-4000
1989-75 UH122, -172, -20, -30, -14, -171, -261, -501, -801	950	8D(2)	153-5720	101-4000
1989-84 EX270, UH123, UH181	1000	4D(2)	153-5700	9X-9720
1985-75 UH07, UH07-3, UH09, UH081, UH082	790	4DLT(2)	153-5700 Δ	8C-3622
1989-84 UH083, EX200	670	4D(2)	153-5700	9X-9720

MAKE EQUIPMENT TYPE YEAR/MODEL	CCA @ 0°F	O.E. BCI NO.	REPLACEMENT	
			OPTION 1	OPTION 2
<b>HOUGH DIVISION</b>				
<i>See "INTERNATIONAL HOUGH DIVISION"</i>				
<b>HUBER ESSICK</b>				
<i>See "ESSICK MAYCO"</i>				
<b>HY-DYNAMIC DIVISION</b>				
<b>INTEGRATED LOADER</b>				
<b>Backhoe-Tractor</b>				
1979-64 A, 140	375	3EE	8C-3620	—
1962-60 A & C	690	3(4)	153-5690	8C-3630
1969-63 A & C, 120, 130	305	24(1,2)	153-5656	3T-5857
1984-65 A & C, Series 3: 140, 160, 190, 190-4, 1900	385	30H(2)	3T-5760	115-2422
1984-68 Series 3: 200-4	975	8D	153-5720	101-4000
<b>Excavators &amp; Hydraulic Cranes</b>				
1973-72 220E	975	8D	153-5720	101-4000
1975-66 All except below	800	30H(2)	3T-5760	115-2422
250 w/ Waukesha engine	545	2(2)	153-5690	8C-3629
<b>HYSTER COMPANY</b>				
<b>COMPACTION AMERICA</b>				
<b>Cranes</b>				
1979-74 K200, K250, K300, D360, K400	935	8D	153-5720	101-4000
<b>Compactors: Embankment &amp; Pneumatic</b>				
1999-94 C530A, AH	900	31	175-4390	—
1997-93 C560A	610	NA	—	—
1987-73 C440-441A, C450-455B (Req. 2 batts.)	900	8D(1,2)	153-5720	101-4000
1993-75 C530A: Gas	425	3ET(2)	8C-3620	—
1975-67 C530A: Gas	335	24	153-5656	3T-5857
1976-69 C550A, C550A: Diesel	975	8D	153-5720	101-4000
Optional	385	3ET(2)	8C-3620	—
1994 C530A	900	31	175-4390	—
<b>Compactors: Vibratory</b>				
1997-96 C855/857A	900	31	175-4390	—
1987-62 C200B, C210A: Gas	385	24	153-5656	3T-5857
Diesel	560	2(2)	153-5690	8C-3629
1975-68 C250A, -225A, -610A, -615A	900	8D	153-5720	101-4000
1989-72 C610B, -612B, -615B, -620B, -625B	425	3ET(2)	8C-3620	—
1987-72 C620A, -625A, -617B, -627B, -727A, -747A	425	3ET(2)	8C-3620	—
1999-87 C748, -754A, -766A, -B, -C, -778A, -778B	900	31	175-4390	—
1999-94 C810/812A	580	24	153-5656	3T-5857
1999-88 C820/822A, C830/832B, C850/860B	900	31	175-4390	—
1987-84 C830/832A, C850/860A	460	30H(2)	3T-5760	115-2422
1999-92 C850/852B, C855/857A	900	31	175-4390	—
<b>Rough Terrain Lift Truck</b>				
1984-83 A-66: Gas, Diesel (Requires 2 batts.)	330	29NF(1,2)	3T-5858 π	9X-1382 π
1987-83 P-40A-50A: Gas	335	24	153-5656	3T-5857
1987-83 P-40A-50A: Diesel	460	30H	3T-5760	115-2422
1989-83 P-60A-80A: Gas	425	3ET	8C-3620	—
1989-83 P-60A-80A: Diesel	290	3EE(2)	8C-3620	—
1990-88 Z-60A, -70A, -90C	900	31	175-4390	—
1990-83 Z-80A, Z-90 A & B: Gas, Diesel (Requires. 2 batts.)	330	29NF(1,2)	3T-5858 π	9X-1382 π

**PROPOSITION 65 WARNING:** Battery posts, terminals and related accessories contain lead and lead compounds, chemicals known to the state of California to cause cancer and reproductive harm. **Wash hands after handling.**

**HYSTER COMANY — INTERNATIONAL HARVESTER**

**IMPORTANT NOTE: BATTERIES CAN EXPLODE! Always wear safety glasses AND shield eyes when working around batteries. Always check for proper polarity and sufficient terminal clearance BEFORE final installation to avoid dangerous sparks, potential explosion, possible severe personal injury and/or expensive electrical system and/or vehicle/equipment damage. Always check for proper polarity and sufficient clearances before connecting cables and closing hood or covers.**

MAKE EQUIPMENT TYPE YEAR/MODEL	CCA @ 0°F	O.E. BCI NO.	REPLACEMENT	
			OPTION 1	OPTION 2
<b>Steel Propelled Aerial Work Platform</b>				
1987-79 M-18FW Electric	545	16TF(2)	—	—
1987-79 T-30, T-40NA	370	30H	3T-5760	115-2422
1987-76 T-40, -60B, -70B, V-18A, -18NA Electric; V-24: Electric	110min	GC2(2,4,8)	8C-3641	—
1987-77 V-24, V-30A, V-36A; V-30B, V-36B: Gas	385	24	153-5656	3T-5857
<b>Steel Wheel Rollers</b>				
1987-82 C330A: Gas	460	30H	3T-5760	115-2422
1985-75 C330A: Gas	380	24	153-5656	3T-5857
1997-75 C330B, C340C, 350D	900	31	175-4390	—
1987-73 C340A, C350B, C340B, C350C: Gas	380	24	153-5656	3T-5857
1987-75 Diesel	385	3ET(2)	8C-3620	—
<b>Trailers</b>				
1976-69 RGH, RFH	305	3EE	8C-3620	—
1989-76 RGH, HFR, CRG, CHF; All power pack equipped	225	22NF	3T-5859 ∞	9X-1384 ∞
<b>INGERSOLL-RAND CO.</b>				
<b>Portable Air Compressors</b>				
<b>D-Series:</b>				
1977-41 D125, D150, D175, DF125, DF150, D-60 DeLuxe	570	2(2)	153-5690	8C-3629
1987-71 D200, D1750, D2000	990	8D(2)	153-5720	101-4000
1979-52 D750, DL-600, -900, -1200, DR-210, -315	775	4D(1,2)	153-5700	9X-9720
1977-74 DFF150	315	24	153-5656	3T-5857
1975-53 DR-125, -150, 105, DRA-, DRB-125, DRR-160	570	2(1,2)	153-5690	8C-3629
1988-52 DR220, -250, -365, -600, -900, DL600A, -600AH	775	4D(1,2)	153-5700	9X-9720
1977-70 DRRF160, DDRD160, DXL175, DXLGM-175	595	2(2)	153-5690	8C-3629
1988-76 DXL600H, -HCA, -APCA, -BH, -PP	775	4D(2)	153-5700	9X-9720
1979-70 DXL600H, DXL750, DXL850, DXLCA1200	990	8D(1,2)	153-5720	101-4000
1988-70 DXL700ACA, -700B, -750, -750A	775	4D(2)	153-5700	9X-9720
1988-76 DXL750APCA, -750BP, DXL850, DXLCA750	775	4D(2)	153-5700	9X-9720
1988-70 DXL850A, -850ACA, -850B, 850H, -CA850	775	4D(2)	153-5700	9X-9720
1988-70 DXL900, -1100H, -1200, -1400,	775	4D(2)	153-5700	9X-9720
1979-70 DXLCU900, -1050, -500	775	4D(2)	153-5700	9X-9720
<b>G-Series:</b>				
1978-71 G105, -125, -150, -150B, -175, GH85, -160	315	24	153-5656	3T-5857
1957-52 GR-105, -125, -210, -315	600	2	153-5690	8C-3629
1977-58 GR-85, -125, -150, -210, -250, -315,	315	24	153-5656	3T-5857
1975-52 GR600, IKQ-415	775	4D	153-5700	9X-9720
1977-58 GIH160, GXL-175, GRA-, GRB-125, GRR-85, -160	315	24	153-5656	3T-5857
<b>H-, I-Series:</b>				
1988-58 All Models	775	4D(1,2)	153-5700	9X-9720

MAKE EQUIPMENT TYPE YEAR/MODEL	CCA @ 0°F	O.E. BCI NO.	REPLACEMENT	
			OPTION 1	OPTION 2
<b>Portable Air Compressors (continued)</b>				
<b>P-Series:</b>				
1982-78 P100WD	630	30H	3T-5760	115-2422
1988-78 P100WW, -AWW, -AWWU, P100BWW, P100WF	525	27	153-5656	8C-3601
1988-82 P100AWD, -BWD, -CWD, P110AWD, -BWD, -CWD	630	30H	3T-5760	115-2422
1987-86 P100WFL, P100WJDU	525	27	153-5656	8C-3601
1988-81 P125AWD, -AWJD, -BWD, -WJD,	630	30H	3T-5760	115-2422
1988-78 P125AWW, -BWW, -WFL, -WJDU, -WF, -WW	525	27	153-5656	8C-3601
1988-81 P130WJD, P130AWJD, P150AWD	650	30H	3T-5760	115-2422
1988-81 P150AWW, P160AWW, -AWWU, -WFL, -WJDU	525	27	153-5656	8C-3601
1988-80 P150BWD, -WD, -WJD, P160WJD, -AWJD	630	30H	3T-5760	115-2422
1988-78 P175ASD, -AWD, -BWD, -WD	630	30H	3T-5760	115-2422
1987-78 P175AWDU, -WDU	620	27	153-5656	8C-3601
1988-81 P175AWW, -WWU, -WFL, -WJDU, -WW	525	27	153-5656	8C-3601
1988-81 P185ASJD, -AWJD, -BSJD, -BWJD	630	30H	3T-5760	115-2422
1988-78 P185AWW, P185WW	525	27	153-5656	8C-3601
1988-78 P185WJD, P250WD, -AWD, -SGM	630	30H	3T-5760	115-2422
1988-78 P300SGM, -WGM, P335SD, -WD	630	30H	3T-5760	115-2422
1988-78 P375SD, -WD, P425SGM, P325WGM	775	4D	153-5700	9X-9720
1987-77 P450SCAT	525	27(2)	153-5656	8C-3601
1988-77 P700AWGM, -BWGM, -CWGM,	775	4D(2)	153-5700	9X-9720
1988-81 P850WGM, -AWGM, -BWGM, P900WCU	775	4D(2)	153-5700	9X-9720
1988-77 P1100WGM, -AWGM, -BWGM, P1600WGM	775	4D(2)	153-5700	9X-9720
<b>X-Series:</b>				
1988-77 All except XP175WJD	775	4D(2)	153-5700	9X-9720
1982-78 XP175WJD	630	30H	3T-5760	115-2422
<b>INGRAM MFG. CO.</b>				
<b>Brooms</b>				
1979-69 X-1, XX-7, XX-23	360	27(2)	153-5656	8C-3601
<b>Rollers: Pneumatic-Tired, Tandem, 3-Wheel Road</b>				
1990-61 All (may require 2 batts.)	630	27(1,2)	153-5656	8C-3601
<b>INSLEY MANUFACTURING</b>				
<b>Excavators &amp; Shovels</b>				
1985-73 All	900	8D(1,2)	153-5720	101-4000
1973-61 6-volt	800	4D(1,2)	153-5700	9X-9720
1973-63 12-volt	900	8D(1,2)	153-5720	101-4000
1961-50 All models	815	4(1,2)	8C-3633	8T-9733
<b>Lift Trucks</b>				
1971-61 All except below	340	24	153-5656	3T-5857
1970-68 640	525	2	153-5690	8C-3629
1971 640D	650	3	153-5690	8C-3630
<b>INTERNATIONAL HARVESTER</b>				
<i>Additional equipment listed in the Farm Equipment section.</i>				
<b>Balers</b>				
1961-52 All models	445	1	8C-3617	8T-9734

**PROPOSITION 65 WARNING:** Battery posts, terminals and related accessories contain lead and lead compounds, chemicals known to the state of California to cause cancer and reproductive harm. **Wash hands after handling.**

Refer to page 57 for explanation of Industrial Equipment replacement footnotes.





# INDUSTRIAL EQUIPMENT

## INTERNATIONAL HARVESTER — INTERNATIONAL HOUGH DIVISION

**IMPORTANT NOTE: BATTERIES CAN EXPLODE! Always wear safety glasses AND shield eyes when working around batteries.**

**Always check for proper polarity and sufficient terminal clearance BEFORE final installation to avoid dangerous sparks, potential explosion, possible severe personal injury and/or expensive electrical system and/or vehicle/equipment damage. Always check for proper polarity and sufficient clearances before connecting cables and closing hood or covers.**

MAKE EQUIPMENT TYPE YEAR/MODEL	CCA @ 0°F	O.E. BCI NO.	REPLACEMENT	
			OPTION 1	OPTION 2
<b>Dump Trucks</b>				
1967-56 All models	900	8D(2)	153-5720	101-4000
Optional	660	2(4)	153-5690	8C-3629
<b>Crawler Tractors</b>				
1962-41 T-6: 61 Series, T-9, T-14, TD-14 thru TD-15	800	4(1,2)	8C-3633	8T-9733
1968-59 T-6: 62 Series	375	24	153-5656	3T-5857
1968-41 TD-6, T-9, TD-15B	600	2(1,2)	153-5690	8C-3629
1968-41 TD-6: 61 & 62 Series, TD-9, TD-9B	625	3(1,2)	153-5690	8C-3630
1968-42 TD-18 thru TD24TC	800	4(2,4)	8C-3633	8T-9733
1962-59 TD-25	900	7D(4)	8C-3635	8T-9731
1967-62 TD-25B, TD-30	900	8D(2)	153-5720	101-4000
1962-59 T-340	500	1	8C-3617	8T-9734
1968-62 T-340A	300	22NF	3T-5859 ∞	9X-1384 ∞
1968-61 TD-340, -340A	525	27	153-5656	8C-3601
<b>Harvester Threshers &amp; Cotton Pickers</b>				
1961-52 20-C, 101, Self-propelled models	690	3	153-5690	8C-3630
1961-52 64, 64HT, 76, 140	445	1	8C-3617	8T-9734
1961-59 Self-propelled models	315	24	153-5656	3T-5857
<b>Power Units</b>				
1960-47 U-1, -2, -2A, -4, -123, -175, Y-164	445	1	8C-3617	8T-9734
1967-56 U-308, UB-220, -264	315	24	153-5656	3T-5857
1967-53 U-372, -450, -501	375	27	153-5656	8C-3601
1966-57 UC-60, UC-135	340	1	8C-3617	8T-9734
1967-58 UC-60, -135B, -153, -221, -263, -301	315	24	153-5656	3T-5857
1967-53 UD Series ex. below	690	3(2)	153-5690	8C-3630
UD-18A, -24, -691, -1091; UDT-1091, 429, -573	840	4(2,4)	8C-3633	8T-9733
1967-59 UD-, UDT-817	900	8D(2)	153-5720	101-4000
1967-57 UR-372, -450, -501; UV-401, -461, -549	375	27	153-5656	8C-3601
<b>Prime Movers &amp; Self-Propelled Scrapers</b>				
1965-60 All ex. below	900	8D(2)	153-5720	101-4000
2T-70	660	2(4)	153-5690	8C-3629
1960-55 2T-55, -75	880	6D(2)	153-5700	9X-9720
<b>INTERNATIONAL HOUGH DIVISION</b>				
<b>HOUGH DIVISION DRESSER INDUSTRIES, INC. Construction Equipment</b>				
<b>Crawler Tractors</b>				
1975-70 TD-7C, -8C, -100C, -125C	650	4EH(2)	8C-3632	—
1984-83 TD-7E, TD-8E, TD-100E, 125D, -E	700	31	175-4370	175-4390
1982-80 All	525	24(2)	153-5656	3T-5857
1979-75 All	645	2(2)	153-5690	8C-3629
1984-80 TD-12, TD-15C, 175C	500	28(2,4)	153-5656 ≠	3T-5857 ≠
1979-72 All	650	2(2)	153-5690	8C-3629
1974-70 TD-20C	800	4D(2)	153-5700	9X-9720
1984-83 TD-20E	700	31(2)	175-4370	175-4390
1982-78 TD-20E	500	31(4)	175-4370	175-4390
1984-75 TD-20E, SB-85	880	8D(2,4)	153-5720	101-4000
1984-78 TD-25E, 250C	500	28(2,4)	153-5656 ≠	3T-5857 ≠
1983-80 TD-40, 240A H.S., 250A H.S., 280A, 4500 Forklift	625	31(1,2,3)	175-4370	175-4390
1983-80 240A T.C. & G.D., 250A T.C. & G.D., 260A, 270A	525	24(1,2)	153-5656	3T-5857

MAKE EQUIPMENT TYPE YEAR/MODEL	CCA @ 0°F	O.E. BCI NO.	REPLACEMENT	
			OPTION 1	OPTION 2
<b>Loaders</b>				
1966-47 HA: Gas	545	1	8C-3617	8T-9734
1975-67 HA: Gas	365	24	153-5656	3T-5857
1966-48 Diesel	790	4(2)	8C-3633	8T-9733
1975-67 Diesel	570	30H	3T-5760	115-2422
Opt. Diesel	315	24	153-5656	3T-5857
1959-55 HADC	790	4(2)	8C-3633	8T-9733
1966-60 HAH, -E, HE	540	1	8C-3617	8T-9734
1975-67 HAH, -E, -F	365	24	153-5656	3T-5857
1961-49 HMD, HOD, HOG, HR, HRD, H-12	790	4(1,2,4)	8C-3633	8T-9733
HMD after S.N. 91275	630	2(4)	153-5690	8C-3629
1980-58 H-25B, -30B: Gas; -50B, -50C: Gas, Diesel	370	24	153-5656	3T-5857
1962-58 Diesel	630	2(2)	153-5690	8C-3629
1980-63 Diesel	545	30H	3T-5760	115-2422
1977-66 H-30B, -50C: Diesel	975	4(1,2)	8C-3633	—
1965-63 GM eng.	900	7D(2)	8C-3635	8T-9731
1967-63 GM ex. above, IHC	840	4(2)	8C-3633	8T-9733
1965-61 H-60, H-65B: Gas	340	24(2)	153-5656	3T-5857
Diesel	790	4D(2)	153-5700	9X-9720
Optional	900	7D	8C-3635	8T-9731
1980-66 H-60, -E, -65, -65C	830	3EH(4)	8C-3632	—
1961-58 H-70, -90: Gas, Diesel	790	4(2,4)	8C-3633	8T-9733
1980-62 H-70C: Diesel; H-80B	790	4D(2)	153-5700	9X-9720
GM eng.	900	7D(2)	8C-3635	8T-9731
1975-64 H-90, 90C, -100, -120B, -120C Series	900	7D(1,4)	8C-3635	8T-9731
1980-69 H-90E: Diesel	900	8D(2)	153-5720	101-4000
1980-69 H-100C: Diesel	975	4(4)	8C-3633	—
1975-66 H-120, -120E	880	7D(4)	8C-3635	8T-9731
1980-67 H-400, -400C	900	8D(4)	153-5720	101-4000
1974 303, 403: Gas; 815, 915	340	24	153-5656	3T-5857
1974 403: Diesel	650	2(2)	153-5690	8C-3629
1984-76 510, -B	590	27(2)	153-5656	8C-3601
Optional	625	31(2)	175-4370	175-4390
1984-79 515, -B, 520B, 530	625	31(2)	175-4370	175-4390
Optional	590	27(2)	153-5656	8C-3601
1984-81 540	1000	4D(4)	153-5700	9X-9720
1984-81 550, 560B	470	28(4)	153-5656 ≠	3T-5857 ≠
1980-75 560	900	8D(2)	153-5720	101-4000
1984-81 570, 580	625	31(2,6)	175-4370	175-4390
<b>Paymovers</b>				
<i>Some may require spl. Ordnance 2H or 6TL.</i>				
1962-60 All models	630	2(1,2)	153-5690	8C-3629
Optional	315	24	153-5656	3T-5857
Optional	525	2E	8C-3632 Δ	—
<b>Scrapers &amp; Skidders</b>				
1969-66 E-200, E-211	650	3(4)	153-5690	8C-3630
1980-70 E-200, -211, -270, 270, 412, 431, 433, 442, 444	650	2(4)	153-5690	8C-3629
1984-81 412, 412B, 431, 433, 442, 444; S-8B, S-10B	625	31(2)	175-4370	175-4390

**PROPOSITION 65 WARNING:** Battery posts, terminals and related accessories contain lead and lead compounds, chemicals known to the state of California to cause cancer and reproductive harm. **Wash hands after handling.**



**IMPORTANT NOTE: BATTERIES CAN EXPLODE! Always wear safety glasses AND shield eyes when working around batteries. Always check for proper polarity and sufficient terminal clearance BEFORE final installation to avoid dangerous sparks, potential explosion, possible severe personal injury and/or expensive electrical system and/or vehicle/equipment damage. Always check for proper polarity and sufficient clearances before connecting cables and closing hood or covers.**

MAKE EQUIPMENT TYPE YEAR/MODEL	CCA @ 0°F	O.E. BCI NO.	REPLACEMENT	
			OPTION 1	OPTION 2
<b>IOWA MANUFACTURING CO.</b>				
<i>After 1967, see "CEDARAPIDS, INC."</i>				
<b>Asphalt Plants, Material Handling Rock Crushing, Screening, Washing Equipment</b>				
<i>Some may require spl. 8-volt battery.</i>				
1961-56 Allis-Chalmers U318	550	1	8C-3617	8T-9734
1961-56 Buda	790	4	8C-3633	8T-9733
1960-52 Case: D.E.	880	7D(1,4)	8C-3635	8T-9731
S.E.	550	1	8C-3617	8T-9734
	630	2	153-5690	8C-3629
1961-52 Cat.: Continental: B-427	880	5D(1,4)	8C-3633	8T-9733 Y
1961 D-326F, -337F, -342C	900	7D(4)	8C-3635	8T-9731
F-124, -162, -226, Y-91	600	1	8C-3617	8T-9734
1961 F-162, -226, -244, GD-157, M-271, Y-91	790	4(1,2)	8C-3633	8T-9733
1960-56 F-244, M-271, R-602	630	2(1,2)	153-5690	8C-3629
1961-52 HD-260, HD-277, PR-501, R-602, Cummins eng.	880	7D(1,2,4)	8C-3635	8T-9731
1961-56 M-330	790	4	8C-3633	8T-9733
1961-56 GM	880	7D(2,4)	8C-3635	8T-9731
1961-56 IHC: U-123, -175, -220, UC-60, -221, -263, UD-135	550	1(1,2)	8C-3617	8T-9734
1960-56 U-264, -264-6, -281	630	2	153-5690	8C-3629
1961-56 U-308, -372, -406	790	4(1,2)	8C-3633	8T-9733
1961-57 U-450, UD-1091, UDT-1091	865	5D(2)	8C-3633	8T-9733 Y
1961-58 U-501, UD-817, UDT-817	880	7D(2,4)	8C-3635	8T-9731
1961-56 UD-14A, -281, -350	630	2(2)	153-5690	8C-3629
1961-52 UD-18A, -236, -282, -370, -525, -554, -691	790	4(2)	8C-3633	8T-9733
1961-56 LeRoi, Minneapolis-Moline ex. below	550	1(1,2)	8C-3617	8T-9734
D-283-4A	790	4(2)	8C-3633	8T-9733
D425-6A	880	7D(2)	8C-3635	8T-9731
1960-57 800-6A	630	2(2)	153-5690	8C-3629
1961-60 800-6A	790	4(2)	8C-3633	8T-9733
1961-52 Murphy eng.	790	4(4)	8C-3633	8T-9733
<b>THE JAEGER MACHINE CO.</b>				
<b>Portable Air Compressors Reciprocating Type</b>				
1951-45 60, 75 to S.N. C-7622	525	2E	8C-3632 Δ	—
1952-50 75 from S.N. C-7623 to C-19632	525	1	8C-3617	8T-9734
1956-50 S.N. C-19633 and later	375	27	153-5656	8C-3601
1964-44 105, 125	630	2	153-5690	8C-3629
1956-44 160, 185, 210, 250	690	3(1,2)	153-5690	8C-3630
Optional	880	7D	8C-3635	8T-9731
1950-47 315, 365, 600	800	4(2)	8C-3633	8T-9733
Optional	900	8D(2)	153-5720	101-4000
<b>Single Stage</b>				
1960-57 75	550	1	8C-3617	8T-9734
1978-57 75, 85, 125, GV-160E, GS175	400	24	153-5656	3T-5857
1978-61 125, GS-175	390	27	153-5656	8C-3601
1972-71 GV-175: D-2300	650	2(2)	153-5690	8C-3629
G-2300	400	27(2)	153-5656	8C-3601
1978-62 DS-175, DS-750, 365, 600, 900	900	8D(1,2)	153-5720	101-4000

MAKE EQUIPMENT TYPE YEAR/MODEL	CCA @ 0°F	O.E. BCI NO.	REPLACEMENT	
			OPTION 1	OPTION 2
<b>Two Stage (continued)</b>				
1968-61 125, 150 Ford Diesel, DD2-53	650	2(1,2)	153-5690	8C-3629
Optional	390	27	153-5656	8C-3601
Optional	315	24	153-5656	3T-5857
Optional	880	7D(2)	8C-3635	8T-9731
1978-62 F-226-7, G-193 engines	400	24	153-5656	3T-5857
HD-260	880	7D(2)	8C-3635	8T-9731
1978-62 250: Cont. B-427	800	4D	153-5700	9X-9720
Diesel: Ford, DD	800	6D	153-5700	9X-9720
Optional	880	7D	8C-3635	8T-9731
1967-55 365, 600, 900	900	8D(1,2)	153-5720	101-4000
<b>J. D. ADAMS</b>				
See "HAULPAK"				
<b>J. I. CASE</b>				
See "CASE, J.I."				
<b>JOHN DEERE</b>				
See "DEERE, JOHN"				
<b>JOY MANUFACTURING CO.</b>				
<b>Portable Air Compressors</b>				
1960-57 RP125G2 thru -G40	790	4	8C-3633	8T-9733
1967-60 RP-125G41 thru -G52	750	6D	153-5700	9X-9720
1975-56 RP-250D, -365D, -600D, -900D, -900D40	900	8D	153-5720	101-4000
1975-58 RP-250G, RPS-600D, -D22, -650, -750D, -800, -850	800	4D(1,2)	153-5700	9X-9720
1975-69 RPS-175 & 185: -DA20, -GA20	310	60(1,2)	—	—
1975-64 RPS-900D, -D30, -1000D, -1050D, -1200D, -B24, -1500D, -1600D	900	8D(2)	153-5720	101-4000
1975-69 RPV-100GA20, -160D21, -GA21, -185DA20, -GA20	310	60(1,2)	—	—
1967-54 WK8-0-75G	390	24	153-5656	3T-5857
<b>KAWASAKI LOADERS, INC.</b>				
<b>Loaders</b>				
1999-96 KSS50Z IV, KSS60Z IV	520	24(2)	153-5656	3T-5857
1997-95 KSS65 T/M, KSS65Z IV, KSS70Z IV, KSS80Z IV	740	4D(2)	153-5700	9X-9720
1997-95 KSS85Z IV, KSS90Z IV, KSS95Z IV, KSS115Z IV	975	8D(2)	153-5720	101-4000
1988-86 KSS60Z	400	27(2)	153-5656	8C-3601
1995-88 KSS60Z-III	520	24(2)	153-5656	3T-5857
1989-82 KSS65Z-II, KSS70BC, KSS70D	590	31(2)	175-4370	175-4390
1999-85 KSS65Z-III, -65Z-IV, -70BC, -70DC, -70Z-II, -III, -IV	740	4D(2)	153-5700	9X-9720
1999-77 KSS80C, -80CT, -80Z, -80Z-II, -III, -IV, -85Z, -85Z-IV	740	4D(2)	153-5700	9X-9720
1999-83 KSS90Z-III, -IV, -95Z, -95Z-II, -III, -IV	975	8D(2)	153-5720	101-4000
1999-85 KSS-110Z, -110Z-II, -110Z-III, -IV	975	8D(2)	153-5720	101-4000
<b>KENWORTH MFG. CO.</b>				
<b>Industrial Tractors</b>				
1967-62 200	800	4D(2)	153-5700	9X-9720
1967-62 300 thru 600, KT-17	900	8D(2)	153-5720	101-4000

**PROPOSITION 65 WARNING:** Battery posts, terminals and related accessories contain lead and lead compounds, chemicals known to the state of California to cause cancer and reproductive harm. **Wash hands after handling.**

BATTERY SAFETY  
CATERPILLAR EQUIP.  
INDUSTRIAL EQUIPMENT  
FARM EQUIPMENT  
TRUCKS & BUSES  
AUTO & LTV  
L & G / SMALL ENGINE  
REFERENCE



# INDUSTRIAL EQUIPMENT

## KLAUER MFG. CO. — KOEHRING COMPANY

**IMPORTANT NOTE: BATTERIES CAN EXPLODE! Always wear safety glasses AND shield eyes when working around batteries. Always check for proper polarity and sufficient terminal clearance BEFORE final installation to avoid dangerous sparks, potential explosion, possible severe personal injury and/or expensive electrical system and/or vehicle/equipment damage. Always check for proper polarity and sufficient clearances before connecting cables and closing hood or covers.**

MAKE EQUIPMENT TYPE YEAR/MODEL	CCA @ 0°F	O.E. BCI NO.	REPLACEMENT	
			OPTION 1	OPTION 2
<b>KLAUER MFG. CO.</b>				
<b>Rotary Snow Removers</b>				
1997-94 WK-800	750	31(4)	175-4370	175-4390
1998-86 TU-3, MTR, TR-44, TR-52	750	31(4)	175-4370	175-4390
1988-83 TU-3, MTR	900	8D(2)	153-5720	101-4000
1998-88 MP-3D	750	31(2)	175-4370	175-4390
1988-83 MP-3D	475	31(1,2)	175-4370	175-4390
<b>KOEHRING BOMAG U.S.A.</b>				
See "BOMAG U.S.A."				
<b>KOEHRING COMPANY</b>				
<b>BANTAM Formerly "WEST BRICK BUGGY"</b>				
<b>Construction Equipment Division (Includes PCM Division)</b>				
1977-64 Skytrak, 450, 550, 610, 700, 710, 1510, 2000	350	29NF(1,2)	3T-5858 π	9X-1382 π
1977-70 4030 Skytrak	380	24(2)	153-5656	3T-5857
1978-71 5030, 6034 Skytrak: Gas	300	29NF	3T-5858 π	9X-1382 π
1981-77 Diesel	380	24(2)	153-5656	3T-5857
1973 8034 Skytrak: w/ Ford 361 engine	300	30H	3T-5760	115-2422
1981-73 GM 4-53; Cummins 378	935	8D(2)	153-5720	101-4000
1981-74 Light Towers	380	24(2)	153-5656	3T-5857
1981-74 Riding Trowel, Generator Sets	200	U1	8C-3636	—
<b>MILWAUKEE DIVISION</b>				
<b>Excavators</b>				
1975-53 205-2A, -2B, 218-1A, 220-1A, 225-1A all except Cat. D-320A engine	655	4(1,2,4)	8C-3633	8T-9733
w/ Cat. D-320A engine	935	8D(2)	153-5720	101-4000
1967-41 304-1A	790	4(1,2,4)	8C-3633	8T-9733
Optional	880	7D(2)	8C-3635	8T-9731
1975-58 305-1A, -1A Cruiser, 325-1A, 330-1A, -2A, 335-1A w/ Cat., A-C, Cummins engine	935	8D(2)	153-5720	101-4000
w/ DD, IHC, Waukesha, A-C engines	655	4(2)	8C-3633	8T-9733
1966-58 305-1A Cruiser: ex. Wauk. Waukesha	900	8D(2)	153-5720	101-4000
1979-62 366-1A, 445-1A, 405-2A, -2B, 450-1A	935	8D(1,2)	153-5720	101-4000
1979-62 545-1A, 550-1A: w/ A-C, Cat., Cummins engines	935	8D(1,2)	153-5720	101-4000
w/ DD, IHC, Waukesha engines	655	4(2)	8C-3633	8T-9733
1975-65 435-1A, 335-2A, 440-1A, -1A TC SP40-1A, 455-S: All ex. Waukesha eng.	935	8D(1,2)	153-5720	101-4000
w/ Waukesha engine	655	4(2)	8C-3633	8T-9733
1976-58 445-1A, 455-1A, 466-1A, -D, -DLS, -Logger	935	8D(1,2)	153-5720	101-4000
Optional	655	4(1,2)	8C-3633	8T-9733
1981-75 466E, -ELS, -ESR	775	4D(2)	153-5700	9X-9720
1985-61 505-1A, -1B, 535-1A, 566	975	8D(1,2)	153-5720	101-4000
1975-58 605A, -2A: w/ Cat. D-333A, D-342CNA eng.	935	8D(2)	153-5720	101-4000
w/ Cat. D-326F, DD 6-71 engines	655	4(1,2)	8C-3633	8T-9733
1985-67 665-1ASP, -1ATC, 666, -1A, -1B, -2A 666-D, 666D Logger, 666-E, -ELS, -ESR	975	8D(1,2)	153-5720	101-4000
1975-58 805-1A: w/ Cat. D-333A, Cummins engines	935	8D(2)	153-5720	101-4000
w/ Cat. D-342CNA, Waukesha WAK engines, GM	655	4(1,2)	8C-3633	8T-9733
1985-72 866, -D, 866D Logger, 866E	975	8D(2)	153-5720	101-4000
1985-58 1000-1B, 1066, -1A, 1266-D	975	8D(1,2)	153-5720	101-4000
Optional	790	4(1,2,4)	8C-3633	8T-9733

MAKE EQUIPMENT TYPE YEAR/MODEL	CCA @ 0°F	O.E. BCI NO.	REPLACEMENT	
			OPTION 1	OPTION 2
<b>Excavators (continued)</b>				
1955-48 1005-1A	790	4(1,4)	8C-3633	8T-9733
Optional	880	7D	8C-3635	8T-9731
1981-55 1066C, -D, -E, 1166E; 1205-1A, -1B, 1295-1A	975	8D(2)	153-5720	101-4000
Cummins	880	7D(4)	8C-3635	8T-9731
Optional	655	4	8C-3633	8T-9733
1985-75 1166, 1266-D, 1466	975	8D(2)	153-5720	101-4000
<b>Finishers &amp; Pavers</b>				
1975-58 TF-1A Finishers	450	1	8C-3617	8T-9734
1971-37 16E-1B, -1D, 34E-1B, -3A	655	4(2,4)	8C-3633	8T-9733
<b>Cranes, Excavators &amp; Shovel Units</b>				
1966-61 54 Carrier	360	27	153-5656	8C-3601
1987-78 LCD-150, LRT-150, 180, 200, 220	625	31(2,3)SAE	3T-5760	115-2422
1989-78 LRT-150, -180, -200, -220, -230, -250, -275	625	31(2,3)SAE	3T-5760	115-2422
1989-85 MCH-140, -150, -180, -200, -230, -250, -275, -350	625	31(2,3)SAE	3T-5760	115-2422
1981-65 155-166, 206, 306 Carrier	935	8D	153-5720	101-4000
1985-81 166, 266	625	31(2)SAE	3T-5760	115-2422
1981-74 266, -C	760	4D(1,2)	153-5700	9X-9720
1965-61 206, 306 Carrier	360	27	153-5656	8C-3601
1988-79 LRT-, MCA-, MCH-275, LRT-330, MCH-300	625	31(3)SAE	3T-5760	115-2422
1984-61 304, -C, 306A, -C, -RR: w/ GM engine	935	8D	153-5720	101-4000
w/ Chrysler, Ford engines	360	27	153-5656	8C-3601
1978-61 350, C-, CR-, T-350: 6-volt	500	1(1,2)	8C-3617	8T-9734
12-volt: Cont. F-227 & other Gas engines	360	27	153-5656	8C-3601
12-volt: Diesel & GM 3-53, A-C D-262 eng.	935	8D	153-5720	101-4000
1985-74 366, -C	760	4D(2)	153-5700	9X-9720
1979-64 400 Carrier, 414, 416, 424, -C, 426, -C: w/ GM 6-53N engine	935	8D	153-5720	101-4000
All other engines	360	27	153-5656	8C-3601
1977-72 434A, C-451, T-451, 488	935	8D	153-5720	101-4000
1989-85 4460, 4465, 4470, 4475	625	31(2)SAE	3T-5760	115-2422
1974-70 C-475	760	4D	153-5700	9X-9720
1973-61 C-450, T-450, TK-450: w/ Chry. engine	360	27	153-5656	8C-3601
w/ A-C, DD, Cummins engines	935	8D	153-5720	101-4000
1985-73 488A, 588A, 688A, 522, 588, 644, 725, 744	935	8D	153-5720	101-4000
1982-78 488B, 588B, 688B	625	31(3)SAE	3T-5760	115-2422
1973-67 515 Log Loader: w/ Chry. engine	360	27	153-5656	8C-3601
w/ A-C, DD, Cummins engines	935	8D	153-5720	101-4000
1975-69 626, 628: w/ Chrysler engine	360	27	153-5656	8C-3601
w/ GM engine	935	8D	153-5720	101-4000
1989-81 6625, -L, S-, T-888	625	31(2,3)SAE	3T-5760	115-2422
1989-66 6644, -L, -KL, Telescoop	935	8D(1,2)	153-5720	101-4000
1981-78 788/448, S-, T-888	760	4D(2)	153-5700	9X-9720
1973-66 Telekruisers: w/ DD engine	935	8D	153-5720	101-4000
w/ Chrysler engine	360	27	153-5656	8C-3601
<b>LORAIN DIVISION</b>				
<b>Cranes, Crawler Shovel-Type</b>				
1973-64 L-51	655	4	8C-3633	8T-9733
1975-68 L-48L, -790	935	8D(1,2)	153-5720	101-4000

**PROPOSITION 65 WARNING:** Battery posts, terminals and related accessories contain lead and lead compounds, chemicals known to the state of California to cause cancer and reproductive harm. **Wash hands after handling.**

**IMPORTANT NOTE: BATTERIES CAN EXPLODE! Always wear safety glasses AND shield eyes when working around batteries. Always check for proper polarity and sufficient terminal clearance BEFORE final installation to avoid dangerous sparks, potential explosion, possible severe personal injury and/or expensive electrical system and/or vehicle/equipment damage. Always check for proper polarity and sufficient clearances before connecting cables and closing hood or covers.**

MAKE EQUIPMENT TYPE YEAR/MODEL	CCA @ 0°F	O.E. BCI NO.	REPLACEMENT	
			OPTION 1	OPTION 2
<b>Cranes, Moto-Type w/ Rubber Tires and Two Engines</b>				
1978-66 MC-30H, -35H, -75H	935	8D(1,2)	153-5720	101-4000
1965-61 MC-107	450	1(2)	8C-3617	8T-9734
1961 MC-110: w/ Ford 223 engine	935	8D	153-5720	101-4000
w/ Ford 254 engine	545	2	153-5690	8C-3629
w/ Ford 272 engine	400	24	153-5656	3T-5857
w/ DD 2-71 engine	925	7D(2)	8C-3635	8T-9731
1973-61 MC-254, -254W: w/ DD 3-71 engine	925	7D(2)	8C-3635	8T-9731
w/ Waukesha 195GK engine	545	2	153-5690	8C-3629
1974-64 MC-320, -325, -330	935	8D(1,2)	153-5720	101-4000
w/ Waukesha engine	655	4(1,2)	8C-3633	8T-9733
1961 MC-424, -W, -425, -W, -WL: w/ DD engine	935	8D	153-5720	101-4000
w/ Waukesha 6MZA, 135GK engine	545	2(1,2)	153-5690	8C-3629
w/ Waukesha 140CK, 140GZB engine	655	4(2)	8C-3633	8T-9733
1961 MC-530, -530W	935	8D(1,2)	153-5720	101-4000
w/ Waukesha 140GK engine	545	2(2)	153-5690	8C-3629
1983-63 MC-540, -540A, -550A	935	8D(1,2)	153-5720	101-4000
w/ Waukesha 135GZ, Cummins engine	655	4(2)	8C-3633	8T-9733
1978-63 MC-545, -550A: w/ Cat., DD, Cummins C-160-IP engines	935	8D(1,2)	153-5720	101-4000
w/ Waukesha, other Cummins engines	655	4(2)	8C-3633	8T-9733
1983-61 MC-670A, -680, -760, -770, -775, -790	935	8D(1,2)	153-5720	101-4000
1983-63 MC-1150, -1400, -1650, -7125, -8150, -9115	950	8D(1,2)	153-5720	101-4000
1983-78 MCH-350	750	4D(2)	153-5700	9X-9720
1983-78 MCH-400, -500	950	8D(1,2)	153-5720	101-4000
Optional	750	4D(2)	153-5700	9X-9720
<b>Cranes, Self-Propelled w/ Rubber Tires and One Engine</b>				
1965-61 4-5 models: w/ Cat. D-318, D330 engines	950	8D(1,2)	153-5720	101-4000
w/ Cat. 318, Waukesha 135G engines	545	2(1,2)	153-5690	8C-3629
1967-61 501, 501-P, 502, 502-P, 510P	340	24	153-5656	3T-5857
1967-61 501D, 501-PD, 502D, 502-PD, 601PP	380	30H	3T-5760	115-2422
1967-61 540, 590, 600, 60-P, 601P	340	24	153-5656	3T-5857
1967-61 540D, 600D	750	4D	153-5700	9X-9720
1961 670: NTO-6-I, GM 6-110 engines	950	8D(2)	153-5720	101-4000
1978-73 LRT-15H, -15U, -18U, -35U	950	8D(1,2)	153-5720	101-4000
1961 SP-100: w/ Ford 223 engine	935	8D	153-5720	101-4000
1973-61 SP-107: w/ Ford 220 engine	750	4D	153-5700	9X-9720
w/ Ford 172, Cont. GD-157 engines	450	1(1,2)	8C-3617	8T-9734
w/ Cummins, Cont. F-186, DD engines	925	7D(2)	8C-3635	8T-9731
1973-61 SP-108, -A: w/ Ford 220 engine	750	4D	153-5700	9X-9720
w/ Cont. F-186 engine	925	7D(2)	8C-3635	8T-9731
1973-61 SP-254, -254W: w/ DD 3-71 engine	925	7D(2)	8C-3635	8T-9731
w/ Cat., Hercules, Waukesha engines	545	2(2)	153-5690	8C-3629
1973-61 SP-530, -W: w/ Cummins, DD engines	950	8D(1,2)	153-5720	101-4000
w/ Waukesha 135GZ engine	655	4(2)	8C-3633	8T-9733
w/ Waukesha 140GK engine	545	2(2)	153-5690	8C-3629
1961 TSP-875: w/ Cat. D-337 engine	545	2	153-5690	8C-3629
<b>Crawler Machines</b>				
1973-61 L-26: w/ DD 3-71 engine	925	7D	8C-3635	8T-9731
w/ Cat., Waukesha engines	545	2(2)	153-5690	8C-3629
1973-65 L-36: Pipeliner	935	8D	153-5720	101-4000
w/ Waukesha engine	655	4(2)	8C-3633	8T-9733
1978-61 L-48H; L-50: w/ DD 4-71 engine	935	8D(1,2)	153-5720	101-4000
w/ Cat., Waukesha engines	545	2(1,2)	153-5690	8C-3629
1973-61 L-51, L-56, -K4, -K5: w/ Waukesha engine	655	4(2)	8C-3633	8T-9733
w/ other engines	935	8D(1,2)	153-5720	101-4000
1961 L-72: w/ Waukesha engine (Requires spl. batt.)	315	NA	—	—
1978-61 L-72, -86, -775, -790, -820A	935	8D(1,2)	153-5720	101-4000

MAKE EQUIPMENT TYPE YEAR/MODEL	CCA @ 0°F	O.E. BCI NO.	REPLACEMENT	
			OPTION 1	OPTION 2
<b>Front End Loaders</b>				
1971-63 ML-200, -225, -250, -275: w/ Cummins engine	925	7D(2)	8C-3635	8T-9731
w/ Cont. H-363 engine	450	1(2)	8C-3617	8T-9734
1971-61 ML-307, -325	935	8D(2)	153-5720	101-4000
<b>KOEHRING PARSONS</b>				
<i>See "PARSONS DIVISION"</i>				
<b>KOHLER COMPANY</b>				
<b>Electric Plants</b>				
1982-69 2.5RM, 3RM, 4RM, 4RMO	300	29NF	3T-5858 π	9X-1382 π
1992-76 3.5CM-HS, 5CM-HS	200	U1	8C-3636	—
1978-69 5RKM, 5RM	300	29NF	3T-5858 π	9X-1382 π
1991-89 5RMOY	460	30H	3T-5760	115-2422
1989-82 5RMOY	380	30H	3T-5760	115-2422
1983-76 5RMS	300	30H	3T-5760	115-2422
1997-93 5RMY	460	30H	3T-5760	115-2422
1993-83 5RMY	200	U1	8C-3636	—
2000-91 6ROY/ROZ, 10ROY/ROZ	900	24	—	—
1982-75 6.5RK	300	29NF	3T-5858 π	9X-1382 π
1997-92 6.5RMY	200	U1	8C-3636	—
1992-82 7RMY	200	U1	8C-3636	—
1982-75 7.5R, 7.5RMM, 8.5RMO	380	30H	3T-5760	115-2422
1978-75 7.5RKM	300	29NF	3T-5858 π	9X-1382 π
1981-69 10RCOP, 12.5RCOP	545	2(2)	153-5690	8C-3629
1989-75 10RM, 10RMOY, 12RMO, 12.5R, 15R, 15RM	380	30H	3T-5760	115-2422
1991-89 15RMOY	460	30H	3T-5760	115-2422
2000-89 10RY/RZ, 12RY/RZ	625	31SAE	3T-5760	115-2422
1997-89 15RMY, 15RMOY	460	30H	3T-5760	115-2422
1976-75 15RO	380	30H(2)	3T-5760	115-2422
1982-75 15ROY, 15.5ROY	380	30H	3T-5760	115-2422
2000-84 15ROY/ROZ, 18RY/RZ, 20RZ	900	24	—	—
1991-83 17RY, 20ROZ, 30ROZ	625	31SAE	3T-5760	115-2422
1982-69 20R, 20RO	380	30H	3T-5760	115-2422
2000-98 20REOZJ (12 volt)	900	24	—	—
24(volt)	700	26(2)	—	—
2000-83 20ROZJ, 20ROZP, 30ROZJ, 30RZ, 30ROZP	900	24	—	—
1984-75 22.5RZ, 24ROZ, 30R, 30RO	380	30H	3T-5760	115-2422
1983-75 30ROZ, 30RZ, 32.5RZ, 32.5ROZ, 45R, 45RO	380	30H	3T-5760	115-2422
1994-83 33RZ, 40ROZ, 45ROZ, 50ROZ	625	31SAE	3T-5760	115-2422
2000-83 35RZ, 40ROZJ, 40ROZP, 45RZ	900	24	—	—
1983-75 45RZ, 45ROZ, 47.5ROZ, 55R, 55RZ, 60RO	380	30H	3T-5760	115-2422
2000-89 50ROZJ, 50RZ, 50ROZP, 60ROZJ, 60ROZP, 60RZ, 70RZ	900	24	—	—
1990-84 60ROZ, 80ROZ, 100ROZ	625	31SAE	3T-5760	115-2422
1984-80 60ROZ	380	30H	3T-5760	115-2422
1984-75 70R, 75ROZ, 85R, 85RZ	380	30H	3T-5760	115-2422
1980-69 75ROZ, 100RO	655	4(4)	8C-3633	8T-9733
2000-75 70RZ, 80REOZJ, 80ROZJ, 80ROZP, 80RZ, 100REOZJ, 100ROZJ, 100ROZP, 100RZ	900	24(1,2)	—	—
1984-81 100RZ	380	30H	3T-5760	115-2422
1984-75 125RO, 125ROZ, 130ROZ	935	8D	153-5720	101-4000
1975-69 125RO	600	1	8C-3617	8T-9734
1990-84 125ROZ	625	31(2)SAE	3T-5760	115-2422
1997-94 125ROZP	1000	31SAE	115-2422	115-2421
2000-94 135ROZJ, 150ROZ	1000	31(1,2)	115-2422	115-2421
1976-69 150RO	655	4(4)	8C-3633	8T-9733
1990-84 150ROZ	625	31SAE	115-2422	115-2421
1984-79 150ROZ	935	8D	153-5720	101-4000
2000-94 150ROZJ, 150ROZP	1000	31(2)SAE	115-2422	115-2421
1995-89 150ROZJ	625	31(2)SAE	115-2422	115-2421
1989-84 160ROZ	935	8D(2)	153-5720	101-4000

**PROPOSITION 65 WARNING:** Battery posts, terminals and related accessories contain lead and lead compounds, chemicals known to the state of California to cause cancer and reproductive harm. **Wash hands after handling.**

BATTERY SAFETY  
CATERPILLAR EQUIP.  
INDUSTRIAL EQUIPMENT  
FARM EQUIPMENT  
TRUCKS & BUSES  
AUTO & LTV  
L & G / SMALL ENGINE  
REFERENCE



# INDUSTRIAL EQUIPMENT

## KOHLER COMPANY — KOMATSU

**IMPORTANT NOTE: BATTERIES CAN EXPLODE!** Always wear safety glasses AND shield eyes when working around batteries. Always check for proper polarity and sufficient terminal clearance BEFORE final installation to avoid dangerous sparks, potential explosion, possible severe personal injury and/or expensive electrical system and/or vehicle/equipment damage. Always check for proper polarity and sufficient clearances before connecting cables and closing hood or covers.

MAKE EQUIPMENT TYPE YEAR/MODEL	CCA @ 0°F	O.E. BCI NO.	REPLACEMENT	
			OPTION 1	OPTION 2
<b>Electric Plants (continued)</b>				
1984-69 165ROZ, 170R, 175RO, 175ROZ, 200RO	655	4(4)	8C-3633	8T-9733
1990-77 180ROZ, 200ROZ, 230ROZ	900	8D(2)	153-5720	101-4000
2000-94 180ROZJ, 180ROZP, 200RZD	1000	31(2)SAE	115-2422	115-2421
1995-89 180ROZJ	625	31(2)SAE	115-2422	115-2421
2000-89 200ROZD	900	24	—	—
2000-89 230ROZD, 250ROZD, 275ROZD, -RZD	1000	31(4)SAE	115-2422	115-2421
1985-69 250RO, 260ROZ	935	8D(2)	153-5720	101-4000
1990-69 250ROZ, 275ROZ, 300ROZ, 400ROZ	900	8D(2)	153-5720	101-4000
2000-89 300ROZD, 350ROZD, 400ROZD	1000	31(4)SAE	115-2422	115-2421
1979-69 350ROZD, 400ROZD, 500ROZD	935	8D(2)	153-5720	101-4000
1990-78 350ROZ	935	8D(2)	153-5720	101-4000
1990-69 450ROZ, 500ROZ, 600ROZ	900	8D(2)	153-5720	101-4000
2000-93 450ROZD, 500ROZD, 600ROZD	1000	31(4)SAE	115-2422	115-2421
1993-89 450ROZD, 500ROZD, 600ROZD	625	31(4)SAE	115-2422	115-2421
1990-77 750ROZ, 800ROZ, 900ROZ, 1000ROZ, 1100ROZ	900	8D(4)	153-5720	101-4000
2000-93 750ROZD	1000	31(4)SAE	115-2422	115-2421
1993-89 750ROZD	625	31(4)SAE	115-2422	115-2421
2000-93 800ROZD, 900ROZD, 1000ROZD, 1200ROZD, 1500ROZD, 1600ROZD, 2000ROZD	1000	31(8)SAE	115-2422	115-2421
1993-89 800ROZD, 1200ROZD, 1500ROZD, 1600ROZD	900	31(8)SAE	115-2422	115-2421
1990-87 1250ROZ	900	8D(4)	153-5720	101-4000
<b>Early Models Not Listed Above, Prior to 1976</b>				
1975-69 Models 1 thru 5, & 7.5RKM21	300	29NF	3T-5858 π	9X-1382 π
1975-69 Models 7.5 thru 115, ex. those shown below	340	30H	3T-5760	115-2422
1975-69 10RCOP21, 12RMO21, 12.5SRCOP21, 20RO61	600	2(2)	153-5690	8C-3629
1975-69 15MY21, 15RO21, 15ROY21	340	30HR	3T-5760	115-2422
1975-69 100-, 150-, 175-, 200RO81, 170R81	655	4(4)	8C-3633	8T-9733
1975-69 125RO81	630	1	8C-3617	8T-9734
1975-69 250RO81, 300-, 350-, 400-, 450-, 500ROZ81, 500ROZD81	900	8D(2)	153-5720	101-4000
<b>KOLMAN</b>				
<i>Formerly a Division of "ATHEY PRODUCTS CO."</i>				
<b>Loaders &amp; Skidders</b>				
1971-62 7-11, 125	340	24	153-5656	3T-5857
1971-70 S-70	400	24(2)	153-5656	3T-5857
1971-68 S-95, -97, -100B, -135	850	4D	153-5700	9X-9720
<b>Material Handling Equipment</b>				
<b>101, 101-HD, 101-XHD:</b>				
1993-59 18", 24": w/ GM engine	850	8D	153-5720	101-4000
w/ all other engines	515	24	153-5656	3T-5857
1993-59 30": w/ IHC UD-236 engine	590	2(2)	153-5690	8C-3629
w/ AC G138, IHC UC135 engines	515	24	153-5656	3T-5857
w/ GM, Cat. engines	850	8D	153-5720	101-4000
1993-59 36": w/ IHC UC221 engine	515	24	153-5656	3T-5857
w/ GM, Cat. engines	1150	8D	153-5720	101-4000
w/ IHC UD-236 engine	590	2(2)	153-5690	8C-3629
1993-59 42", 48": w/ IHC UC263, UC301 engines	515	24	153-5656	3T-5857
w/ GM, Cat. engines	1150	8D(1,2)	153-5720	101-4000
1981-77 101-SS, 202-SS: 40x24", 50x24", 50x30"	380	30H	3T-5760	115-2422
1993-78 101 All American 50x30"	1150	8D	153-5720	101-4000

MAKE EQUIPMENT TYPE YEAR/MODEL	CCA @ 0°F	O.E. BCI NO.	REPLACEMENT	
			OPTION 1	OPTION 2
<b>Material Handling Equipment (continued)</b>				
<b>101, 101-HD, 101-XHD (continued):</b>				
1993-62 202: 18", 24"	515	24	153-5656	3T-5857
Optional	935	8D	153-5720	101-4000
1993-86 202 All American 40, 50x24"	975	4D	153-5700	9X-9720
1976-59 303, 404: 48", 60", 50x60", 60x60", 50x72"	1150	8D(1,2)	153-5720	101-4000
<b>Moto-Scaffold</b>				
1962-59 X205	400	2L	153-5690 =	8C-3629
<b>KOMATSU</b>				
<b>See also "HAULPAK DIVISION"</b>				
<i>Manufacturer's recommended replacement battery may vary from original equipment battery.</i>				
<b>Dozers, Crawler Type</b>				
D21E-6, D21P-6, D31E-, D31P-18, D37E-, D37P-2	750	31(2)	175-4370	175-4390
D58E-, D58P-, D63E-, D68E-, D68P-, D83E-1	1000	8D(2)	153-5720	101-4000
D83P-1, D135A-1, D85P-18	1000	8D(2)	153-5720	101-4000
D375A-, D475A-1, D355A-5, KBD65E-6	1000	8D(2)	153-5720	101-4000
<b>Dozers, Wheel Type</b>				
WD600-1	1000	8D(4)	153-5720	101-4000
<b>Dump Trucks, Articulated &amp; Off-Highway</b>				
HA250, HA270; HD325-5	750	31(2)	175-4370	175-4390
HD465-3, HD785-2, HD1200M-1	1000	8D(4)	153-5720	101-4000
<b>Excavators</b>				
PC05-6, -20-5, -30-5, -40-5, PC60-5, -60U-5 (Best fit est.)	370	27F	8C-3602	143-4084
PC-80-3 (Best fit est.)	370	27F(2)	8C-3602	143-4084
PC120-3, -150, -150LC-3, -180LC-3	750	31(2)	175-4370	175-4390
1999-96 PC200, -200LC-3, 200LC-6 -220, -220LC-3, 220LC-6, 250LC-6, -280LC-3, 300LC-3, 300LC-6	1000	4D(2)	153-5700	9X-9720
PC-300LC-3, -360LC-3, -400LC-3	1000	8D(2)	153-5720	101-4000
PC650-3, -650LC-3, -1000-1, -1000LC-1	1000	8D(2)	153-5720	101-4000
PF55L-1, PW210-1	750	31(2)	175-4370	175-4390
PW05-6, -30-1, -60-3 (Best fit est.)	370	27F(1,2)	8C-3602	143-4084
<b>Graders</b>				
1999-83 GD Series: 530A/AW2, 650A/AW2	800	31(2)	175-4390	175-4370
1999 GD750A	1000	4D(2)	153-5700	9X-9720
GD515A-1, -525A-1, -615A-1, -625A-1, -725A-1, -825A-1	750	31(2)	175-4370	175-4390
<b>Loaders, Crawler &amp; Wheel Types</b>				
D21S-6, -31S-18, -41S-3, -53S-17, -57S-1, -66S-1	750	31(2)	175-4370	175-4390
D75S-5, D155S-1	1000	8D(2)	153-5720	101-4000
WA20-1, -30-2, -40-1, -70-1, WA120-1, -3, 180-1, -3	750	31(2)	175-4370	175-4390
1999-96 WA Series: 250-3, 320-1, -3, 380-1, -3, 420-1, -3, 450-1, -3	1000	4D(2)	153-5700	9X-9720
WA320-1, WA350-1	750	31(2)	175-4370	175-4390
WA380-1, -420-1, -450-1, -470-1, -500-1, -600-1, -800-1	1000	8D(2)	153-5720	101-4000
1999-96 WA500-1, 600-1	1300	8D(2)	153-5720	101-4000

**PROPOSITION 65 WARNING:** Battery posts, terminals and related accessories contain lead and lead compounds, chemicals known to the state of California to cause cancer and reproductive harm. **Wash hands after handling.**



**IMPORTANT NOTE: BATTERIES CAN EXPLODE!** Always wear safety glasses AND shield eyes when working around batteries. Always check for proper polarity and sufficient terminal clearance BEFORE final installation to avoid dangerous sparks, potential explosion, possible severe personal injury and/or expensive electrical system and/or vehicle/equipment damage. Always check for proper polarity and sufficient clearances before connecting cables and closing hood or covers.

MAKE EQUIPMENT TYPE YEAR/MODEL	CCA @ 0°F	O.E. BCI NO.	REPLACEMENT	
			OPTION 1	OPTION 2
<b>Scrapers</b>				
S23-2, WS23S-2	750	31(2)	175-4370	175-4390
<b>KOMATSU DRESSER CO.</b>				
<i>See "HAULPAK DIVISION"</i>				
<b>KUBOTA TRACTOR CORP.</b>				
<b>Backhoe Loaders</b>				
KX61-2	585	24	153-5656	3T-5857
KX121-2, 161-2	750	29H	3T-5760	115-2422
<i>Additional equipment listed in the Farm Equipment section.</i>				
<b>Excavators</b>				
KH18, KH28, KH90	525	30H	3T-5760	115-2422
<b>LE ROI DIVISION</b>				
<b>DRESSER INDUSTRIES, INC.</b>				
<b>Compressors</b>				
1975-72 75RG1	280	22NF	3T-5859 ∞	9X-1384 ∞
1975-59 75RG1, 85G1-E, 125G1-E, 85RG1, 100RG1	315	3EE	8C-3620	—
1987-78 Q85DE, -100GE, -125D, -125GE, -160D, A125DE	625	31	175-4370	175-4390
1978-60 Q85DG, Q85G, 85RD1, 125RD1	545	30H	3T-5760	115-2422
1982-78 Q85G, Q100GE	400	22F	3T-5859	9X-1384
1977-58 85RG1, 125RG1, 125RG2, 125TA	300	24	153-5656	3T-5857
1991-87 Q100GE, Q105GHE, Q125DE, -DPE, -GE	475	24	153-5656	3T-5857
1977-60 125RG2, -U, 125RG1A, -1B, 130-, 150, 160-RG1	375	3EE	8C-3620	—
1993-90 Q105DTE, Q125DJE, Q125DTE, Q175DJE	650	27	153-5656	8C-3601
1983-78 Q125G, Q160G, Q175G, -DE, Q185G, -GE	400	22F	3T-5859	9X-1384
1991-90 Q125GFE, -GHE	525	24	153-5656	3T-5857
1977-64 150RD1, 150RD2, 160RD1, 175, 300	545	30H	3T-5760	115-2422
1967-47 150RG2, 160D2, -G2, 210D2, -G2	540	1(2)	8C-3617	8T-9734
1974-70 170RG2	305	3EE	8C-3620	—
1983-81 Q185D, Q185DE	525	24F	3T-5858	9X-1382
1993-87 Q186DCE, D185DJE, -DPE, Q185GE, -GFE	650	27	153-5656	8C-3601
1994-78 Q186DCE, -DDE, D185DJE, -DPE, Q185GE	625	31	175-4370	175-4390
1993-87 Q250DPE, Q375DCE, Q75DPC	650	27(1,2)	153-5656	8C-3601
1987-83 Q250DPE	625	31	175-4370	175-4390
1967-63 250RD2, -RG2 (Req. spl. 6-volt assembly)	525	NA	—	—
1977-66 260SD, 365SD1, 450RD2, 900SD1	640	4D	153-5700	9X-9720
1987-78 Q260D, Q300D, -DE, Q375D, -DE, -DCE	625	31(1,2)	175-4370	175-4390
1967-58 365D2, -RD2, 6001D2-C	525	2E(2)	8C-3632 Δ	—
1978-58 600SD1, 600SDL, -RD2, -SDL, Q600	900	8D	153-5720	101-4000
Optional	525	2E(2)	8C-3632 Δ	—
1987-78 Q600DC, Q750D, -DC, Q75DPC, Q900D, -DC	625	31(2,4)	175-4370	175-4390
1979-72 750SD, Q750	900	8D(2)	153-5720	101-4000
1993-92 HQ750DDC, Q850DDC, EQ-, Q1000DDC	950	31(2)	175-4390	—
1993-87 Q750DCC, Q825DKC	800	31(2)	175-4390	175-4370
1980-58 Q1050SD1, Q1200SD1, -RD2	900	8D(2)	153-5720	101-4000
1993-85 Q1200DCC, HQ1300DCC, Q1600DCC	950	31(2)	175-4390	—
1985-75 Q1500, -DC	900	8D(2)	153-5720	101-4000

MAKE EQUIPMENT TYPE YEAR/MODEL	CCA @ 0°F	O.E. BCI NO.	REPLACEMENT	
			OPTION 1	OPTION 2
<b>LETOURNEAU, R. G.</b>				
<b>Industrial Equipment</b>				
1967-56 All models	525	1(4,8)	8C-3617	8T-9734
<b>LETOURNEAU INC.</b>				
<b>Container Handlers</b>				
1998-76 SST-100, ST100	475	31(4)	175-4370	175-4390
1994-77 2582CH, 2682CH	650	4D(2)	153-5700	9X-9720
<b>Haul Trucks</b>				
1995-85 Titan 33-15C, -15DG, Titan T-2000, -2240	900	8D(2,4)	153-5720	101-4000
<b>Log Stackers</b>				
1998-66 2594, 2594SS, 2694, 2694SS, 2794, 4594, 5094, 5594, 6594	650	4D(2)	153-5700	9X-9720
<b>Wheel Dozer</b>				
1988-78 D-800	650	4D(4)	153-5700	9X-9720
<b>Wheel Loaders</b>				
1997-76 L-600, L-800, L-1000, L-1000B, L-1100	650	4D(2,4)	153-5700	9X-9720
1998-78 L-1200, L-1400, L-1800	900	8D(4)	153-5720	101-4000
<b>LETOURNEAU-WESTINGHOUSE</b>				
<i>See also "WESTINGHOUSE AIR BRAKE"</i>				
<b>Coal Haulers</b>				
1964-59 CFA4, LW-90	325	60	—	—
1967-63 CFA-2, -11, -12	500	30H	3T-5760	115-2422
<b>Dump Trucks</b>				
1966-63 BFA-3, BFL-3, CFA-5, -10	500	30H	3T-5760	115-2422
1967-60 CFA-3, CFF-3, CFA5, -10 (1967), LW-22, -27, -32	950	8D(1,2)	153-5720	101-4000
1965-63 CFA-8, -9: w/ Air start	500	30H	3T-5760	115-2422
w/ Electro-start	950	8D(2)	153-5720	101-4000
1962-60 LW-60	325	60	—	—
<b>Motor Graders</b>				
1968-63 666T: w/ Cummins engine	900	7D(2)	8C-3635	8T-9731
1971-63 All other models	800	4(2,4)	8C-3633	8T-9733
<b>Push Pack C500</b>				
1967-63 All models	950	8D(1,2)	153-5720	101-4000
<b>Speedpulls &amp; Tournapulls</b>				
1967-47 All models	950	8D(1,2)	153-5720	101-4000
Optional	550	1(4)	8C-3617	8T-9734
<b>Tournatractors</b>				
1967-53 C, CW	550	1(4,8)	8C-3617	8T-9734
<b>LIEBHERR-AMERICA, INC.</b>				
<b>Excavators</b>				
1983-77 A/R 902, -912, -922, -932, -942, R982, 991	840	4D(2)	153-5700	9X-9720

**PROPOSITION 65 WARNING:** Battery posts, terminals and related accessories contain lead and lead compounds, chemicals known to the state of California to cause cancer and reproductive harm. **Wash hands after handling.**





# INDUSTRIAL EQUIPMENT

## LINCOLN ELECTRIC CO. — LITTLE GIANT CRANE & SHOVEL, INC.

**IMPORTANT NOTE: BATTERIES CAN EXPLODE! Always wear safety glasses AND shield eyes when working around batteries.**

**Always check for proper polarity and sufficient terminal clearance BEFORE final installation to avoid dangerous sparks, potential explosion, possible severe personal injury and/or expensive electrical system and/or vehicle/equipment damage. Always check for proper polarity and sufficient clearances before connecting cables and closing hood or covers.**

MAKE EQUIPMENT TYPE YEAR/MODEL	CCA @ 0°F	O.E. BCI NO.	REPLACEMENT	
			OPTION 1	OPTION 2
<b>LINCOLN ELECTRIC CO.</b>				
<b>Electric Arc Welders</b>				
1980-62 AC-225/5AS	280	53	---	---
1995-62 DC-225/3AS, AC150, Weldmanpower 150, AC/DC	220	U1(1,2)	8C-3636	---
1993-52 SA-200, SAF-300, SAE-300, -400	340	24	153-5656	3T-5857
Optional	630	2(2)	153-5690	8C-3629
1993-76 SA-250	650	24	153-5656	3T-5857
1984-81 SAE-300, SAE-350	380	30H	3T-5760	115-2422
1993-80 SAE-400	600	24(1,2)	153-5656	3T-5857
1985-80 Optional	380	30H	3T-5760	115-2422
1989-64 SAM-400	280	24	153-5656	3T-5857
1985-80 SAM-400	380	30H	3T-5760	115-2422
1993-70 SAM-400, SAM-600	655	4	8C-3633	8T-9733
1975-66 SAE-600	300	29NF	3T-5858 π	9X-1382 π
1965-61 SAE-600	335	32N	---	---
1993-87 B & S G7, Onan G7, G9 Pro	235	U1	8C-3636	---
1993-83 Perkins 3.09 D10, Pro, Deutz 350 Amp Diesel	600	24	153-5656	3T-5857
1993-86 Weldmanpower 225 AC/210 DC, 250 AC/DC	600	24	153-5656	3T-5857
1995-80 Ranger 8, 9	235	U1	8C-3636	---
<b>P.K. LINDSAY CO., INC.</b>				
<b>Portable Air Compressors</b>				
1998-63 25, 33, 40, 40H, 55, 55H, 80, 80H	370	24	153-5656	3T-5857
1967-66 25	225	22F	3T-5859	9X-1384
2000-95 30KE, 55RK	445	26/70	8C-3600	145-4517
1962-52 33, 55, 80	550	2E	8C-3632 Δ	---
1998-89 80NC, 80WC	370	24	153-5656	3T-5857
1998-91 80KC	600	30H	3T-5760	115-2422
1953 55	400	2L	153-5690 =	8C-3629
1991-64 125, 125Q, 150, 150Q	455	30H	3T-5760	115-2422
1998-94 125QD, 185QD	600	30H	3T-5760	115-2422
1991-80 80D	760	4D	153-5700	9X-9720
Optional	600	30H	3T-5760	115-2422
2000-80 80KC, 80KUB, 125QD, 160QD standard	600	30H	3T-5760	115-2422
2000-89 80NC, 80WC	370	24	153-5656	3T-5857
1991-71 160QD w/ cold start, 175, 175QD w/ cold start	470	30H(2)	3T-5760	115-2422
2000-84 175QD standard, 185QD	600	30H	3T-5760	115-2422
<b>LINK BELT</b>				
See "FMC-CABLE CRANE & EXCAVATOR DIV."				
<b>LIPPMANN-MILWAUKEE, INC.</b>				
<b>Crushing Equipment</b>				
<b>All Portable Equipment:</b>				
1990-87 Diesel 24-volt	1100	8D(2)	153-5720	101-4000
1987-78 Thru 8-cyl., 12- & 16-cyl. (Require 4 batts.)	640	4D(2,4)	153-5700	9X-9720
<b>LISTER PETTER, INC.</b>				
<b>Formerly "LISTER DIESEL, INC." &amp; "WITTE ENGINES CORPORATION"</b>				
<b>Natural Gas Power Plants</b>				
1991-82 HR2G	360	27	153-5656	8C-3601
Optional	490	30H	3T-5760	115-2422
1991-80 HR3G	490	30H	3T-5760	115-2422
Optional	635	4D	153-5700	9X-9720

MAKE EQUIPMENT TYPE YEAR/MODEL	CCA @ 0°F	O.E. BCI NO.	REPLACEMENT	
			OPTION 1	OPTION 2
<b>Power Units and Generator Plants</b>				
1964-54 100, 120	455	2B	153-5700	9X-9720
1967-65 Standard	340	24	153-5656	3T-5857
Heavy-Duty	790	4D	153-5700	9X-9720
<b>Stationary &amp; Portable Power Plants</b>				
1999-75 AA1, AC1, -2, AD1, -2, LPA, -LPW-, LPWS2/3/4	280	24F	3T-5858	9X-1382
Optional	360	27	153-5656	8C-3601
1999-94 CD6, CDT6	950	NA	---	---
1999-94 CDT4, CD4	735	NA	---	---
1999-86 CRK3(Optional 4D @ 635)	570	30H	3T-5760	115-2422
1995-86 CR3, CRK3, HL3, HR3	490	30H	3T-5760	115-2422
Optional	635	4D	153-5700	9X-9720
1993-68 CS4, CS6, CST6, HL4, HL6, HLT6, HR4, HR6, HS6	635	4D(1,2)	153-5700	9X-9720
1991-68 HR2	360	27	153-5656	8C-3601
Optional	490	30H	3T-5760	115-2422
Optional	635	4D	153-5700	9X-9720
1987-70 JA6, JAS6	750	6D(1,2)	153-5700	9X-9720
1998-88 LPA 2/3	650	24F	3T-5858	9X-1382
Optional	550	27	153-5656	8C-3601
1999-88 LPW 2/3/4, LPWS 2/3/4	700	24F	3T-5858	9X-1382
Optional	550	27	153-5656	8C-3601
1999-75 LT1, LT2, LV1, LV2, PH1/2, PH1/2W, P600/1/2/3	280	24F	3T-5858	9X-1382
Optional	360	27	153-5656	8C-3601
1986-75 PJ3/4	360	27	153-5656	8C-3601
Optional	490	30H	3T-5760	115-2422
1997-72 ST1, ST2, ST3, TL2/3, TR1/2/3	280	24F	3T-5858	9X-1382
Optional	360	27	153-5656	8C-3601
1999-85 TR1	550	24F	3T-5858	9X-1382
1999-83 TR2/3, TS2/3, TX2/3 (Best fit estimate)	850	24F	127-0824	---
Optional	700	27	153-5656	8C-3601
1999-85 TS1	650	24F	3T-5858	9X-1382
<b>LITTLEFORD BROS.</b>				
<b>Asphalt Plants &amp; Brooms</b>				
1967-56 All models	525	24	153-5656	3T-5857
<b>Compactors</b>				
1965-63 SE-50	950	8D	153-5720	101-4000
<b>Distributors, Pressure &amp; Maintenance</b>				
1967-58 All models	525	24	153-5656	3T-5857
<b>Pavers &amp; Rollers</b>				
1967-58 Model BPF, 308A	525	24	153-5656	3T-5857
1967-58 125, 125V	220	22F	3T-5859	9X-1384
1967-58 160	525	1	8C-3617	8T-9734
1967-58 All other models	525	24	153-5656	3T-5857
Optional	375	27	153-5656	8C-3601
<b>Patchers &amp; Vibrators</b>				
1967-54 700, D-54V	525	24	153-5656	3T-5857
<b>LITTLE GIANT CRANE &amp; SHOVEL, INC.</b>				
<b>Cranes, Shovels &amp; Backhoes</b>				
1990-60 L Combo 12, 32, 48	380	30H	3T-5760	115-2422
1993-66 C-64, 18TRT, 32, 32R, C-32, SP-32	805	4D	153-5700	9X-9720
1993-65 48R, SP-48, C-48, 16 (Bullet) GM	805	4D	153-5700	9X-9720
1990-75 w/ Ford engine	380	30H	3T-5760	115-2422

**PROPOSITION 65 WARNING:** Battery posts, terminals and related accessories contain lead and lead compounds, chemicals known to the state of California to cause cancer and reproductive harm. **Wash hands after handling.**

**LITTLE GIANT CRANE & SHOVEL, INC. — MANITOWOC CRANES, INC.**

**IMPORTANT NOTE: BATTERIES CAN EXPLODE! Always wear safety glasses AND shield eyes when working around batteries. Always check for proper polarity and sufficient terminal clearance BEFORE final installation to avoid dangerous sparks, potential explosion, possible severe personal injury and/or expensive electrical system and/or vehicle/equipment damage. Always check for proper polarity and sufficient clearances before connecting cables and closing hood or covers.**

MAKE EQUIPMENT TYPE YEAR/MODEL	CCA @ 0°F	O.E. BCI NO.	REPLACEMENT	
			OPTION 1	OPTION 2
<b>Cranes, Shovels, Backhoes (continued)</b>				
1993-68 Combo 48 (Bull of the Woods), 8, 10, 34TX, 34TXR, 32	805	4D	153-5700	9X-9720
1993-65 Workcrane SPR-48, SPR-64, 32, 48 Crane Carrier	1170	8D	153-5720	101-4000
1993-76 18TRT, 64, C-64, Tele Max 90	805	4D	153-5700	9X-9720
1993-85 64 Carrier, 7.5MT	1170	8D	153-5720	101-4000
<b>Early models not shown above</b>				
1971-46 All models	380	30H	3T-5760	115-2422
<b>LOG HOG MANUFACTURING, INC.</b>				
<i>Formerly "DUNHAM MFG. CO., INC."</i>				
<b>Knuckle Boom Log Loaders</b>				
1992-77 All models	760	4DLT	153-5700 Δ	8C-3622
<b>Skidding Tractors</b>				
1977-74 PH-97	280	24(2)	153-5656	3T-5857
1977-74 S-97D, PS-130, S-130D	635	4D(1,2)	153-5700	8C-3622
1979-66 440, 441, 500, 501, 515	760	4DLT	153-5700 Δ	8C-3622
1979-75 531	545	30H	3T-5760	115-2422
1989-77 546, 660, 760, 760-4WD, XTR50, -60, -70	760	4DLT	153-5700 Δ	8C-3622
<b>LONGYEAR CO.</b>				
<b>Drills &amp; Pumps</b>				
1986-62 24; 320, 335, 520, 535, 835	520	30H	3T-5760	115-2422
1986-62 34	450	27	153-5656	8C-3601
1986-62 38, 44, HC-150, Hydro 44	850	4D	153-5700	9X-9720
1986-80 Hydra-Core 28	450	24	153-5656	3T-5857
<b>LTV ENERGY PRODUCTS CO.</b>				
<i>See "SKAGIT PRODUCTS"</i>				
<b>LULL CORPORATION</b>				
<b>DynaLugger Pole Handling Unit</b>				
1975-64 Chrysler	700	4D	153-5700	9X-9720
1981-75 4-71	900	8D	153-5720	101-4000
<b>High Lift Fork Loaders</b>				
1992-91 Falcon 600	925	31(1,2)	175-4390	—
1983-64 7C1, 7C2, 4D3, 4D4, 4D4B; 400, 4D4: Gas	370	60	—	—
1971-65 4WD Loader	700	4D	153-5700	9X-9720
1983-80 422: Diesel	590	2(2)	153-5690	8C-3629
Gas	370	60	—	—
1994-86 522: Diesel (12 volt)	925	31	175-4390	—
1991-86 522, 544, 622, 622B: Diesel (6 volt)	940	4(2)	8C-3633	—
1981-76 544, 644, 844: Gas	355	24	153-5656	3T-5857
1988-79 544, 622, 644: Diesel	590	2(2)	153-5690	8C-3629
1993-92 622B, 644: Diesel	925	31	175-4390	—
1992-85 644: Diesel, 824, 824B, 1044B: Diesel Turbo	940	4(2)	8C-3633	—
1993-89 824B, 844B: Diesel Turbo	925	31(1,2)	175-4390	—
1991-75 844, 1044: Diesel, 1522: Diesel Turbo	940	4(2)	8C-3633	—
1987-84 844: Diesel	590	2(2)	153-5690	8C-3629
1993-92 1522: Diesel Turbo	925	31	175-4390	—
1983-81 2094	1000	8D	153-5720	101-4000

MAKE EQUIPMENT TYPE YEAR/MODEL	CCA @ 0°F	O.E. BCI NO.	REPLACEMENT	
			OPTION 1	OPTION 2
<b>10 Ton Pipe &amp; Log Loader</b>				
1975-66 Chrysler engine	700	4D	153-5700	9X-9720
1990-72 4-71, 2044: Diesel	1000	8D	153-5720	101-4000
1996-91 2044B: Diesel	925	31(2)	175-4390	—
<b>15 Ton Pipe Handler</b>				
1996-89 3044: Diesel	925	31(2)	175-4390	—
1996-95 644B, 844C	625	31(1,2)	175-4370	175-4390
<b>Early Models</b>				
1967-64 All models	235	60	—	—
<b>MACHINERY DISTRIBUTION, INC.</b>				
<b>MITSUBISHI HEAVY INDUSTRIES</b>				
<b>Excavators</b>				
1987-81 MS120-2, 8, MS180-3, MS180LC-8, MS240LC-8	830	4D(2)	153-5700	9X-9720
1987-81 MS230LC-3, -280-2, -300LC-8, -380-2	980	8D(2)	153-5720	101-4000
1987-81 MS450-8, MS580, MS1600	980	8D(2,4)	153-5720	101-4000
<b>Fork Lifts</b>				
20, 25, 30, 35, 50, 500	500	24(1,2)	153-5656	3T-5857
<b>Motor Graders &amp; Wheel Loaders</b>				
<i>(Best fit estimate)</i>				
1987-80 MG100, MG150	360	30H(2)	3T-5760	115-2422
1987-79 MG300, MG400, MG500	550	4D(2)	153-5700	9X-9720
1987-85 WS200A	340	27	153-5656	8C-3601
1987-81 WS400, WS500	300	45(2)	—	—
<b>MANITOWOC CRANES, INC.</b>				
<i>Formerly "MANITOWOC ENGINEERING CO." See also "BAY CITY-MANITOWOC"</i>				
<b>Crawler Cranes</b>				
1992-85 M-50W, M-65W, M-80W, M-85W	1100	8D	153-5720	101-4000
1992-89 Optional	950	31(2)	175-4390	—
1992-91 M-85W	950	31(2,3)	175-4390	—
1995-92 M-85W, M-250, M-1200R	1100	8D(1,2)	153-5720	101-4000
2000-95 777, 888, 888r, 2100, 2250	1100	8D(2)	153-5720	101-4000
1995-73 2900WC, 3000W, 3600, 3900	1100	8D(2)	153-5720	101-4000
1995-62 3900W, 4000W, 4100W, 4600-Series 1, 3, & 4	1100	8D(2)	153-5720	101-4000
1995-75 6000W, 6400W, 7000W	1100	8D(2)	153-5720	101-4000
1995-75 Machines w/ Air Start: 4600 Series 4 w/ Cat. 379 eng. & moveable pilot house	1100	8D(2)	153-5720	101-4000
1995-75 All others	350	29NF(2)	3T-5858 π	9X-1382 π
1972-58 2000-B, 2300, 3000, 3000-A, -B, 3100, 3400, 3500, 3600, 3900, 4000, 4100	935	8D(2)	153-5720	101-4000
1972-52 1600; 4500; Cummins VT-2	545	2	153-5690	8C-3629
Most other engines	935	8D(1,2)	153-5720	101-4000
<b>Hoist Cranes</b>				
1995-67 36' & 60' Platform Ringer, 290, 390, 560	1100	8D(2)	153-5720	101-4000
1992-66 Air Start for all	350	29NF(2)	3T-5858 π	9X-1382 π

**PROPOSITION 65 WARNING:** Battery posts, terminals and related accessories contain lead and lead compounds, chemicals known to the state of California to cause cancer and reproductive harm. **Wash hands after handling.**

Refer to page 57 for explanation of Industrial Equipment replacement footnotes.



# INDUSTRIAL EQUIPMENT

## MANITOWOC CRANES, INC. — MELROE COMPANY

**IMPORTANT NOTE: BATTERIES CAN EXPLODE!** Always wear safety glasses AND shield eyes when working around batteries. Always check for proper polarity and sufficient terminal clearance BEFORE final installation to avoid dangerous sparks, potential explosion, possible severe personal injury and/or expensive electrical system and/or vehicle/equipment damage. Always check for proper polarity and sufficient clearances before connecting cables and closing hood or covers.

MAKE EQUIPMENT TYPE YEAR/MODEL	CCA @ 0°F	O.E. BCI NO.	REPLACEMENT	
			OPTION 1	OPTION 2
<b>Trucks Cranes/Carriers</b>				
1972-76 2800, 2900: w/ Cummins engine	545	2(2,4)	153-5690	8C-3629
All other engines	935	8D(1,2)	153-5720	101-4000
1992-64 2900T, 3900T: Crane or Carrier	1100	8D(2)	153-5720	101-4000
1991-85 M80W, M100T: Crane or Carrier	1100	8D(2)	153-5720	101-4000
2000-92 M250T, 777T Crane or Carrier	1100	8D(2)	153-5720	101-4000
<b>MARATHON LETOURNEAU CO.</b>				
See Letourneau Co.				
<b>Haul Truck</b>				
1991-85 Titan 33-15C, 33-15D, T-2000, T-2240	900	8D(2,4)	153-5720	101-4000
<b>Log Stackers &amp; Wheel Dozers</b>				
1991-66 2594, -SS, 2694, -SS, 2794, 5594, 6594, D-800	650	4D(2,4)	153-5700	9X-9720
<b>Wheel Loaders</b>				
1988-78 L-600, L-800 (Requires 4 batts.)	650	4D(2,4)	153-5700	9X-9720
1991-82 L-1000, L-1000B, L-1100	650	4D(4)	153-5700	9X-9720
1991-78 L-1200, L-1400	900	8D(4)	153-5720	101-4000
<b>MARINE INDUSTRIES, INC.</b>				
See "MAXON"				
<b>MARION</b>				
<b>Air Compressors</b>				
1967-64 183M	375	24	153-5656	3T-5857
<b>Excavators &amp; Power Shovels</b>				
1967-58 43M: All engines except below	950	8D(1,2)	153-5720	101-4000
w/ Cat. D318 ('59-58)	525	2	153-5690	8C-3629
w/ Cat. D318 ('67-60)	525	1	8C-3617	8T-9734
1967-62 65M-75M	950	8D(1,2)	153-5720	101-4000
1965-52 83M: w/ Buda, Cat. D-375 engine	525	1	8C-3617	8T-9734
w/ Buda 6DC-1879, 6DCB-1742 ('59-52)	525	2	153-5690	8C-3629
w/ Cat. D337F, DD Twin 6-71 engines	950	8D(1,2)	153-5720	101-4000
w/ Cat. D353 engine	375	24	153-5656	3T-5857
w/ Cummins V-12525, VT-1200	900	7D(5)	8C-3635	8T-9731
w/ other Cummins	950	8D(2)	153-5720	101-4000
1967-58 362, 372: All engines ex. below	950	8D(1,2)	153-5720	101-4000
w/ Cat. D-13000 engine	525	2	153-5690	8C-3629
<b>MASSEY-FERGUSON INDUSTRIES, LTD.</b>				
See Farm Equipment section				
<b>Combines, Corn Pickers, Forage Clippers</b>				
1965-62 35, 72-PI, -SP, 82-SP	520	1	8C-3617	8T-9734
1967-63 92 Super, 205, 300, 410, 510: Gas	290	24	153-5656	3T-5857
Diesel	520	30H	3T-5760	115-2422
<b>Crawler Tractors</b>				
1968-65 MF-2244	545	30H	3T-5760	115-2422

MAKE EQUIPMENT TYPE YEAR/MODEL	CCA @ 0°F	O.E. BCI NO.	REPLACEMENT	
			OPTION 1	OPTION 2
<b>Industrial Wheel Tractors</b>				
1982-76 MF-20C, MF-30B	470	24	153-5656	3T-5857
Optional	545	30H	3T-5760	115-2422
1982-76 MF-40B	545	30H	3T-5760	115-2422
Optional	580	27	153-5656	8C-3601
1982-76 MF-50C	775	4D	153-5700	9X-9720
Optional	470	24(2)	153-5656	3T-5857
1981-78 MF-60	525	24(2)	153-5656	3T-5857
<b>Shovel Loaders</b>				
1961-59 1001	375	3EE	8C-3620	—
1962 MF-365: Gas	265	24	153-5656	3T-5857
1963-62 MF-365: Gas, Diesel	475	30H	3T-5760	115-2422
1974-64 470: Gas	580	30H	3T-5760	115-2422
Diesel	775	4D	153-5700	9X-9720
<b>Swathers &amp; Windrowers</b>				
1967-63 34, 44	500	1	8C-3617	8T-9734
<b>MASTER CONSOLIDATED CORP.</b>				
<b>Riding Trowels</b>				
1985-74 RF3B3, RF2B4	220	U1	8C-3636	—
<b>MAXON</b>				
<b>MARINE INDUSTRIES, INC.</b>				
<b>Concrete Spreaders</b>				
1974-58 DS-1, -2, 20-C, -D, -S: Cont., Ford	375	24	153-5656	3T-5857
GM	790	4D	153-5700	9X-9720
<b>MELROE COMPANY</b>				
Formerly "CLARK EQUIPMENT CO." "INGERSOLL-RAND"				
<b>Bobcat Feller Buncher</b>				
1986-79 1080, 1080C	410	27(2)	153-5656	8C-3601
1986-85 1213	700	31SAE	3T-5760	115-2422
<b>Bobcat Loaders</b>				
2000-99 751, 753, 763, 773, 863, 864, 873, 963	600	24	153-5656	3T-5857
2000-95 450: Gas, 453: Diesel, 553: Diesel, 751	530	24	153-5656	3T-5857
1998-90 753, 763, 773	625	31SAE	3T-5760	115-2422
1997-95 863, 873, 953	950	31SAE	115-2422	115-2421
2000-76 310, 313, 440, 440B: Gas, 443: Diesel	370	24	153-5656	3T-5857
1994-76 530, 533, 540, 542B: Gas, 543: Diesel	370	24	153-5656	3T-5857
1981-72 610	370	24	153-5656	3T-5857
1981-77 632, 630	410	27	153-5656	8C-3601
Optional	370	24	153-5656	3T-5857
1993-81 631, 641	600	31SAE	3T-5760	115-2422
1993-81 642, 642B: Gas	410	27	153-5656	8C-3601
1994-81 643	625	31SAE	3T-5760	115-2422
1980-78 730, 732	370	24	153-5656	3T-5857
Optional	410	27	153-5656	8C-3601
1994-80 731, 741, 743, 743B, 753	600	31SAE	3T-5760	115-2422
1995-72 742, 742B: Gas, 825	410	27	153-5656	8C-3601
1993-84 843: Diesel	700	31SAE	3T-5760	115-2422
1985-81 843: Diesel	370	24(2)	153-5656	3T-5857
1998-90 843B, 853, 863, 864, 873	700	31SAE	3T-5760	115-2422
1994-83 943, 974, 975, 980, 2400: Diesel, 1600	1000	31SAE	115-2422	115-2421

**PROPOSITION 65 WARNING:** Battery posts, terminals and related accessories contain lead and lead compounds, chemicals known to the state of California to cause cancer and reproductive harm. **Wash hands after handling.**

# INDUSTRIAL EQUIPMENT

## MELROE COMPANY — NATIONAL OILWELL

BATTERY SAFETY

CATERPILLAR EQUIP.

INDUSTRIAL EQUIPMENT

FARM EQUIPMENT

TRUCKS & BUSES

AUTO & LTV

L & G / SMALL ENGINE

REFERENCE

**IMPORTANT NOTE: BATTERIES CAN EXPLODE!** Always wear safety glasses AND shield eyes when working around batteries. Always check for proper polarity and sufficient terminal clearance BEFORE final installation to avoid dangerous sparks, potential explosion, possible severe personal injury and/or expensive electrical system and/or vehicle/equipment damage. Always check for proper polarity and sufficient clearances before connecting cables and closing hood or covers.

MAKE EQUIPMENT TYPE YEAR/MODEL	CCA @ 0°F	O.E. BCI NO.	REPLACEMENT	
			OPTION 1	OPTION 2
<b>Bobcat Loaders (continued)</b>				
1986-84 974, 975: Diesel	435	27(2)	153-5656	8C-3601
1986-74 974, 975: Diesel	410	27(2)	153-5656	8C-3601
1986-81 2000	370	24(2)	153-5656	3T-5857
1995-91 7753: Diesel	625	31SAE	3T-5760	115-2422
<b>Early Models</b>				
1972-71 CCK, K662 ('66-72), Deutz, Wisc.	400	60	—	—
1970-60 CCK, K662 ('60-65)	290	53	—	—
1975-66 All "M" Series models	410	27(1,2)	153-5656	8C-3601
<b>Bobcat Trenchers</b>				
1992-89 3022: Gas, 3023: Diesel	625	31SAE	3T-5760	115-2422
1992-87 T116: Gas, T116D Diesel	380	55	8C-3611	—
1992-87 T135: Gas, T136: Diesel	405	70	156-5660 Ω	7X-6100
<b>MIDMARK CORP.</b>				
<b>Trenchers</b>				
1984-79 140	380	55	8C-3611	—
1984-72 200, 201, 202, 220, 300, -A, 321, 400, -A, 401A	350	71	156-5660 Ω	7X-6100
1984-82 440	625	31	175-4370	175-4390
<b>MINI-EXCAVATOR</b>				
2000-93 320, 322, 325, 328, 331, 337: Diesel	500	26	8C-3600	145-4517
<b>MINNEAPOLIS-MOLINE</b>				
<i>Additional equipment listed in the Farm Equipment section.</i>				
<b>Balers &amp; Combines</b>				
1963-60 G12	315	60	—	—
1965-62 2890, 3490, 3496, 4290, 4292, 4296 Diesel	315 790	24 44(2)	153-5656	3T-5857
<b>Crawler Tractors</b>				
1962-60 W-10, W-12: Diesel	500	30H(2)	3T-5760	115-2422
<b>Lift Trucks</b>				
1971-63 MA-20 thru MA-60, MSA-20 thru MSA-35	400	24	153-5656	3T-5857
1971-66 MSB-20 thru MSB-35	300	22F	3T-5859	9X-1384
1971-60 MY-40, -50, -60, -70: Gas	375	29NF	3T-5858 π	9X-1382 π
1971-68 MY-40, -50: Diesel	500	30H(2)	3T-5760	115-2422
1971-67 MY-60: Diesel, WC-20 thru WC-60	400	24(1,2)	153-5656	3T-5857
<b>MITSUBISHI HEAVY INDUSTRIES</b>				
<b>See "MACHINERY DISTRIBUTION, INC."</b>				
<b>MOBILE DRILLING CO., INC.</b>				
<b>Earth Drills</b>				
1967-62 B-30, -38, -40M, -40L	475	1	8C-3617	8T-9734
1995-62 B31, B34, B-40L, B-47, B53, B-57, B-61, B-80	460	27	153-5656	8C-3601
1991-68 All Diesel models	760	4D(1,2)	153-5700	9X-9720
<b>Early Models</b>				
1976-62 Strokemaster, B-40H, -61, B-50, B-56	340	24	153-5656	3T-5857
1973-62 B-30, -38, -40M, -40L	450	1	8C-3617	8T-9734

MAKE EQUIPMENT TYPE YEAR/MODEL	CCA @ 0°F	O.E. BCI NO.	REPLACEMENT	
			OPTION 1	OPTION 2
<b>MOODY NORTHWEST CO.</b>				
<b>Mounted Machines</b>				
1980-76 6	750	4D(1,2)	153-5700	9X-9720
1978-76 28D: DD 4-71N, CAT., Murphy	750	4D(2)	153-5700	9X-9720
1979-76 30DH, 35DH:				
DD 6V-71N	750	4D	153-5700	9X-9720
CAT., Murphy	750	4D(2)	153-5700	9X-9720
1981-76 41: CAT. D-3304	750	4D(2)	153-5700	9X-9720
1981-76 DD4-71N	750	4D	153-5700	9X-9720
1981-77 DD 6V-71N	750	4D	153-5700	9X-9720
1978-76 Murphy 12, 452	750	4D(1,2)	153-5700	9X-9720
1981-78 CAT. 3306NA, 3306T	750	4D(2)	153-5700	9X-9720
1995-76 45DH, 50 Series, 55 Series, 60HT, 65, 70D, 70HT, 80D, 95	750	4D(2)	153-5700	9X-9720
1983-77 100DH	750	4D(4)	153-5700	9X-9720
1995-76 180D, 190D	750	4D(2)	153-5700	9X-9720
1995-76 8070, 9570, 1200C	750	4D(2)	153-5700	9X-9720
<b>M-R-S</b>				
<b>See Farm Equipment section</b>				
<b>MURPHY</b>				
<b>Diesel Engines</b>				
1973-58 All	1000	4D	153-5700	9X-9720
<b>MWM DIESEL INC.</b>				
<b>Formerly "MWM-MURPHY DIESEL CO."</b>				
<b>Diesel Engines</b>				
1988-66 MP, AD Series, 232 Series, D234	640	4D(2)	153-5700	9X-9720
1988-83 D202-2, D302-1, D302-2	360	60	—	—
1988-83 D202-3, D302-3, D327-2, D226-2	400	30H	3T-5760	115-2422
1984 D234	835	7D	8C-3635	8T-9731
1988-84 TBD234, D327-6, D226-6, TD226-6	810	4(2)	8C-3633	8T-9733
1988-83 D327-3, D327-4, D226-3, D226-4, T D226-4	475	31	175-4370	—
<b>NAMCO</b>				
<b>Fork Lift Trucks</b>				
1986-66 SLC-2015G, SLC-2020G, -2525, SPLC-2524	225	24	153-5656	3T-5857
1990-85 G-2000, G-2500, L-2000, L-2500	230	U1	8C-3636	—
1975-62 All models	225	24	153-5656	3T-5857
<b>Tow Tractors</b>				
1986-62 All models	225	24	153-5656	3T-5857
<b>NAPCO</b>				
<b>Loaders</b>				
1969-58 42 thru 44PG	375	60	—	—
1969-64 42 thru 44PDD	900	4(2)	8C-3633	—
<b>NATIONAL OILWELL</b>				
<b>Formerly "OILWELL"</b>				
<b>Power Units</b>				
<b>Single Cylinder Diesel:</b>				
1975-47 BD, CD	370	24	153-5656	3T-5857

**PROPOSITION 65 WARNING:** Battery posts, terminals and related accessories contain lead and lead compounds, chemicals known to the state of California to cause cancer and reproductive harm. **Wash hands after handling.**



# INDUSTRIAL EQUIPMENT

## NATIONAL OILWELL — ORTON CRANE & SHOVEL CO.

**IMPORTANT NOTE: BATTERIES CAN EXPLODE!** Always wear safety glasses AND shield eyes when working around batteries.

Always check for proper polarity and sufficient terminal clearance BEFORE final installation to avoid dangerous sparks, potential explosion, possible severe personal injury and/or expensive electrical system and/or vehicle/equipment damage. Always check for proper polarity and sufficient clearances before connecting cables and closing hood or covers.

MAKE EQUIPMENT TYPE YEAR/MODEL	CCA @ 0°F	O.E. BCI NO.	REPLACEMENT	
			OPTION 1	OPTION 2
<b>Power Units (continued)</b>				
<b>Single Cylinder Gas:</b>				
1990-46 B, C, C-15, -19, B-12, E-15, -20, 98	435	24	153-5656	3T-5857
1967-57 Optional	380	27	153-5656	8C-3601
1990-58 F-28, -32, -42	760	4D	153-5700	9X-9720
<b>Two Cylinder Gas:</b>				
1971-65 F-70, F-90	760	4D	153-5700	9X-9720
<b>NAVISTAR INTERNATIONAL TRANSPORTATION CORP.</b>				
<b>Construction Trucks</b>				
1998-77 All Models	650	31(2,3)	175-4370	175-4390
<b>NELSON, N.P.</b>				
<b>Tractor-Shovels</b>				
1968-65 350D, 400 w/ DD 6-71 engine	950	8D(2)	153-5720	101-4000
1968-58 200, 150	625	2(2)	153-5690	8C-3629
1968-58 200D, 250D: w/ Cummins engine	800	4D(2)	153-5700	9X-9720
1968-58 200D, 150D: w/ DD, GM engine	950	8D	153-5720	101-4000
<b>NEW HOLLAND</b>				
See "FORD-NEW HOLLAND"				
<b>NORTH AMERICAN MFG. CO.</b>				
<b>Fork Lift Trucks &amp; Tow Tractors</b>				
1970-62 All models	300	24	153-5656	3T-5857
<b>NORTHWEST ENGINEERING CO.</b>				
<b>Crawler Mounted Machines</b>				
1980-46 6, 25, 25D: All except below Optional	750	4D(1,2)	153-5700	9X-9720
1979-75 28D, 30DH, 35DH	600	2	153-5690	8C-3629
1981-54 41: All except Cat. D-339 engine	750	4D(1,2)	153-5700	9X-9720
1962-54 Cat. D-339	600	2	153-5690	8C-3629
1985-67 45DH, 50 Series, 55 Series, 65	750	4D(2)	153-5700	9X-9720
1985-62 70D, 80D, 95, 180D, 190D, 8070, 9570	750	4D(1,2)	153-5700	9X-9720
1985-76 60HT, 70HT, 100DH, 1200C	750	4D(2,4)	153-5700	9X-9720
<b>NORTON COMPANY</b>				
See "CLIPPER"				
<b>OILWELL</b>				
See "NATIONAL OILWELL"				
<b>OLIVER</b>				
See also "WHITE-OLIVER"				
Additional equipment listed in the Farm Equipment section.				
<b>Crawler Tractors</b>				
1965-44 AG-6, AG-6H, OC-4: 3cyl & Diesel	600	2(1,2)	153-5690	8C-3629
1962-39 DD, DG, OC-9, -96: Diesel, OC-15	800	4D(1,2)	153-5700	9X-9720
1965-45 FDE, OC-9, -96: Diesel, OC-18	900	8D(1,2)	153-5720	101-4000
1960-51 OC-3 All, OC-4 4-cyl. eng., OC-6	500	1(1,2)	8C-3617	8T-9734
1961-55 OC-12: Gas Diesel	850	7D	8C-3635	8T-9731
	950	8D	153-5720	101-4000

MAKE EQUIPMENT TYPE YEAR/MODEL	CCA @ 0°F	O.E. BCI NO.	REPLACEMENT	
			OPTION 1	OPTION 2
<b>Self-Propelled Combines</b>				
1967-61 All ex. below	315	24	153-5656	3T-5857
1966 535, 545: Diesel	790	4(2)	8C-3633	8T-9733
<b>ONAN</b>				
<b>D.W. ONAN</b>				
<b>Generator Sets</b>				
1985-58 AJ, AK: Unhoused	450	1(2)	8C-3617	8T-9734
1985-58 AJ, AK Housed, BF, BFA, BGA, BGAL, BGE, BGEL	360	60	—	—
1985-62 CCK: Unhoused Housed	360	60	—	—
1969-58 Early models	380	22F	3T-5859	9X-1384
1969-58 Early models	450	1(2)	8C-3617	8T-9734
1966-42 All	375	3EE	8C-3620	—
1985-45 CCKB, CK, CW, DJA, DJB, DJE, DJC	450	1(2)	8C-3617	8T-9734
1985-82 DL4, DL6, DL4B, DL6B, DL6TB	530	31	175-4370	175-4390
1983-49 DAY, DBY, DCV, DDA, DDB, DEF, DES, DEG, DEH, DKS	565	2(2)	153-5690	8C-3629
1985-59 DF models, all, DHB	975	8D(2,4)	153-5720	101-4000
1985-64 DJC, DTA, DSP ('64), DYA, DYJ	565	2(2)	153-5690	8C-3629
1985-84 DKC, DKD	380	22F	3T-5859	9X-1384
1975-60 DRN, DSL, DSP, MDSL, JA	450	1(2)	8C-3617	8T-9734
1985-84 DVA, DVB, DVC, DVD, DVE	700	31(2)	175-4370	175-4390
1966-59 DWF	1575	NA	—	—
1984-68 DYB, DYC, DYD, DYG, DYH (if used w/ transfer switch)	975	8D(2)	153-5720	101-4000
1982-59 DZB, DZC, DZO, KB, KR	360	3EE(1,2)	8C-3620	—
1965-62	630	2(2)	153-5690	8C-3629
1985-70 EK, EM	360	60	—	—
1985-60 EK, EM, EC, EF, EN, ENT	360	3EE(1,2)	8C-3620	—
1985-81 ES	325	29NF	3T-5858 π	9X-1382 π
1975-68 FT	935	8D(2)	153-5720	101-4000
1985-55 JC, 6JB, 705JB	360	60	—	—
1985-55 LK, LKB	450	1(2)	8C-3617	8T-9734
Optional ('61-58)	360	3EE	8C-3620	—
1981-62 MAJ, MJB, MJC, NB	450	1(2)	8C-3617	8T-9734
1985 MAJB	260	60	—	—
1985-62 MCCK, MDJA, MDJB, MDJE, MDJC, MJA, MJB, MJC	450	1(1,2)	8C-3617	8T-9734
1985-60 MDJC, MDJF, MDTA, MSDL	565	2(2)	153-5690	8C-3629
1985-84 MDKC, MDKD, SJB	325	29NF	3T-5858 π	9X-1382 π
1970-59 MDZB	360	3EE	8C-3620	—
1985-70 NH, NHE, NHEL, NHL, SK, SKB	360	60	—	—
1985-42 RJC, RDJC, RDJF, W2C, W2S, W3S	450	1(2)	8C-3617	8T-9734
<b>Early Models</b>				
1975-59 WA, WE	820	5D(2)	8C-3633	8T-9733
1975-62 WB, WC, WF, WK	935	8D(2)	153-5720	101-4000
1975-42 4JB, 5JB, 706JB, 10HC	450	1(1,2)	8C-3617	8T-9734
1975-63 6JB, 705JB, 10JC, 15JC	360	60	—	—
1975-58 10HC, -XRAY, 15HC, -HQ	380	30HR	3T-5760	115-2422
1975-58 35JJ, 50KA, 75HR	565	2(2)	153-5690	8C-3629
1964-57 10HC (& X-Ray), 15HC, -HQ	335	32N	—	—
1963 10-, 15JC: Unhoused	510	60	—	—
<b>ORTON CRANE &amp; SHOVEL CO.</b>				
<b>Locomotive and Wacker Cranes</b>				
1970-47 All models	900	8D(1,2)	153-5720	101-4000
Optional	900	7D(1,2)	8C-3635	8T-9731
<b>Cranes &amp; Excavators</b>				
1963-61 35M, 37M: w/ Cummins eng.	525	30H(2)	3T-5760	115-2422
All other engines	525	1(1,2)	8C-3617	8T-9734

**PROPOSITION 65 WARNING:** Battery posts, terminals and related accessories contain lead and lead compounds, chemicals known to the state of California to cause cancer and reproductive harm. **Wash hands after handling.**

BATTERY SAFETY  
CATERPILLAR EQUIP.  
INDUSTRIAL EQUIPMENT  
FARM EQUIPMENT  
TRUCKS & BUSES  
AUTO & LTV  
L & G / SMALL ENGINE  
REFERENCE



**IMPORTANT NOTE: BATTERIES CAN EXPLODE! Always wear safety glasses AND shield eyes when working around batteries. Always check for proper polarity and sufficient terminal clearance BEFORE final installation to avoid dangerous sparks, potential explosion, possible severe personal injury and/or expensive electrical system and/or vehicle/equipment damage. Always check for proper polarity and sufficient clearances before connecting cables and closing hood or covers.**

MAKE EQUIPMENT TYPE YEAR/MODEL	CCA @ 0°F	O.E. BCI NO.	REPLACEMENT	
			OPTION 1	OPTION 2
<b>OSGOOD-GENERAL</b>				
<i>Some may require special 6-volt assembly.</i>				
<b>Cranes &amp; Excavators</b>				
1963-57 35-M, 37-M: w/ Cummins J6BI eng.	500	30H(2)	3T-5760	115-2422
All other engines	525	1(1,2)	8C-3617	8T-9734
<b>OTTAWA STEEL PRODUCTS</b>				
<b>DAYBROOK-OTTAWA CORP., YOUNG OTTAWA, INC.</b>				
<b>Truck Tractors</b>				
1971-66 Commander 30: w/ Ford 361 engine	475	30H	3T-5760	115-2422
w/ Cummins V8-185	675	3(4)	153-5690	8C-3630
1963-59 Commando, Yard Hustler	325	24(2)	153-5656	3T-5857
1967-64 Commando, Yard Hustler	785	4(2)	8C-3633	8T-9733
Optional	445	30H	3T-5760	115-2422
1960-56 Marauder, TL-50, -60, -70	550	1	8C-3617	8T-9734
1971-65 Space Mixer: w/ Ford 361 engine	475	30H(1,2)	3T-5760	115-2422
Optional	790	4(2)	8C-3633	8T-9733
Model 240	325	24	153-5656	3T-5857
<b>Self-Propelled Hydra Hammers</b>				
1969-50 M-8, -11, H-10, Commando	325	24	153-5656	3T-5857
<b>OWATONNA MFG. CO., INC.</b>				
<i>Additional equipment listed in the Farm Equipment section.</i>				
<b>Industrial Loaders</b>				
1983-76 310 & 312 Gas	180	U1	8C-3636	—
1983-73 320, 345, 440, 441, 445: Gas	500	24	153-5656	3T-5857
1979-71 330 Series, 770: Gas	300	24	153-5656	3T-5857
1983-76 345, 440, 441, 445, 545, 770: Diesel	625	31	175-4370	175-4390
1983-71 440, 770, 880: Diesel	520	30H(1,2)	3T-5760	115-2422
1983-77 780, 1700 Series T/C	500	24(1,2)	153-5656	3T-5857
1980-76 Optional	625	31	175-4370	175-4390
1975-69 Optional	300	24	153-5656	3T-5857
1979-71 Optional	520	30H	3T-5760	115-2422
1979-68 1200, 1700 Series	300	24	153-5656	3T-5857
<b>PARSONS DIVISION</b>				
<b>KOEHRING PARSONS</b>				
<i>In the absence of a cranking performance specification supplied by the original equipment vehicle manufacturer, the ratings shown are based upon industry consensus.</i>				
<b>Dumpsters</b>				
1975-62 100-1A, 140-1A, -1860	900	8D(2)	153-5720	101-4000
<b>Trenchers &amp; Trenchmobiles</b>				
1976-72 75	410	24F	3T-5858	9X-1382
1975-68 600, 700, 736W, 155A, 255A, 355A	720	5D(2)	8C-3633	8T-9733
1970-52 88, -1B	450	1	8C-3617	8T-9734

MAKE EQUIPMENT TYPE YEAR/MODEL	CCA @ 0°F	O.E. BCI NO.	REPLACEMENT	
			OPTION 1	OPTION 2
<b>Trenchliners</b>				
1970-58 77-1A, 77-L	450	1	8C-3617	8T-9734
1967-65 724L	315	24	153-5656	3T-5857
1960-58 130-1A	720	5D	8C-3633	8T-9733
1975-62 131-1A, -W, 133-1A, -W	410	24	153-5656	3T-5857
1976-54 150-1A, -W, 155-A, -1A, -L, 170-1A, -W, 180, -W, 250, 255-A, -1A, -L, 355-A, -1A, -L	720	5D	8C-3633	8T-9733
1970-55 310, 410, 420: w/ Cat. D-318G engine	960	4D	153-5700	9X-9720
All other engines:	720	5D	8C-3633	8T-9733
<b>Vibratory Plows</b>				
1976-68 DP80, DP100	900	8D(2)	153-5720	101-4000
<b>PCM DIVISION</b>				
<b>See "KOEHRING-CONSTRUCTION EQUIPMENT DIVISION"</b>				
<b>PENNDRILL MFG. DIVISION</b>				
<b>Auger &amp; Core Drills</b>				
1975-65 Model B; H, JE	290	24	153-5656	3T-5857
1964-51 Model B; H, JE	550	1	8C-3617	8T-9734
<b>PETTIBONE CORPORATION</b>				
<b>PETTIBONE NEW YORK DIVISION</b>				
<b>Hydraulic Cranes</b>				
1984-83 16MKp, 20MKp, 25MKp, 30MKp, 36MKp, 40MKp	960	4D	153-5700	9X-9720
1984-83 80MKp, 36SCp, 40SCp, 45SCp, 60SCp, 80SCp, 100SCp	960	4D(2)	153-5700	9X-9720
1984-83 130SCp	975	8D(2)	153-5720	101-4000
<b>Multikranes</b>				
1971-63 15, 20, 25, 30: w/ Hercules eng.	525	30H	3T-5760	115-2422
w/ Cummins V-378 engine	900	4D(2)	153-5700	9X-9720
w/ all other engines	900	7D(2)	8C-3635	8T-9731
1962 25	400	27	153-5656	8C-3601
1971-70 30CM, 30SC, 70SC	900	4D(2)	153-5700	9X-9720
1971-65 40CM, 50CM, 70, 90SC	900	7D(2)	8C-3635	8T-9731
<b>Truckranes</b>				
1971-63 All models	540	30H	3T-5760	115-2422
<b>Road Graders</b>				
1971-58 All models	720	5D(2)	8C-3633	8T-9733
<b>PETTIBONE MICHIGAN DIVISION</b>				
<b>Cary-Lifts</b>				
1999-90 Super 8, 10, 15, 20, 25, 30, 40, 70	975	8D	153-5720	101-4000
<b>Coil Handler</b>				
1999-90 All Models	975	8D	153-5720	101-4000
<b>Cranes</b>				
1999-90 36MK, 40MK	975	8D	153-5720	101-4000

**PROPOSITION 65 WARNING:** Battery posts, terminals and related accessories contain lead and lead compounds, chemicals known to the state of California to cause cancer and reproductive harm. **Wash hands after handling.**



# INDUSTRIAL EQUIPMENT

## PETTIBONE CORPORATION — REXNORD INC.

**IMPORTANT NOTE: BATTERIES CAN EXPLODE!** Always wear safety glasses AND shield eyes when working around batteries. Always check for proper polarity and sufficient terminal clearance BEFORE final installation to avoid dangerous sparks, potential explosion, possible severe personal injury and/or expensive electrical system and/or vehicle/equipment damage. Always check for proper polarity and sufficient clearances before connecting cables and closing hood or covers.

MAKE EQUIPMENT TYPE YEAR/MODEL	CCA @ 0°F	O.E. BCI NO.	REPLACEMENT	
			OPTION 1	OPTION 2
<b>Extendo Forklifts</b>				
1999-90 All Models	900	4D	153-5700	9X-9720
<b>Speed Swings</b>				
1999-90 360, 441, 445	975	8D	153-5720	101-4000
<b>PFAHLER</b>				
<b>Ken-Roll Rollers</b>				
1967-59 All	325	24	153-5656	3T-5857
<b>Ken-Seal Asphalt Applicators</b>				
1967-61 All	325	24	153-5656	3T-5857
<b>PIONEER ENGINEERING</b>				
<b>Mine, Pit &amp; Quarry Equipment</b>				
1963-52 All models	880	6D(1,2)	153-5700	9X-9720
<b>PITMAN MFG. CO.</b>				
<b>Brush Chipper</b>				
1967-66 All models	290	29NF	3T-5858 π	9X-1382 π
<b>PORTEC, INC.</b>				
<b>Portable Crushing Plants</b>				
1963-58 All	875	6D(1,2)	153-5700	9X-9720
1975-70 All	900	8D	153-5720	101-4000
<b>Pioneer Pavers</b>				
1975-73 All	650	27	153-5656	8C-3601
<b>POWER CURBERS, INC.</b>				
<b>Slip-form Paver</b>				
1999-78 3500, 5500, 5500, 5700, 5700B, 6700, 8700	410	24(1,2)	153-5656	3T-5857
<b>PRIME MOVER CO.</b>				
<b>Forklifts &amp; Loaders</b>				
1991-78 LL-40, LD-50: Cont. engine	385	27	153-5656	8C-3601
1991-79 LL-40, LD-50: John Deere engine	545	30H	3T-5760	115-2422
<b>Mason Tenders, Platform Trucks &amp; Powered Buggies</b>				
1991-60 L-32, L-36, F-20, F-40A, M-20	260	24	153-5656	3T-5857
<b>Skid Steer Loader</b>				
1991-78 L-600, L-700, LS-70, LS-75	250	22NF	3T-5859 ∞	9X-1384 ∞
1991-81 L-925, L-930, L-1200, L-1300	450	24	153-5656	3T-5857
1988-80 L-930, L-1200	400	3ET	8C-3620	—
<b>PUCKETT BROS. MFG. CO., INC.</b>				
<b>Asphalt Pavers &amp; Rollers</b>				
1990-74 T-450, -450D, -650, -BD; S-240	525	70	156-5660 Ω	7X-6100
<b>Concrete Curbers &amp; Utility Graders</b>				
1990-75 SF-820D; 510B, 510D	925	31	175-4390	—

MAKE EQUIPMENT TYPE YEAR/MODEL	CCA @ 0°F	O.E. BCI NO.	REPLACEMENT	
			OPTION 1	OPTION 2
<b>Truck-Mounted Cranes &amp; Power Shovels</b>				
1961-55 J2, S2, S3, 80, 100, 85A, 85B, 100B, 105A	525	1	8C-3617	8T-9734
1961-58 125, -A, -B; & 1959 150A, -B: Gas eng.	625	3	153-5690	8C-3630
1961-60 125, 125-A, -B, 150A, -B: Gas, Diesel	410	27(1,2)	153-5656	8C-3601
1961-60 180B, 200B, 225B, 250B, M-200, -202	410	27	153-5656	8C-3601
<b>READY-POWER</b>				
<b>Trucks</b>				
1961-59 CH	325	24	153-5656	3T-5857
1965-59 CH2, HA4, J2, L5	350	3EE	8C-3620	—
1965-58 H, HA, -2, -3, J, L2, L3, L4, N, NL, P, R, RD18DX, S, V	575	2E(1,2)	8C-3632 Δ	—
1965-58 RD9DX, RD14DX	600	2(2)	153-5690	8C-3629
<b>RAYGO WAGNER</b>				
See "ALLIED SYSTEMS CO."				
<b>REINCO EQUIPMENT</b>				
<b>Hydrograssers</b>				
1999-95 HG-5H, HA: w/o elec. reel	245	U1R	8C-3636 \$	—
w/ elec. reel	425	24	153-5656	3T-5857
1994-89 HG-5GA: w/o elec. reel	245	U1R	8C-3636 \$	—
w/ elec. reel	410	24	153-5656	3T-5857
1988-73 HG-8: Gas	410	24	153-5656	3T-5857
HG-8: Diesel: Duetz F4L912, Deere	685	30H	3T-5760	115-2422
Duetz F2L511D	410	24	153-5656	3T-5857
1977-73 HG-10: Gas	410	24	153-5656	3T-5857
1985-73 HG-10: Diesel, HG-10M: John Deere 4.219D	685	30H	3T-5760	115-2422
Other engines	410	24	153-5656	3T-5857
1990-85 HG-10EG: Kubota V-1702B, Yanmar 4TN82E	685	30H	3T-5760	115-2422
Others engines	410	24	153-5656	3T-5857
1999-90 HG-10GM, HG-10GX: Isuzu 3KRI-VA05, Wisconsin W4-1770, Ford VSG-413	425	24	153-5656	3T-5857
1994-90 Other engines	685	30H	3T-5760	115-2422
1980-74 HG-13, HG-13M: Ford FD200	410	24	153-5656	3T-5857
John Deere 4.219D	685	30H	3T-5760	115-2422
1999-94 HG13GX: Isuzu 3KRI-VA05	685	30H	3T-5760	115-2422
1999-94 w/ Elec. reel	850	24	127-0824	—
1999-94 Wisconsin W4-1770, Ford VSG-413	425	24	153-5656	3T-5857
1979-73 HG-15: Ford ex. F245D	410	24	153-5656	3T-5857
John Deere 4.219D, Ford F245D	685	30H	3T-5760	115-2422
1989-85 HG-15G: Ford	410	24	153-5656	3T-5857
Other engines	685	30H	3T-5760	115-2422
1999-90 HG-15GM, HG-15GX, HG-20GX	685	30H	3T-5760	115-2422
1985-79 HG-15M: Ford FD250	410	24	153-5656	3T-5857
Other engines	685	30H	3T-5760	115-2422
1979-73 HG-25: Ford FD300	410	24	153-5656	3T-5857
Other engines	685	30H	3T-5760	115-2422
1997-80 HG-25GG, -25M, -30G, -30GM, -30GX	685	30H	3T-5760	115-2422
1992-73 All w/ optional trailer brake system	100	U2	8C-3636 ≠	—
<b>Power Mulchers</b>				
1999-95 M65-D	685	30H	3T-5760	115-2422
1999-73 M60F6, M65-W, TM7-30	425	24	153-5656	3T-5857
1999-75 M80, M80-C, M90	685	30H	3T-5760	115-2422
1999-87 TM-JR, TM-JR-E	245	U1R	8C-3636 \$	—
<b>REXNORD INC.</b>				
See "REXWORKS"				

**PROPOSITION 65 WARNING:** Battery posts, terminals and related accessories contain lead and lead compounds, chemicals known to the state of California to cause cancer and reproductive harm. **Wash hands after handling.**

**IMPORTANT NOTE: BATTERIES CAN EXPLODE! Always wear safety glasses AND shield eyes when working around batteries. Always check for proper polarity and sufficient terminal clearance BEFORE final installation to avoid dangerous sparks, potential explosion, possible severe personal injury and/or expensive electrical system and/or vehicle/equipment damage. Always check for proper polarity and sufficient clearances before connecting cables and closing hood or covers.**

MAKE EQUIPMENT TYPE YEAR/MODEL	CCA @ 0°F	O.E. BCI NO.	REPLACEMENT	
			OPTION 1	OPTION 2
<b>REXWORKS, INC.</b>				
<i>Formerly "REXNORD INC."</i>				
<b>Compactors</b>				
1993-67 3-30, 3-35, 3-45, 3-50, 3-50A	975	8D(1,2)	153-5720	101-4000
1993-78 3-55, 3-55B, 3-70, 3-70A, 3-80, 3-90, 3-90C	975	8D(2)	153-5720	101-4000
<b>Pavers &amp; Pneumatic Rollers</b>				
1973-59 34ED (GD Models), 3-30, 3-50	775	4D	153-5700	9X-9720
1970-66 Rex-Pac	280	29NF	3T-5858 π	9X-1382 π
<b>Pumps</b>				
1969-67 4" LD (NHD), 4" LSW (NHMF)	280	29NF	3T-5858 π	9X-1382 π
1966-59 4" LSW (NHMF)	550	1	8C-3602	9X-1382
1972-59 40MW (NHW), 1605 (C2) 200D (CPD), 200S (CP)	550	1	8C-3617	8T-9734
<b>Stabilizers</b>				
1977-58 D-47, DS-47, D7W, GS7, PTS	590	4(2)	8C-3633	8T-9733
1977-63 DMS, DMS8-48, HDMS, PTDMS	280	29NF(4)	3T-5858 π	9X-1382 π
1992-85 HSPS	600	27F(2)	8C-3602	9X-1382
1992-56 HSPS, Optional, PTS	590	4(2)	8C-3633	8T-9733
1992-67 SPDMS, Rex Pactor 3-30, 3-50	775	4D(1,2)	153-5700	9X-9720
1975-65 SPDMS, Mobile Hyd. Hammer, Rex Pactor 3-40	280	29NF(1,4)	3T-5858 π	9X-1382 π
<b>Steel Wheel Rollers</b>				
1977-60 Rex Roll 5, 6, 8, 10, 12, 14: Gas	280	29NF	3T-5858 π	9X-1382 π
Diesel	360	27F	8C-3602	143-4084
<b>Vibratory Rollers</b>				
<b>Self-Propelled:</b>				
1993-76 SP400, SP600, SP700, SP900	600	27F	8C-3602	9X-1382
1993-68 SP600D, -PD, SP848, -D, -DH, -PD, SP900A	775	4D	153-5700	9X-9720
1993-73 SP910, SP1000, SP1100, SP1300	775	4D	153-5700	9X-9720
1973-72 SP1300	600	27F	8C-3602	9X-1382
1971-68 All	775	4D	153-5700	9X-9720
1969-67 All pull type	280	29NF	3T-5858 π	9X-1382 π
<b>ROSCO MFG. CO.</b>				
<b>Road Oil Distributors</b>				
1981-62 ROE, RRE, RES	225	24	153-5656	3T-5857
<b>Road Rollers</b>				
1980-59 All	225	24	153-5656	3T-5857
1995-92 Trupac (Rubber Tired)	950	24	—	—
<b>Street Flushers</b>				
1981-59 MTA: All	225	24	153-5656	3T-5857
<b>Sweepers</b>				
1981-60 All	225	24	153-5656	3T-5857

MAKE EQUIPMENT TYPE YEAR/MODEL	CCA @ 0°F	O.E. BCI NO.	REPLACEMENT	
			OPTION 1	OPTION 2
<b>RPC CORPORATION</b>				
<b>Straddle Cranes</b>				
1986-79 C500, C750, C1100: Gas	340	24	153-5656	3T-5857
1986-79 Diesel	1100	8D	153-5720	101-4000
1982-73 1400	340	24	153-5656	3T-5857
1986-73 1600, 1800, 11000, HD480, -680, -880	1100	8D	153-5720	101-4000
1986-81 HD1080, -1280, -1580, HD1080ST, HD-RR	1100	8D(1,2)	153-5720	101-4000
<b>SAFETY TEST &amp; EQUIPMENT CO.</b>				
<b>See "WOOD CHUCK CHIPPER CORPORATION"</b>				
<b>SAKAI AMERICA, INC.</b>				
<b>Feed Loader</b>				
1995-75 FL50, FL300 (Requires 2 batts.)	450	27(1,2)	153-5656	8C-3601
<b>Road Planer</b>				
1995-72 ER160, ER300, ERF300	850	4D(2)	153-5700	9X-9720
<b>Rubber Tired &amp; Steel Rollers</b>				
1995-86 T2, TS150, TS150H, TS290, TS7409; R-1, R-2	660	4DLT(2)	153-5700	8C-3622
1995-86 TS31, TS200 TS600; R-2S, H.T.	450	27(2)	153-5656	8C-3601
<b>Towed Vibrating Rollers</b>				
1995-85 PV20, PV20T	325	22NF	3T-5859 ∞	9X-1384 ∞
Optional	270	45	—	—
<b>Vibrating Rollers</b>				
1995-77 SV8,	340	24	153-5656	3T-5857
1995-74 SV100, SV70 Series, SV90(A), SV90T(D)	660	4DLT(2)	153-5700	8C-3622
1995-85 SV200, SV500 Series, SG25, TG25, SW40	450	27(1,2)	153-5656	8C-3601
1995-72 SV91(A), SV91T(D), SV55-TV55, SW70	660	4DLT(1,2)	153-5700	8C-3622
1995-72 SV25, -40, -41, -70C, TW40, -41, -70C	450	27(1,2)	153-5656	8C-3601
1995-75 SV10	355	24	153-5656	3T-5857
1993-92 SW25, TW25	450	28	153-5656 ≠	3T-5857 ≠
1995-80 SW70C, TW70C	450	27(2)	153-5656	8C-3601
1995-84 SW100, TW100	660	4DLT(2)	153-5700	8C-3622
1995-93 SW350, -500, -750, TW350, -500, -750	450	27(2)	153-5656	8C-3601
<b>SAUERMAN</b>				
<b>Power Scrapers</b>				
1971-62 ASD-1302, -1302TC, -2002, -TC, -2515, -2602, -4002	1000	8D	153-5720	101-4000
1967-62 ASD-2602TC, -4002TC, -5402TC, -2515TC, -3015, -TC	1000	8D(2)	153-5720	101-4000
1971-62 ASG-902, -1302, -2002, -2602	900	7D	8C-3635	8T-9731
1969-62 ASG-4002, -5402	1000	8D	153-5720	101-4000
<b>Slackline Cableway Machines</b>				
1971-62 UCD-2131, -TC, -2201, -2261, -2401	1000	8D	153-5720	101-4000
1971-62 UCD-2201TC, -2261TC, 2401TC, 2541, -TC, -2651, -TC, 2911, -TC	1000	8D(2)	153-5720	101-4000
1967-62 UCG-2131, -2201, -2261	900	7D	8C-3635	8T-9731

**PROPOSITION 65 WARNING:** Battery posts, terminals and related accessories contain lead and lead compounds, chemicals known to the state of California to cause cancer and reproductive harm. **Wash hands after handling.**



# INDUSTRIAL EQUIPMENT

## SCHILD BANTAM — SKAGIT PRODUCTS

**IMPORTANT NOTE: BATTERIES CAN EXPLODE! Always wear safety glasses AND shield eyes when working around batteries. Always check for proper polarity and sufficient terminal clearance BEFORE final installation to avoid dangerous sparks, potential explosion, possible severe personal injury and/or expensive electrical system and/or vehicle/equipment damage. Always check for proper polarity and sufficient clearances before connecting cables and closing hood or covers.**

MAKE EQUIPMENT TYPE YEAR/MODEL	CCA @ 0°F	O.E. BCI NO.	REPLACEMENT	
			OPTION 1	OPTION 2
<b>SCHILD BANTAM</b>				
<b>Crane &amp; Shovel Units</b>				
1962-63 C-, CR-, T-35	550	1(1,2)	8C-3617	8T-9734
1966-62 Gas	410	27	153-5656	8C-3601
Diesel, C-450, T-450	1000	8D	153-5720	101-4000
1966-54 T-250, 200, 300 Carrier	575	3N	153-5690 ∞	8C-3630 ∞
1966-59 54 Carrier, 206, 306 Carrier, 400 Series Carrier	410	27	153-5656	8C-3601
1966-65 206, 306 Carrier	1000	8D	153-5720	101-4000
<b>SCHRAMM, INC.</b>				
<b>Crawler Mtd. Drill Rigs</b>				
1989-75 C42B, C42HB, C64HC, C66C, C560 C985H Rotadrill	865	5D(2,4)	8C-3633	8T-9733 ¥
1988-85 C685, C685H Rotadrill	1400	8D(2)	153-5720	101-4000
2000-85 SC25M, -30M, -40M, -45M Rotadrill	1400	8D(2)	153-5720	101-4000
2000-85 SCH25M -30GC, -30M, -45M Rotadrill	1400	8D(2)	153-5720	101-4000
<b>Portable Air Compressors</b>				
<b>Pneumapower:</b>				
1965-58 20, 35, 125 Unistage	600	2E(1,2)	8C-3632 Δ	—
1970-66 20, 35	325	3EE	8C-3620	—
1984-61 40, 85, 100, 125 (From 1961), 160, 85, 125	425	3ET(1,2)	8C-3620	—
1969-55 75, 125, 250 Unistage	550	1(2)	8C-3617	8T-9734
1983-80 185	630	31	175-4370	175-4390
1965-36 210, 250 Unistage	630	2(2,4)	153-5690	8C-3629
1979-58 315, 375, 600	860	5D(2)	8C-3633	8T-9733 ¥
<b>Powair:</b>				
1980-64 200, 240/350, 250	825	5D(2)	8C-3633	8T-9733
1985-79 250	510	30H(2)	3T-5760	115-2422
1989-62 425/350 Hi-Pressure, 600, 850/350 Hi-Pressure	810	5D(4)	8C-3633	8T-9733
2000-89 1000/350 Hi-Pressure	1400	8D(2)	153-5720	101-4000
<b>Tractor Air Compressors</b>				
<b>Pneumatractor:</b>				
1970-55 62, 160HT; 125, 250, 300; Gas	550	1(2)	8C-3617	8T-9734
1970-59 125; Diesel	425	3ET(2)	8C-3620	—
1995-67 250, 300; Diesel, S-200, HT-300B, -300C, S-250	860	5D(2,4)	8C-3633	8T-9733 ¥
1981-68 HT-160, S-160	425	3ET	8C-3620	—
<b>Trailer Mtd. Drill Rigs</b>				
1997-82 TM90, TM140, T450W; Rotadrill	1400	8D(2)	153-5720	101-4000
1993-75 T450, T450H, T450M, T985HA; Rotadrill	810	5D(4)	8C-3633	8T-9733
1991-75 T64HB, T66B, T66H, T660, T660M; Rotadrill	825	5D(4)	8C-3633	8T-9733 ¥
1997-80 T660W, T685, -H, -DHH, -W; Rotadrill	1400	8D(2)	153-5720	101-4000
<b>SHEPPARD</b>				
<i>Additional equipment listed in the Farm Equipment section.</i>				
<b>Power Units</b>				
1965-40 7, 7D, 8, 9, 14, 16, 17, 17A, 19, 250	550	1(2)	8C-3617	8T-9734
1965-40 6A-1, 6D, 12, 12D, 13, 13D, 16B, 19B, 19D	900	4(2)	8C-3633	—

MAKE EQUIPMENT TYPE YEAR/MODEL	CCA @ 0°F	O.E. BCI NO.	REPLACEMENT	
			OPTION 1	OPTION 2
<b>SICARD INDUSTRIES, INC.</b>				
<b>Snowplows</b>				
1981-63 1500, 2100, 3100, SW-314, BM	325	3EE	8C-3620	—
2000-73 2200, 3200; w/ Cummins engine, SW314D	950	8D	153-5720	101-4000
1981-73 3200; w/ DD engine, 5000, 7000	900	4D	153-5700	9X-9720
1981-54 2200; w/ DD 4-53 engine, BB-636, -660, -860	325	3EE	8C-3620	—
1981-59 BK, BL; w/ IHC engine, JSM (BJ)	425	3ET	8C-3620	—
w/ AC, Cat. engines	950	8D(1,2)	153-5720	101-4000
w/ Waukesha engine	535	30H	3T-5760	115-2422
1981-76 5000, 7000	800	4D	153-5700	9X-9720
<b>Spreaders &amp; Sweepers</b>				
1973-62 MS-23B	325	3EE	8C-3620	—
1968-57 SW-112	535	30H	3T-5760	115-2422
<b>SILENT HOIST &amp; CRANE CO., INC.</b>				
<b>Fork Lift Trucks</b>				
1991-58 CD, CDH, FK, FCK, FKS, FS; Gas	485	27	153-5656	8C-3601
1967-46 CD, CDH	440	1	8C-3617	8T-9734
1991-73 FK, FKS, FS; Diesel	975	8D	153-5720	101-4000
1979-73 FS Cummins	760	4D(2)	153-5700	9X-9720
<b>Mobile Cranes</b>				
1975-46 A, AX, AY, CD, CDH	440	1	8C-3617	8T-9734
1991-46 AXH, AYH, AZH, AX, AY, AZ, FAX, FAY, FAZ, CD, CDH	485	27	153-5656	8C-3601
1991-64 CAX, CAY, CAZ; Gas	485	27	153-5656	8C-3601
1991-75 Diesel	975	8D	153-5720	101-4000
<b>SKAGIT PRODUCTS</b>				
<i>Formerly "LTV ENERGY PRODUCTS CO.," "CONTINENTAL EMSCO CO."</i>				
<b>Hoists</b>				
1964-58 All models	805	4D(1,2)	153-5700	9X-9720
1986-79 BU-18, G-70, RB-80, RB-90	900	4D	153-5700	9X-9720
1986-79 MD-97, RB-150	910	8D(2)	153-5720	101-4000
<b>Mobile Loggers</b>				
1964-60 SJ-2-R, SJ-4-RT, SJ-7-R	805	4D(2)	153-5700	9X-9720
1960-58 Ford 272	805	4D	153-5700	9X-9720
1961-59 All	805	4D(1,2,3)	153-5700	9X-9720
<b>Tower Yarder</b>				
1964-62 TY-60	805	4D(2)	153-5700	9X-9720
<b>Winches</b>				
1986-79 DTW-100	900	4D	153-5700	9X-9720
1986-79 DTW-150	910	8D	153-5720	101-4000
<b>Yarders &amp; Loaders</b>				
1986-79 BU-199, -90G, -737, -739, SY-717, SY-757	910	8D(2)	153-5720	101-4000

**PROPOSITION 65 WARNING:** Battery posts, terminals and related accessories contain lead and lead compounds, chemicals known to the state of California to cause cancer and reproductive harm. **Wash hands after handling.**

**SMI (WATERTOWN, NY) — SULLAIR CORPORATION**

**IMPORTANT NOTE: BATTERIES CAN EXPLODE! Always wear safety glasses AND shield eyes when working around batteries. Always check for proper polarity and sufficient terminal clearance BEFORE final installation to avoid dangerous sparks, potential explosion, possible severe personal injury and/or expensive electrical system and/or vehicle/equipment damage. Always check for proper polarity and sufficient clearances before connecting cables and closing hood or covers.**

MAKE EQUIPMENT TYPE YEAR/MODEL	CCA @ 0°F	O.E. BCI NO.	REPLACEMENT	
			OPTION 1	OPTION 2
<b>SMI (WATERTOWN, NY)</b>				
<b>Rotary Snowplowers</b>				
1981-61 BB-636, -660, -860, BM, 1500, 2100, 3100, SW-314	310	3EE	8C-3620	—
1981-61 BK: IHC w/ Allis-Chalmers engine	425 900	3ET 8D	8C-3620 153-5720	— 101-4000
1981-63 BL: A-C, Cat.	900	8D(2)	153-5720	101-4000
1981-61 w/ Waukesha engine	545	30H	3T-5760	115-2422
1975-63 JSM (BJ)	425	3ET	8C-3620	—
1981-73 SW-314D	900	8D	153-5720	101-4000
1981-73 2200: DD 4-53 w/ Cummins engine	310 900	3EE 8D	8C-3620 153-5720	— 101-4000
1981-73 3200: DD 6V-71 w/ Cummins engine	800 900	4D 8D	153-5700 153-5720	9X-9720 101-4000
1981-73 5000, 7000	800	4D	153-5700	9X-9720
<b>Spreader</b>				
1975-62 MS-23B	310	3EE	8C-3620	—
<b>Sweeper</b>				
1970-61 SW-112	540	30H	3T-5760	115-2422
<b>SMITH, GORDON &amp; CO., INC.</b>				
<i>Formerly "GORDON, SMITH &amp; CO."</i>				
<b>Portable Air Compressors</b>				
1968-57 45, 75	320	60	—	—
1986-68 45, 70, 75, 90, 100, 125, 150, 125, 150	505	27	153-5656	8C-3601
1995-81 100, 160, 200	500	24(1,2)	153-5656	3T-5857
1995-86 110D, 125DP, 175D, -DP, 200, -DP	900	31	175-4390	—
1970-64 160	500	3(2)	153-5690	8C-3630
1985-84 160	400	22F	3T-5859	9X-1384
<b>SMITH, T.L.</b>				
<i>Division of ATO INC.</i>				
<b>Concrete Mixers</b>				
1974-59 w/ Chrysler, Ford Engine	375	24	153-5656	3T-5857
1973-65 w/ GM Diesel engine	975	8D	153-5720	101-4000
<b>SNORKEL ENGINEERING</b>				
<i>Subsidiary of OMNIQUIP INTERNATIONAL, INC.</i>				
<b>Snorkelift</b>				
1995-89 5000D, G	330	22F	3T-5859	9X-1384
2000-89 ATB42, ATB46E, 46N, ATB50, ATB60, Pro 66	600	27	153-5656	8C-3601
2000-94 Pro 100, 126	600	27(3)	153-5656	8C-3601
2000-92 SL15, 18, 19, 20, 25 Optional	220 240	GC2 4	8C-3641 8C-3633	— 8T-9733
2000-96 SLH, SLA-27, -35	575	27	153-5656	8C-3601
2000-82 TB120, TB Series: All	600	27(1,2,3)	153-5656	8C-3601
1998-86 Uno 33, 41	575	27	153-5656	8C-3601
<b>SPECTRUM</b>				
<b>Electric Power Plants</b>				
<b>Gas:</b>				
1999-97 20-100GS, 135-180GS (60Mz)	900	24(1,2)	127-0824	Y —
1999-97 50Mz	1000	31(2)	175-4390	—

MAKE EQUIPMENT TYPE YEAR/MODEL	CCA @ 0°F	O.E. BCI NO.	REPLACEMENT	
			OPTION 1	OPTION 2
<b>Electric Power Plants (continued)</b>				
<b>Diesel:</b>				
1999-97 20DS, 125DS	700	26	—	—
1999-97 30-100DS, -DSE	900	24	127-0824	Y —
1999-97 150-180DS, 200DS, 230-600DS, 750-2000DS	1000	31(2,4,8)	175-4390	—
<b>SPERRY NEW HOLLAND</b>				
<i>See "FORD-NEW HOLLAND"</i>				
<b>STEIGER TRACTOR, INC.</b>				
<i>Additional equipment listed in the Farm Equipment section.</i>				
<b>Industrial Tractors</b>				
1986-82 CA-280, CA-325, CA-360, CU-280, CU-325, CU-360	475	31(4)	175-4370	175-4390
<b>SULLAIR CORPORATION</b>				
<b>Air Compressors</b>				
1985-69 70, 85, 100, 125: Gas Optional	300 400	22F 24	3T-5859 153-5656	9X-1384 3T-5857
1993-90 80, 100, 125: Gas	815	24F	127-0824	—
1990-86 80: Gas	580	30H	3T-5760	115-2422
1990-86 100, 125: Gas	580	30H	3T-5760	115-2422
1993-90 Diesel	815	24F	127-0824	—
1990-78 Diesel	580	30H	3T-5760	115-2422
1975-74 150: Gas Diesel	410 775	27 4D	153-5656 153-5700	8C-3601 9X-9720
1982-76 160, 185: Gas	300	29NF	3T-5858 π	9X-1382 π
1986-85 Diesel	650	31SAE	3T-5760	115-2422
1982-74 Diesel	775	4D	153-5700	9X-9720
1993-90 175, 250, 375: Diesel	800	30H(1,2)	115-2422	115-2421
1990-86 175: Diesel	650	31SAE	3T-5760	115-2422
1993-90 185: Gas or Diesel	800	30H	115-2422	115-2421
1990-83 185: Gas or Diesel	650	31SAE	3T-5760	115-2422
1990-85 250: Diesel	650	31SAE	3T-5760	115-2422
1990-78 250, 300, 330, 375: Diesel	775	4D	153-5700	9X-9720
1985-74 250, 350, 375: Diesel	975	8D	153-5720	101-4000
1993-82 600, 750: Diesel	960	4D(2)	153-5700	9X-9720
1985-74 Optional	975	8D(2)	153-5720	101-4000
1993-77 600, 800, 805, 825, 900: Diesel	775	4D(1,2)	153-5700	9X-9720
1993-74 800, 900, 1050, 1250, 1600, 3200: Diesel	975	8D(2,4)	153-5720	101-4000
1990-84 H185: Diesel	650	31SAE	3T-5760	115-2422
1987-80 H275/300: Diesel	975	8D	153-5720	101-4000
1990-83 H300, H425, H600, H750: Diesel 150psi	775	4D(1,2)	153-5700	9X-9720
1990-89 300 psi, 350 psi	975	8D(2)	153-5720	101-4000
1990-80 H900: Diesel 150 psi, 350 psi	975	8D(2)	153-5720	101-4000
1990-85 H1050, H1250 Diesel 150psi, H1300 Diesel	975	8D(2)	153-5720	101-4000
<b>Generator Sets</b>				
1985-79 10-, 15-, 20-, 25-, 35-, 30-, 35-, 45KW	475	3ET	8C-3620	—
1985-82 25-, 30-, 45-, 50-, 55KW Optional	775 975	4D 8D	153-5700 153-5720	9X-9720 101-4000
1985-80 50-, 75-, 70-, 85-, 100-, 125-, 150KW	975	8D	153-5720	101-4000

**PROPOSITION 65 WARNING:** Battery posts, terminals and related accessories contain lead and lead compounds, chemicals known to the state of California to cause cancer and reproductive harm. **Wash hands after handling.**



# INDUSTRIAL EQUIPMENT

## SUPERIOR EQUIPMENT — TEREX CORPORATION



**IMPORTANT NOTE: BATTERIES CAN EXPLODE! Always wear safety glasses AND shield eyes when working around batteries. Always check for proper polarity and sufficient terminal clearance BEFORE final installation to avoid dangerous sparks, potential explosion, possible severe personal injury and/or expensive electrical system and/or vehicle/equipment damage. Always check for proper polarity and sufficient clearances before connecting cables and closing hood or covers.**

MAKE EQUIPMENT TYPE YEAR/MODEL	CCA @ 0°F	O.E. BCI NO.	REPLACEMENT	
			OPTION 1	OPTION 2
<b>SUPERIOR EQUIPMENT CO.</b>				
<b>Buckeye Ditchers</b>				
1991-90 300G, 403	1115	8D	153-5720	101-4000
300-D, 300-G, 400-B, 403:				
1975-59 Chrysler, Cont., IHC-263 engines	360	27	153-5656	8C-3601
1989-59 All other engines	1115	8D	153-5720	101-4000
1991-60 310 Super 7, 318, Super "H" Hydrostatic, Super "H"+	1115	8D	153-5720	101-4000
<b>T &amp; J INDUSTRIES, INC.</b>				
<b>Mobile Hydraulic Crane</b>				
1984-74 MHC 85	1000	8D	153-5720	101-4000
<b>Rail Car Mover &amp; Spotter</b>				
1985-72 SWX20, -30, -40	850	4D	153-5700	9X-9720
1984 SWX80	500	31(3)	175-4370	175-4390
<b>Rear Dump Haulers</b>				
1985-65 240-, 250-, 258-, 265C, 22-, 24-, 25-, 235-, 245-, 258R	1000	8D(2)	153-5720	101-4000
<b>Shuttle Spotter</b>				
1985-83 SS300	850	4D	153-5700	9X-9720
Optional	500	31(3)	175-4370	175-4390
1985-84 SS500	1000	8D	153-5720	101-4000
<b>TAMPO MFG. CO.</b>				
<b>Pneumatic Road Rollers</b>				
1965-54 SP-9	550	1(1,2)	8C-3617	8T-9734
1966-57 SP-11: Gas	350	60	—	—
Diesel	550	2(2)	153-5690	8C-3629
1977-62 SP-312: Gas 12-volt	290	29NF	3T-5858 π	9X-1382 π
1965-61 6-volt	450	2	153-5690	8C-3629
1972-65 SP-518: Gas 12-volt	290	29NF	3T-5858 π	9X-1382 π
1987-76 SP-312, -HD, SP-518: Diesel	800	4D	153-5700	9X-9720
1986-64 SP-750, SP-950, SP-1070, -M: Diesel	800	4D	153-5700	9X-9720
Optional	900	8D	153-5720	101-4000
<b>Self-Propelled, Vibratory</b>				
1982-81 RS-03	315	22F	3T-5859	9X-1384
1976-71 RS-16: Gas	290	29NF	3T-5858 π	9X-1382 π
1990-72 RS-16: Diesel; RS-16A	800	4D	153-5700	9X-9720
1977-70 RS-28, -28A	660	4D	153-5700	9X-9720
1983-68 RS-210, RS-288A	800	4D	153-5700	9X-9720
1979-68 RH-48, RP-38, -48, -310, RS-28, -210, -310, RS-410	860	8D	153-5720	101-4000
1990-75 RP-28D, -58, -58D, RS-28C, -28D, -58, -58D,	800	4D	153-5700	9X-9720
1990-73 RH-16A, -28D, RP-16D, RS-16D, 156A, -166A	800	4D	153-5700	9X-9720
1983-76 RS-144A	450	24	153-5656	3T-5857
1986-74 RS-188A, RH-199	1000	8D	153-5720	101-4000
<b>Early Models</b>				
1975-64 VP-60: Gas w/ Ford engine	290	29NF	3T-5858 π	9X-1382 π
w/ Cont. F-162 engine	450	2	153-5690	8C-3629
1973-60 VC-80: Gas, Deutz 6-volt	350	3EE	8C-3620	—
w/ Wisc. engine, 6-volt	500	2E	8C-3632 Δ	—
All 12-volt engines	450	24	153-5656	3T-5857
1973-65 VP-90: Gas, All 6-volt	450	2	153-5690	8C-3629
All 12-volt	290	29NF	3T-5858 π	9X-1382 π
1973-67 VS-125, VC-400: Diesel	860	8D	153-5720	101-4000

MAKE EQUIPMENT TYPE YEAR/MODEL	CCA @ 0°F	O.E. BCI NO.	REPLACEMENT	
			OPTION 1	OPTION 2
<b>Steel 3-Wheel &amp; Tandem, Sheepsfoot</b>				
1969-64 5-8, 8-10, 8-12 ton 12-volt	290	29NF	3T-5858 π	9X-1382 π
1974-66 SP-500 12-volt	860	8D	153-5720	101-4000
<b>TCI POWER PRODUCTS, INC.</b>				
<b>See "GEHL COMPANY"</b>				
<b>TENNANT CO.</b>				
<b>Concrete Groover</b>				
1983-64 Model G	450	1	8C-3617	8T-9734
<b>Scarifiers</b>				
1968-64 L, R	450	1	8C-3617	8T-9734
1983-64 K-4	220	U1	8C-3636	—
1983-66 L-2, 2-R	280	24	153-5656	3T-5857
<b>Scrubbers</b>				
1983-78 432: Standard (Mins. @ 75A to 5.25V)	106 min	GC-2(6)	8C-3641	—
1983-78 432: Heavy-Duty (Mins. @ 75A to 5.25V)	88 min	GC-2(6)	8C-3641	—
1983-75 520, 527, 550	280	24	153-5656	3T-5857
<b>Sweepers</b>				
1983-64 42, T-42, -HD	220	U1	8C-3636	—
1983-64 T-53, -85, -86, -88, -90, -91, -100	280	24	153-5656	3T-5857
1983-70 92, 210, 220, 240, 250, 260, 265, 280, 520, 525, 550	280	24	153-5656	3T-5857
1983-81 717, Trailblazer	280	24	153-5656	3T-5857
<b>TEREX CORPORATION</b>				
<b>Crawlers</b>				
1983-75 82-20	490	30H(4)	3T-5760	115-2422
1983-75 82-30B, 82-50	935	8D(2)	153-5720	101-4000
1998-84 D800	935	8D(2)	153-5720	101-4000
<b>Haulers</b>				
1983-58 Electric start	935	8D(2,4)	153-5720	101-4000
1983-73 Air start	490	30H(2)	3T-5760	115-2422
1973-58 Air start	760	4D	153-5700	9X-9720
1998-84 3305B, TR34/40/45/60	760	4D(2)	153-5700	9X-9720
1998-84 3310F, 3311D/E, 33100/100B, TR100	935	8D(2,4)	153-5720	101-4000
1998-84 3311C/D, 3307/09 Air Start	490	30H(2)	3T-5760	115-2422
<b>Articulated Haulers</b>				
1998-84 All	760	4D(2)	153-5700	9X-9720
<b>Scrapers</b>				
1998-84 S-24B/C, TS-24B/C/D	935	8D(2)	153-5720	101-4000
1998-76 TS-14B, TS-14C/D/DI/F	760	4D(2)	153-5700	9X-9720
<b>Loaders</b>				
1983-75 All ex. 72-21B, 72-31B	935	8D(2)	153-5720	101-4000
1983-79 72-21B	490	30H(3)	3T-5760	115-2422
1998-58 72-31B, Air Starters	760	4D(2)	153-5700	9X-9720
1975-58 All w/ 12-, 24-volt starters	935	8D(1,2)	153-5720	101-4000
1998-84 90C, 7220	935	8D	153-5720	101-4000

**PROPOSITION 65 WARNING:** Battery posts, terminals and related accessories contain lead and lead compounds, chemicals known to the state of California to cause cancer and reproductive harm. **Wash hands after handling.**

**IMPORTANT NOTE: BATTERIES CAN EXPLODE! Always wear safety glasses AND shield eyes when working around batteries. Always check for proper polarity and sufficient terminal clearance BEFORE final installation to avoid dangerous sparks, potential explosion, possible severe personal injury and/or expensive electrical system and/or vehicle/equipment damage. Always check for proper polarity and sufficient clearances before connecting cables and closing hood or covers.**

MAKE EQUIPMENT TYPE YEAR/MODEL	CCA @ 0°F	O.E. BCI NO.	REPLACEMENT	
			OPTION 1	OPTION 2
<b>Scrapers</b>				
1983-71 S-11E, TS-14, -14B	760	4D(1,2)	153-5700	9X-9720
1983-71 TS-24, S-24, TS-32, -32B	935	8D(2,4)	153-5720	101-4000
<b>THEW-LORAIN</b>				
<b>Crawler Machines</b>				
1966-58 L-26: w/ DD 3-71 engine	900	7D(2)	8C-3635	8T-9731
w/ Cat., Waukesha engines	650	2(1,2)	153-5690	8C-3629
1966-65 L-26-K3: GM 3-71	880	7D	8C-3635	8T-9731
1966-65 L-36 Pipeliner	975	8D	153-5720	101-4000
1966-52 L-50: w/ DD 3-71 engine	975	8D	153-5720	101-4000
w/ Cat., Waukesha engines	650	2(1,2)	153-5690	8C-3629
1966-58 L-51, -56: w/ Waukesha engine, L-36	825	4(2)	8C-3633	8T-9733
w/ Cat., Cummins, DD engines	975	8D(1,2)	153-5720	101-4000
1966-58 L-72: w/ Cat. D326 engine	650	2	153-5690	8C-3629
w/ DD 6-71 engine	975	8D	153-5720	101-4000
1961-59 L-85, L-85A: w/ Cat. D-337F	650	2	153-5690	8C-3629
All other engines	975	8D(2)	153-5720	101-4000
1966-59 L-86, -775, -820A	975	8D(1,2)	153-5720	101-4000
<b>Crawler Shovel-Crane</b>				
1966-64 Lorain 51	825	4(2)	8C-3633	8T-9733
<b>Front End Loaders</b>				
1966-63 ML-200, -225, -250, -275: w/ Cont. engine	525	1(2)	8C-3617	8T-9734
w/ Cummins, DD engines	900	7D(2)	8C-3635	8T-9731
1966-60 ML-307, -325	975	8D(1,2)	153-5720	101-4000
<b>Moto-Cranes, Rubber Tires w/ Two Engines</b>				
1965-56 MC-107: w/ Cont. engine	525	1(1,2)	8C-3617	8T-9734
w/ Cummins engine	900	7D(2)	8C-3635	8T-9731
w/ Ford engine	325	24	153-5656	3T-5857
1961-56 MC-110: w/ Ford 223, 254 engines	650	2	153-5690	8C-3629
w/ Ford 272 engine	325	24	153-5656	3T-5857
w/ DD 2-71 engine	900	7D(2)	8C-3635	8T-9731
1965-52 MC-254, -254W: w/ DD 3-71 engine	900	7D(2)	8C-3635	8T-9731
w/ other engines	650	2(1,2)	153-5690	8C-3629
1966-64 MC-320, -325, -330: w/ Waukesha eng.	825	4(2)	8C-3633	8T-9733
w/ other engines	975	8D(1,2)	153-5720	101-4000
1961-53 MC-424, -W, -425, -W, -WL: w/ DD 4-71 eng.	975	8D	153-5720	101-4000
w/ Waukesha 140 series engines	825	4(2)	8C-3633	8T-9733
w/ other Waukesha engines	650	2(1,2)	153-5690	8C-3629
1960-59 MC-430	825	4(2)	8C-3633	8T-9733
1961-56 MC-530, -W: w/ Waukesha 140GK eng.	650	2(1,2)	153-5690	8C-3629
w/ all other engines	975	8D(1,2)	153-5720	101-4000
1966-63 MC-540, -A, -545, -550: w/ Wauk. engine	825	4(2)	8C-3633	8T-9733
w/ all other engines	975	8D(1,2)	153-5720	101-4000
1966-59 MC-760, -A, -770, -775, -794, -9115	975	8D(1,2)	153-5720	101-4000
1961-56 SP-100: w/ Ford 223 engine	975	8D	153-5720	101-4000
1966-59 SP-107: w/ Fordomatic trans.	800	4D	153-5700	9X-9720
w/ Cont. 6D157, Ford 172 engines	525	1(1,2)	8C-3617	8T-9734
w/ other engines	900	7D(2)	8C-3635	8T-9731
1966-59 SP-108A: w/ Ford 220 engine	800	4D	153-5700	9X-9720
w/ Cont. F-186 engine	900	7D(2)	8C-3635	8T-9731
1966-52 SP-254, -254W: w/ DD 3-71 engine	900	7D(2)	8C-3635	8T-9731
w/ other engines	650	2(1,2)	153-5690	8C-3629
1966-55 SP-350, -425, -530W: w/ Waukesha eng.	650	2(2)	153-5690	8C-3629
w/ Cummins 135GZ engine	825	4(2)	8C-3633	8T-9733
w/ all other engines	975	8D(1,2)	153-5720	101-4000
1967-54 501, -P, 502, -P, 510P, 540, 590, 600, -P, 601P	410	24	153-5656	3T-5857

MAKE EQUIPMENT TYPE YEAR/MODEL	CCA @ 0°F	O.E. BCI NO.	REPLACEMENT	
			OPTION 1	OPTION 2
<b>Moto-Cranes, Rubber Tires w/ Two Engines (continued)</b>				
1967-59 501D, -PD, 502D, -PD, 601PD	500	30H	3T-5760	115-2422
1967-56 540D, 600D	800	4D	153-5700	9X-9720
1965-56 Series 4-5 models: Cat. D-318G, D-330	900	8D(2)	153-5720	101-4000
Cat. D-318, Waukesha eng.	660	2(1,2)	153-5690	8C-3629
<b>THOMAS EQUIPMENT, LTD.</b>				
<b>Skid Steer Loaders</b>				
1994-77 T81, -82, -83, -103, -132, -133	590	24	153-5656	3T-5857
1994 T835, T1335	600	74	153-5660	—
1994-81 T173HL, -173K	625	30H	3T-5760	115-2422
1994 T173HLS	720	34/78	127-0826	—
1994-78 T173P, T233P, T183HD, T203HD, T233HD, T233K	625	30H	3T-5760	115-2422
1983-77 1210, 1220, T171, T172, T231, T232, T1230	450	24	153-5656	3T-5857
<b>TODCO DIVISION</b>				
<b>WATSON</b>				
<b>"E" Lift Gate Models</b>				
<i>With Independent Trailer:</i>				
1987-68 ST, TWL, WT, SL, LST, TT, VL	900	8D	153-5720	101-4000
1967-63 Weightlifter, Hide-A-Lift	900	8D	153-5720	101-4000
<b>TOWMOTOR</b>				
<b>Lift Trucks</b>				
1966-40 50, 55, 60, 62, 72, 90, 680P, -SPL, K-5	690	3	153-5690	8C-3630
1971-57 35, 350, 351, 391, 392, 421, 422, 462, 502	325	24	153-5656	3T-5857
1969-59 400P, 410, 411, 440, 441	300	29NF	3T-5858 π	9X-1382 π
1971-59 461D, 462D, 502, -D, 601PD, V30D, V40D, V50D	475	30H	3T-5760	115-2422
1971-59 500, -P, 502, 510P, 511P, 540, 600, 601P, 670	325	24	153-5656	3T-5857
1971-58 540D, 600D, 670D, 680PD, V41D, V51D, V60D	825	4D	153-5700	9X-9720
1971-59 680P, -SPL, 750, 760P, 850, 860P, 900, 950, 960P	325	24	153-5656	3T-5857
1970-60 K-5, T-30 thru T-60, V-30 thru V-60	325	24	153-5656	3T-5857
<b>TOYOTA MOTOR CORPORATION</b>				
<b>Fork Lifts</b>				
42-5FG25	450	24F	3T-5858	9X-1382
42-6FGU25	390	35	145-4518	—
<b>TRACTOMOTIVE</b>				
<i>See Farm Equipment section</i>				
<b>TREE FARMER EQUIPMENT CO., INC.</b>				
<i>Includes "Hawker Siddeley Canada Inc." Feller Bunchers &amp; Skidders</i>				
1986-72 FB-67; C4D, C5D, C6D, C6E, C7D, C7T, C8C	545	30H(2)	3T-5760	115-2422
<b>TROJAN INDUSTRIES, INC.</b>				
<i>Formerly "EATON CORP."</i>				
<i>Additional equipment listed in the Farm Equipment section.</i>				
<b>Feller Buncher</b>				
1980-79 1600	590	4(2)	8C-3633	8T-9733

**PROPOSITION 65 WARNING:** Battery posts, terminals and related accessories contain lead and lead compounds, chemicals known to the state of California to cause cancer and reproductive harm. **Wash hands after handling.**

BATTERY SAFETY  
CATERPILLAR EQUIP.  
INDUSTRIAL EQUIPMENT  
FARM EQUIPMENT  
TRUCKS & BUSES  
AUTO & LTV  
L & G / SMALL ENGINE  
REFERENCE



# INDUSTRIAL EQUIPMENT

## TROJAN INDUSTRIES, INC. — VERMEER MFG. CO.

**IMPORTANT NOTE: BATTERIES CAN EXPLODE! Always wear safety glasses AND shield eyes when working around batteries. Always check for proper polarity and sufficient terminal clearance BEFORE final installation to avoid dangerous sparks, potential explosion, possible severe personal injury and/or expensive electrical system and/or vehicle/equipment damage. Always check for proper polarity and sufficient clearances before connecting cables and closing hood or covers.**

MAKE EQUIPMENT TYPE YEAR/MODEL	CCA @ 0°F	O.E. BCI NO.	REPLACEMENT	
			OPTION 1	OPTION 2
<b>Tractor Shovels</b>				
1967-60 112, 114, 124: Gas	370	27	153-5656	8C-3601
114, 124: Diesel	790	4(2)	8C-3633	8T-9733
1964-63 124A: UD-264	370	27	153-5656	8C-3601
All other engines	790	4(2)	8C-3633	8T-9733
1964-54 134: GM 3-53, IHC UD-282	865	5D(2)	8C-3633	8T-9733 Y
Herc. D-298-H, Penta D-47	815	4D	153-5700	9X-9720
All other engines	370	27	153-5656	8C-3601
1965-64 134A	790	4(2)	8C-3633	8T-9733
1967-60 164, 164A: Gas	370	27	153-5656	8C-3601
164: Diesel	815	4D	153-5700	9X-9720
164A: Diesel	790	4(2)	8C-3633	8T-9733
1967-59 204, -A: Cummins eng.	900	8D(1,2)	153-5720	101-4000
GM 3-71	815	5D	8C-3633	8T-9733
GM 4-53	790	4(2)	8C-3633	8T-9733
Penta D-67	475	30H(2)	3T-5760	115-2422
All other engines	370	27	153-5656	8C-3601
1967-59 254, 300, 304A, 400, OS-10, 3000	790	4(4)	8C-3633	8T-9733
1964-57 304, 404	880	7D(4)	8C-3635	8T-9731
<b>Wheel Loaders</b>				
1983-73 1500C, -D, 1700C, 1900, -C,	590	4(2)	8C-3633	8T-9733
1991-83 1500Z, 1700Z	800	30H(2)	3T-5760	115-2422
1991-84 1900Z, 2000Z, 3500Z	850	4D(2)	153-5700	9X-9720
1981-72 2000C, 2000D	820	5D(4)	8C-3633	8T-9733
1991-75 2500C, 3000C, 4000E, 4500, 5500Z	925	7D(4)	8C-3635	8T-9731
1991-87 4500Z, L3000, L4500	950	4D(2)	153-5700	9X-9720
1991-76 5500, 7500	975	8D(2)	153-5720	101-4000
<b>UNIT CRANE &amp; SHOVEL CORP.</b>				
<b>Cranes &amp; Shovels</b>				
1960-46 All Gas models ex. 360T, 510T, 513T	400	2L	153-5690 =	8C-3629
1957-55 510T, 513T	525	5D	8C-3633	8T-9733
1958-46 All engines w/ Diesel models	865	5(2)	8C-3633	—
1975-63 Gas engines	305	60	—	—
Diesel engines:	790	4(2)	8C-3633	8T-9733
1980-64 H-30T, H-171, -172, -201, -202, -401, -471	900	8D	153-5720	101-4000
1980-68 300, 400, 500, 750, 1220A, 1220B, 1225WA	650	4(2)	8C-3633	8T-9733
1968-65 360T: Diesel	690	3(2)	153-5690	8C-3630
1986-73 150-H, 342-H, 381-H, 2700B, 2800B, 5000, 5500	900	8D	153-5720	101-4000
<b>UNIT RIG &amp; EQUIPMENT CO.</b>				
<b>INCLUDES DART TRUCK CO.</b>				
1983-62 M-24, -30, -85, -100, -120, -120-17, -200	935	8D(2)	153-5720	101-4000
1983-70 Mark 36, BD-30, BD-180, BWE	935	8D(2)	153-5720	101-4000
<b>Front End Wheel Loaders &amp; Log Stackers</b>				
1985-69 600C, 620C, KW30, KW120	830	8D(2,4)	153-5720	101-4000
<b>Off Highway Trucks</b>				
1985-75 2085, 3065, 3075, 3100, 3120, 4100, 4120, 4150	830	8D(2)	153-5720	101-4000
<b>VERMEER MFG. CO.</b>				
<b>Auger</b>				
1980-63 M-12	250	24	153-5656	3T-5857

MAKE EQUIPMENT TYPE YEAR/MODEL	CCA @ 0°F	O.E. BCI NO.	REPLACEMENT	
			OPTION 1	OPTION 2
<b>Chippers</b>				
1999-88 620, 620BC, 625BC	485	24	153-5656	3T-5857
1978-70 671: Gas	365	24	153-5656	3T-5857
1987-70 671: Diesel	800	4D	153-5700	9X-9720
1999-91 935BC: 1200BC, 1220BC: Gas	580	24	153-5656	3T-5857
1220BC: Diesel	925	31	175-4390	—
1995 1230BC	925	31	175-4390	—
1991-87 1250: Gas, Diesel (Requires 2 batts.)	580	24(1,2)	153-5656	3T-5857
1995-78 1250BC; 1250UBC, 1600: Gas, 1600A	580	24	153-5656	3T-5857
<b>Compactors</b>				
1993-88 TC4	425	26R	145-4518	3T-5859
1993-89 TC23/33	575	24	153-5656	3T-5857
<b>Cutters &amp; Stump Cutters</b>				
1967-62 F-100	315	60	—	—
1962-58 6, 10, 15	550	1	8C-3617	8T-9734
1967-58 6, 10, 15, 18, 1560	315	24	153-5656	3T-5857
<b>Directional Borers</b>				
1999-91 D7, D14/24	575	24	153-5656	3T-5857
<b>Lawnmasters</b>				
1981-76 Dinky Digger, LM-18	365	24	153-5656	3T-5857
1992-83 LM-35, -40	685	30H	3T-5760	115-2422
1983-79 LM-35	250	22F	3T-5859	9X-1384
<b>Log Splitters</b>				
1987-80 LS-150A	250	22F	3T-5859	9X-1384
1987-71 LS-200	250	24	153-5656	3T-5857
<b>Stump Cutters</b>				
1993-63 6, M-18, 186, 206, 222SC, 618, 1560, 2460A	400	24	153-5656	3T-5857
1971-63 10, 15, 18, 630, 2460A	455	24F	3T-5858	9X-1382
1993-71 630A, 665, 665A, 2465	455	24	153-5656	3T-5857
1991-88 630B	425	26	8C-3600	145-4517
1993-90 665B: Gas	485	24	153-5656	3T-5857
Diesel	925	31	175-4390	—
1999-93 672, 1102SC	925	31	175-4390	—
<b>Tree Mover</b>				
1970-65 TM-700	485	24F	3T-5858	9X-1382
<b>Tree Spades</b>				
1993-67 TS-30, -44A, -530, -544: ex. w/ Ford engine	485	24	153-5656	3T-5857
w/ Ford engine	485	24F	3T-5858	9X-1382
<b>Trenchers, Ditchmasters</b>				
2000-88 CC135, -145	1000	4D	153-5700	9X-9720
1963-60 36	550	1	8C-3617	8T-9734
1993-85 CC-90, -135	1155	8D	153-5720	101-4000
1993-91 Flex Trak-75, -115	950	31	175-4390	—
1976-63 M-18, -30, -36, -50, -50D, -60, LM18 (Watch polarity!)	365	24(1,2)	153-5656	3T-5857
1971-63 E-30, M-30, -36, -50, -60, -437, -450, -460, -465 (Watch polarity!)	365	24F	3T-5858	9X-1382
1985-62 M-418, -434, -437, -437A, -440, -450, -450D, -455, Dinky Digger	370	24(1,2)	153-5656	3T-5857

**PROPOSITION 65 WARNING:** Battery posts, terminals and related accessories contain lead and lead compounds, chemicals known to the state of California to cause cancer and reproductive harm. **Wash hands after handling.**

**IMPORTANT NOTE: BATTERIES CAN EXPLODE!** Always wear safety glasses AND shield eyes when working around batteries. Always check for proper polarity and sufficient terminal clearance BEFORE final installation to avoid dangerous sparks, potential explosion, possible severe personal injury and/or expensive electrical system and/or vehicle/equipment damage. Always check for proper polarity and sufficient clearances before connecting cables and closing hood or covers.

MAKE EQUIPMENT TYPE YEAR/MODEL	CCA @ 0°F	O.E. BCI NO.	REPLACEMENT	
			OPTION 1	OPTION 2
<b>Trenchers, Ditchmasters (continued)</b>				
1995-83 LM-35, -40, -42	685	29H	3T-5760	115-2422
1993-76 M-455A, -475, -475A, -485, -495	1000	4D	153-5700	9X-9720
1987-68 M-220, -455A, -465A, -470, -470D	365	24(1,2)	153-5656	3T-5857
1993-90 M-5850, -7850, T-450, -455	575	24(1,2)	153-5656	3T-5857
1999-94 OCC-135	1150	8D	153-5720	101-4000
2000-95 P-125, -185	950	31	175-4390	—
1984-65 T-100, -200, -218, -230, -300, -300A, -300B, -400	365	24	153-5656	3T-5857
1984-70 T-400A, -400B, -400C	800	4D	153-5700	9X-9720
2000-91 T-555, T-455	950	31(2)	175-4390	—
1970-64 T-600: w/ Ford Gas engine	485	24F	3T-5858	9X-1382
w/ Diesel engine	550	2(2)	153-5690	8C-3629
1975-67 T-600A: w/ Ford engine	485	24F	3T-5858	9X-1382
1975-69 w/ DD 3-53 engine	1000	4D	153-5700	9X-9720
1968-67 w/ Diesel engine	550	2(2)	153-5690	8C-3629
1993-72 T-600B, -600C, -600D, -850, V-7550, -8050	1000	4D(1,2)	153-5700	9X-9720
1993-76 T-650, -800, -800B, -800C, -800HT, -1450, -1455	1155	8D(1,2)	153-5720	101-4000
2000-90 T-655, -658, -755, -758, -850	950	31(2,3)	175-4390	—
2000-96 T-865, -955, -1055, -1255, -1505	1105	8D(2)	153-5720	101-4000
2000-95 TC4A	425	26R	145-4518	3T-5859
1993-78 V-430, -430A, -440, -450, -455A	575	24(1,2)	153-5656	3T-5857
1991-89 V-1550	310	26	8C-3600	145-4517
1999-94 V-3550	660	29H	3T-5760	115-2422
1993-92 V-4150, -4750	660	30H	3T-5760	115-2422
Optional	575	24(2)	153-5656	3T-5857
1999-91 V-5050, -5800	625	24(1,2)	153-5656	3T-5857
1999-95 V-5750	660	29H	3T-5760	115-2422
1999-88 V-7650, -8050, -8550	1000	4D	153-5700	9X-9720
1975-62 W-1, -1A, -3	365	24	153-5656	3T-5857
1962-58 W-1, -2, -3	550	1	8C-3617	8T-9734
1967-54 4T, 524T	550	1	8C-3617	8T-9734
1967-63 Optional	315	24	153-5656	3T-5857
<b>VERSATILE EQUIPMENT</b>				
<b>FORD-NEW HOLLAND CANADA LTD.</b>				
<i>Additional equipment listed in the Farm Equipment section.</i>				
<b>Loaders</b>				
1999-90 744	750	4DLT	153-5700 Δ	8C-3622
<b>VME AMERICAS, INC.</b>				
<i>Formerly "CLARK MICHIGAN CO.," "EUCLID", "VOLVO" &amp; VME AMERICAS, INC. See Euclid Hitachi Heavy Equipment, Inc.</i>				
<b>VOLVO</b>				
<i>See EUCLID HITACHI HEAVY EQUIPMENT, INC.</i>				
<b>WABCO</b>				
<i>See "HAULPACK DIVISION"</i>				
<b>WACKER CORPORATION</b>				
<b>Generators</b>				
1999-93 G-25, -45, -60, -75	500	27	153-5656	8C-3601
<b>Light Towers</b>				
1999-95 LT-4, -4S, LTP-4, 4S	330	24/24R	153-5656	3T-5857
<b>Pumps</b>				
1995-83 PT5-3H, -4H	225	22NF	3T-5859 ∞	9X-1384 ∞
1991-88 PT6DS, PT6DT	450	24F	3T-5858	9X-1382
1999-92 PT6LT	685	31	175-4370	175-4390

MAKE EQUIPMENT TYPE YEAR/MODEL	CCA @ 0°F	O.E. BCI NO.	REPLACEMENT	
			OPTION 1	OPTION 2
<b>Ride-On Trowels</b>				
1999-95 CRT36 & -46 ASO, ASN, KHN	400	26	8C-3600	145-4517
<b>Rollers</b>				
1995-90 RD880V	225	22NF	3T-5859 ∞	9X-1384 ∞
1995-87 RSS800A	260	NA	—	—
1999-89 RT560, RT820, R1000, R1000B, R1000S	685	31	175-4370	175-4390
1989-84 R1000, R1000B, R1000S	450	24F	3T-5858	9X-1382
1984-79 R900, R900S	220	24	153-5656	3T-5857
1994-81 WHK 90A, -90L, -50100, WDH86-110	225	22F	3T-5859	9X-1384
1995-87 W74A	260	NA	—	—
<b>Diesel Vibro Plates</b>				
1999-84 DPU 5055, -6055, -6760, -7060	255	22F	3T-5859	9X-1384
<b>WAGNER DIVISION</b>				
<i>See "ALLIED SYSTEMS CO."</i>				
<b>WAGNER, FWD</b>				
<i>See "FWD-WAGNER"</i>				
<b>WAGNER MINING EQUIPMENT CO.</b>				
<b>Loaders</b>				
1989-66 JS-500, HST-1A, ST1, ST-2A, ST-3-1/2	540	30H(1,2)	3T-5760	115-2422
1984-72 MS-1F, -1H, -1 1/2, -2, -3, -3A	950	4D(1,2)	153-5700	9X-9720
1971-60 MS-1F, -1H, -1 1/2	540	30HR	3T-5760	115-2422
1967-60 MS-2, -3, SD-2-1/2, -3, ST-5,	815	4D(1,2)	153-5700	9X-9720
1984-63 ST-1, -1 1/2, -1 1/2A, HST-5, SD-2 1/2, -3	950	4D(1,2)	153-5700	9X-9720
1989-81 ST-1.3A	600	31	175-4370	175-4390
1989-66 ST-2B, -2C, -2D, -3, -6C, -8, -8A, -11, -13	950	4D(1,2)	153-5700	9X-9720
1989-61 ST-4A, -4C, -5, -5A, -5B, -5D, -5E, -5H	950	4D(2)	153-5700	9X-9720
<b>Personnel Transports</b>				
1971-63 PT-10, -14, -30	540	30HR	3T-5760	115-2422
1984-72 PT-10, PT-14	950	4D	153-5700	9X-9720
1989-67 UT-42, -45A	540	30H(2,3)	3T-5760	115-2422
Optional	950	4D	153-5700	9X-9720
<b>Supply Carriers</b>				
1971-63 LT-, TT-, UT-410	540	30HR	3T-5760	115-2422
1984-65 TT-410A, UT-410A, -F20, LT-410A, FT-410A, -Z, PM-22	950	4D(1,2)	153-5700	9X-9720
1984-79 DC-07	600	31(2)	175-4370	175-4390
1971 HPT-5	540	30H	3T-5760	115-2422
<b>Trucks</b>				
1984-72 MF-F10	950	4D	153-5700	9X-9720
1977-72 MT-F10-C	695	4D(1,2)	153-5700	9X-9720
1967-60 MT-F10-C, MTP-F10, -F12-30	540	30HR	3T-5760	115-2422
1984-62 MT-F15	540	30H(2)	3T-5760	115-2422
Optional	815	4D(2)	153-5700	9X-9720
1989-66 MT-F25-35, -44, MT-F28	950	4D(2)	153-5700	9X-9720
1984-72 MT-F50-26	1000	8D(2)	153-5720	101-4000
1989-78 MT-411-30, -413-30	600	31(2)	175-4370	175-4390

**PROPOSITION 65 WARNING:** Battery posts, terminals and related accessories contain lead and lead compounds, chemicals known to the state of California to cause cancer and reproductive harm. **Wash hands after handling.**



**INDUSTRIAL EQUIPMENT****WAGNER MINING EQUIPMENT CO. — WORTHINGTON COMPRESSORS, INC.**

**IMPORTANT NOTE: BATTERIES CAN EXPLODE!** Always wear safety glasses AND shield eyes when working around batteries. Always check for proper polarity and sufficient terminal clearance BEFORE final installation to avoid dangerous sparks, potential explosion, possible severe personal injury and/or expensive electrical system and/or vehicle/equipment damage. Always check for proper polarity and sufficient clearances before connecting cables and closing hood or covers.

MAKE EQUIPMENT TYPE YEAR/MODEL	CCA @ 0°F	O.E. BCI NO.	REPLACEMENT	
			OPTION 1	OPTION 2
<b>Trucks (continued)</b>				
1989-75 MT-414-30, -416-30, -420-30, -245-30/433-30	950	4D(2)	153-5700	9X-9720
1989-67 MT-435-32, MTP-F10, -F12-30, MTP-410-30	950	4D(1,2)	153-5700	9X-9720
1984-69 MTT-F10, -F25-23, -F26-23	540	30H	3T-5760	115-2422
1989-66 MTT-F15, -F20, -F20-23, -R15, -F20-24, -27A	950	4D(1,2)	153-5700	9X-9720
1984-61 MTT-F40-44, -R40, -413, -415, -420, -425	950	4D(2)	153-5700	9X-9720
1989-61 MTT-415, -415-22, -417-25, -419-32, -435-20, -610A	950	4D(2)	153-5700	9X-9720
1989-63 MTT-420-27A, -27B, -30, -38, -422-30, -423-38	950	4D(2)	153-5700	9X-9720
1984-63 MTT-425, -425-34, -425-36, -46, -426-23	950	4D(2)	153-5700	9X-9720
1984-68 MTT-425-28	1000	8D(2)	153-5720	101-4000
1984-69 MTT-426-23A, HPT-5, UT-F20	540	30H	3T-5760	115-2422
1984-66 HMTT-410, PM-22	950	4D(1,2)	153-5700	9X-9720
<b>WALDON, INC.</b>				
<b>Aerial Lifts</b>				
1998-88 Sky Van, Sky Jacker	1150	8D(2)	153-5720	101-4000
<b>Dozers</b>				
1999-98 LD80, WD80	850	34/78	127-0826	—
1999-85 6000B: Diesel, 6000C: Gas & Diesel, 8500C: Gas & Diesel	460	26R(2)	145-4518	—
1999-95 7000, 7500: Diesel (Best fit estimate)	875	34/78	127-0826	—
1988-84 8500B (Best fit estimate)	650	71	156-5660 Ω	7X-6100
1982-81 4500: Gas & Diesel	625	31	175-4370	175-4390
1982-75 5000, 5200: Gas & Diesel	505	24	153-5656	3T-5857
1982-78 6000: Gas, Diesel (Requires 2 batts.)	405	22F(1,2)	3T-5859	9X-1384
1982-75 Optional	505	24	153-5656	3T-5857
1984-81 8500: Gas & Diesel	625	31	175-4370	175-4390
<b>Loaders</b>				
1999-83 4100, 5100: Gas & Diesel	625	31	175-4370	175-4390
1999-91 4500B: Gas & Diesel	625	31	175-4370	175-4390
<b>Sweepers</b>				
1999-98 Lay-Mor 8C	950	31	175-4390	—
1999-94 Lay-Mor 6HB, 8B, 6HC, 8HC	675	34/78	127-0826	—
1999-98 Sweepmaster 250	950	31	175-4390	—
1991-85 Sweepmaster Diesel	460	26R(2)	145-4518	—
1997-91 Sweepmaster B: Diesel, Sweepmaster II: Diesel	950	31	175-4390	—
<b>WARD LAFRANCE TRUCK CORP.</b>				
<b>Aerials, Pumpers, Snorkels</b>				
1977-66 A-80, P-80, P-82, P-85, S-80	935	8D(2)	153-5720	101-4000
<b>WARNER &amp; SWASEY CO.</b>				
See "DUPLEX DIVISION"				
<b>WATSON</b>				
See "TODCO DIVISION"				
<b>WEST BRICK BUGGY</b>				
See "KOEHRING-CONSTRUCTION EQUIPMENT DIVISION"				

MAKE EQUIPMENT TYPE YEAR/MODEL	CCA @ 0°F	O.E. BCI NO.	REPLACEMENT	
			OPTION 1	OPTION 2
<b>WESTINGHOUSE AIR BRAKE CO.</b>				
See also "LETOURNEAU-WESTINGHOUSE"				
<b>Air Compressors</b>				
1971-70 85RG1, 125RG1A, -1B, 150G1, 170RG2	375	3EE	8C-3620	—
1971-70 125TA	325	24	153-5656	3T-5857
1971-70 125RD1, 150RD1, 170RD1	525	30H	3T-5760	115-2422
1971-70 365SD1, 450RD2, 900SD1	800	4D(1,2)	153-5700	9X-9720
1971-70 600SD1, 600RD2	975	8D	153-5720	101-4000
<b>WHITEMAN MFG. CO.</b>				
<b>Concrete Equipment</b>				
1978-69 B-85	360	24	153-5656	3T-5857
1983-59 DB-60 Cart-Powered	235	U1	8C-3636	—
1978-65 P-40G, P-60D, P-80D Pumps	330	24(1,4)	153-5656	3T-5857
<b>Fork Lifts &amp; Power Buggies</b>				
1990-58 M-WLS-1000 Lift, WBH-16E Buggy	235	U1	8C-3636	—
<b>Twin Finishing Machines</b>				
1990-80 All	235	U1	8C-3636	—
<b>WHITE-OLIVER</b>				
See also "OLIVER"				
<b>Industrial Wheel Tractors</b>				
1968-66 2-44: Gas	400	60	—	—
Diesel	500	1(2)	8C-3617	8T-9734
1968-66 2-62, 2-78, 4-78: Gas	750	6D	153-5700	9X-9720
Diesel	800	5D(2)	8C-3633	8T-9733
<b>WHITMAN &amp; ROBINSON, INC.</b>				
<b>Sidewalk Snow Plow Tractors w/ 4-Wheel Drive</b>				
1975-58 Cayuga A, L, LB, W	300	29NF	3T-5858 π	9X-1382 π
<b>WINCHARGER</b>				
See "DYNA-TECHNOLOGY, INC."				
<b>WITTE ENGINES CORP.</b>				
See "LISTER PETER INC."				
<b>WOOD CHUCK CHIPPER CORP.</b>				
Formerly "SAFETY TEST & EQUIPMENT CO."				
<b>Wood Chuck Chippers</b>				
1984-71 w/ CA12 & w/ CA16: Gas	330	24	153-5656	3T-5857
Diesel	510	30H	3T-5760	115-2422
<b>WORTHINGTON COMPRESSORS, INC.</b>				
In the absence of a cranking performance specification supplied by the original equipment vehicle manufacturer, the rating shown is based on battery industry consensus.				
<b>Portable Air Compressors</b>				
1976-64 85; 125: IHC C-175	315	24	153-5656	3T-5857
1971-65 125: Hercules GD2300	750	6D	153-5700	9X-9720

**PROPOSITION 65 WARNING:** Battery posts, terminals and related accessories contain lead and lead compounds, chemicals known to the state of California to cause cancer and reproductive harm. **Wash hands after handling.**



**WORTHINGTON COMPRESSORS, INC. — YOUNG OTTAWA, INC.**

**IMPORTANT NOTE: BATTERIES CAN EXPLODE! Always wear safety glasses AND shield eyes when working around batteries. Always check for proper polarity and sufficient terminal clearance BEFORE final installation to avoid dangerous sparks, potential explosion, possible severe personal injury and/or expensive electrical system and/or vehicle/equipment damage. Always check for proper polarity and sufficient clearances before connecting cables and closing hood or covers.**

MAKE EQUIPMENT TYPE YEAR/MODEL	CCA @ 0°F	O.E. BCI NO.	REPLACEMENT	
			OPTION 1	OPTION 2
<b>Portable Air Compressors (continued)</b>				
1976-66 160: IHC C-200, Hercules G2300	315	24	153-5656	3T-5857
Bedford, Deere: Diesel	430	3ET(2)	8C-3620	—
Hercules D2300	750	6D	153-5700	9X-9720
1976-64 250	580	3(2)	153-5690	8C-3630
1976-64 365 GM 4-71, 600 SS,	875	7D(2)	8C-3635	8T-9731
1976-64 600: Cummins 24V	875	7D(2)	8C-3635	8T-9731
1976-67 Cummins 12V, GM 6-71N	875	8D	153-5720	101-4000
1976-70 175: Hercules D-2300	640	4D	153-5700	9X-9720
Hercules G-2300	315	24	153-5656	3T-5857
1976-73 750, 850	875	7D(2)	8C-3635	8T-9731
Optional	875	8D(2)	153-5720	101-4000
1976-64 900TS, 1050	875	8D(2)	153-5720	101-4000
1976-73 1150	640	4D(2)	153-5700	9X-9720
<b>Early Models - Portable Air Compressors, Reciprocating Type</b>				
1959-46 60, 75	550	1	8C-3617	8T-9734
1956-43 105, 125, 160	690	3(1,2)	153-5690	8C-3630
1956-43 210: Cont. B-427	790	5	8C-3633	8T-9733
IHC UD-14A	690	3(2)	153-5690	8C-3630
1956-43 315, 600 ex. Murphy 220	790	4(2)	8C-3633	8T-9733
<b>Portable Air Compressors, Rotary Type</b>				
1967-63 85	315	24	153-5656	3T-5857
1967-60 125, 160: Cont. G-193, Herc. G2300 eng.	315	24	153-5656	3T-5857
Cont. GD-193, Herc. D2300	900	6D	153-5700	9X-9720
1963-55 Herc. DD198, JX4D	690	3(2)	153-5690	8C-3630
1967-56 210, 250: All models	690	3(1,2)	153-5690	8C-3630
1963-56 315, 365, 600T.S.: Cummins eng.	900	8D(2)	153-5720	101-4000
1963-55 GM 3057-C, 6057-C	790	4(2)	8C-3633	8T-9733
1967-64 GM 4-71	880	7D(2)	8C-3635	8T-9731
1965-63 600 S.S.	880	7D(4)		
1967-60 900 T.S.	900	8D(2)	153-5720	101-4000

MAKE EQUIPMENT TYPE YEAR/MODEL	CCA @ 0°F	O.E. BCI NO.	REPLACEMENT	
			OPTION 1	OPTION 2
<b>YALE &amp; TOWNE</b>				
<b>Material Handling Trucks</b>				
1973-58 DP3P & D5: Series 150 thru 220	825	4D	153-5700	9X-9720
1973-63 D51P: Series 030, 040, 050	500	30H	3T-5760	115-2422
1973-58 G-3H, -3P, -5: Series 150 thru 220, G-54P, G-54C	325	24	153-5656	3T-5857
1973-63 G-51C, -P: Series 030 thru 100	300	29NF	3T-5858 π	9X-1382 π
1973-58 G-, GC-, GP-52	525	2E	8C-3632 Δ	—
1953-52 KD Series -40, -50	525	1(2)	8C-3617	8T-9734
1973-58 KD Series -60H, -70, -80; KDP Series -60H, -70, -80	885	6D	153-5700	9X-9720
1963-54 KDP Series -40, -60	885	1B	153-5700 ∞	9X-9720 ∞
1973-58 KG, KGP, KGS Series	525	1	8C-3617	8T-9734
<b>Industrial Tractors &amp; Tractor Shovels</b>				
1971-58 G10P Series 030, 040, -050	525	1	8C-3617	8T-9734
1973-58 KG-, KGA-, KGP-, KGPA-51, Y-18	525	1	8C-3617	8T-9734
<b>YOUNG OTTAWA, INC</b>				
<b>See "OTTAWA STEEL PRODUCTS"</b>				

**Industrial Equipment Replacement Footnote Codes:**

- ≈ Replacement battery is taller than O.E. **Check height clearance carefully before closing hood or cover to avoid sparks, battery explosion, electrical system and/or vehicle damage and fire!**
- ∞ Replacement battery is wider than O.E. Hold-down and/or tray replacement may be necessary.
- π Replacement battery is longer than O.E. Hold-down and/or tray replacement may be necessary.
- # Replacement battery is longer and wider than O.E. Hold-down and/or tray replacement may be necessary.
- ¥ Check O.E. CCA requirements. **Replacement CCA may not be sufficient.**
- Ω Replacement battery is longer and taller than O.E. **Check height clearance carefully to avoid sparks, battery explosion, electrical system and/or vehicle damage and fire.** Hold-down and tray replacement may be necessary.
- ≠ Battery hold-down may need to be replaced and/or modified. Battery cable replacement may be necessary.
- Δ Replacement battery is wider and taller than O.E. **Check height clearance carefully to avoid sparks, battery explosion, electrical system and/or vehicle damage and fire.** Hold-down and/or tray replacement may be necessary.
- § O.E. battery has reverse terminals. **WATCH POLARITY!** Cable replacement may be necessary.

**PROPOSITION 65 WARNING:** Battery posts, terminals and related accessories contain lead and lead compounds, chemicals known to the state of California to cause cancer and reproductive harm. **Wash hands after handling.**

# FARM EQUIPMENT

## AG CHEM EQUIPMENT CO. — BLACKWELDER MFG. CO.

**IMPORTANT NOTE: BATTERIES CAN EXPLODE! Always wear safety glasses AND shield eyes when working around batteries.**

**Always check for proper polarity and sufficient terminal clearance BEFORE final installation to avoid dangerous sparks, potential explosion, possible severe personal injury and/or expensive electrical system and/or vehicle/equipment damage. Always check for proper polarity and sufficient clearances before connecting cables and closing hood or covers.**



MAKE EQUIPMENT TYPE YEAR/MODEL	CCA @ 0°F	O.E. BCI NO.	REPLACEMENT	
			OPTION 1	OPTION 2
<b>AG CHEM EQUIPMENT CO.</b>				
<b>Irrigation Equipment</b>				
Rogator 554, 856, Terragator 8103, 1903	700	31(2)	175-4370	175-4390
<b>AGCO-ALLIS, ARGO-STAR, DEUTZ AND DEUTZ</b>				
<i>Formerly "DEUTZ-ALLIS DIV." or "WHITE-NEW IDEA DIV."</i>				
<b>Gleaner Combines</b>				
1987 FR, F2, F3	580	24(2)	153-5656	3T-5857
1986-75 FR, F2, F3, MH2, N5, N6, N7	580	24(2)	153-5656	3T-5857
1995-87 R40, R42, R42A, R50, R52, R53A	580	24(2)	153-5656	3T-5857
1995-87 R60, R62, R62A, R72, R72A, R70	580	24(3)	153-5656	3T-5857
2000-93 R42L, R52L, R62L, R72L	600	24(3)	153-5656	3T-5857
<b>Agco-Allis, Argo-Star, Deutz And Deutz Farm Tractors</b>				
1997-91 4650	470	48	8C-3605	—
2000-91 4660, 5650, 5660, 5670, 5680, 6670, 6680, 6690	470	48	8C-3605	—
2000-93 8745, 8765, 8775, 8785 9630, 9635, 9650, 9655, 9670, 9735, 9745, 9755, 9765, 9775, 9785	600	24(2)	153-5656	3T-5857
1991-90 6150	490	30H	3T-5760	115-2422
1991-84 6240, 6250, 6260, 6265, 6275, 7085, 7110, 7129	750	4DLT	153-5700 Δ	8C-3622
1997-91 7600	500	49	8C-3605	—
1989-84 7145	880	4EH(2)	8C-3632 ¥	—
1997-91 7630, 7650, 8610, 8630	630	4DLT	153-5700 Δ	8C-3622
2000-95 8360, 8425	700	31(3)	175-4370	175-4390
1993-89 9130, 9150, 9170, 9190	580	24(2)	153-5656	3T-5857
1972-68 D25-06	380	30H	3T-5760	115-2422
1972-68 D90-06	695	4DLT	153-5700 Δ	8C-3622
1986-68 D3006, D3607, D4006, D4506	520	30H	3T-5760	115-2422
1986-81 D4507, D4507A, D5207, D5207A	520	30H	3T-5760	115-2422
Optional	750	4DLT	153-5700 Δ	8C-3622
1980-69 D5206, D5506	520	30H	3T-5760	115-2422
1975-69 D6006	750	4DLT	153-5700 Δ	8C-3622
1983-74 D6206, D6207	520	30H	3T-5760	115-2422
Optional (D6207)	750	4DLT	153-5700 Δ	8C-3622
1986-79 D6507, -A, -C, -CA, D6806, -6807	750	4DLT	153-5700 Δ	8C-3622
1986-74 D7007, -A, -C, -CA, D7206	750	4DLT	153-5700 Δ	8C-3622
1986-70 D7807, -A, -C, -CA, D8006, D10006	750	4DLT	153-5700 Δ	8C-3622
1979-72 D13006	760	4D	153-5700	9X9720
<b>DX &amp; DC Series:</b>				
1984-79 DX90, -90A, -110, -120, -120A	750	4DLT	153-5700 Δ	8C-3622
1984-79 DX130, DC130A, DC140A	810	4EH(2)	8C-3632 ¥	—
1986-79 DX160, -160A, -7.10, -7.10A	810	4EH(2)	8C-3632 ¥	—
1986-85 DX3.10, DX3.10A, DX3.30, DX3.30A, DX3.50, DX350A, DX370, DX3.70A, DX3.90, DX3.90A	750	4DLT	153-5700 Δ	8C-3622
1986-84 DX4.70, DX4.70A, DX6.30, DX6.30A	750	4DLT	153-5700 Δ	8C-3622
1986-84 DX6.50, DX6.50A	750	4DLT	153-5700 Δ	8C-3622
1986-85 DX8.30, INTRAC	750	4DLT(1,2)	153-5700 Δ	8C-3622
<b>Wheel Farm Tractors</b>				
1995-94 6215, 9435, 9455, 9815	600	24(2)	153-5656	3T-5857
1994-91 4650	470	48	8C-3605	—
1994-91 4660, 5680, 5760, 6065 ROPS, 6065C, 6085	470	49	8C-3605	—
1994-91 6105 (Best fit estimate)	630	4DLT	153-5700 Δ	8C-3622
1995-93 6125, 6145, 6175, 6195, 6124, 6144	600	24(2)	153-5656	3T-5857

MAKE EQUIPMENT TYPE YEAR/MODEL	CCA @ 0°F	O.E. BCI NO.	REPLACEMENT	
			OPTION 1	OPTION 2
<b>Wheel Farm Tractors (continued)</b>				
1994-91 6670, 6680, 6690, 7600	500	49	8C-3605	—
1994-91 7630, 7650, 8610, 8630 (Best fit estimate)	770	4DLT	153-5700 Δ	8C-3622
1995-93 9630, 9650, 9670, 9690, 9635, 9655, 9675, 9695	600	24(2)	153-5656	3T-5857
<b>ALLIS-CHALMERS &amp; DEUTZ-ALLIS</b>				
<i>Additional equipment is listed in the Industrial Equipment section. Some ratings for older models are based upon 5-1/4 times the 20HR rate.</i>				
<b>Wheel Farm Tractors</b>				
1962-37 B, CA, D10, D12, D14, G, IB	465	1	8C-3617	8T-9734
1968-63 D10, D12	235	22F	3T-5859	9X-1384
1968-60 D15: Gas, Diesel (Front)	340	24	153-5656	3T-5857
1968-63 D15: Diesel (Rear)	340	29NF	3T-5858 π	9X-1382 π
1968-57 D17: Gas	410	24	153-5656	3T-5857
Diesel	570	2(2)	153-5690	8C-3629
1962 D19: Gas	465	1	8C-3617	8T-9734
1964-63 D19: Gas	340	24	153-5656	3T-5857
1964-62 D19: Diesel	610	2(2)	153-5690	8C-3629
1969-63 D21	420	30H (2,4)	3T-5760	115-2422
1967-64 I-40, I-400	235	22F	3T-5859	9X-1384
1966-65 I-60: Gas, Diesel (Front)	340	24	153-5656	3T-5857
1966-65 I-60: Diesel (Rear)	340	29NF	3T-5858 π	9X-1382 π
1967-66 I-600: Gas, Diesel (Front)	340	24	153-5656	3T-5857
1967-66 I-600: Diesel (Rear)	340	29NF	3T-5858 π	9X-1382 π
1974-67 160, 170: Diesel	420	30H	3T-5760	115-2422
1974-67 170: Gas	340	24	153-5656	3T-5857
1981-67 175, 180, 185: Diesel	580	30H(1,2)	3T-5760	115-2422
1972-64 190: Gas, Diesel, LPG	420	30H(1,2)	3T-5760	115-2422
1957-47 WD, WD-45	465	1(1,2)	8C-3617	8T-9734
1975-69 200, 210, 220: Diesel	420	30H(1,2,4)	3T-5760	115-2422
1976-72 440: Diesel	945	8D(2)	153-5720	101-4000
1985-77 5015, 5020, 5030	305	24F	3T-5858	9X-1382
1985-75 5040, 5050: Diesel	580	30H(1,2)	3T-5760	115-2422
1985-82 6040, 6060, 6070, 6080, 6140: Diesel	580	30H	3T-5760	115-2422
1981-73 7000, 7010, 7020, 7030, 7040, 7050: Diesel	580	30H(1,2)	3T-5760	115-2422
1981-75 7045, 7060, 7080, 7580: Diesel	420	30H(2,4)	3T-5760	115-2422
1981-77 8550: Diesel	580	30H(4)	3T-5760	115-2422
1985-82 8010, 8030, 8050, 8070: Diesel	420	30H(2)	3T-5760	115-2422
Optional	625	31(2)	175-4370	175-4390
1985-82 4W-220: Diesel, 4W-305: Diesel	625	31(2,4)	175-4370	175-4390
<b>AVCO NEW IDEA</b>				
<b>See "WHITE-NEW IDEA"</b>				
<b>BLACKWELDER MFG. CO.</b>				
<i>In the absence of a cranking performance specification supplied by the original equipment vehicle manufacturer, the rating shown is based upon battery industry consensus.</i>				
<b>Tomato Harvester</b>				
1976-75 Diesel: 6-volt	570	2	153-5690	8C-3629
Diesel: 12-volt	460	12T	153-5656	3T-5857

**PROPOSITION 65 WARNING:** Battery posts, terminals and related accessories contain lead and lead compounds, chemicals known to the state of California to cause cancer and reproductive harm. **Wash hands after handling.**

**IMPORTANT NOTE: BATTERIES CAN EXPLODE! Always wear safety glasses AND shield eyes when working around batteries. Always check for proper polarity and sufficient terminal clearance BEFORE final installation to avoid dangerous sparks, potential explosion, possible severe personal injury and/or expensive electrical system and/or vehicle/equipment damage. Always check for proper polarity and sufficient clearances before connecting cables and closing hood or covers.**

MAKE EQUIPMENT TYPE YEAR/MODEL	CCA @ 0°F	O.E. BCI NO.	REPLACEMENT	
			OPTION 1	OPTION 2
<b>CASE INTERNATIONAL &amp; J.I. CASE</b>				
<b>INTERNATIONAL HARVESTER</b>				
<i>Additional equipment is listed in the Industrial Equipment and Lawn &amp; Garden Tractor sections. In the absence of a cranking performance specification supplied by the original equipment vehicle manufacturer, the rating shown is based upon battery industry consensus.</i>				
<b>Combines</b>				
2000-95 2144, 2166, 2188	950	31(2)	175-4390	—
1986-77 1420, 1440, 1460, 1470 Hillside	520	24(2)	153-5656	3T-5857
1986-77 1460 Rice, 1480	520	24(2)	153-5656	3T-5857
1993-85 1620, 1640, 1660, 1670, 1680	950	31(2)	175-4390	—
1991-85 1682 Pull	625	31	175-4370	175-4390
<b>Cotton Harvesters</b>				
1986-81 1400	470	24(2)	153-5656	3T-5857
<b>Cotton Pickers</b>				
1997-95 2555, 2155	700	31(2)	175-4370	175-4390
1986-81 782	470	24(2)	153-5656	3T-5857
1993-85 1822, 1844, 2022, 2044, 2055	700	31(2)	175-4370	175-4390
<b>Hay &amp; Forage Harvesters</b>				
1991-75 4000, 5000	625	31	175-4370	175-4390
1993-88 8830: Gas	420	24F	3T-5858	9X-1382
1993-88 8830: Diesel, 8840	600	24F(2)	3T-5858	9X-1382
<b>Sprayer</b>				
2000-98 4260	950	31(2)	175-4390	—
<b>Wheel Tractors</b>				
2000-98 C & CX Series: C50, C60, CX50, CX60	650	31P	3T-5760	115-2422
CX80, C90, C100	650	31P	3T-5760	115-2422
2000-98 MX Series: MX80, MX90, MX100	760	31	175-4370	175-4390
MX100, MX120, MX135	1000	31P	115-2422	115-2421
MX110, MX1520, MX170	1000	31P(2)	115-2422	115-2421
MX180, MX200, MX220	1000	31P(2)	115-2422	115-2421
1969-62 Comfort King Series: 430, 530	460	1(2)	8C-3617	8T-9734
440, 540	290	24	153-5656	3T-5857
730, 730C, 830, 930C, 940	645	4(2)	8C-3633	8T-9733
740, 740C, 840, 840C	370	27	153-5656	8C-3601
1030	570	30H(2)	3T-5760	115-2422
930	875	7D(2)	8C-3635	8T-9731
1964-47 Cub, Cub Lo-Boy	550	1	8C-3617	8T-9734
1968-65 Cub, Cub Lo-Boy	250	20H	8C-3600 π	—
1968-62 Cub Cadet	160	U1	8C-3636	—
1954-47 A, AV, A-1, AV-1, Super C, Super H, HV	550	1	8C-3617	8T-9734
1955-41 D, DC, DI, DO, DS, DV, ID-6	525	2(1,2)	153-5690	8C-3629
1954-41 I-A, I-4	550	1	8C-3617	8T-9734
1953-41 I-6	600	3	153-5690	8C-3630
1955-41 I-9, LA, LAH, LAI	645	4	8C-3633	8T-9733
1952 Super MD, MDV	525	2(2)	153-5690	8C-3629
1953 Super MD, MDV	370	27	153-5656	8C-3601
1954 Super M-TA, M-TAV	600	3	153-5690	8C-3630
1954 Super M-TAD, M-TADV, W-6TAD	370	27	153-5656	8C-3601
1964-41 "S" Series, "V" Series, W-3D, Super W-4	550	1	8C-3617	8T-9734
1965-59 W-3G, -5G, -5D, -5AD, -5AG	315	24	153-5656	3T-5857
1954-52 Super W-6, W-6TA	600	3	153-5690	8C-3630
1959-52 Super WD-6, 200B	525	2(1,2)	153-5690	8C-3629
1964-60 W-3D	440	1(2)	8C-3617	8T-9734
1965-59 W-3G, W-5G, W-5D, W-5AD, W-5AG	315	24	153-5656	3T-5857
1965-59 W-7G, W-9AG, W-9G	370	27	153-5656	8C-3601

MAKE EQUIPMENT TYPE YEAR/MODEL	CCA @ 0°F	O.E. BCI NO.	REPLACEMENT	
			OPTION 1	OPTION 2
<b>Wheel Tractors (continued)</b>				
1965-41 W-7D, -9AD (1964-63), -9, WR-9, WR-9S	645	4(1,2)	8C-3633	8T-9733
1965-59 W-9AD, -9D, -9BD, -9BG, -10D, -12D	570	30H(1,2)	3T-5760	115-2422
1955-41 WD-9, WDR-9: Incl. Super models	600	3(2)	153-5690	8C-3630
1980-75 Hydro 70, Hydro 86	470	24	153-5656	3T-5857
1976-75 Optional	600	2(2)	153-5690	8C-3629
1986-79 Hydro 84	605	27	153-5656	8C-3601
1976-75 Hydro 100	850	4EH(2)	8C-3632 ¥	—
1964-55 100, 100HC, 130, 130HC, 140, 140HC	600	1	8C-3617	8T-9734
1976-65 140, 140HC	235	20H	8C-3600 π	—
1993-75 184, 185, 235	245	22NF	3T-5859 ∞	9X-1384 ∞
1981-77 Hydro 186	470	24	153-5656	3T-5857
1971-55 200, 230, 210B, 211B, 240, 240 Utility, 340	550	1	8C-3617	8T-9734
1986-82 234, 244, 254	600	24	153-5656	3T-5857
1993-87 245, 255, 265, 275	310	24	153-5656	3T-5857
1987-78 274, 284, 360B, 384	605	27	153-5656	8C-3601
1959-55 300, 300B, 300 Utility, 301B, 310B, 330 Utility	550	1(1,2)	8C-3617	8T-9734
1961-55 300, 300HC: LPG, 340D, 340D Utility	370	27	153-5656	8C-3601
1961-58 311B, 320: Gas, Diesel (1960-59)	300	24	153-5656	3T-5857
1961-58 320, 320B: Diesel, 320G, 340 Series	550	1(1,2)	8C-3617	8T-9734
1957 350 Series: all models	370	24	153-5656	3T-5857
1977-76 364	455	30H	3T-5760	115-2422
1993-86 385, 395	625	30H	3T-5760	115-2422
1957-55 400: Gas	600	1	8C-3617	8T-9734
Diesel	645	4(2)	8C-3633	8T-9733
1956-55 Farmall 400, 400HC, W-400: Gas	600	3	153-5690	8C-3630
LPG, Diesel: W400, W400D, W400DHC	370	27	153-5656	8C-3601
1968-62 404	245	22NF	3T-5859 ∞	9X-1384 ∞
1957-55 410, 411, 412, 413, 414, 425	645	4	8C-3633	8T-9733
1962-55 410B, 411B, 420, 420B, -BD, -C, M420	300	24	153-5656	3T-5857
1968-62 B414: Diesel	440	1(2)	8C-3617	8T-9734
1968-66 424, 444: Gas	245	22NF	3T-5859 ∞	9X-1384 ∞
1968-66 424, 444: Diesel	390	30H	3T-5760	115-2422
1986-57 425, 484	605	27	153-5656	8C-3601
1969-60 430, 431	440	1(2)	8C-3617	8T-9734
1968-60 440, 441; B414: Gas	290	24	153-5656	3T-5857
1957 450 Models: ex below	370	27	153-5656	8C-3601
International W-450	600	3	153-5690	8C-3630
1977-62 454, 464, 504, 504LPG, 574	225	22NF	3T-5859 ∞	9X-1384 ∞
1962-58 460; 460HC, 460 Utility (Gas, LPG)	315	24	153-5656	3T-5857
1962-58 460D, 460D Utility, 460DHC	440	1(2)	8C-3617	8T-9734
1993-86 485, 495	650	30H	3T-5760	115-2422
1960-53 500, 520	875	7D	8C-3635	8T-9731
1959-58 500B, 510B, 511B	300	24	153-5656	3T-5857
1968-62 504D	390	30H	3T-5760	115-2422
1965-60 530, 530C, 530SL Diesel, 531, 531C	290	1(2)	8C-3617	8T-9734
1965-62 530SL, 540, 540C, 541, 541C	290	24	153-5656	3T-5857
1962-59 544B, 644C	300	29NF	3T-5858 π	9X-1382 π
1962-58 560, 560HC: Gas, LPG	315	24	153-5656	3T-5857
1977-58 560D, 574 H.S., 606D	620	2(2)	153-5690	8C-3629
1986-79 584	605	27	153-5656	8C-3601
1956 International 600	370	27	153-5656	8C-3601
1956 International 600D	600	3(2)	153-5690	8C-3630
1959-56 600, 610, 620	875	7D(2)	8C-3635	8T-9731
1968-58 600B, 606, 606LPG, 610B, 611B, 614B	300	24	153-5656	3T-5857
1964-60 630, 630C, 631, 631C, 632, 632C, 634, 634C	440	1(2)	8C-3617	8T-9734
1964-60 640, 640C, 641, 641C, 642, 642C	290	24	153-5656	3T-5857
1961-57 650, 650LPG	370	27	153-5656	8C-3601
1961-57 650D	580	3(2)	153-5690	8C-3630
1968-66 656: Gas	290	24	153-5656	3T-5857
1968-59 656: Diesel, 660D	580	3(2)	153-5690	8C-3630
1962-59 660, 660LPG	315	24	153-5656	3T-5857
1979-66 666, 686	470	24	153-5656	3T-5857

**PROPOSITION 65 WARNING:** Battery posts, terminals and related accessories contain lead and lead compounds, chemicals known to the state of California to cause cancer and reproductive harm. **Wash hands after handling.**

Refer to page 67 for explanation of Farm Equipment replacement footnotes.



# FARM EQUIPMENT

## CASE INTERNATIONAL & J.I. CASE — DEERE, JOHN

**IMPORTANT NOTE: BATTERIES CAN EXPLODE! Always wear safety glasses AND shield eyes when working around batteries.**

**Always check for proper polarity and sufficient terminal clearance BEFORE final installation to avoid dangerous sparks, potential explosion, possible severe personal injury and/or expensive electrical system and/or vehicle/equipment damage. Always check for proper polarity and sufficient clearances before connecting cables and closing hood or covers.**

MAKE EQUIPMENT TYPE YEAR/MODEL	CCA @ 0°F	O.E. BCI NO.	REPLACEMENT	
			OPTION 1	OPTION 2
<b>Wheel Tractors (continued)</b>				
1977-66 666 H.S.	650	2(2)	153-5690	8C-3629
1977-76 674	245	22NF	3T-5859 ∞	9X-1384 ∞
1986-69 684, 770, 784	605	27	153-5656	8C-3601
1993-86 685, 695, 785, 795	625	30H	3T-5760	115-2422
1965-57 700, 701, 702, 703, 705, 730, 730C, 731, 731C, 732, 732C, 733, 733C	645	4(2)	8C-3633	8T-9733
1968-63 706, 706LPG, 806, 806LPG	320	3EE	8C-3620	—
1974-63 706D, 756	590	2E(2)	8C-3632 Δ	—
1959-57 710, 711, 712, 713, 715	390	27	153-5656	8C-3601
1965-60 740, 740C, 741, 741C, 742, 742C, 743, 743C	370	27	153-5656	8C-3601
1979-63 766, 806D	810	3EH(1,2)	8C-3632	—
1981-80 786	625	2(2)	153-5690	8C-3629
1959-57 800, 801, 802, 803, 805	645	4(2)	8C-3633	8T-9733
1959-57 810, 811, 812, 813	370	27	153-5656	8C-3601
1965-60 830, 830C, 831, 831C, 832, 832C, 833, 833C	645	4(2)	8C-3633	8T-9733
1965-60 840, 840C, 841, 841C, 842, 842C, 843, 843C	370	27	153-5656	8C-3601
1968-67 856: Gas, LPG	320	3EE	8C-3620	—
1968-67 856: Diesel	850	4EH(2)	8C-3632 ¥	—
1976-69 870	545	30H(2)	3T-5760	115-2422
1983-80 884	480	27	153-5656	8C-3601
1993-72 885, 895	650	30H	3T-5760	115-2422
1981-77 886	470	24(2)	153-5656	3T-5857
1962-57 900, 920, 930 (& Draftomatic)	875	7D(2)	8C-3635	8T-9731
1962-57 910, 940 (& Draftomatic)	645	4(2)	8C-3633	8T-9733
1979-74 966, 966HS, 1066HS, 1066	810	4EH(2)	8C-3632	—
1978-69 970: Diesel	545	30H(2)	3T-5760	115-2422
1971-69 970: Spark Ignition	370	27	153-5656	8C-3601
1981-77 986, 1086, 1486, 1586	470	24(2)	153-5656	3T-5857
1993-72 985, 990, 995, 996	625	30H	3T-5760	115-2422
1985-71 1175, 1190, 1194, 1290, 1390, 1490, 1690	545	30H	3T-5760	115-2422
1978-64 1070, 1200 4x4	545	30H(2)	3T-5760	115-2422
1977-66 1206, 1256, 1466, 1468	740	3EH(2)	8C-3632	—
1986-71 1210, 1212, 1270, 1294, 1370, 1394, 1410, 1412	545	30H(1,2)	3T-5760	115-2422
1986-69 1470 4x4, 1494, 1570, 1594, 2090, 2094, 2290	545	30H(2)	3T-5760	115-2422
1976-75 1568	830	3EH(2)	8C-3632	—
1991-78 1896, 2090, 2096, 2290, 2390, 2590	625	31(2)	175-4370	175-4390
1993-87 2120, 2130, 2140, 2150	440	48	8C-3605	—
1986-71 2294, 2296, 2390, 2590, 2394, 2470, 2594	525	30H(2)	3T-5760	115-2422
1964-62 2404, 2404LPG, 2504, 2504LPG	245	22NF	3T-5859 ∞	9X-1384 ∞
1964-62 2504D, 2606: Diesel	620	2(2)	153-5690	8C-3629
1964-62 2606: Gas, LPG	315	24	153-5656	3T-5857
1964-62 2606D, 2706, 2806, 3414	320	3EE	8C-3620	—
1986-74 2670, 2870, 3294, 3394, 3594	525	30H(2)	3T-5760	115-2422
1964-63 2706D	590	2E(2)	8C-3632 Δ	—
1964-63 2806D	740	3EH(2)	8C-3632	—
1985-84 3088, 3288, 3488	500	28(2)	153-5656 ≠	3T-5857 ≠
1984-80 3088, 3288, 3488, 3688	520	24(2)	153-5656	3T-5857
1981-77 3388, 3588, 3788, 4386	625	31(2)	175-4370	175-4390
1962 3414D	415	3ET	8C-3620	—
1985-84 3688	500	28(2)	153-5656 ≠	3T-5857 ≠
1981-67 4100, 4156, 4166, 4186, 4366	810	4EH(2)	8C-3632	—
1986-79 4490, 4494, 4690, 4694, 4890	525	30H(2)	3T-5760	115-2422
1981-74 4568, 4586, 4786	625	31(3)	175-4370	175-4390
1986-84 4894, 4994	525	30H(2)	3T-5760	115-2422
1985-84 5088, 5288, 5488	500	28(2)	153-5656 ≠	3T-5857 ≠
1984-80 5088, 5288, 5488	520	24(2)	153-5656	3T-5857
2000-89 5120, 5130, 5140, 5220, 5230, 5240, 5250	685	30H(1,2)	3T-5760	115-2422
1984-80 6366, 6586, 6786, 7386, 7388, 7588, 7788	625	31(2,4)	175-4370	175-4390
1993-87 7110, 7120, 7130, 7140, 7150	950	31(2)	175-4390	—
1990-87 9110, 9130, 9150, 9170, 9180	625	31(2)	175-4370	175-4390

MAKE EQUIPMENT TYPE YEAR/MODEL	CCA @ 0°F	O.E. BCI NO.	REPLACEMENT	
			OPTION 1	OPTION 2
<b>Wheel Tractors (continued)</b>				
1993-90 9210, 9230, 9240, 9250, 9260, 9270, 9280	625	31(3)	175-4370	175-4390
2000-96 9310, 9330, 9350, 9370, 9380	660	31P(2)	3T-5760	115-2422
<b>Windrower</b>				
2000-98 8870, 8880	500	24	153-5656	3T-5857
<b>CASE, J.I.</b>				
See "CASE INTERNATIONAL"				
<b>CATERPILLAR</b>				
See separate "CATERPILLAR" section, pp. 5-13.				
<b>COE, INC.</b>				
<b>Harvester</b>				
L3 Receiver, Bin Carrier	750	31P	3T-5760	115-2422
<b>COMPTON ENTERPRISES</b>				
<b>Shakers</b>				
All Models	675	27	153-5656	8C-3601
<b>CO-OP COCKSHUTT</b>				
<b>Wheel Tractors</b>				
1957-48 All Gas engines	450	1	8C-3617	8T-9734
Diesel engines	800	4(2)	8C-3633	8T-9733
1962-58 540: 6-volt	450	1	8C-3617	8T-9734
12-volt	320	24	153-5656	3T-5857
1962-58 550, 560, 570: Diesel	800	4(2)	8C-3633	8T-9733
Gas engines	320	24	153-5656	3T-5857
<b>DEERE, JOHN</b>				
Additional equipment is listed in the Industrial Equipment and Lawn & Garden Tractor sections.				
<b>Air Seeder, Air Drill</b>				
1987-81 665, 780, 785	500	24	153-5656	3T-5857
<b>Balers</b>				
1978-75 336, 346	385	24	153-5656	3T-5857
<b>Bunker Rake</b>				
1993-90 1200	330	22F	3T-5859	9X-1384
<b>Combines</b>				
1976-75 Diesel	485	30H	3T-5760	115-2422
1983-75 6600, 7700: Diesel; 4400, 4420	430	3ET(2)	8C-3620	—
1985-84 4420, 3300 Gas	550	24	153-5656	3T-5857
1991-86 4400, 4425, 6600, 6602 Gas, 3300 Diesel	545	30H	3T-5760	115-2422
1992-89 4425 (requires DIN size 72311)	610	NA	—	—
1979-75 6600: Sidehill, 6602: Diesel	430	3ET(2)	8C-3620	—
1991-79 6620, 6620, 6622: Sidehill	500	24(2)	153-5656	3T-5857
1979-75 7700: Gas	430	3ET(2)	8C-3620	—
1991-79 7720, 8820, 7722: Hillside	500	24(2)	153-5656	3T-5857
1997-89 9400, 9500, 9600, CTS	620	27(2)	153-5656	8C-3601
1992-89 4435	610	49	8C-3605	—

**PROPOSITION 65 WARNING:** Battery posts, terminals and related accessories contain lead and lead compounds, chemicals known to the state of California to cause cancer and reproductive harm. **Wash hands after handling.**



**IMPORTANT NOTE: BATTERIES CAN EXPLODE!** Always wear safety glasses AND shield eyes when working around batteries. Always check for proper polarity and sufficient terminal clearance BEFORE final installation to avoid dangerous sparks, potential explosion, possible severe personal injury and/or expensive electrical system and/or vehicle/equipment damage. Always check for proper polarity and sufficient clearances before connecting cables and closing hood or covers.

MAKE EQUIPMENT TYPE YEAR/MODEL	CCA @ 0°F	O.E. BCI NO.	REPLACEMENT	
			OPTION 1	OPTION 2
<b>Cotton Picker</b>				
2000-98 6850	650	31P(2)	3T-5760	115-2422
1997-89 9600	620	27(2)	153-5656	8C-3601
1977-75 9900	475	30H	3T-5760	115-2422
1986-78 9910, 9920, 9940	700	31(1,2)	175-4370	175-4390
1994-87 9930, 9950	625	31(SAE)	3T-5760	115-2422
Optional	925	31	175-4390	—
1997-94 9935	950	31	175-4390	—
1998-89 9960, 9965	925	31(2)	175-4390	—
9960, 9965	925	31(2)	175-4390	—
2000-94 9970, 9976	950	31(2)	175-4390	—
<b>Cotton Stripper</b>				
1976-75 482, 484	525	30H	3T-5760	115-2422
1977 484	500	24	153-5656	3T-5857
1986-78 484, 7740	625	31	175-4370	175-4390
1996-94 7445, 7455	625	31(SAE)	3T-5760	115-2422
Optional	925	31	175-4390	—
2000-95 7450, 7455	925	31	175-4390	—
1998-95 7740, 7745	925	31	175-4390	—
<b>Forage Harvesters</b>				
1980-75 5200, 5400, 5440, 5460	875	7D(2)	8C-3635	8T-9731
1986-81 5720, 5820	700	31(2)	175-4370	175-4390
1998-85 5730, 5830	625	31(2)(SAE)	3T-5760	115-2422
2000-93 6610, 6710, 6810, 6910	610	49(2,3)	8C-3605	—
<b>Greensmower</b>				
1993-89 2243	250	U1	8C-3636	—
<b>Hay Cuber</b>				
1982-75 425	900	8D	153-5720	101-4000
<b>Hy-Cycle (Sprayer)</b>				
1998-94 4700	650	27(2)	153-5656	8C-3601
1998-77 6000	420	24	153-5656	3T-5857
Optional	530	24	153-5656	3T-5857
Optional	550	24	153-5656	3T-5857
2000-92 6100	650	27	153-5656	8C-3601
2000-92 6500, 6600	620	27	153-5656	8C-3601
<b>Pump</b>				
2000-95 6068T15Q	625	30H	3T-5760	115-2422
<b>Tractors - Compact Utility</b>				
650	420	24(2)	153-5656	3T-5857
670	460	45	—	—
750, 770	420	24	153-5656	3T-5857
850, 950, 970, 1050, 900HC	525	30H	3T-5760	115-2422
655, 755	425	22F	3T-5859	9X-1384
855 to S.N. 615000	425	22F	3T-5859	9X-1384
855 to S.N. 615001, 955	460	45	—	—
970, 1070	625	30H	3T-5760	115-2422
1954-47 A, AH, AN, AO, AR, AW	520	1(2)	8C-3617	8T-9734
1955-49 D, G, GH, GN, GW, R	520	1(1,2)	8C-3617	8T-9734
1970-65 JD-300, -400, -440, -480	370	24	153-5656	3T-5857
1970-64 JD-500, -500A, -500B, -600: Gas	375	3ET(1,2)	8C-3620	—
Diesel	740	3EH(2)	8C-3632	—
1970-65 JD-540, -544, -644	525	30H(2)	3T-5760	115-2422
1970-68 JD-570, -690	740	3EH(2)	8C-3632	—
1968-65 JD-700, -760 Diesel	520	1(4)	8C-3617	8T-9734
1970-68 JD-700, -760A	875	7D(2)	8C-3635	8T-9731

MAKE EQUIPMENT TYPE YEAR/MODEL	CCA @ 0°F	O.E. BCI NO.	REPLACEMENT	
			OPTION 1	OPTION 2
<b>Tractors - Wheel Type</b>				
1970-69 JD-860	850	4D(2)	153-5700	9X9720
1955-49 40, 50, 60, 70 Series: All models	520	1(1,2)	8C-3617	8T-9734
1960-57 300 Series: All models	520	1	8C-3617	8T-9734
1959-56 420H thru 430W, 440I, 440IC	520	1	8C-3617	8T-9734
1960-58 435, 440: Diesel	525	30H	3T-5760	115-2422
1960-56 500, 600, 700, 800 Series: All models	520	1(1,2,4)	8C-3617	8T-9734
1987-73 650, 750, 820, 830 Electric Start, 920, 1120, 2120	550	24(1,2)	153-5656	3T-5857
655, 755, 855	490	22F	3T-5859	9X-1384
2000-97 790	460	45	—	—
1987-77 850, 950	475	30H	3T-5760	115-2422
1965-60 1010: Gas, LPG	370	24	153-5656	3T-5857
1965-60 Diesel	475	30H	3T-5760	115-2422
1010 Special, 830, 1530 Gas	550	24	153-5656	3T-5857
1973-66 1020, 1520: Gas, Diesel	370	24(1,2)	153-5656	3T-5857
1993-79 1050, 1250, 1450, 1650	550	30H	3T-5760	115-2422
1975-73 1530: Diesel, 2030: Diesel	370	24(2)	153-5656	3T-5857
1630, 1640, 1830, 1840 (w/o SGB)	600	47	8C-3605 π ≠	145-4518 ≠
1630, 1640, 1830, 1840, 2130, 2140 (w/ SGB)	550	24	153-5656	3T-5857
1963-60 2010: Gas, LPG	370	24	153-5656	3T-5857
1965-60 2010: Gas, LPG, Diesel	475	30H	3T-5760	115-2422
1971-66 2020, 2030: Gas, Diesel (req. 2 batts.)	370	24(1,2)	153-5656	3T-5857
1987-75 2040, 2240, 2350, 2550, 2750	370	24(1,2)	153-5656	3T-5857
2120	420	24(2)	153-5656	3T-5857
1987-82 2150, 2250, 2255	370	22F(2)	3T-5859	9X-1384
1993-87 2155, 2-447	475	30H	3T-5760	115-2422
2440, 2330, 2020, 1530, 1520, 1020, 830 (Diesel & Gas) (Opt.)	550	24	153-5656	3T-5857
2030, 2020, 1530, 1520, 1020, 830 (Diesel) (Opt.)	550	24	153-5656	3T-5857
2350, 2550, 2750 (Open Platform)	600	47	8C-3605 π ≠	145-4518 ≠
2350, 2550, 2750 (SGB)	550	24	153-5656	3T-5857
1993-88 2355, 2355N, 2555, 2755, 2855, 2855N	600	47(2)	8C-3605 π ≠	145-4518 ≠
1987 2355, 2355N, 2555, 2755, 2855N	370	24(2)	153-5656	3T-5857
1983-73 2440, 2630, 2640: Diesel	370	24(2)	153-5656	3T-5857
1968-65 2510: Gas, Diesel (req. 2 batts.)	320	3EE(1,2)	8C-3620	—
2510, 2520, 3010 LPG	460	3ET	8C-3620	—
1972-68 2520: Gas, 3010: Diesel	460	3ET	8C-3620	—
1972-68 2520, 3010: Diesel	850	3EH(2)	8C-3632 ¥	—
2630, 2640 (Single Batteries)	625	30H	3T-5760	115-2422
2755 (w/ SGB)	470	48	8C-3605	—
1983-77 2840; 2940: Diesel	475	30H(2)	3T-5760	115-2422
1993-82 2950, 2955, 3155	475	30H(2)	3T-5760	115-2422
1963-60 3010	375	3ET	8C-3620	—
1972-63 3020: Gas, LPG	375	3ET	8C-3620	—
1968-63 3020: Diesel	320	3EE(2)	8C-3620	—
1987-85 3150, 3155	525	30H(2)	3T-5760	115-2422
1972-68 4000: Gas	375	3ET	8C-3620	—
1972-68 4000: Diesel	740	3EH(2)	8C-3632	—
1963-60 4010: Gas, LPG, Diesel (req. 2 batts.)	375	3ET(1,2)	8C-3620	—
1968-64 4020: Gas, LPG	320	3EE	8C-3620	—
1972-69 4020: Gas, LPG	375	3ET	8C-3620	—
1968-63 4020: Diesel	320	3EE(2)	8C-3620	—
1972-69 4020: Diesel	740	3EH(2)	8C-3632	—
1977-72 4030, 4040, 4230, 4240, 4430, 4440, 4630	850	5D(2)	8C-3633	8T-9733 ¥
4030, 4230: Gas	525	30H	3T-5760	115-2422
1988-77 4050, 4250, 4550, 4640, 4650, 4840, 4850	850	5D(2)	8C-3633	8T-9733 ¥
2000-96 4100, 4300	425	22F	3T-5859	9X-1384
1988-87 Export models	430	31(2)	175-4370	175-4390
1993-88 4055, 4255, 4455, 4555, 4755, 4955, 4960	950	31(2)	175-4390	—
4450: Diesel	850	5D	8C-3633	8T-9733 ¥

**PROPOSITION 65 WARNING:** Battery posts, terminals and related accessories contain lead and lead compounds, chemicals known to the state of California to cause cancer and reproductive harm. **Wash hands after handling.**

Refer to page 67 for explanation of Farm Equipment replacement footnotes.





# FARM EQUIPMENT

## DEERE, JOHN — FORD NEW HOLLAND

**IMPORTANT NOTE: BATTERIES CAN EXPLODE!** Always wear safety glasses AND shield eyes when working around batteries. Always check for proper polarity and sufficient terminal clearance BEFORE final installation to avoid dangerous sparks, potential explosion, possible severe personal injury and/or expensive electrical system and/or vehicle/equipment damage. Always check for proper polarity and sufficient clearances before connecting cables and closing hood or covers.

MAKE EQUIPMENT TYPE YEAR/MODEL	CCA @ 0°F	O.E. BCI NO.	REPLACEMENT	
			OPTION 1	OPTION 2
<b>Tractors - Wheel Type (continued)</b>				
1972-68 4320, 4520, 4620: Diesel	740	3EH(2)	8C-3632	—
2000-96 4500 Diesel	650	27F	8C-3602	9X-1382
1993-91 4560, 4760	950	31(2)	175-4390	—
1968-62 5010, 5020: Diesel (before 24999)	520	1(4)	8C-3617	8T-9734
5010, 5020: Diesel (after 24999)	975	7D	8C-3635	8T-9731
1977-69 5020: 6030, 7520: Diesel	875	7D(2)	8C-3635	8T-9731
2000-98 5210, 5310, 5410, 5510	700	31	175-4370	175-4390
1997-91 5200, 5300, 5400, 5500	700	31	175-4370	175-4390
1998-92 6200	950	31	175-4390	—
1998-92 6300, 6400, 6500	420	31(2)	175-4370	175-4390
1974-71 7020: Diesel	800	5D(2)	8C-3633	8T-9733
2000-93 7200, 7400, 7405, 7410	950	31P(2)	115-2422	115-2421
7520 Diesel	935	7D(2)	8C-3635	8T-9731
2000-92 7600, 7700, 7710, 7800, 7810	950	31P(2)	115-2422	115-2421
1965-60 8010	860	8D(2)	153-5720	101-4000
2000-92 8100, 8200, 8300, 8400	950	31P(2)	115-2422	115-2421
1978-74 8430: Diesel	850	5D(2)	8C-3633	8T-9733
1988-78 8440, 8450	850	5D(2)	8C-3633	8T-9733
8440: Diesel	975	4	8C-3633	—
1998-88 8560, 8570, 8770, 8870, 8970	950	31(2,3)	175-4390	—
1978-74 8630: Diesel	875	7D(2)	8C-3635	8T-9731
1977-76 8630: Diesel	975	4(2)	8C-3633	—
1988-78 8640, 8650	975	4(2)	8C-3633	—
1993-82 8760, 8850 Diesel, 8960	950	31(2,3)	175-4390	—
2000-97 9300, 9400	925	31P	115-2422	115-2421
<b>Turf Mowers</b>				
1992-86 756, 856, 2243	425	22F	3T-5859	9X-1384
1993 2653	295	U1	8C-3636 ¥	—
1995-90 3325, 3365	600	24F	3T-5858	9X-1382
1989-88 3325, 3365	750	31	175-4370	175-4390
<b>Utility Vehicles</b>				
1992-86 1500	425	22F	3T-5859	9X-1384
1993-92 1800	460	45	—	—
<b>Vacuums</b>				
1992-89 141, 142, 151, 152, 161, 162	425	22F	3T-5859	9X-1384
<b>Windrowers - Self-Propelled</b>				
1984-75 800, 830, 880	420	24	153-5656	3T-5857
1984-75 2250, 2270, 2280, 2320, 2360, 2420	420	24	153-5656	3T-5857
1993-88 3430, 3830	700	31	175-4370	175-4390
1988-85 3430, 3830	385	24	153-5656	3T-5857
2000-94 4890	535	24	153-5656	3T-5857
<b>DEUTZ-ALLIS DIVISION</b>				
<b>AGCO CORPORATION</b>				
See also "AGCO-ALLIS" or "ALLIS-CHALMERS"				
<b>DW SPRAYERS CO.</b>				
<b>Sprayers</b>				
AF500E	500	70	156-5660 Ω	7X-6100
AF500T, AF500C3	450	24(1,2)	153-5656	3T-5857
1987-80 2320, 2330, 2360	420	24	153-5656	3T-5857
<b>EDWARDS EQUIPMENT CO.</b>				
<b>Dyna-Soar</b>				
1994-75 DS4100	300	24	153-5656	3T-5857

MAKE EQUIPMENT TYPE YEAR/MODEL	CCA @ 0°F	O.E. BCI NO.	REPLACEMENT	
			OPTION 1	OPTION 2
<b>Dyna-Scat</b>				
1980-78 SP6900	300	24	153-5656	3T-5857
1994-86 SP6900: Diesel	525	24	153-5656	3T-5857
<b>FERGUSON</b>				
See "MASSEY-FERGUSON"				
<b>FIAT TRACTORS/FIATAGRI</b>				
See also "HESSTON CORPORATION"				
<b>Crawlers</b>				
1994-83 60-75V, 60-85V, 665C	625	30H	3T-5760	115-2422
1994-89 70-75C, 70-75M, 72-85C, 72-85 80-75C, 82-85C	820	4DLT	153-5700 Δ	8C-3622
<b>Tractors</b>				
1994-85 45-66DT, 45-66DTS, 45-66S, 55-56DT, 55-76DTF, 55-76F, 55-86DTF, 55-86F, 60-66DT, 60-66DTS, 60-66S, 60-76DTF, 62-86DTF, 62-86F	625	30H	3T-5760	115-2422
1994-80 65-56DT, 70-66DT, 70-66DTHC, 70-66DTHCS, 70-66DTS, 70-66HC, 70-66HCS, 70-66S, 72-86DTF, 72-86F, 766, 780, 80-66DT, 80-66DTHC, 80-66DTHCS, 80-66DTS, 80-66S, 80-66HC, 80-66HCS, 80-90DT, 82-86DTF, 82-86F, 82-94, 82-94DT, 100-94DT	820	4DLT	153-5700 Δ	8C-3622
1994-85 140-90DTPS, 160-90DTPS, 160-92DTPS, 180-94DTPS	935	4D	153-5700	9X9720
1994-90 F110, F110DT, F130, F130DT	935	4D	153-5700	9X9720
<b>FLORY CORPORATION</b>				
<b>Harvesters</b>				
480, 7480	675	27	153-5656	8C-3601
<b>Sweepers</b>				
6670, 7070, 7670, 8070, 8670	675	27	153-5656	8C-3601
<b>FMC CORPORATION</b>				
<b>Harvesters</b>				
5750TE (tomato)	600	30H(2)	3T-5760	115-2422
9070FBS (cucumber)	925	31P	3T-5760	115-2422
<b>FORD</b>				
See "FORD NEW HOLLAND"				
<b>FORD NEW HOLLAND</b>				
Formerly "FORD," "NEW HOLLAND" & "SPERRY NEW HOLLAND" See also "VERSATILE FARM EQUIPMENT"				
Additional equipment is listed in the Industrial Equipment section.				
<b>Automatic Bale Wagon</b>				
1977-75 1048, 1049, 1065	370	24	153-5656	3T-5857
1983-78 1068, 1069, 1075: Gas	370	24	153-5656	3T-5857
1988-80 1068, 1069, 1075: Diesel	370	24(2)	153-5656	3T-5857
1994-89 1078, 1079, 1085	925	31	175-4390	—
1989-81 1078, 1079, 1085, 8500	370	24(2)	153-5656	3T-5857

**PROPOSITION 65 WARNING:** Battery posts, terminals and related accessories contain lead and lead compounds, chemicals known to the state of California to cause cancer and reproductive harm. **Wash hands after handling.**

**IMPORTANT NOTE: BATTERIES CAN EXPLODE!** Always wear safety glasses AND shield eyes when working around batteries. Always check for proper polarity and sufficient terminal clearance BEFORE final installation to avoid dangerous sparks, potential explosion, possible severe personal injury and/or expensive electrical system and/or vehicle/equipment damage. Always check for proper polarity and sufficient clearances before connecting cables and closing hood or covers.

MAKE EQUIPMENT TYPE YEAR/MODEL	CCA @ 0°F	O.E. BCI NO.	REPLACEMENT	
			OPTION 1	OPTION 2
<b>Combines</b>				
1993-85 TR86, TR96	625	31(2)	175-4370	175-4390
<b>Forage Harvesters</b>				
1993-80 1900, 1915, 2100, 2115	630	30H(2,4)	3T-5760	115-2422
<b>Leaf Loader</b>				
1993-88 710	625	31	175-4370	175-4390
<b>Square Balers</b>				
1986-83 426	375	24	153-5656	3T-5857
1993-83 505	460	30H	3T-5760	115-2422
<b>Wheel Tractors</b>				
1964-47 4-cyl. Gas	440	1	8C-3617	8T-9734
1964-57 Fordson Dextra	525	12T	153-5656 Ω	3T-5857 Ω
1964-54 Diesel ex. Fordson	540	16TF	—	—
1994-87 846, 876, 946, 976	625	31(3,4)	175-4370	175-4390
1997-73 1000, 1100, 1110, 1210, 1320, 1520, 1720	370	24	153-5656	3T-5857
1997-88 1120, 1220	420	24	153-5656	3T-5857
1988-79 1300, 1310, 1500, 1510, 1700, 1710	400	27	153-5656	8C-3601
1979-76 1600	440	27	153-5656	8C-3601
1997-79 1900, 1910, 1920, 2110, 2120	580	30H	3T-5760	115-2422
1973-65 2000, 2110, 3000, 4000, 4110: Gas	510	17TF	—	—
1973-65 2000, 2110, 3000, 4000, 4110: Diesel	750	4DLT	153-5700 Δ	8C-3622
1994-81 2810, 2910, 3910, 4110, 4610, 4610SU	750	4DLT	153-5700 Δ	8C-3622
2000-98 3010, 7610, 8010	550	30H	3T-5760	115-2422
1997-89 3220, 3230, 3430, 3930, 4630	800	31	—	175-4390
1994-63 5000, 5600, 6600, 7600, 5610, 6610, 7610	750	4DLT	153-5700 Δ	8C-3622
1996-84 5900, 5610, 6610, 7610	750	4DLT	153-5700 Δ	8C-3622
1996-92 5640, 6640, 7740, 7840, 8240, 8340	800	31	—	175-4390
1994-76 5700, 6700, 7700	750	4DLT	153-5700 Δ	8C-3622
1968-61 6000: Gas, LPG	500	24F	3T-5858	9X-1382
1968-62 6000: Diesel	540	16TF	—	—
1994-71 6710, 7000, 7710, 7810, 8210	750	4DLT	153-5700 Δ	8C-3622
1996-92 7740, 7840, 8240, 8340	800	31	175-4370	175-4390
1973-68 8000, 9000: Diesel	750	4DLT	153-5700 Δ	8C-3622
1979-75 8600, 8700, 9600, 9700	750	4DLT	153-5700 Δ	8C-3622
1994-77 9030, FW20, FW30, FW40, FW60	625	31(2,4)	175-4370	175-4390
2000-98 9482, 9782	750	31(3)	175-4370	175-4390
1994-88 LGT14D	345	60	—	—
2000-98 TS100	800	31	175-4370	175-4390
1994-79 TWS, -10, -15, -20, -25, -30, -35	750	4DLT	153-5700 Δ	8C-3622
1994 8670, 8770, 8870, 8970 (spl. Euro. size req.)	1900	∞	—	—
1994 9280, 9480	625	31(3)	175-4370	175-4390
1994 9680, 9880	950	31(3)	175-4390	—
<b>Windrowers</b>				
1987-76 1100, 1116	450	27F	8C-3602	143-4084
1993-87 1118, 1499	625	31	175-4370	175-4390
2000-98 HW300, HW320	925	31	175-4390	—
<b>FWD-WAGNER</b>				
<b>RAYGO-WAGNER</b>				
<b>Wheel Tractors</b>				
1968-59 WA-4A thru WA-9, WA-17, WI-9, -14, -17, -24	950	8D(1,2)	153-5720	101-4000
1968-59 WA-14, WA-17 (thru 1965), WI-14, -17, -24	800	4D(2)	153-5700	9X9720

MAKE EQUIPMENT TYPE YEAR/MODEL	CCA @ 0°F	O.E. BCI NO.	REPLACEMENT	
			OPTION 1	OPTION 2
<b>GEHL BROS.</b>				
<b>Self-Propelled Forage Harvesters</b>				
1967-64 SP-83, -84: Continental	315	3EE	8C-3620	—
After S.N. 1238	900	8D	153-5720	101-4000
Oliver	525	2E(2)	8C-3632 Δ	—
1967 All models	900	8D	153-5720	101-4000
1966-65 Waukesha	315	3EE	8C-3620	—
<b>HESSTON CORPORATION</b>				
<b>Wheel Tractors</b>				
1990-80 450, 480, 580, 466, 566	625	30H	3T-5760	115-2422
1990-80 640, 666, 680, 780, 980, 666, 766	820	4DLT	153-5700 Δ	8C-3622
1985-80 1180, 1380, 1580, 1880	900	4D	153-5700	9X9720
1993-80 45-66, 55-46, -56, -66	625	30H	3T-5760	115-2422
1993-85 65-46, 65-56, 70-66, 80-66	820	4DLT	153-5700 Δ	8C-3622
1991-86 70-66F, 80-66F	820	4DLT	153-5700 Δ	8C-3622
1993-85 60-66, 60-90, 65-46	625	30H	3T-5760	115-2422
1994-85 70-90, 80-90, 90-90, 100-90, 880-5	820	4DLT	153-5700 Δ	8C-3622
1990-85 130-90, 140-90, 160-90, 180-90	900	4D	153-5700	9X9720
<b>Crawler Tractors</b>				
1990-84 70-65C, 95-55C	820	4DLT	153-5700 Δ	8C-3622
1990-79 120C, 605C, 805C, 655C, 955C	625	30H	3T-5760	115-2422
<b>Forage Harvesters</b>				
1990-77 7600, 7650, 7655	900	4D(2)	153-5700	9X9720
<b>Windrowers</b>				
2000-98 8450, 8510	500	24	153-5656	3T-5857
1990-75 All models: Gas, Diesel (req. 2 batts.)	650	24F	3T-5858	9X-1382
<b>INTERNATIONAL HARVESTER</b>				
See "CASE INTERNATIONAL"				
<b>J.I. CASE</b>				
See "CASE INTERNATIONAL"				
<b>JOHN DEERE</b>				
See "DEERE, JOHN"				
<b>KORVAN CORPORATION</b>				
<b>Harvesters</b>				
2000 Raisin, 9000V Raspberry	—	—	—	—
9200 Coffee	660	29H	3T-5760	115-2422
<b>KUBOTA TRACTOR</b>				
Additional equipment is listed in the Industrial Equipment section.				
<b>Farm Tractors</b>				
B21	405	51	—	—
B1700, B2100, B2400	405	51R	—	—
2000-99 B2710, B7300	405	51R	—	—
B600, B2150, B6100, B8200, L175, -185, L225, L235, L245, L275, L295	525	24F	3T-5858	9X-1382
L2350, L2500, L2650, L2950, L3410	490	24F	3T-5858	9X-1382
L35, L2900, L3000, L3300	490	24	153-5656	3T-5857

**PROPOSITION 65 WARNING:** Battery posts, terminals and related accessories contain lead and lead compounds, chemicals known to the state of California to cause cancer and reproductive harm. **Wash hands after handling.**

Refer to page 67 for explanation of Farm Equipment replacement footnotes.



# FARM EQUIPMENT

## KUBOTA TRACTOR — MASSEY-FERGUSON, INC.

**IMPORTANT NOTE: BATTERIES CAN EXPLODE! Always wear safety glasses AND shield eyes when working around batteries. Always check for proper polarity and sufficient terminal clearance BEFORE final installation to avoid dangerous sparks, potential explosion, possible severe personal injury and/or expensive electrical system and/or vehicle/equipment damage. Always check for proper polarity and sufficient clearances before connecting cables and closing hood or covers.**

MAKE EQUIPMENT TYPE YEAR/MODEL	CCA @ 0°F	O.E. BCI NO.	REPLACEMENT	
			OPTION 1	OPTION 2
<b>Farm Tractors (continued)</b>				
2000-99 L3010, L3710, L4310	585	24	153-5656	3T-5857
L200, L210	600	27	153-5656	8C-3601
L3600, L4000, L4200	450	27	153-5656	8C-3601
L260, L285, L295, L305, L345, L355SS	525	30H	3T-5760	115-2422
M110, M120	700	4DLT	153-5700 Δ	8C-3622
M4000, M4050, M4500	525	30H	3T-5760	115-2422
M4700, M5400	700	31	175-4370	175-4390
2000-99 M6800, M8030, M8200, M9000	700	31	175-4370	175-4390
M9580	660	30H	3T-5760	115-2422
<b>LONG MFG. N.C., INC.</b>				
<b>Crawler Tractors</b>				
1997-91 2260, 2310, 2360, 2460, 2510, 2610	650	30H	3T-5760	115-2422
1986-79 All 460, 510 & 610 Models	510	30H	3T-5760	115-2422
<b>Wheel Tractors</b>				
1988-79 260, 310; 360: (12 volt)	600	30H	3T-5760	115-2422
1978-75 350, 445; 360: (6 volt)	810	4EH	8C-3632	—
1988-79 460: (12 volt)	600	30H	3T-5760	115-2422
1978-75 460: (6 volt)	810	4EH	8C-3632	—
1988-79 510, 610	600	30H	3T-5760	115-2422
1984-71 550, 560, 900, 910, 1100, 1310	810	4EH(1,2)	8C-3632	—
1980-78 1400	625	16TF	—	—
<b>MAC DON INDUSTRIES LTD.</b>				
<b>Windrower</b>				
2000-90 9300	620	27	153-5656	8C-3601
<b>MASSEY COMBINES CORP.</b>				
<b>Formerly "MASSEY-FERGUSON INDUSTRIES, LTD."</b>				
<b>Combines</b>				
1977-75 300, 510: Gas	280	24	153-5656	3T-5857
1977-75 300, 510: Diesel	545	30H	3T-5760	115-2422
1988-78 540, 550, 850, 855, 860, 865, 8560, 8590	595	27(1,2,3)	153-5656	8C-3601
1980-75 550, 760: Diesel	470	24(1,2)	153-5656	3T-5857
<b>Swathers</b>				
1982-75 655, 775	280	24	153-5656	3T-5857
1987-83 885: Gas	380	24	153-5656	3T-5857
1987-83 885: Diesel	520	74	153-5660	—
<b>MASSEY-FERGUSON, INC.</b>				
<i>Additional equipment is listed in the Industrial Equipment section.</i>				
<b>Wheel Tractors</b>				
<b>Ferguson Brand:</b>				
<i>(See end of listing for other early models)</i>				
1957-55 F-40, TO-35	325	24	153-5656	3T-5857
1954-52 TO-30	525	1	8C-3617	8T-9734
<b>MF Series:</b>				
1976-59 MF-20; MF-30, -35: Gas	375	24	153-5656	3T-5857
1976-60 MF-25, -30, -31, -35: Diesel	580	30H	3T-5760	115-2422
1976-68 MF-33, -40; MF-50: Gas	580	30H(1,2)	3T-5760	115-2422
1970-69 MF-44	1000	8D	153-5720	101-4000
1964-51 MF-50: Gas	465	24	153-5656	3T-5857

MAKE EQUIPMENT TYPE YEAR/MODEL	CCA @ 0°F	O.E. BCI NO.	REPLACEMENT	
			OPTION 1	OPTION 2
<b>Wheel Tractors (continued)</b>				
<b>MF Series (continued):</b>				
1976-69 MF-50, -50A: Diesel	375	24(2)	153-5656	3T-5857
1964-62 MF-50: Diesel	540	30H	3T-5760	115-2422
1964-59 MF-50, -65: LPG	375	24	153-5656	3T-5857
1970-68 MF-55	900	4D(2)	153-5700	9X9720
1961-59 MF-65: Diesel	675	3(2)	153-5690	8C-3630
1964-61 after S.N. 677170	580	30H	3T-5760	115-2422
1964-58 MF-65: Gas	465	24	153-5656	3T-5857
1976-69 MF-70 & Diesel MF-80	500	30H(2)	3T-5760	115-2422
1961-59 MF-85, -88: Diesel	850	5D(2)	8C-3633	8T-9733 Y
Gas, LPG	375	24	153-5656	3T-5857
1965-62 MF-90, -90WR: Diesel	580	30H(2)	3T-5760	115-2422
Gas, LPG	465	24	153-5656	3T-5857
1964-59 MF-95, -97: Gas, LPG, Diesel	325	3EE(1,2,3)	8C-3620	—
1976-65 MF-130: Diesel	540	30H	3T-5760	115-2422
1976-64 MF-135, -150: w/ Live PTO	465	24	153-5656	3T-5857
Diesel w/ Independent PTO	540	30H	3T-5760	115-2422
1980 MF-154-4	580	27	153-5656	8C-3601
1976-64 MF-165, -175, -180: Gas, LPG	465	24	153-5656	3T-5857
Gas, LPG; w/ Independent PTO	540	30H	3T-5760	115-2422
Diesel, all	580	30H	3T-5760	115-2422
1969-59 MF-202, -204	375	24	153-5656	3T-5857
1980-61 MF-184-4, MF-203, -205 & Gas MF-302, -304	500	30H	3T-5760	115-2422
1986-75 MF-230, -240, -250	545	24	153-5656	3T-5857
1986-81 MF-254	580	27	153-5656	8C-3601
1982-75 MF-235, -245, -255, -265	580	30H	3T-5760	115-2422
1986-83 MF-270, -290	465	24(2)	153-5656	3T-5857
1986-81 MF-274, -294	580	27	153-5656	8C-3601
1983-75 MF-275, -285: Diesel	950	4D	153-5700	9X9720
1986-83 MF-298	525	24(2)	153-5656	3T-5857
1969-62 MF-302, -304: Diesel	375	24(2)	153-5656	3T-5857
1974-62 MF-356	540	30H(2)	3T-5760	115-2422
2000-95 MF-394F, S	500	24	153-5656	3T-5857
1986-83 MF-670, -690, -698, -699	525	24(2)	153-5656	3T-5857
1978-62 MF-1080, -1100, -1105, -1130, -1150, -1155, -1500, -1505, -1800, -1805	580	30H(1,2)	3T-5760	115-2422
1977-72 MF-1085, -1135, -1155: Diesel	500	30H(2)	3T-5760	115-2422
1998-95 MF-1230	585	24	153-5656	3T-5857
1970-64 MF-2135 & Turf Spl.	375	24	153-5656	3T-5857
1983-82 MF-2640: Diesel	580	27(2)	153-5656	8C-3601
1982-76 MF-2675, -2705, -2745, -2775, -2805	580	30H(2)	3T-5760	115-2422
1999-98 MF-3245, -3260, -3270, -3280	600	24(2)	153-5656	3T-5857
1986-84 MF-3505, -3525, -3545	580	27(2)	153-5656	8C-3601
1969-64 MF-3165 & Turf Spl.: Gas	375	24	153-5656	3T-5857
Diesel	500	30H	3T-5760	115-2422
2000-97 MF-4270	590	24(2)	153-5656	3T-5857
1986-78 MF-4800, -4840, -4880, -4900	520	24(2)	153-5656	3T-5857
2000-99 MF-8280	600	24(2)	153-5656	3T-5857
<b>Compact Tractors</b>				
1986-79 MF-205, -210, -220, -1020, -1030, -1040	465	24	153-5656	3T-5857
1986-82 MF-1010	300	29NF	3T-5858 π	9X-1382 π
<b>Early Models: Other Than "MF" Series:</b>				
1957-46 22, 30, Colt, Mustang	525	1	8C-3617	8T-9734
1955-49 33, 44, 44 Spl.: Diesel	800	4(2)	8C-3633	8T-9733
1955-52 33G, -K, 44G, -K, 44 Spl G, 44 Spl K	525	1	8C-3617	8T-9734
1955-46 44LP, 44-Spl LP, 55	800	4	8C-3633	8T-9733
1955-49 55DS, 55LP	900	7D(1,2)	8C-3635	8T-9731
1958-56 202 Work Bull	375	24	153-5656	3T-5857
1958-56 303 Work Bull: Gas	800	4(2)	8C-3633	8T-9733
1959 303 Work Bull: Gas	325	3EE	8C-3620	—
Diesel	400	27	153-5656	8C-3601

**PROPOSITION 65 WARNING:** Battery posts, terminals and related accessories contain lead and lead compounds, chemicals known to the state of California to cause cancer and reproductive harm. **Wash hands after handling.**

**IMPORTANT NOTE: BATTERIES CAN EXPLODE!** Always wear safety glasses AND shield eyes when working around batteries. Always check for proper polarity and sufficient terminal clearance BEFORE final installation to avoid dangerous sparks, potential explosion, possible severe personal injury and/or expensive electrical system and/or vehicle/equipment damage. Always check for proper polarity and sufficient clearances before connecting cables and closing hood or covers.

MAKE EQUIPMENT TYPE YEAR/MODEL	CCA @ 0°F	O.E. BCI NO.	REPLACEMENT	
			OPTION 1	OPTION 2
<b>Early Models: Other Than "MF" Series (continued)</b>				
1959-56 333G, 333K	375	24	153-5656	3T-5857
1959-56 333LP, 444LP, 555G, -K, -LP	525	1(2)	8C-3617	8T-9734
1959-56 404 Work Bull (Gas), 444G, -K	325	60	—	—
1959-56 555 Diesel	900	7D	8C-3635	8T-9731
1959-56 FE-35	800	4(2)	8C-3633	8T-9733
1959-55 F-40, TO-35, -35 Spl: Gas	375	24	153-5656	3T-5857
1954-31 TO-30	525	1	8C-3617	8T-9734
1959 TO-35: Diesel	800	4(2)	8C-3633	8T-9733
<b>MASSEY-FERGUSON INDUSTRIES, LTD.</b>				
See "MASSEY COMBINES CORP."				
<b>MELROE COMPANY</b>				
<b>Spray Coupe</b>				
1995-76 220 Gas	400	24	153-5656	3T-5857
1995-93 3000 Diesel	575	24	153-5656	3T-5857
2000-96 3640	750	30H	3T-5760	115-2422
<b>MINNEAPOLIS - MOLINE</b>				
See "WHITE-NEW IDEA DIVISION"				
<b>M-R-S MANUFACTURING</b>				
<i>All units use one or two 8D Group Number except Special Order, Military and M-R-S 250.</i>				
<b>Industrial Tractors</b>				
1953-52 72	645	3	153-5690	8C-3630
1967-63 A-80, -80B, -80CS, -90, -90B, -100, -105	580	30H(1,2)	3T-5760	115-2422
1962-61 A-90, -95, -100, -105 (req. spl. Military 6TL size batt.)	NA	—	—	—
1970-64 I-80S, -80T	580	30H(2)	3T-5760	115-2422
1967-63 I-90, -100, -105, -110	580	30H(4)	3T-5760	115-2422
1962-61 I-90, -100, -105, -110 (req. spl. Military 6TL size batt.)	NA	—	—	—
1980-72 I-90S, -95S, -100S, -105S, -110S	845	8D(1,2)	153-5720	101-4000
1980-65 I-120, -115S	845	8D(1,2)	153-5720	101-4000
1952 125, 150	850	7D(2)	8C-3635	8T-9731
1967-52 125, 150, 150C, 190	950	8D(1,2)	153-5720	101-4000
1959-54 200: Cummins	950	8D(2)	153-5720	101-4000
1967-63 200: Cummins	500	24	153-5656	3T-5857
1958-56 250: Air Start	950	8D	153-5720	101-4000
1980-59 250: Air Start	500	24(2)	153-5656	8C-3601
1959-56 250: Electric Start	1200	9D(5)	8T-9730 ∞	—
<b>Agricultural Tractors</b>				
1980-75 A Series: -80, -80CS, -85, -92, -95, -100	845	8D(1,2)	153-5720	101-4000
<b>NEW HOLLAND, INC.</b>				
See "FORD NEW HOLLAND"				
<b>NEW IDEA FARM EQUIPMENT CORP.</b>				
See "WHITE-NEW IDEA"				

MAKE EQUIPMENT TYPE YEAR/MODEL	CCA @ 0°F	O.E. BCI NO.	REPLACEMENT	
			OPTION 1	OPTION 2
<b>OLIVER-WHITE</b>				
<b>Wheel Tractors</b>				
1959-47 Super 44 thru 88 Series: ex below	550	1(1,2)	8C-3617	8T-9734
1958-57 Super 55, 66, 77 & 88: Gas, LPG	400	60	—	—
1958-57 Super 77 & 88: Diesel	600	2(2)	153-5690	8C-3629
1954-47 88	550	1(1,2)	8C-3617	8T-9734
1957-37 90, 99: Gas	600	2	153-5690	8C-3629
Diesel	550	1(2)	8C-3617	8T-9734
1958-57 Super 99 GM, GMTC	850	5D(2)	8C-3633	8T-9733 ¥
1958-57 Super 99	650	3(1,2)	153-5690	8C-3630
1962-59 440	550	1	8C-3617	8T-9734
1968-58 550, 660: Gas	400	60	—	—
Diesel	550	1(2)	8C-3617	8T-9734
1968-58 770, 880: Gas, LPG	400	60	—	—
Diesel	600	2(2)	153-5690	8C-3629
1961-58 950: Gas	450	27	153-5656	8C-3601
Diesel	650	3(2)	153-5690	8C-3630
1961-58 990, 995	775	5D(2)	8C-3633	8T-9733 ¥
1968-65 1250	400	24(2)	153-5656	3T-5857
1975 1265, 1365	830	3EH(2)	8C-3632 ¥	—
1968-67 1450	500	2E(2)	8C-3632 Δ	—
1969-60 1550 thru 1900: Gas	400	60	—	—
Diesel	850	5D(2)	8C-3633	8T-9733 ¥
1968-64 1950: Diesel	800	4(2)	8C-3633	8T-9733
1968-67 1950T: Diesel	500	30H	3T-5760	115-2422
1968-59 WA-4 thru WA-9	950	8D	153-5720	101-4000
1971-59 WA-14, WA-17 (thru '65), WI-14, -17, -24	800	4D(2)	153-5700	9X9720
1970-59 WA-14, WA-17, WI-9, WSC-4	950	8D(1,2)	153-5720	101-4000
1967 WSC-10	800	4D(2)	153-5700	9X9720
1972-63 All 17 Series,	950	8D(2)	153-5720	101-4000
1972-70 SF-430, SK-250, WC-430, WD-30	950	8D(2)	153-5720	101-4000
<b>OMC</b>				
See "OWATONNA MFG. CO."				
<b>ORCHARD-RITE CO.</b>				
9300 Shaker	660	29H	3T-5760	115-2422
Cyclone Fan	600	31	175-4370	175-4390
<b>OWATONNA MFG. CO. (OMC), INC.</b>				
<i>Additional equipment is listed in the Industrial Equipment section.</i>				
<b>Shakers</b>				
Magnum Monobeam	850	65	9X-5408	—
Shock Wave	660	29H	3T-5760	115-2422
<b>Windrowers</b>				
1979-75 260, 265: Gas	300	24	153-5656	3T-5857
Diesel	380	30H	3T-5760	115-2422
1976-75 270, 275: Gas, Diesel (req. 2 batts.)	300	24	153-5656	3T-5857
1983-80 280, 282, 285: Gas	335	24	153-5656	3T-5857
Diesel	380	30H	3T-5760	115-2422
<b>RANDALL CO.</b>				
<b>Sprayers</b>				
RW5	400	24	153-5656	3T-5857
RW11	750	31	175-4370	175-4390

**PROPOSITION 65 WARNING:** Battery posts, terminals and related accessories contain lead and lead compounds, chemicals known to the state of California to cause cancer and reproductive harm. **Wash hands after handling.**

Refer to page 67 for explanation of Farm Equipment replacement footnotes.



# FARM EQUIPMENT

## RAYGO WAGNER — WELDCRAFT, INC.

**IMPORTANT NOTE: BATTERIES CAN EXPLODE!** Always wear safety glasses AND shield eyes when working around batteries. Always check for proper polarity and sufficient terminal clearance BEFORE final installation to avoid dangerous sparks, potential explosion, possible severe personal injury and/or expensive electrical system and/or vehicle/equipment damage. Always check for proper polarity and sufficient clearances before connecting cables and closing hood or covers.

MAKE EQUIPMENT TYPE YEAR/MODEL	CCA @ 0°F	O.E. BCI NO.	REPLACEMENT	
			OPTION 1	OPTION 2
<b>RAYGO WAGNER</b>				
See "FWD-WAGNER"				
<b>REARS, INC.</b>				
<b>Sprayers</b>				
6068T	875	65	9X-5408	—
<b>ROTOMIX</b>				
<b>Vertical Feedmixers</b>				
455, 855	460	24	153-5656	3T-5857
<b>SEAMAN CORP.</b>				
<b>Wheel Tractors</b>				
1959-41 All models: Diesel req. 2 batts.	750	4(1,2)	8C-3633	8T-9733
<b>SHEPPARD</b>				
<b>Wheel Tractors</b>				
1958-52 SD-2, -3, SDI-2, -3, SDHI-2, -3	750	4(2)	8C-3633	8T-9733
1962-59 SD-3, SD-4 (62 thru '54)	850	7D(2)	8C-3635	8T-9731
<b>SPERRY NEW HOLLAND</b>				
See "FORD NEW HOLLAND"				
<b>STEIGER TRACTOR, INC.</b>				
Additional equipment is listed in the Industrial Equipment section.				
<b>Wheel Tractors</b>				
1981-74 Super Wildcat II, Wildcat III, Bearcat II	815	8D	153-5720	101-4000
1983-76 Bearcat III, Cougar II, III, Panther II, III	815	8D(2)	153-5720	101-4000
1987-79 Bearcat III, Bearcat 1000 P/S	625	31(3,4)	175-4370	175-4390
1987-86 Lion, Cougar 1000 P/S	625	31(3,4)	175-4370	175-4390
1987-86 Bearcat, Panther, Puma, Wildcat 1000 P/S	625	31(2,3,4)	175-4370	175-4390
1976-74 Turbo Tiger II	815	8D(2)	153-5720	101-4000
1987-82 CP-1325, CP-1360, CP-1400: Panther	625	31(4)	175-4370	175-4390
1986-83 CM-225, CM-250, CM-280, CM-325, CM-360	625	31(3)	175-4370	175-4390
1986-85 CR-1225, CR-1280: Cougar	625	31(3)	175-4370	175-4390
1986-83 CS-280, KS-280	475	31(4)	175-4370	175-4390
1987-83 KM-280, KM-325, KM-360, KP-525	625	31(3)	175-4370	175-4390
1987-82 KP-1325, KP-1360, KP-1400 Panther	625	31(4)	175-4370	175-4390
1986-85 KR-1225, KR-1280 Cougar	625	31(3)	175-4370	175-4390
1982-77 PT-225: Bearcat, PT-270: Cougar, PT-350: Panther	475	31(4)	175-4370	175-4390
1983-80 PTA-270, -280: Cougar	475	31(4)	175-4370	175-4390
1983-78 PTA-297, -310, -325: Panther	475	31(4)	175-4370	175-4390
1983-77 ST-450, ST-470: Tiger	625	31(4)	175-4370	175-4390
<b>STEWART &amp; STEVENSON, INC.</b>				
<b>Pumps</b>				
55P3500	700	27	153-5656	8C-3601
<b>TERRATRAC</b>				
For 1960 and later, see "CASE INTERNATIONAL"				
<b>Wheel Tractors</b>				
1959-58 420B	400	24	153-5656	3T-5857

MAKE EQUIPMENT TYPE YEAR/MODEL	CCA @ 0°F	O.E. BCI NO.	REPLACEMENT	
			OPTION 1	OPTION 2
<b>THOMAS</b>				
<b>Loaders</b>				
Bankout	600	30H	3T-5760	115-2422
180 Loader	710	27	153-5656	8C-3601
<b>TRACTOMOTIVE</b>				
For 1960 and later see "ALLIS-CHALMERS"				
<b>Wheel Tractors</b>				
1959-51 TL-6, -10, -11, -12	500	1	8C-3617	8T-9734
1959-55 TL-6D, -11D, -12D	650	4(2)	8C-3633	8T-9733
1959-57 TL-14, -14D, -16, -16D, -20D	700	4D(1,2)	153-5700	9X9720
<b>TROJAN</b>				
<b>Wheel Tractors</b>				
1956-54 DLH-75	750	4	8C-3633	8T-9733
1959-53 LA-40, LC-100, -100B, -LCM-100	550	3	153-5690	8C-3630
1959-53 LA-40D, LC-100D, LT-400D, 104-D, 154-D	700	4D	153-5700	9X9720
1954-52 LC-100, LMD-75	500	2(1,2)	153-5690	8C-3629
1956-51 LH-75, LM-75, LT-400	550	3	153-5690	8C-3630
1959-57 104, 154	500	27	153-5656	8C-3601
<b>VERSA, INC.</b>				
<b>Baggers &amp; Choppers</b>				
910, 1012	625	31(2,4)	175-4370	175-4390
<b>VERSATILE FARM EQUIPMENT OPERATIONS</b>				
<b>FORD-NEW HOLLAND CANADA LTD.</b> See also "FORD NEW HOLLAND"				
<b>Wheel Tractors</b>				
1972-70 D-145	900	8D	153-5720	101-4000
1981-77 150	455	74	153-5660	—
1983-82 160	525	24(2)	153-5656	3T-5857
1992-84 256, 276; 276II: Cummins eng.	625	31(2)	175-4370	175-4390
1992-89 276II: Ford eng.	850	31	175-4390	—
1984-72 300, 500, 555, 700, 750	900	8D(2)	153-5720	101-4000
1992-84 756, 836, 846, 856, 876, 936	625	31(2,3,4)	175-4370	175-4390
1984-72 800, 825, 835, 850, 855, 875	900	8D(2)	153-5720	101-4000
1984-72 895, 900, 935, 950, 945, 955, 975	900	8D(2)	153-5720	101-4000
1992-84 946, 956, 976, 1150, 1156, 9030	625	31(2,4)	175-4370	175-4390
1991 TW8030	750	4DLT	153-5700 Δ	8C-3622
<b>Swathers</b>				
1986-75 400, 4400: Gas, Diesel (req. 2 batts.)	525	24(1,2)	153-5656	3T-5857
1990-86 4700, 4750	625	31	175-4370	175-4390
<b>WEISS/MCNAIR, INC.</b>				
<b>Nut Harvesters</b>				
JD40	550	24F	3T-5858	9X-1382
8900	700	31P	3T-5760	115-2422
<b>WELDCRAFT, INC.</b>				
<b>Harvesters</b>				
Bin Retriever, Nut Receiver	725	31P	3T-5760	115-2422
<b>Shakers</b>				
20, 25 Treelift	525	24/24F	153-5656	3T-5857
			3T-5858	9X-1382

**PROPOSITION 65 WARNING:** Battery posts, terminals and related accessories contain lead and lead compounds, chemicals known to the state of California to cause cancer and reproductive harm. **Wash hands after handling.**



**IMPORTANT NOTE: BATTERIES CAN EXPLODE! Always wear safety glasses AND shield eyes when working around batteries. Always check for proper polarity and sufficient terminal clearance BEFORE final installation to avoid dangerous sparks, potential explosion, possible severe personal injury and/or expensive electrical system and/or vehicle/equipment damage. Always check for proper polarity and sufficient clearances before connecting cables and closing hood or covers.**

MAKE EQUIPMENT TYPE YEAR/MODEL	CCA @ 0°F	O.E. BCI NO.	REPLACEMENT	
			OPTION 1	OPTION 2
<b>WHITE-NEW IDEA DIVISION</b>				
<b>AGCO CORPORATION</b> Formerly "WHITE FARM EQUIPMENT CO." & "AVCO NEW IDEA"				
U1 w/ SAE posts. Replace cables or use terminal adapters.				
<b>Wheel Tractors</b>				
1996-91 4650	470	48	8C-3605	—
1996-91 4660, 5680, 5760	470	49	8C-3605	—
1997-95 5550, 5650, 6045	470	49	8C-3605	—
1997-91 6065 ROPS, 6065C, 6085, 6090	470	49	8C-3605	—
1997-91 6105, 7630, 7650, 8610, 8630 (Best fit estimate. See note on p. 1)	630	4DLT	153-5700 Δ	8C-3622
1997-93 6124, 6125, 6144, 6145, 6175, 6195, 6215	600	24(2)	153-5656	3T-5857
1997-91 6670, 6680, 6690	470	49	8C-3605	—
2000-95 6410, 6510, 6710, 6810	900	24(2)	—	—
1997-91 7600	500	49	8C-3605	—
2000-98 8510, 8610, 8710, 8810	600	24(2)	153-5656	3T-5857
1997-93 9435, 9455, 9630, 9635, 9650, 9655, 9670, 9675, 9690, 9695, 9815	600	24(2)	153-5656	3T-5857
1991-73 60, 80, 100, 120, 140, 160, 185, 1870, 2270	685	30H(1,2)	3T-5760	115-2422
1993-90 125, 145, 170, 195	580	24(2)	153-5656	3T-5857
1976-71 1270, 1370, 1465, 1470	810	3EH(2)	8C-3632	—
1984-79 2-30, 2-35	515	31	175-4370	175-4390
1988-80 2-32, 2-45, 2-55, 2-62, 2-65, 2-75	530	27(1,2)	153-5656	8C-3601
1981-76 2-50, 2-60	810	3EH(2)	8C-3632	—
1982-75 2-70	610	4(2)	8C-3633	8T-9733
1987-75 2-85, 2-88, 2-105; 2-110: Turbo	830	3EH(2)	8C-3632	—
1982-77 2-135, 2-155	515	30H(2)	3T-5760	115-2422
1987-82 2-135, 2-155 Series 3: Turbo	515	30H	3T-5760	115-2422
1976-75 2-150	575	30H(2)	3T-5760	115-2422
1988-78 2-180	515	31(2)	175-4370	175-4390
1986-82 2-180 Series 3	515	30H(2)	3T-5760	115-2422
1991-86 FB16, FB21	340	U1	8C-3636 ¥	—
1991-86 FB31, FB37, FB43	660	27	153-5656	8C-3601
1988-86 FB185	515	30H(2)	3T-5760	115-2422
<b>MINNEAPOLIS-MOLINE-WHITE</b>				
<b>Wheel Tractors</b>				
1963-57 4 Star, 5 Star: All models	350	3EE(1,2,3)	8C-3620	—
1960-56 335 Series	450	1	8C-3617	8T-9734
1959-56 445 Series	350	3EE	8C-3620	—
1966-60 500, 600: Gas, Diesel (req. 2 batts.)	350	3EE(1,2)	8C-3620	—
1972-69 A4T-1400, -1600: LPG, Diesel (req. 2 batts.)	575	30H(1,2)	3T-5760	115-2422
1959-48 GB, GBD	350	3EE(1,3)	8C-3620	—
1962-59 G-VI: LPG, Diesel (req. 3 batts.)	350	3EE(1,3)	8C-3620	—
1973-72 G-350, G-450: Diesel	810	3EH	8C-3632	—
1964-62 G-705, G-706: Gas, LPG, Diesel (req. 3 batts.)	350	3EE(2,3)	8C-3620	—
1965 G-707, G-708: LPG, Diesel (req. 3 batts.)	350	3EE(2,3)	8C-3620	—
1974-71 G-750, -850, -940: Gas, LPG	385	60	—	—
1974-71 G-750: Diesel	725	5D	8C-3633	8T-9733

MAKE EQUIPMENT TYPE YEAR/MODEL	CCA @ 0°F	O.E. BCI NO.	REPLACEMENT	
			OPTION 1	OPTION 2
<b>Wheel Tractors (continued)</b>				
1974-71 G-850, G-940: Diesel	830	3EH	8C-3632	—
1969-67 G-900: Gas, LPG, Diesel (req. 2 batts.)	575	30H(1,2)	3T-5760	115-2422
1972-69 G-950: Gas, LPG, Diesel (req. 2 batts.)	575	30H(1,2)	3T-5760	115-2422
1968-65 G-1000, G-1000 Vista: Gas, LPG	350	3EE(2)	8C-3620	—
1968-65 G-1000, G-1000 Vista: Diesel	350	3EE(3)	8C-3620	—
1969 G-1000, G-1000 Vista: Gas	575	30H	3T-5760	115-2422
1969 G-1000, G-1000 Vista: Diesel	575	30H(2)	3T-5760	115-2422
1972-69 G-1050, G-1350: Gas, Diesel (req. 2 batts.)	575	30H(1,2)	3T-5760	115-2422
1976-73 G-955, G-1355	575	30H(2)	3T-5760	115-2422
1955-43 L Unitractor, RTI, UTI, UTIL, Z	350	2L	153-5690 ≈	8C-3629
1963-56 L Unitractor: S-24 Unitractor: Gas	385	60	—	—
1962-59 M-5: Gas, LPG, Diesel (req. 2 batts.)	350	3EE(1,2)	8C-3620	—
1964-63 M-602, M-604: Gas, LPG, Diesel (req. 2 batts.)	350	3EE(1,2)	8C-3620	—
1970-65 M-670, M-670: Super	350	3EE	8C-3620	—
1963-60 S-24 Unitractor: Diesel	585	2(2)	153-5690	8C-3629
1959-52 UB, UTS, UTID, UTILD, UTI, UTIL, Z, ZB	350	3EE(1,2)	8C-3620	—
1970-64 U-302: Gas, LPG, Diesel (req. 2 batts.)	350	3EE(1,2)	8C-3620	—
1971-59 Jet Star: All models	350	3EE(1,2)	8C-3620	—
<b>Articulated Wheel Tractors</b>				
1982-74 4-150, 4-180, 4-210	645	30H(2)	3T-5760	115-2422
1990-79 4-175; 4-270: Turbo	515	31(2,3)	175-4370	175-4390
1988-83 4-225: Turbo	515	30H(2)	3T-5760	115-2422
<b>Power Units</b>				
1981-76 700	800	4D	153-5700	9X9720
1976-75 703, 704: Gas	545	2(2)	153-5690	8C-3629
1975 705: Diesel	760	4D(2)	153-5700	9X9720
1975 706: Diesel	545	2(2)	153-5690	8C-3629
1982-76 706D, 707D, 708, 709, 801, 800, 802	935	8D	153-5720	101-4000
1985-83 800A, 802A, 803A	625	31(2)	175-4370	175-4390
1992-85 800C, 802C, 803C	750	31(2)	175-4370	175-4390
<b>Self-Propelled Combines</b>				
1985-75 5542, 7300: Gas	360	24	153-5656	3T-5857
Diesel	700	4(2)	8C-3633	8T-9733
1978-75 8600, 8800: Gas	360	24	153-5656	3T-5857
Diesel	810	3EH(2)	8C-3632	—
1985-78 8700, 8900, 8920	500	24F(2)	3T-5858	9X-1382
1985-79 9700, 9720	480	31(3)	175-4370	175-4390
1993-92 W2500, W2600	580	24(2)	153-5656	3T-5857
<b>Uni Harvesters</b>				
1993-85 800C, 802C, 803C	750	31(2)	175-4370	175-4390
<b>WILLMER</b>				
<b>Sprayers</b>				
785, 7200	650	24F/24(2)	127-0824	9X-1382
6200, 6400	650	24F/24	127-0824	9X-1382

**Farm Equipment Replacement Footnote Codes:**

- ≈ Replacement battery is taller than O.E. **Check height clearance carefully before closing hood or cover to avoid sparks, battery explosion, electrical system and/or vehicle damage and fire!**
- ∞ Replacement battery is wider than O.E. Hold-down and/or tray replacement may be necessary.
- π Replacement battery is longer than O.E. Hold-down and/or tray replacement may be necessary.
- # Replacement battery is longer and wider than O.E. Hold-down and/or tray replacement may be necessary.
- ¥ Check O.E. CCA requirements. **Replacement CCA may not be sufficient.**
- Ω Replacement battery is longer and taller than O.E. **Check height clearance carefully to avoid sparks, battery explosion, electrical system and/or vehicle damage and fire.** Hold-down and tray replacement may be necessary.
- ≈ Battery hold-down may need to be replaced and/or modified. Battery cable replacement may be necessary.
- Δ Replacement battery is wider and taller than O.E. **Check height clearance carefully to avoid sparks, battery explosion, electrical system and/or vehicle damage and fire.** Hold-down and/or tray replacement may be necessary.

**PROPOSITION 65 WARNING:** Battery posts, terminals and related accessories contain lead and lead compounds, chemicals known to the state of California to cause cancer and reproductive harm. **Wash hands after handling.**



# TRUCKS & BUSES

## ABC BUS — CHEVROLET

**IMPORTANT NOTE: BATTERIES CAN EXPLODE! Always wear safety glasses AND shield eyes when working around batteries. Always check for proper polarity and sufficient terminal clearance BEFORE final installation to avoid dangerous sparks, potential explosion, possible severe personal injury and/or expensive electrical system and/or vehicle/equipment damage. Always check for proper polarity and sufficient clearances before connecting cables and closing hood or covers.**

MAKE EQUIPMENT TYPE YEAR/MODEL	CCA @ 0°F	O.E. BCI NO.	REPLACEMENT	
			OPTION 1	OPTION 2
<b>ABC BUS</b>				
<b>Van Hool Motorcoaches</b>				
2000-85 T-800, T-815, T-900, T-915, T-2100	730	8D(2)	153-5720	101-4000
<b>ACF-BRILL</b>				
<b>Buses</b>				
1954-46 C-26 thru C-44, IC-41, -41A, SU-37	950	4B(1,2)	153-5700	153-5720
<b>AUTOCAR DIVISION</b>				
<b>VOLVO GM HEAVY TRUCK CORP.</b>				
<i>Battery requirements vary greatly with individual trucks. The following group number batteries are used. Measure carefully. Watch VOLTAGE and POLARITY!</i>				
<b>Trucks</b>				
2000-87 AC	625	31(3,4)	175-4360	175-4370
AC Optional	720	31(4)	175-4370	175-4390
AC Optional	550	31(4)	175-4360	175-4370
1986-61 AT, DC, DK, S	475	24(4)	153-5656	3T-5857
Optional	620	27(3,4)	153-5656	8C-3601
Optional	1000	8D(2)	153-5720	101-4000
Optional	875	7D(4)	8C-3635	8T-9731
Optional	720	4D(4)	153-5700	9X9720
Optional	525	30H(4)	3T-5760	115-2422
Optional	625	31(1,4)	175-4370	175-4390
Optional	540	2	153-5690	8C-3629
Optional	590	2E	8C-3632 Δ	—
Optional	475	1	8C-3617	8T-9734
Optional	775	5D	8C-3633	8T-9733
Optional	800	6D	153-5700	9X9720
Optional	920	4	8C-3633	—
1960-40 All models ex. below:	920	4(4)	8C-3633	—
Optional	540	2(2,4)	153-5690	8C-3629
C55, C57	620	27	153-5656	8C-3601
1961-59 All w/ Air start	400	60	—	—
<b>BECK, C. D.</b>				
<b>C. D. BECK</b>				
<b>Buses</b>				
1957-51 All models	1000	8D(2)	153-5720	101-4000
<b>BROCKWAY MOTOR TRUCKS</b>				
<i>Some ratings are based upon industry consensus in the absence of company-supplied information.</i>				
<b>Trucks</b>				
1956-44 88WH, 88WHX	540	2	153-5690	8C-3629
1965-60 "100" Series: All	390	30H	3T-5760	115-2422
1959-44 "100" Series	540	2(1,2)	153-5690	8C-3629
1968-47 "200" Series: All except below	540	2(2)	153-5690	8C-3629
1959-55 255W, 258W, 260SF, 260WD, -WLD	540	2(2)	153-5690	8C-3629
1968-59 257T, E257TL, 258T, 260L, -LF, -LQ, -T	540	2(2)	153-5690	8C-3629
1956-44 260XL, 260XLBB	540	2(2)	153-5690	8C-3629
1968-59 F-, H-, J-, N-257T, N-257TL	740	5D(2,4)	8C-3633	8T-9733
1965-60 F-, H-, N-258T, N-258TL	740	5D(4)	8C-3633	8T-9733
1968-59 F260-L, -LF, -LQ, -T, H260L, -LQ	740	5D(4)	8C-3633	8T-9733
1968-59 N260-L, -LF, -LQ, -T	740	5D(4)	8C-3633	8T-9733
1977-74 "A" Series: All	700	4(4)	8C-3633	8T-9733
1968 B358	390	30H	3T-5760	115-2422
1965-61 "C" Series ex. C358	740	5D(2)	8C-3633	8T-9733
1970-65 C358	700	4(4)	8C-3633	8T-9733

MAKE EQUIPMENT TYPE YEAR/MODEL	CCA @ 0°F	O.E. BCI NO.	REPLACEMENT	
			OPTION 1	OPTION 2
<b>Trucks (continued)</b>				
1977-65 "E" Series ex. E257TL	700	4(4)	8C-3633	8T-9733
1968-65 E257TL	540	2	153-5690	8C-3629
1977-71 "F" Series ex. F527T	700	4(4)	8C-3633	8T-9733
1964 F527T	740	5D(4)	8C-3633	8T-9733
1977-72 H360, -457, -762	700	4(4)	8C-3633	8T-9733
1977-75 H457, -762	700	4(4)	8C-3633	8T-9733
1964 J257	740	5D(2)	8C-3633	8T-9733
1977-72 J358, -527, -550	700	4(4)	8C-3633	8T-9733
1977-65 "K" Series: All	700	4(4)	8C-3633	8T-9733
1968-65 L358	540	2(2)	153-5690	8C-3629
1968-65 M358	390	30H	3T-5760	115-2422
1977-63 "N" Series ex. N200 Series	700	4(4)	8C-3633	8T-9733
1968-61 N200 Series: All	740	5D(4)	8C-3633	8T-9733
1969-65 "R" Series: All ex. R358	700	4(4)	8C-3633	8T-9733
1968-65 R358	540	2(2)	153-5690	8C-3629
1973-65 T358, T527, W359	700	4(4)	8C-3633	8T-9733
1977-69 U360, -459, -762	700	4(4)	8C-3633	8T-9733
1973-69 "V" Series: All	700	4(4)	8C-3633	8T-9733
1970-67 W359, -459	700	4(4)	8C-3633	8T-9733
1960-44 The following sizes were used:				
Optional	540	2(2)	153-5690	8C-3629
Optional	600	3	153-5690	8C-3630
Optional	700	4(2,4)	8C-3633	8T-9733
Optional	740	5D(2,4)	8C-3633	8T-9733
<b>Buses</b>				
1965-61 All models	540	2(2)	153-5690	8C-3629
1953-47 88B, 88B-31, 146B-43	700	4	8C-3633	8T-9733
1955-48 146B, -49, -BX, 88-, 128-, 148-, 154BX	900	7D	8C-3635	8T-9731
1959-56 147BW, 247BW	700	4	8C-3633	8T-9733
1953-47 154B, -55; 328BW thru 655BW	900	7D	8C-3635	8T-9731
1955-41 All except Task Force Series	550	1	8C-3617	8T-9734
Task Force Series	350	24	153-5656	3T-5857
1968-56 All w/ Gas engines	350	24	153-5656	3T-5857
<b>CHEVROLET</b>				
<b>Trucks</b>				
1969-58 "P" Models	350	24	153-5656	3T-5857
1970-62 3 & 4 cyl. Diesel	635	4D	153-5700	9X9720
1970-62 6 cyl. Diesel	830	8D	153-5720	101-4000
1977 PS40	475	31	175-4370	175-4390
1976-73 CE-, CS-50, CE-, CM-, CS-, SE-, SM-, SS-60, CE-, CM-, ME-65	350	74	153-5660	—
1974-73 SS-60, CE-, CM-, ME-65 Optional	350	74	153-5660	—
1978-77 CG-, SG-, TE-, TM-60	275	71	156-5660 Ω	7X-6100
1975-73 TE-65	350	74	153-5660	—
1975-73 Optional	350	27	153-5656	8C-3601
1976-73 TG-60, TM-65	350	27	153-5656	8C-3601
1977 CS-50, CS-55, TE-60, TE-65, CD-60, SE-60, HE-80, JE-80	350	74	153-5660	—
1976 CS-50, CS-55, TE-60, TE-65, CD-60, SE-60, HE-80, JE-80	275	71	156-5660 Ω	7X-6100
1977 CE-50, CS-50, CS-60, CE-65, ME-65, TE-60, TE-65	275	71	156-5660 Ω	7X-6100
1977 Optional, All models	350	74	153-5660	—
1979-76 CD-60, HV-, HY-, JV-, JY-70	475	31	175-4370	175-4390
1973 HV-, HY-, JV-, JY-70	880	8D	153-5720	101-4000
1977 DC-, DH-, DP-, FC-, FH-, HC-, HH-, JC-, JH-, JB-, MB-, MC-90	475	31	175-4370	175-4390
1976-73 MB-, MC-90	860	7D(4)	8C-3635	8T-9731
1976 JI-, JJ-, MC-, MH-90	475	31	175-4370	175-4390
1973 WM-80	350	27	153-5656	8C-3601
Optional	370	30H	3T-5760	115-2422
1973 DN-90, FN-90	630	4	8C-3633	8T-9733
1973 MH-90, DI-, FI-, HI-, JI-90	880	8D(2,3)	153-5720	101-4000

**PROPOSITION 65 WARNING:** Battery posts, terminals and related accessories contain lead and lead compounds, chemicals known to the state of California to cause cancer and reproductive harm. **Wash hands after handling.**

# TRUCKS & BUSES

## CHEVROLET — CRANE CARRIER

BATTERY SAFETY

CATERPILLAR EQUIP.

INDUSTRIAL EQUIPMENT

FARM EQUIPMENT

TRUCKS & BUSES

AUTO & LTV

L & G / SMALL ENGINE

REFERENCE

**IMPORTANT NOTE: BATTERIES CAN EXPLODE! Always wear safety glasses AND shield eyes when working around batteries. Always check for proper polarity and sufficient terminal clearance BEFORE final installation to avoid dangerous sparks, potential explosion, possible severe personal injury and/or expensive electrical system and/or vehicle/equipment damage. Always check for proper polarity and sufficient clearances before connecting cables and closing hood or covers.**

MAKE EQUIPMENT TYPE YEAR/MODEL	CCA @ 0°F	O.E. BCI NO.	REPLACEMENT	
			OPTION 1	OPTION 2
<b>Trucks (continued)</b>				
1977 CE-50, CS-50, CE-60, CS-60, ME-65, CE-65, TE-60, TE-65	275	71	156-5660 Ω	7X-6100
<b>5000-9500:</b>				
1986-80 Gasoline: C5D, C6D, C7D, CW6N, CW7N, P6T	390	71	156-5660 Ω	7X-6100
Optional	540	78	153-5660 ≈	127-0826 ≈
Optional	525	74	153-5660	—
Optional	625	31	175-4370	175-4390
1980 J8C	460	73	156-5660 Ω	7X-6100
Optional	525	74	153-5660	—
1985-80 P4T	580	31	175-4370	175-4390
1986-80 Diesel: C6D, C7D, P6T	525	74(2)	153-5660	—
Optional	580	31(2,3)	175-4370	175-4390
Optional	540	78	153-5660 ≈	127-0826 ≈
1986-80 J8C, J9C, N9E, N9F, D9K, D9L	625	31(2,3,4)	175-4360	175-4370
1986-80 Diesel: W4S, W7R	580	31(2)	175-4370	175-4390
<b>F7 Cab Forward:</b>				
2000-98 7.4L	600	78	153-5660 ≈	127-0826 ≈
Optional	770	78	153-5660 ≈	127-0826 ≈
Optional Diesel	625	31	175-4370	175-4390
Optional Diesel	750	31	175-4370	175-4390
<b>P-Series Step Vans:</b>				
2000-97 V6 4.3L	600	78	153-5660 ≈	127-0826 ≈
Optional	690	78	153-5660 ≈	127-0826 ≈
1996-89 V6 4.3L	525	75	7X-6100	153-5660 ≈
Optional	630	78	153-5660 ≈	127-0826 ≈
1989 6-cyl. 4.8L	430	75	7X-6100	153-5660 ≈
2000-97 V8 5.7L	600	78	153-5660 ≈	127-0826 ≈
Optional	690	78	153-5660 ≈	127-0826 ≈
1996-89 V8 5.7L ex. LPG	580	75	7X-6100	153-5660 ≈
1996-94 All Optional, LPG	630	78	153-5660 ≈	127-0826 ≈
1993-89 Optional, LPG	630	78	153-5660 ≈	127-0826 ≈
1991-89 V8 6.2L Diesel	540	78(2)	153-5660 ≈	127-0826 ≈
2000-93 V8 6.5L Diesel	600	78(2)	153-5660 ≈	127-0826 ≈
2000-99 V8 Diesel, Cat 3116T	600	78(2)	153-5660 ≈	127-0826 ≈
2000-97 V8 7.4L	600	78	153-5660 ≈	127-0826 ≈
1993-89	630	78	153-5660 ≈	127-0826 ≈
1996-93 All	550	31	175-4370	175-4390
1996-93 Optional	750	31	175-4370	175-4390
1995-87 All	550	31	175-4370	175-4390
1995-93 All Optional	720	31	175-4370	175-4390
2000-97 Cat. 3116T	600	78	153-5660 ≈	127-0826 ≈
<b>P-Series Motor Homes:</b>				
1996-89 V8 5.7L	525	75	7X-6100	—
2000-94	600	78	153-5660 ≈	127-0826 ≈
1993-89	630	78	153-5660 ≈	127-0826 ≈
2000-87	550	31	175-4370	175-4390
2000-93	750	31	175-4370	175-4390
2000-97 V8 7.4L	600	78	153-5660 ≈	127-0826 ≈
2000-93 S-Series Postal Truck	600	78	153-5660 ≈	127-0826 ≈
2000-95 S-Series Utility Vehicle	525	75	7X-6100	—
	690	75	7X-6100	—
1993-89	630	78	153-5660 ≈	127-0826 ≈
1988-87 BP042	515	78	153-5660 ≈	127-0826 ≈
Optional	625	31(1,2)	175-4370	175-4360
1988-87 C5, C6, C7D042/64	515	78	153-5660 ≈	127-0826 ≈
Optional	430	71	156-5660 Ω	7X-6100
Optional	625	78(2,3)	153-5660	127-0826 ≈
Optional	625	31(2,3)	174-4370	175-4360

MAKE EQUIPMENT TYPE YEAR/MODEL	CCA @ 0°F	O.E. BCI NO.	REPLACEMENT	
			OPTION 1	OPTION 2
<b>Trucks (continued)</b>				
<b>Kodiac, C5H, C6H, C7H:</b>				
2000-91 6.0L, 7.0L, 7.4L	625	31	175-4360	175-4370
2000-91	600	78	153-5660 ≈	127-0826 ≈
2000-95	770	78	153-5660 Y	127-0826 ≈
1994-91	750	78	153-5660 Y	127-0826 ≈
2000-96 Cat. 3116T	625	31	175-4370	175-4390
2000-91	750	31	175-4370	175-4390
2000-95	900	31	175-4390	—
1995 Optional	900	31	175-4390	—
1988-87 J8, J9, D9, N9	625	31(2,3,4)	175-4360	175-4370
1988-87 P6T042	515	78(1,2)	153-5660 ≈	127-0826 ≈
Optional	625	31(2)	175-4370	175-4360
<b>S-Series</b>				
2000-93 Postal Truck	600	78	153-5660 ≈	127-0826 ≈
Optional	690	78	153-5660 ≈	127-0826 ≈
Utility Vehicle	525	75	7X-6100	—
Optional	690	75	7X-6100	—
<b>School Buses</b>				
2000-96 BS, B7: Gas	625	31	175-4370	175-4390
	600	78	153-5660 ≈	127-0826 ≈
	770	78	127-0826 ≈	—
2000-98 Cat. 3116T: Diesel	625	31	175-4370	175-4390
2000-96	750	31	175-4370	175-4390
2000-98 GM 6.5L: Diesel	600	78	153-5660 ≈	127-0826 ≈
1997-96 BS: Diesel	750	31	175-4370	175-4390
1995-92 BS	625	31	175-4370	175-4390
1995-92 Optional	580	78	153-5660 ≈	127-0826 ≈
1991-89 "P-" Series	550	31	175-4370	175-4390
1991 Optional	720	31	175-4370	175-4390
1988-81 B6P: Diesel	525	74(2)	153-5660	—
Optional	520	78	153-5660 ≈	127-0826 ≈
Optional	625	31(2)	175-4370	175-4360
Optional	800	4D	153-5700	9X9720
Optional	880	8D	153-5720	101-4000
1986-80 B6P, CB6P: Gas	460	73	156-5660 Ω	7X-6100
Optional	390	71(2)	156-5660 Ω	7X-6100
Optional	525	74(2)	153-5660	—
Optional	625	31(2)	175-4370	175-4360
1978-77 SE-60	340	74	153-5660	—
1976-74 All	340	74	153-5660	—
1970-56 All	350	27	153-5656	8C-3601
Optional	475	31	175-4370	175-4390
1955-41 All	600	2	153-5690	8C-3629
<b>CORBITT</b>				
<b>Trucks</b>				
1949-46 All "18" Series, 22TG, H22TG, 25BG, 25FG	550	1(2)	8C-3617	8T-9734
1949-46 22BG, H22BG, 22FG, 25TG, H25TG	750	4(2)	8C-3633	8T-9733
1949-46 22-, H22-, 25-, H25-, 27-, 28TD	900	7D(4)	8C-3635	8T-9731
1949-46 28BG, 28FG, 28TG	750	4(2)	8C-3633	8T-9733
1954-50 All "D" Series	900	7D(2,4)	8C-3635	8T-9731
1954-50 G-101, G-302	550	1(2)	8C-3617	8T-9734
1954-50 G-301, G-401 thru G-603	750	4(1,2)	8C-3633	8T-9733
<b>CRANE CARRIER</b>				
<b>Trucks</b>				
1997-78 All	750	31(2-4)	175-4370	175-4390
	950	31(2-4)	175-4390	—

**PROPOSITION 65 WARNING:** Battery posts, terminals and related accessories contain lead and lead compounds, chemicals known to the state of California to cause cancer and reproductive harm. **Wash hands after handling.**

Refer to page 80 for explanation of Trucks & Buses replacement footnotes.

# TRUCKS & BUSES

## DART — DODGE



**IMPORTANT NOTE: BATTERIES CAN EXPLODE! Always wear safety glasses AND shield eyes when working around batteries. Always check for proper polarity and sufficient terminal clearance BEFORE final installation to avoid dangerous sparks, potential explosion, possible severe personal injury and/or expensive electrical system and/or vehicle/equipment damage. Always check for proper polarity and sufficient clearances before connecting cables and closing hood or covers.**

MAKE EQUIPMENT TYPE YEAR/MODEL	CCA @ 0°F	O.E. BCI NO.	REPLACEMENT	
			OPTION 1	OPTION 2
<b>DART</b>				
See KW-DART				
<b>DIAMOND REO TRUCKS</b>				
<b>OSTERLUND, INC.</b> See also "REO"				
<b>Trucks</b>				
2000-89 All	700	31(3)	175-4370	175-4390
1972-67 C-50D	710	4(4)	8C-3633	8T-9733
1971-70 C-50D: DD 6-71N	875	7D(2)	8C-3635	8T-9731
1974-67 C-90, C-101	390	30H	3T-5760	115-2422
Optional	710	4(2)	8C-3633	8T-9733
1974-67 C-90D, C-92D: DD 6-71N	875	7D(2)	8C-3635	8T-9731
Cummins	710	4(4)	8C-3633	8T-9733
1975-74 C-92, C-11 9: Cummins	710	4(4)	8C-3633	8T-9733
DD 6-71N	875	7D(2)	8C-3635	8T-9731
1970-67 C-101, C-990D, CF-55	710	4(2,4)	8C-3633	8T-9733
1972-67 C-114D, Cat. 1673A, Cummins DD 8V-71N	710	4(4)	8C-3633	8T-9733
1975-72 C-116D: Cat. 1774C, Cummins DD 8V-71	710	4(4)	8C-3633	8T-9733
1971-67 C-180, C-190, V8-210, DD 6V-53N	880	8D	153-5720	101-4000
1972 C-180, C-190, V8-210, DD 6V-53N	875	7D(2)	8C-3635	8T-9731
1972-69 Perkins 6-354	500	3(2)	153-5690	8C-3630
1972-67 CF-59: 6 cyl.	390	27	153-5656	8C-3601
Cummins	520	2(4)	153-5690	8C-3629
DD 6V-71N	875	7D(2)	8C-3635	8T-9731
1975 CF-60: 5-cyl.	270	27	153-5656	8C-3601
Detroit Diesel, Cat., Cummins	275	27(2,3)	153-5656	8C-3601
1974-72 CF-65: Gas	390	30H	3T-5760	115-2422
Cummins	710	4(4)	8C-3633	8T-9733
Optional	875	7D(4)	8C-3635	8T-9731
1972-67 CF-68: V-8 Gas	270	24	153-5656	3T-5857
1972 Cummins	875	7D(2)	8C-3635	8T-9731
DD 4-53N	710	4(2)	8C-3633	8T-9733
1972-67 CF-83: 6-cyl.	270	27	153-5656	8C-3601
V-8	390	30H	3T-5760	115-2422
Diesel	875	7D(2)	8C-3635	8T-9731
1972-67 CF-83D: Cummins	710	4(2,4)	8C-3633	8T-9733
Perkins	500	3(2)	153-5690	8C-3630
1975-67 CO-54/88: 6-volt, 8-volt	710	4(2,4)	8C-3633	8T-9733
1972-67 CPB-42	390	27	153-5656	8C-3601
1975-67 CPB-42D, DC-101: DD6V-71N	710	4(2,4)	8C-3633	8T-9733
1975-72 DD 12V-71N, DD 6-71N	970	7D(2,4)	8C-3635	8T-9731
<b>Giant:</b>				
1988-78 C11664DB, -DBH, -DBT, -DF, C11642DB	875	7D(4)	8C-3635	8T-9731
1988-80 C11642DF, C11644DB, C11666DB	875	7D(4)	8C-3635	8T-9731
<b>DIAMOND T</b>				
<b>Trucks</b>				
1959-52 Models 323 thru 431	550	2	153-5690	8C-3629
1965-55 Models 433 thru 532: ex. below	650	4(1,2)	8C-3633	8T-9733
1959-58 530C, 531, 532, 532C	330	32N	—	—
1965-59 534, 634 & 734 Series, 738CG, 838CG	500	27	153-5656	8C-3601
w/ OH 200 engine	600	30H	3T-5760	115-2422
1957-52 Models 622 thru 630 & 662	650	4(1,2)	8C-3633	8T-9733
1961-51 660 & Models 720 thru 723JT	700	5D(1,4)	8C-3633	8T-9733
720, 720C under seat	650	4	8C-3633	8T-9733
1961-54 723C, 723CJT	750	4D(4)	153-5700	9X9720
1961-55 All other '700' Series	650	4(1,2)	8C-3633	8T-9733
1961-55 All '800' Series except 838CG above	650	4(1,2)	8C-3633	8T-9733

MAKE EQUIPMENT TYPE YEAR/MODEL	CCA @ 0°F	O.E. BCI NO.	REPLACEMENT	
			OPTION 1	OPTION 2
<b>Trucks (continued)</b>				
1967-51 Models 920 thru 921, except below	850	7D(2,4)	8C-3635	8T-9731
921, -B, -D, -DB, -DF, -F	700	5D(4)	8C-3633	8T-9733 Y
w/ Cummins eng. (1967-66)	650	4(4)	8C-3633	8T-9733
1967-59 Models 923 thru 933, ex. 923D	750	4D(4)	153-5700	9X9720
923D, 990	700	5D(4)	8C-3633	8T-9733 Y
923D if mounted back of cab	850	7D(4)	8C-3635	8T-9731
1959-51 All 950 models	850	7D(4)	8C-3635	8T-9731
1967-66 Models 1044 thru 1096: w/ DD 6-71N eng.	850	7D(2)	8C-3635	8T-9731
w/ other engines	650	4(4)	8C-3633	8T-9733
1967-66 All 'AF' models	650	4(2,4)	8C-3633	8T-9733
1962-60 Models 2000 thru D-7320	500	27	153-5656	8C-3601
1967-63 Models D-3000 thru D-5780	500	27	153-5656	8C-3601
w/ OH 200 engine	600	30H	3T-5760	115-2422
1967-66 Models D-6000 thru D-7300	600	30H	3T-5760	115-2422
1967-66 Models DF-3000D thru C-5780D	650	4(2,4)	8C-3633	8T-9733
w/ Perkins engine	550	3(2)	153-5690	8C-3630
1967-66 DL-6000D, -7000D: w/ DD 6V-53N eng.	950	8D	153-5720	101-4000
1967-66 P-2000 thru P-5560, ex. below	500	27	153-5656	8C-3601
P-2000D, -3000D, -4000D w/ Perkins eng.	550	3(2)	153-5690	8C-3630
w/ Cummins engine	650	4(2)	8C-3633	8T-9733
P-4300D thru 5560D w/ DD 6V-53N eng.	950	8D	153-5720	101-4000
P-4560 thru 5560 w/ DT8-250 eng.	600	30H	3T-5760	115-2422
1965-63 P-2000 thru P-5400, Q-4300, -5300	500	27	153-5656	8C-3601
w/ OH 200 engine	600	30H	3T-5760	115-2422
1965-63 P-2000D thru P-5400D	650	4(2)	8C-3633	8T-9733
<b>Buses</b>				
1965-60 All: ex. 4780 w/ OH 200 engine	500	27	153-5656	8C-3601
4780 w/ OH 200 engine	600	30H	3T-5760	115-2422
<b>DIVCO</b>				
<b>Trucks</b>				
1967-41 All: Diesel requires 2 batts.	500	27(1,2)	153-5656	8C-3601
<b>DODGE</b>				
<b>Trucks</b>				
1955-54 All: ex. C1-Y6	550	1	8C-3617	8T-9734
C1-Y6	650	4	8C-3633	8T-9733
1968-56 All: ex. C-3-DU, -EU	375	24	153-5656	3T-5857
Optional	440	27	153-5656	8C-3601
C-3-DU, -EU	550	1	8C-3617	8T-9734
1979-69 C-500, -600, -700, -800, CT-700, -800	375	24	153-5656	3T-5857
Optional	440	27	153-5656	8C-3601
1975-69 CT-900, C-1000	440	27	153-5656	8C-3601
Optional	390	30H	3T-5760	115-2422
1975-69 CN-900, CNT-900	700	4(4)	8C-3633	8T-9733
1977-69 D-100, -200, -300, -400, -500, -600	375	24	153-5656	3T-5857
Optional	440	27	153-5656	8C-3601
1977-69 D-700, D-800 w/ 361 engine	375	24	153-5656	3T-5857
Optional	440	27	153-5656	8C-3601
1977-69 413, 478, 549 eng.	440	27	153-5656	8C-3601
1975-69 L-600, -700	375	24	153-5656	3T-5857
Optional	440	27	153-5656	8C-3601
1971-69 LN-, LV-, LNT-, LS-, LT-, LVT-1000	700	4(4)	8C-3633	8T-9733
1974-69 P-200, -300, -400	440	24	153-5656	3T-5857
1977-69 W-400 thru W-600	375	24	153-5656	3T-5857
Optional	440	27	153-5656	8C-3601
1978 360-3, 440-3 engine: M3 model	440	27	153-5656	8C-3601
Optional	385	30H	3T-5760	115-2422

**PROPOSITION 65 WARNING:** Battery posts, terminals and related accessories contain lead and lead compounds, chemicals known to the state of California to cause cancer and reproductive harm. **Wash hands after handling.**



**IMPORTANT NOTE: BATTERIES CAN EXPLODE! Always wear safety glasses AND shield eyes when working around batteries. Always check for proper polarity and sufficient terminal clearance BEFORE final installation to avoid dangerous sparks, potential explosion, possible severe personal injury and/or expensive electrical system and/or vehicle/equipment damage. Always check for proper polarity and sufficient clearances before connecting cables and closing hood or covers.**

MAKE EQUIPMENT TYPE YEAR/MODEL	CCA @ 0°F	O.E. BCI NO.	REPLACEMENT	
			OPTION 1	OPTION 2
<b>Trucks (continued)</b>				
1978 M4, M5 models	385	30H	3T-5760	115-2422
1978 CB, MB, MBL ex. 440 engine	375	24	153-5656	3T-5857
1978 MBH model; Diesel engine	500	27(1,2)	153-5656	8C-3601
<b>School Buses</b>				
<b>A-8 Series:</b>				
1968-63 S-400, -500, -600	500	27	153-5656	8C-3601
1969-63 S-400, -500, -600; w/ 361 eng.	385	30H	3T-5760	115-2422
<b>S-6 Series:</b>				
1978-66 S-500, -600, -700	385	30H	3T-5760	115-2422
<b>Motor Homes</b>				
1979-69 M-300, RM-300, RM-350	440	27	153-5656	8C-3601
1979-69 Optional	385	30H	3T-5760	115-2422
1981-80 V8 360	425	25	8C-3600	145-4517
1981-80 V8 440	500	27	153-5656	8C-3601
<b>Early Models</b>				
1955-48 All	600	2	153-5690	8C-3629
1962-56 All	500	24	153-5656	3T-5857
<b>DUPLEX</b>				
<b>Trucks</b>				
1956-44 All except listed below	750	4(1,2)	8C-3633	8T-9733
HRG6X4, T-20, -250	800	6D	153-5700	9X9720
TH, WC244	550	1	8C-3617	8T-9734
1968-57 All except listed below	600	30H(1,2)	3T-5760	115-2422
LC-220, -600	750	4(4)	8C-3633	8T-9733
1200D, 1600D	625	3(2)	153-5690	8C-3630
Beaver	375	24	153-5656	3T-5857
<b>EUCLID</b>				
<b>Trucks</b>				
1968-52 All except Air start	950	8D(1,2)	153-5720	101-4000
1961-52 w/ Air start	600	3T	8C-3635	8T-9731
1968-62 w/ Air start	600	4D	153-5700	9X9720
<b>FEDERAL</b>				
<b>Trucks</b>				
1956-52 C-11 thru CC-35, RB-451, 400-, 500-, 600R	750	4(1,2)	8C-3633	8T-9733
1954 FT-45		NA	—	—
1954 NC, NC10QM	625	3(2)	153-5690	8C-3630
1954-53 TT-11	950	8D	153-5720	101-4000
1955-52 1500 Series	550	1	8C-3617	8T-9734
1955-50 1600 thru 3000 Series	600	3	153-5690	8C-3630
1955-52 3400 thru 6500 Series	750	4	8C-3633	8T-9733
1958-57 All: Diesel requires 2 batts.	850	5D(1,2)	8C-3633	8T-9733 ¥
<b>FITZJOHN</b>				
<b>Buses</b>				
1956-53 540 w/ Cummins engine w/ IHC engine	950	8D	153-5720	101-4000
1956-50 FID, FIG, FTG	600	4D	153-5700	9X9720
1958-50 FID; FTD w/ Hercules DWXLD eng.	950	8D	153-5720	101-4000
1956-55 w/ Cummins JBS-600	600	4D(2)	153-5700	9X9720

MAKE EQUIPMENT TYPE YEAR/MODEL	CCA @ 0°F	O.E. BCI NO.	REPLACEMENT	
			OPTION 1	OPTION 2
<b>FLEXIBLE CO.</b>				
See "GRUMMAN FLEXIBLE CORP."				
<b>FORD</b>				
<b>Buses-Gasoline</b>				
1955-53 All	500	2F	153-5690 =	8C-3629
1958-56 All	300	32N	—	—
1977-59 All	530	27F	8C-3602	9X-1382
1979-75 B-500 to B-850	530	27F	8C-3602	9X-1382
1983-80 B-600, -700	450	63	8C-3611	—
1983-80 Optional	535	64	8C-3611	—
1997-83 All w/ 6.1L, 7.0L eng.	380	62	8C-3611	—
1997-83 Optional	535	64	8C-3611	—
<b>Buses-Diesel</b>				
1977-75 B6000, -7000, -8000	655	31	175-4370	—
1977-75 Optional	1135	8D	153-5720	101-4000
1983-80 B6000, B7000	525	64	8C-3611	—
1985-83 B7000, w/ Cat. 3208, 3406 eng.	655	31(2,3)	175-4370	175-4360
1985-83 All w/ 8.2L eng.	525	64(2,3)	8C-3611	—
1997-94 All (Special Grp. 24 batt. w/ center mounted terminals required)	600	24(2,3)	153-5656	3T-5857
1985-83 All w/ 8.2L eng.	525	64(2,3)	8C-3611	—
1997-94 All	600	24(2,4)	153-5656	3T-5857
1993-86 All	525	64(2,3)	8C-3611	—
1997-94 Optional	625	31(2,3)	175-4370	—
1997-94 Optional (Deep Cycle batt.)	625	31(2,3)	175-4360	—
1997-94 Optional	900	31(2)	175-4390	—
<b>Trucks-Gasoline</b>				
<b>C, CT Series:</b>				
1964-62 C-550, -600, -700	655	30H	3T-5760	115-2422
1975-65 C-500, -600, -700, -750	350	24F	3T-5858	9X-1382
1977-75 C-600, -700 w/ 300, 330, 361 eng.	530	27F	8C-3602	9X-1382
1979-78 C-600, -700, -800, CT-800, -900	530	27F	8C-3602	9X-1382
Optional	655	30H	3T-5760	115-2422
1986-80 C-600, -700, C-750, -800	380	62	8C-3611	—
Optional	525	64	8C-3611	—
1977-72 C-750, -800, -900	530	27F	8C-3602	9X-1382
1977-64 C-800, -900, CT-800, -900	415	27F	8C-3602	143-4084
1986-80 C-900	525	64	8C-3611	—
<b>F, FT Series:</b>				
1964-62 "F" Series: All	530	27F	8C-3602	9X-1382
1979-65 F-600; V8, F-700, -750, -800, -880	530	27F	8C-3602	9X-1382
1979-65 F-500, -600; 6-cyl.	525	24F	3T-5858	9X-1382
1994-80 F-600, -700, -800; All w/ 6.1L, 7.0L eng.	380	62	8C-3611	—
1986-80 Optional	525	64	8C-3611	—
<b>L, LN, LNT, LTS Series:</b>				
1977-65 LN-500, -600, -700	350	24F	3T-5858	9X-1382
1977-65 LN-750, L-, LN-800, LT-, LNT-, LTS-900	530	27F	8C-3602	9X-1382
1977-65 LN-600 w/ 300, 330 eng.	525	24F	3T-5858	9X-1382
1979-78 LN-600	525	24F	3T-5858	9X-1382
1979-78 LN-700	530	27F	8C-3602	9X-1382
1979-78 L-, LT-, LTS-, LN-, LNT-800, -900	530	27F	8C-3602	9X-1382
1979-78 Optional	655	30H	3T-5760	115-2422
1985-80 L-, LN-600, -700, L-800	450	63	8C-3611	—
1985-80 Optional	525	64	8C-3611	—
1985-80 L-900	525	64	8C-3611	—

**PROPOSITION 65 WARNING:** Battery posts, terminals and related accessories contain lead and lead compounds, chemicals known to the state of California to cause cancer and reproductive harm. **Wash hands after handling.**





# TRUCKS & BUSES

## FORD

**IMPORTANT NOTE: BATTERIES CAN EXPLODE! Always wear safety glasses AND shield eyes when working around batteries. Always check for proper polarity and sufficient terminal clearance BEFORE final installation to avoid dangerous sparks, potential explosion, possible severe personal injury and/or expensive electrical system and/or vehicle/equipment damage. Always check for proper polarity and sufficient clearances before connecting cables and closing hood or covers.**

MAKE EQUIPMENT TYPE YEAR/MODEL	CCA @ 0°F	O.E. BCI NO.	REPLACEMENT	
			OPTION 1	OPTION 2
<b>Trucks-Gasoline (continued)</b>				
<b>P Series:</b>				
1997-94 P600G (Deep Cycle batt. req.)	625	31	175-4360	—
1976-65 P-350, P-400, P-500	390	29NF	3T-5858 π	9X-1382 π
1974-64 P350	290	22F	3T-5859	9X-1384
Optional	390	29NF	3T-5858 π	9X-1382 π
1974-65 P400	390	29NF	3T-5858 π	9X-1382 π
1994 P600-G (Deep Cycle batt. req.)	625	31	175-4360	—
1962 All "P" Series	530	27F	8C-3602	9X-1382
1964-63 All "P" Series	390	29NF	3T-5858 π	9X-1382 π
<b>Trucks-Diesel</b>				
<b>Aeromax, Louisville</b>				
1998-96 8500: w/ FD-1460 ENG	600	31(3)	175-4360	175-4370
1998-96	625	31(3)	175-4360	175-4370
1998-96	900	31(3)	175-4390	—
1998-96 w/ other engs.	625	31(2)	175-4370	175-4360
1998-96	625	31(2)	175-4370	175-4360
1998-96 9500: w/ M11, Cat. 3176, or Cat. 3306 engs.	625	31(2)	175-4370	175-4360
1998-96	900	31(2)	175-4390	—
1998-96 N14, Cat. 3406, DDC Series 60	625	31(3,4)	175-4360	175-4370
1998-96	900	31(3)	175-4390	—
<b>B Series:</b>				
1997-94 B-600, -700 (Special Grp. 24 batt. w/ center mounted terminals req.)	600	24(2)	153-5656	3T-5857
<b>C, CT Series:</b>				
1968-65 All	500	27F	8C-3602	143-4084
1971-68 C-6000, -7000	545	30H(2)	3T-5760	115-2422
Optional	900	8D	153-5720	101-4000
1977-75 C-6000, -7000	655	31(1,2)	175-4370	175-4390
Optional	1135	8D(1,2)	153-5720	101-4000
1978-72 C-7000, -8000	900	8D(1,2)	153-5720	101-4000
Optional	700	4D(2)	153-5700	9X9720
1979-78 C-7000, CT-8000	655	31(1,2)	175-4370	175-4390
Optional	855	4D(1,2)	153-5700	9X9720
1982-80 C-7000, -8000	525	64(2,3)	8C-3611	—
1986-83 C-7000 w/ Cat. 3208, 3406 eng.	655	31(2,3)	175-4370	175-4360
1988-87 All w/ 8.2L eng.	525	64(2,3)	8C-3611	—
1990-87 All w/ Cat. 3208 eng.	655	31(2,3)	175-4370	175-4360
<b>CF, CFT, Cargo Series:</b>				
1997-94 All (Special Grp. 24 batt. w/ center mounted terminals required)	600	24(2,3)	153-5656≠	127-0824
1995-94 Optional	625	31(2,3)	175-4370	175-4360
1997-94 Optional (Deep Cycle batt.)	625	31(2,3)	175-4370	175-4360
1997-94 Optional	900	31(2)	175-4390	—
1993-87 All	525	64(2,3)	8C-3611	—
<b>CL, CLT Series:</b>				
CL9000, CLT9000: All	625	31(2,3,4)	175-4360	175-4370
<b>F, FT Series:</b>				
1968-65 All	500	27F	8C-3602	143-4084
1973-68 F-6000, -7000	545	30H(2)	3T-5760	115-2422
Optional	900	8D(2)	153-5720	101-4000
1977-75 F-7000	655	31(1,4)	175-4360	175-4370
Optional	1135	8D(1,2)	153-5720	101-4000
1979-78 F-7000, -8000	655	31(1,4)	175-4360	175-43790
Optional	855	4D(1,4)	153-5700	9X9720
1982-80 F-6000, -7000, -8000	525	64	8C-3611	—
1987-83 All w/ Cat. 3208, 3406 eng.	655	31(2,3)	175-4370	175-4360
1993-87 All w/ Ford eng.	525	64(2,3)	8C-3611	—

MAKE EQUIPMENT TYPE YEAR/MODEL	CCA @ 0°F	O.E. BCI NO.	REPLACEMENT	
			OPTION 1	OPTION 2
<b>Trucks-Gasoline (continued)</b>				
<b>F, FT Series (continued)</b>				
1997-94 All w/ Ford eng. (Special Grp. 24 batt. w/ center mounted terminals req.)	600	24(2,3)	153-5656	3T-5857
Optional	625	31(2,3)	175-4370	175-4360
Optional (Deep Cycle batt.)	625	31(2,3)	175-4360	—
Optional	900	31(2)	175-4390	—
<b>L, LA, LL, LLA, LLS, LN, LS, LT, LTA, LTS, LNT, LTL, LTSL Series:</b>				
<b>7000, 8000 Series:</b>				
1998-94 All w/ Ford eng. (Special Grp 24 battery w/ center mounted terminal required)	600	24(2,3)	153-5656 ≠	127-0824
Optional	625	31(2,3)	175-4370	—
Optional (Deep Cycle batt.)	625	31(2,3)	175-4360	—
Optional	900	31(2)	175-4390	—
1993-87 All w/ Ford eng.	525	64(2,3)	8C-3611	—
1990-89 Cat. 3208 eng.	625	31(2,3)	175-4370	175-4360
<b>9000 Series:</b>				
1998-90 Cat. 3176 eng	625	31(2)	175-4370	175-4390
1998-90 Optional	625	31(3,4)	175-4360	175-4370
1998-94 Optional	625	31(2,3)	175-4370	175-4360
1998-94 Optional	900	31(2)	175-4390	—
1993-90 Optional	950	31(3,4)	175-4390	—
1998-89 Cat. 3306 eng	625	31(2,3,4)	175-4360	175-4370
1998-94 Optional	900	31(2,3)	175-4390	—
1993-89 Optional	550	31(3,4)	175-4360	175-4370
1998-94 Cat. 3406 eng	625	31(3,4)	175-4360	175-4370
1993-89	550	31(3,4)	175-4360	175-4370
1988-87	655	31(2,3,4)	175-4370	175-4360
1998-94 Optional	900	31(2,3)	175-4390	—
1993-89	625	31(3,4)	175-4360	175-4370
1998-94 Cummins N-14 eng	625	31(3)	175-4360	175-4370
1993-92	625	31(2)	175-4370	175-4390
1998-94 Optional	625	31(2,3)	175-4370	175-4360
1998-92	625	31(3,4)	175-4360	175-4370
1998-94	900	31(2)	175-4390	—
1998-92	625	31(3,4)	175-4360	175-4370
1993-92	550	31(3,4)	175-4360	175-4370
1991-89 Cummins Formula eng	550	31(3,4)	175-4360	175-4370
1988-87	655	31(2,3,4)	175-4370	175-4360
1991-89 Optional	625	31(3,4)	175-4360	175-4370
1998-89 Cummins L-10 eng	625	31(2,3,4)	175-4370	175-4360
1988-87	655	31(2,3,4)	175-4370	175-4360
1998-94 Optional	625	31(2,3)	175-4370	175-4360
1998-94	900	31(2)	175-4390	—
1993-89	550	31(3,4)	175-4360	175-4370
1998-94 Cummins M-11 eng	625	31(2,3,4)	175-4370	175-4360
1998-94 Optional	625	31(2,3)	175-4370	175-4360
1998-94	900	31(2)	175-4390	—
1991-89 Cummins NTC eng	550	31(3,4)	175-4360	175-4370
1991-89 Optional	625	31(3,4)	175-4360	175-4370
1998-94 DDC Series 60	625	31(3,4)	175-4360	175-4370
Optional	900	31(3)	175-4390	—
1977-75 L, LT, LNT, LTS-8000	655	31(2,4)	175-4370	175-4360
Optional w/Cummins eng.	775	4(4)	8C-3633	8T-9733
Optional w/Cat. eng.	1135	8D	153-5720	101-4000
1977-75 L, LT, LNT, LST-9000	655	31(3,4)	175-4360	175-4370
Optional	775	4(4)	8C-3633	8T-9733
1979-78 LN-7000, -8000	655	31(2,3,4)	175-4370	175-4360
Optional	855	4D(2,3,4)	153-5700	9X9720
1979-78 L, LT, LTS, LNT-8000	655	31(2,3,4)	175-4370	175-4360
Optional	775	4(2,3,4)	8C-3633	8T-9733
1979-78 L, LT, LTS, LN, LNT-9000	655	31(2,3,4)	175-4370	175-4360
Optional	855	4D(2,3,4)	153-5700	9X9720
1982-80 L-7000, -8000	475	64(3,4)	8C-3611	—

**PROPOSITION 65 WARNING:** Battery posts, terminals and related accessories contain lead and lead compounds, chemicals known to the state of California to cause cancer and reproductive harm. **Wash hands after handling.**

**IMPORTANT NOTE: BATTERIES CAN EXPLODE! Always wear safety glasses AND shield eyes when working around batteries. Always check for proper polarity and sufficient terminal clearance BEFORE final installation to avoid dangerous sparks, potential explosion, possible severe personal injury and/or expensive electrical system and/or vehicle/equipment damage. Always check for proper polarity and sufficient clearances before connecting cables and closing hood or covers.**

MAKE EQUIPMENT TYPE YEAR/MODEL	CCA @ 0°F	O.E. BCI NO.	REPLACEMENT	
			OPTION 1	OPTION 2
<b>Early Models</b>				
<i>Battery sizes varied greatly. The following sizes were used. Check dimensions, hold-downs, polarity and voltages carefully!</i>				
1964-58	290	22F	3T-5859	9X-1384
	350	24F	3T-5858	9X-1382
	435	27F	8C-3602	143-4084
	390	29NF	3T-5858 π	9X-1382 π
	330	32N	—	—
<b>FREIGHTLINER CORPORATION</b>				
<i>Battery requirements vary greatly with individual trucks.</i>				
<b>Trucks (w/ Cummins Engines)</b>				
2000-80 C112, C120	750	31(3)	175-4370	175-4390
2000-80 FLA, FLB, FLD, FLS	750	31(3)	175-4370	175-4390
2000-80 FL50, FL60, FL70, FL80, FL106, FL112	750	31(2,3)	175-4370	175-4390
<b>FWD</b>				
<i>The size battery used was based upon the type of engine.</i>				
<b>Trucks</b>				
1955-52 w/ Buda DC-844 engine	935	8D	153-5720	101-4000
1954-52 w/ Cummins engine	935	8D	153-5720	101-4000
1962-55 w/ Cummins engine	800	4D(2)	153-5700	9X9720
1967-63 w/ Cummins "C" engine	935	8D	153-5720	101-4000
1967-63 w/ Cummins "J" engine	800	4D	153-5700	9X9720
1965-52 All GM engines ex. below	800	4D(1,2)	153-5700	9X9720
3-71, 6-71 (1953-52)	935	8D	153-5720	101-4000
4-71 (1953-52)	850	5D	8C-3633	8T-9733 Y
6V-71 (1965)	935	8D	153-5720	101-4000
1966 All GM engines	935	8D(1,2)	153-5720	101-4000
1955-52 w/ Hercules 6BC-QXLD engine	550	2E	8C-3632 Δ	—
1957-55 All IHC engines ex. below	800	4(2)	8C-3633	8T-9733
1967-56 w/ IHC BD-220 thru BG-265 eng.	525	27	153-5656	8C-3601
1967-58 w/ all other IHC engines	525	30H	3T-5760	115-2422
1957-55 w/ Waukesha 135GKB, -GZB eng.	800	4(2)	8C-3633	8T-9733
1953-52 w/ Wauk. 140GK, -GKB, -GZ, 145GK eng.	800	4	8C-3633	8T-9733
1959-54 w/ Wauk. 140GK, -GKB, -GZ, 145GK eng.	800	4D(2)	153-5700	9X9720
1962-60 w/ Wauk. 140GK, -GKB, -GZ, 145GK eng.	800	4(2)	8C-3633	8T-9733
1965-63 w/ Wauk. 140GK, -GKB, -GZ, 145GK eng.	800	4D(2)	153-5700	9X9720
1954-52 w/ Waukesha 195GKA engine	800	4	8C-3633	8T-9733
1966-65 w/ Wauk. 817G, F817F, 554G engines	800	4D(2)	153-5700	9X9720
<b>GILLIG CORP.</b>				
<b>Coaches</b>				
1984-80 30T, 35TA, 40T, 40TA, 555VT	475	31(4)	175-4360	175-4370
1995-84 30TB, 35TB, 40TB	475	31(4)	175-4360	175-4370
1967-60 C-180, 318D, 490A	850	6D(2)	153-5700	9X9720
1964-51 190, 332, 490A, 501, 534, 590	550	2(2)	153-5690	8C-3629
1978-68 C-190, 210, 318D, 426D, 426V	830	8D(1,2)	153-5720	101-4000
1963-50 317, 450, 501, 504, 590	550	2L(2)	153-5690 =	8C-3629
1974-68 501, 534, 590	630	4(2)	8C-3633	8T-9733
1979-68 586, 636D, 743D, 855D	830	8D(2)	153-5720	101-4000
1967-58 672D, 743D, JNS	850	6D(2)	153-5700	9X9720
1982-79 426D, 636D, 855D	475	31(4)	175-4360	175-4370
2000-95 Lowfloor 35/40, Midi 29	1300	8D(2)	153-5720	101-4000
1992-89 Spirit	475	31(4)	175-4370	175-4390

MAKE EQUIPMENT TYPE YEAR/MODEL	CCA @ 0°F	O.E. BCI NO.	REPLACEMENT	
			OPTION 1	OPTION 2
<b>GMC DIVISION</b>				
<b>VOLVO GM HEAVY TRUCK CORP.</b>				
<b>Trucks</b>				
1970-64 PS-2500, -3500, -4500	350	24	153-5656	3T-5857
1970-64 LA-4000, EM-, ES-, LV-4000	350	24	153-5656	3T-5857
1970-64 DLV-4000	635	4D	153-5700	9X9720
1977 PS-4500	475	31	175-4370	—
1978-75 CE-5000, CS-5000	275	71	156-5660 Ω	7X-6100
1972 SE-, SS-5500	465	74	153-5660	—
1972-64 TE-5500, ES-5500	350	24	153-5656	3T-5857
1972-70 CG-, OG-, SG-, TG-5500	635	4D	153-5700	9X9720
1974-73 CM-, SM-, SS-, TE-, TM-6000	465	74	153-5660	—
1970-64 ES-6500	350	24	153-5656	3T-5857
1974-70 CM-, CE-, ME-, TE-, TM-6500	350	74	153-5660	—
1974-70 CE-, CS-5000, -5500	350	74	153-5660	—
1970-64 EG-, HG-, SG-5500	635	4D	153-5700	9X9720
1970 TM-, SM-5500	350	24	153-5656	3T-5857
1976-75 CE-5500, CS-5500, TE-6000, SE-6000	275	71	156-5660 Ω	7X-6100
1979-76 CD-6000	475	31	175-4370	175-4390
1974-73 TM-6500	350	27	153-5656	8C-3601
1976-75 CE-, ME-, TE-6500	275	71	156-5660 Ω	7X-6100
1979-76 HV-, HY-, JV-, JY-7000, -7500	475	31	175-4370	175-4390
1977 HE-7500, JE-7500	340	74	153-5660	—
1973-66 HJ-, TJ-, JJ-, HV-, TV-, JV-, WV-7500, -8500	880	8D(1,2)	153-5720	101-4000
1970-64 JG-, RG-, TG-7500	635	4D	153-5700	9X9720
1972 EM-, JM-, RM-, TM-, WM-7500	350	27	153-5656	8C-3601
1970-64 TM-7500	350	24	153-5656	3T-5857
1974-73 TM-, RM-, HM-, JM-, WM-7500	350	27	153-5656	8C-3601
1976 HE-8000, JE-8000	275	71	156-5660 Ω	7X-6100
1972 HE-, TE-, JE-9000	560	2(2)	153-5690	8C-3629
1973-66 HJ-, TJ-, FJ-, JJ-, WJ-, DJ-, MJ-, HI-, TW-, FW-, FI-, JL-, WW-, DW-, DI-, MI-9500A	880	8D(2)	153-5720	101-4000
1970-69 HN-, JN-, FN-, DN-9500	880	8D(2)	153-5720	101-4000
1970 FC-, DC-, FH-, DH-9500	860	7D(4)	8C-3635	8T-9731
1972 HE-, JE-, TE-9500	560	2(2)	153-5690	8C-3629
1970-64 CE-, DE-, FE-, HE-, JE-, ME-, TE-, WE-9500	560	2(2)	153-5690	8C-3629
1972 RN-9500, JN-9500	690	4(4)	8C-3633	8T-9733
1972 HC-, HH-, JB-, JC-, JH-, MB-, MC-9500	860	7D(4)	8C-3635	8T-9731
1973-70 MH-, FI-, DI-, HI-, JI-9500	880	8D(1,2)	153-5720	101-4000
1973 DN-, FN-, HN-, JN-9500	690	4(4)	8C-3633	8T-9733
1973 DC-, DH-, DP-, FC-, FH-, HC-, HH-9500	860	7D(4)	8C-3635	8T-9731
1973-68 JC-, JH-, JB-, MB-, MC-, MI-9500	860	7D(4)	8C-3635	8T-9731
1973 DI-, FI-, MH-, WW-9500	880	8D(1,2)	153-5720	101-4000
1970-66 MH-9501A	690	4(4)	8C-3633	8T-9733
1972-69 DC-, DH-, DP-, FB-, FC-, FH-9502	860	7D(4)	8C-3635	8T-9731
1969 DN-9502, FN-9502	690	4(4)	8C-3633	8T-9733
1972 DI-, FI-9502	880	8D	153-5720	101-4000
1972 FN-9502	690	4(4)	8C-3633	8T-9733
1976 JI-, JJ-, MC-, MH-9000	475	31	175-4370	175-4390
1979-77 DB-, DC-, DH-, DI-, DJ-, DK-, DL-, DP-, DR-, FC-, FH-, FI-, FJ-, HC-, HH-, HI-, JC-, JH-, JL-, JJ-, MC-, MH-9500	475	31	175-4370	175-4390
1979-77 MC-, MH-, MK-, NC-, NH-, NI-, NJ-9502	475	31	175-4370	175-4390
<b>5000-9500: Gasoline</b>				
1986-80 C5D, C6D, C7D, P6T	390	71	156-5660 Ω	7X-6100
Optional	540	78	153-5660 =	12T-0826 =
Optional	525	74	153-5660	—
Optional	625	31	175-4370	175-4390

**PROPOSITION 65 WARNING:** Battery posts, terminals and related accessories contain lead and lead compounds, chemicals known to the state of California to cause cancer and reproductive harm. **Wash hands after handling.**

BATTERY SAFETY  
CATERPILLAR EQUIP.  
INDUSTRIAL EQUIPMENT  
FARM EQUIPMENT  
TRUCKS & BUSES  
AUTO & LTV  
L & G / SMALL ENGINE  
REFERENCE



# TRUCKS & BUSES

## GMC DIVISION — GRUMMAN FLEXIBLE CORP.

**IMPORTANT NOTE: BATTERIES CAN EXPLODE!** Always wear safety glasses AND shield eyes when working around batteries. Always check for proper polarity and sufficient terminal clearance BEFORE final installation to avoid dangerous sparks, potential explosion, possible severe personal injury and/or expensive electrical system and/or vehicle/equipment damage. Always check for proper polarity and sufficient clearances before connecting cables and closing hood or covers.

MAKE EQUIPMENT TYPE YEAR/MODEL	CCA @ 0°F	O.E. BCI NO.	REPLACEMENT	
			OPTION 1	OPTION 2
<b>Trucks (continued)</b>				
<b>5000-9500: Gasoline (continued)</b>				
1986-80 JBC	460	73	156-5660 Ω	7X-6100
Optional	540	74	153-5660	—
Optional	625	31	175-4370	175-4390
1986-80 P4T, P6T	625	31	175-4370	175-4390
1986-80 Diesel: C6D, C7D	540	74(2)	153-5660	3T-5890
Optional	625	31(2,3)	175-4370	175-4360
1986-80 J8C, -9C, N9E, -9F, D9K, -9L, W4S, -7R	625	31(2,3,4)	175-4360	175-4370
<b>F7 Cab Forward:</b>				
2000-98 7.4L	600	78	153-5660 ≈	127-0826 ≈
	770	78	153-5660 ≈¥	127-0826 ≈
Optional & Diesel	625	31	175-4370	175-4390
Optional Diesel	750	31	175-4370	175-4390
<b>P-Series Step Vans and Cutaways:</b>				
2000-97 V6 4.3L	600	78	153-5660 ≈	127-0826 ≈
Optional	690	78	153-5660 ≈	127-0826 ≈
2000-97 V8 5.7L	600	78	153-5660 ≈	127-0826 ≈
Optional	690	78	153-5660 ≈	127-0826 ≈
2000-93 V8 6.5L Diesel	600	78(2)	153-5660 ≈	127-0826 ≈
2000-97 V8 7.4L	600	78	153-5660 ≈	127-0826 ≈
1996-89 V6 4.3L	525	75	7X-6100	153-5660 ≈
2000-99 V8 Diesel Cat3116T	600	78(2)	153-5660 ≈	127-0826 ≈
1996-94 Optional	600	78	153-5660 ≈	127-0826 ≈
1993-89 Optional	630	78	153-5660 ≈	127-0826 ≈
2000-97 Cat3116T	600	78	153-5660 ≈	127-0826 ≈
1996-89 6-cyl. 4.8L; V8 5.7L ex. LPG	430	75	7X-6100	153-5660 ≈
1996-94 All optional LPG	600	78	153-5660 ≈	127-0826 ≈
1993-89 LPG & Optional	630	78	153-5660 ≈	127-0826 ≈
1995-89 V8 6.2L Diesel, V8 7.4L	540	78(1,2)	153-5660 ≈	127-0826 ≈
1993-89 V8 7.4L	630	78	153-5660 ≈	127-0826 ≈
1996-87 All other engines	550	31	175-4370	175-4390
1996-93 Optional	750	31	175-4370	175-4390
1988-87	625	31	175-4370	175-4390
<b>P-Series Motor Homes:</b>				
1996-89 V8 5.7L	525	75	7X-6100	—
2000-94	600	78	153-5660 ≈	127-0826 ≈
1993-89	630	78	153-5660 ≈	127-0826 ≈
2000-87	550	31	175-4370	175-4390
2000-93	750	31	175-4370	175-4390
2000-97 V8 7.4L	600	78	153-5660 ≈	127-0826 ≈
1988-87 BP042	515	78	153-5660 ≈	127-0826 ≈
Optional	550	31(1,2)	175-4370	175-4390
1988-87 C5, C6, C7D042/64	515	78	153-5660 ≈	127-0826 ≈
Optional	430	71	156-5660 Ω	7X-6100
Optional	540	78(2)	153-5660 ≈	127-0826 ≈
Optional	625	31(2,3)	175-4370	175-4360
1988-87 J8, J9, D9, N9	625	31(2,3,4)	175-4360	175-4370
1988-87 P6T042	540	78(1,2)	153-5660 ≈	127-0826 ≈
Optional	625	31(2)	175-4370	175-4360
<b>S-Series:</b>				
2000-93 Postal Truck	600	78	153-5660 ≈	127-0826 ≈
Optional	690	78	153-5660 ≈	127-0826 ≈
2000-95 Utility Vehicle	525	75	7X-6100	—
Optional	690	75	7X-6100	—

MAKE EQUIPMENT TYPE YEAR/MODEL	CCA @ 0°F	O.E. BCI NO.	REPLACEMENT	
			OPTION 1	OPTION 2
<b>Trucks (continued)</b>				
<b>Topkick, C5H, C6H, C7H:</b>				
1997-91 6.0L, 7.0L	625	31	175-4370	175-4390
1997-91	600	78	153-5660 ≈	127-0826 ≈
1997-95	770	78	153-5660 ≈¥	127-0826 ≈
1994-91	750	78	153-5660 ≈	127-0826 ≈
2000-98 7.4L	600	78	153-5660 ≈	127-0826 ≈
2000-98	770	78	153-5660 ≈¥	127-0826 ≈
2000-98	625	31	175-4370	175-4390
2000-96 Cat. 3116T	625	31	175-4370	175-4390
2000-91	750	31	175-4370	175-4390
2000-95	900	31	175-4390	—
<b>Buses</b>				
1979-76 SA-, SAI-, SV-, P8M-4108A, -4905, TH-8201	475	31	175-4370	—
1970-64 TGH-3301, -3501, TDH-3301, -3501	880	8D	153-5720	101-4000
1970 S6H/S6M-4503, T6H-4520, -4521, S8H/S8M-4503, T8H-4520, -4521, -5306, PD-4108, PD-4905	880	8D(2)	153-5720	101-4000
1970-64 SS-, SM-5500, SM-6500, RM-7500	350	27	153-5656	8C-3601
1970-64 TM-8500, WM-8500, HM-8500, JM-8500	350	27	153-5656	8C-3601
1983-80 5000-9500: RTS Diesel	580	31(4)	175-4370	175-4390
<b>School Buses</b>				
1976-75 All	450	74	153-5660	—
1998-96 BS, B7: Gas	625	31	175-4370	175-4390
	600	78	153-5660 ≈	127-0826 ≈
	770	78	153-5660 ≈¥	127-0826 ≈
2000-98 Cat3116T	625	31	175-4370	175-4390
2000-96 BS: Diesel, Cat3116T	750	31	175-4370	175-4390
1995-92 BS	625	31	175-4370	175-4390
Optional	600	78	153-5660 ≈	127-0826 ≈
2000-98 Diesel, GM 6.5L	600	78	153-5660 ≈	127-0826 ≈
2000-99 Diesel, Isuzu 6HE1	625	31	175-4370	175-4390
2000-99	750	31	175-4370	175-4390
1991-89 P-Series	550	31	175-4370	175-4390
Optional	720	31	175-4370	175-4390
1978-77 SE-6000	450	74	153-5660	—
Optional	475	31	175-4370	175-4390
1986-80 5000 to 9500: B6P Gas	540	78	153-5660 ≈	127-0826 ≈
Optional	525	74(2)	153-5660	—
Optional	625	31(1,2)	175-4370	175-4360
1988-80 Diesel	525	74(2)	153-5660	—
Optional	625	31(2)	175-4370	175-4360
Optional	800	4D	153-5700	9X9720
Optional	880	8D	153-5720	101-4000
<b>GRUMMAN FLEXIBLE CORP.</b>				
<b>Formerly "FLEXIBLE CO."</b>				
<b>Buses</b>				
1968-52 All '200' & '300' Series	935	8D(1,2)	153-5720	101-4000
1975-66 222DD-D21, 323ED-D1	935	8D(1,2)	153-5720	101-4000
1975-64 FD6V-401-7, FDV8C-401-7	935	8D(2)	153-5720	101-4000
1975-66 FD6V-401-1	430	4B(2)	153-5700	153-5720
1974-61 F2D6V-401-1, F2DD-351, -401	935	8D(2)	153-5720	101-4000
1975-70 111C-C1, 111CC-C31, 111CC-D61	935	8D(2)	153-5720	101-4000
1975-66 111CC-D4, 111CC-D41, 111CC-DH	430	4B(1,2)	153-5700	153-5720
1975-65 411DD-D3, 112CC-D41, 111DD-D051	935	8D(2)	153-5720	101-4000
1975-70 111CC-D5, -CC-D51, -CD-D051, -D061	430	4B(2)	153-5700	153-5720
1975-68 111DD-D5, 22-59-30, 22-59-33	430	4B(2)	101-5700	153-5720
1975-72 22-59-31, -32, -34, -35, -36	935	8D(2)	153-5720	101-4000
1975-73 22-59-37, -38, -39, -40	430	4B(2)	153-5700	153-5720

**PROPOSITION 65 WARNING:** Battery posts, terminals and related accessories contain lead and lead compounds, chemicals known to the state of California to cause cancer and reproductive harm. **Wash hands after handling.**

**GRUMMAN FLEXIBLE CORP. — INTERNATIONAL HARVESTER**

**IMPORTANT NOTE: BATTERIES CAN EXPLODE! Always wear safety glasses AND shield eyes when working around batteries. Always check for proper polarity and sufficient terminal clearance BEFORE final installation to avoid dangerous sparks, potential explosion, possible severe personal injury and/or expensive electrical system and/or vehicle/equipment damage. Always check for proper polarity and sufficient clearances before connecting cables and closing hood or covers.**

MAKE EQUIPMENT TYPE YEAR/MODEL	CCA @ 0°F	O.E. BCI NO.	REPLACEMENT	
			OPTION 1	OPTION 2
<b>Buses (continued)</b>				
1975-73 22-59-41, -42, -43, -44	935	8D(2)	153-5720	101-4000
1978-74 45096-6-1, 53102-6-1	430	4B(2)	153-5700	153-5720
1978-74 45096-8-1, 53102-8-1,	935	8D(2)	153-5720	101-4000
1978-75 35096-6-1, 45102-6-1, 53096-6-1	430	4B(2)	153-5700	153-5720
1978-75 45102-8-1, 53096-8-1	935	8D(2)	153-5720	101-4000
1982-78 870	475	31(4)	175-4370	175-4390
<b>Early Models</b>				
1963-52 All except "FT" models	935	8D	153-5720	101-4000
"FT" models	900	4B	153-5700	153-5720
<b>GULF &amp; WESTERN</b>				
<b>See "OTTAWA"</b>				
<b>HINO DIESEL TRUCKS U.S.A.</b>				
<i>Best fit estimate. See note in front of book.</i>				
<b>Trucks</b>				
2000-84 All models	625	31(2)SAE	3T-5760	115-2422
<b>INTERNATIONAL (NAVISTAR)</b>				
<b>S Series:</b>				
S1900	760	31	175-4370	175-4390
<b>INTERNATIONAL HARVESTER</b>				
<b>Trucks</b>				
1976-68 100 thru 200, 1010 thru 1310	525	27	153-5656	8C-3601
1973-62 210 thru 230: Gas, Diesel	700	4	8C-3633	8T-9733
Optional: Gas	900	8D	153-5720	101-4000
Optional: Diesel	900	7D	8C-3635	8T-9731
1968-65 AB-1200, AB-1400	370	24	153-5656	3T-5857
1970-63 A-, B-, C-, D-900 thru -1500	370	24	153-5656	3T-5857
1968-66 C-900	370	24	153-5656	3T-5857
Optional	525	27	153-5656	8C-3601
1970-64 CO-, COF-, COT-, 4000, -4000D	700	4(4)	8C-3633	8T-9733
Optional	900	7D(2)	8C-3635	8T-9731
Optional	830	5D(4)	8C-3633	8T-9733
1972-62 CO-190C, -200, -220; COF-190, -200	435	27H	153-5656	8C-3601
1969-62 DCO-220 Diesel	700	4	8C-3633	8T-9733
Optional	830	5D	8C-3633	8T-9733
Optional	900	7D	8C-3635	8T-9731
Optional	900	8D	153-5720	101-4000
<b>Cargostar:</b>				
1977-75 CO-1610B, -1710B, -1910B, -1905B, COF-1810B, -1910B, 1950B	410	24	153-5656	3T-5857
Optional	440	4(2)	8C-3633	8T-9733
Optional	520	30H	3T-5760	115-2422
Optional	625	31(2)	175-4370	175-4390
1974-63 CO-1610A, -1710A, -1810A: Gas	370	27	153-5656	8C-3601
1974-69 CO-1910A: Gas	370	27	153-5656	8C-3601
1974-68 CO-1750A: Diesel	830	5D	8C-3633	8T-9733
1974-68 CO-1850A: Diesel	900	7D	8C-3635	8T-9731
1974-66 CO-1950A: Diesel	700	4	8C-3633	8T-9733

MAKE EQUIPMENT TYPE YEAR/MODEL	CCA @ 0°F	O.E. BCI NO.	REPLACEMENT	
			OPTION 1	OPTION 2
<b>Trucks (continued)</b>				
<b>Fleetstar:</b>				
1974-62 1910A, 2000D: Gas	435	27	153-5656	8C-3601
Optional	700	4	8C-3633	8T-9733
1974-62 2000D, 2050D: Diesel	700	4	8C-3633	8T-9733
Optional	900	7D	8C-3635	8T-9731
1974-67 2010A, 2011A: Gas	435	27	153-5656	8C-3601
Optional	700	4	8C-3633	8T-9733
Optional	830	5D	8C-3633	8T-9733
Optional	900	7D	8C-3635	8T-9731
1977-75 2010A, F-2010A, 2050A, F-2050A, 2070A, F-2070A	440	24	153-5656	3T-5857
Optional	730	4(2,3)	8C-3633	8T-9733
<b>Loadstar:</b>				
1974-62 1600, 1700: Gas	370	24	153-5656	3T-5857
1974-62 1600, 1700, 1750, 1850, 1950: Diesel	700	4	8C-3633	8T-9733
Optional	830	5D	8C-3633	8T-9733
Optional	900	7D	8C-3635	8T-9731
1977-75 1600, 1600 4 x 4, 1640, 1700, 1700 4 x 4, 1750, 1800, 1850, F-1800, F-1850	340	24	153-5656	3T-5857
Optional	410	24	153-5656	3T-5857
Optional	730	4(2)	8C-3633	8T-9733
Optional	990	4(2)	8C-3633	—
1974-64 1800D: Diesel	700	4	8C-3633	8T-9733
Optional	900	7D	8C-3635	8T-9731
1974-62 CO-1700, -1800: Gas	370	24	153-5656	3T-5857
Optional	370	27	153-5656	8C-3601
<b>Metro:</b>				
1974-63 M-1210 thru M-1510: Gas	700	4	8C-3633	8T-9733
<b>Mixers:</b>				
1974-65 M-412CBE: Gas	435	27	153-5656	8C-3601
Optional	520	30H	3T-5760	115-2422
Optional	700	4	8C-3633	8T-9733
1974-65 Diesel	700	4	8C-3633	8T-9733
Optional	900	7D	8C-3635	8T-9731
1974-62 M-623CBE: Gas	435	27	153-5656	8C-3601
Optional	700	4	8C-3633	8T-9733
1974-62 Diesel	700	4	8C-3633	8T-9733
Optional	830	5D	8C-3633	8T-9733
Optional	900	7D	8C-3635	8T-9731
Optional	900	8D	153-5720	101-4000
1974-72 M-6123CBE: Gas	435	27	153-5656	8C-3601
1968-65 M-8234CBE	435	27	153-5656	8C-3601
Optional	700	4	8C-3633	8T-9733
Optional	900	7D	8C-3635	8T-9731
1974-70 M-4270, -4370	700	4	8C-3633	8T-9733
Optional	830	5D	8C-3633	8T-9733
Optional	900	7D	8C-3635	8T-9731
<b>Paystar:</b>				
1979-75 5050 4 x 4, 5070 4 x 4, F-5050 6 x 4, F-5070 6 x 4, F-5050 6 x 6, F-5070 6 x 6, F-5050SF 6 x 4, F-5070SF 6 x 4	700	4(2,4)	8C-3633	8T-9733
Optional	975	4(2)	8C-3633	—
Optional	625	31(2,3)	175-4370	175-4360
1976 F-5010 6 x 4	455	31(3)	175-4370	175-4360
1983-81 5050, F-5050, 5070, F-5070, COF-5370	455	31(1,2,3,4)	175-4370	175-4360
1981-77 COF-5370 6 x 4	455	31(3)	175-4360	175-4370

**PROPOSITION 65 WARNING:** Battery posts, terminals and related accessories contain lead and lead compounds, chemicals known to the state of California to cause cancer and reproductive harm. **Wash hands after handling.**

Refer to page 80 for explanation of Trucks & Buses replacement footnotes.

BATTERY SAFETY  
CATERPILLAR EQUIP.  
INDUSTRIAL EQUIPMENT  
FARM EQUIPMENT  
TRUCKS & BUSES  
AUTO & LTV  
L & G / SMALL ENGINE  
REFERENCE





# TRUCKS & BUSES

## INTERNATIONAL HARVESTER — KENWORTH TRUCK CO.

**IMPORTANT NOTE: BATTERIES CAN EXPLODE!** Always wear safety glasses AND shield eyes when working around batteries.

Always check for proper polarity and sufficient terminal clearance BEFORE final installation to avoid dangerous sparks, potential explosion, possible severe personal injury and/or expensive electrical system and/or vehicle/equipment damage. Always check for proper polarity and sufficient clearances before connecting cables and closing hood or covers.

MAKE EQUIPMENT TYPE YEAR/MODEL	CCA @ 0°F	O.E. BCI NO.	REPLACEMENT	
			OPTION 1	OPTION 2
<b>Trucks (continued)</b>				
<b>S-Series:</b>				
1980-78 1600, 1700, 1800, 2100, 2200, 2600	340	24	153-5656	3T-5857
Optional	410	24	153-5656	3T-5857
Optional	625	31(1,2,3)	175-4370	175-4360
1983-81 2250, 2250-F, 2550, 2550-F, 2650, 2650-F, 2270, 2270-F, 2570, 2570-F, 2670, 2670-F	500	31(2)	175-4370	175-4360
Optional	625	31(1,3)	175-4370	175-4360
1983-81 1600, 1800, 1900, 2100	340	24	153-5656	3T-5857
Optional	435	27	153-5656	8C-3601
Optional	625	31(1,3)	175-4370	175-4360
<b>School Buses</b>				
1976-62 Schoolmaster 1603, 1703, 1803	370	24	153-5656	3T-5857
Optional	520	30H	3T-5760	115-2422
Optional	700	4D	153-5700	9X9720
Optional	880	8D	153-5720	101-4000
Optional	650	2	153-5690	8C-3629
Optional	830	5D	8C-3633	8T-97
Optional	900	7D	8C-3635	8T-9731
Optional	730	4(2)	8C-3633	8T-9733
1974-62 1603, 1703, 1803: Diesel	700	4	8C-3633	8T-9733
Optional	830	5D	8C-3633	8T-9733
1977 1610-FC, 1853	410	24	153-5656	3T-5857
1982-78 1700-1800 S-Series	340	24	153-5656	3T-5857
Optional	435	24	153-5656	3T-5857
Optional	625	31(1,2,3)	175-4370	175-4360
Optional	700	4D	153-5700	9X9720
Optional	880	8D	153-5720	101-4000
1974-62 1853FC Diesel	370	27	153-5656	8C-3601
Optional	900	7D	8C-3635	8T-9731
Optional	830	5D	8C-3633	8T-9733
Optional	900	8D	153-5720	101-4000
1974-62 183RE, 193RE: Rear Engine Gas	370	27	153-5656	8C-3601
Optional	700	4D	153-5700	9X9720
Optional	900	8D	153-5720	101-4000
1976-75 Schoolmaster 1603, 1703, 1803	370	24	153-5656	3T-5857
Optional	520	30H	3T-5760	115-2422
Optional	700	4D	153-5700	9X9720
Optional	880	8D	153-5720	101-4000
Optional	730	4(2)	8C-3633	8T-9733
<b>Scout Series:</b>				
1970-61 80, 80 4 x 4, 800, 800A, 800B	370	24	153-5656	3T-5857
1973-64 1010 thru 1510	400	27	153-5656	8C-3601
1978-76 100 thru 500; Scout, Terra, Traveler	370	24	153-5656	3T-5857
1980-79 Optional	500	74	153-5660	—
1980-77 Diesel	625	31	175-4370	175-4390
<b>S-Series Tractors:</b>				
1981 2275, F-2275, 2575, F-2575	625	31(2,3)	175-4370	175-4360
<b>Transtar, Transtar II:</b>				
1974-68 CO-4070A, CO-4070B	700	4	8C-3633	8T-9733
Optional	830	5D	8C-3633	8T-9733
Optional	520	30H	3T-5760	115-2422
Optional	900	7D	8C-3635	8T-9731
Optional	900	8D	153-5720	101-4000
1976-75 CO-4070B, COF-4070B, 4270, F-4270, 4370, F-4370	830	4(4)	8C-3633	8T-9733
Optional	990	4(4)	8C-3633	—
1980-77 4270, F-4270 Transtar II, 4370, F-4370 Transtar	625	31(3,4)	175-4360	175-4370
1983-81 CO-4070B, COF-4070B, F-4270, F-4370, 4370, CO-9670, COF-9670	625	31(3,4)	175-4360	175-4370
1976 Conoco 4170, F-4170	830	4(4)	8C-3633	8T-9733

MAKE EQUIPMENT TYPE YEAR/MODEL	CCA @ 0°F	O.E. BCI NO.	REPLACEMENT	
			OPTION 1	OPTION 2
<b>Early Model Trucks &amp; School Buses</b>				
1965-58 AM-80, CM-75, -80, -110	370	24	153-5656	3T-5857
1970-58 All 100 thru 1500 Models: A-, AB-, AM-, AMC-, B-, BB-, BC-, BCF-, C-, CC-, CCF-, D-, ex. those listed below	450	24	153-5656	3T-5857
1961-58 AC-, BC-220D, ACF-, BCF-190D, -200D	700	4(4)	8C-3633	8T-9733
1961-58 ACD-, BCD-163	830	5D(2)	8C-3633	8T-9733
1961-58 ACD-, BCD-173, -183, CO-170, -180	900	7D(2)	8C-3635	8T-9731
1964-58 ACO-190, -200, -220	370	27	153-5656	8C-3601
1964-58 ACOF-190, -200	700	4(2)	8C-3633	8T-9733
1965-58 AM-, B-Models: 120 thru 163 ex. dual 6-volt	450	24	153-5656	3T-5857
Dual 6-volt B-160	550	2	153-5690	8C-3629
1963-62 All B-Models: 12-volt	500	24	153-5656	3T-5857
6-volt ex. Perkins Diesel	700	4(2,4)	8C-3633	8T-9733
Perkins Diesel eng.	900	7D(2)	8C-3635	8T-9731
1965-58 All D Series ex. Det. Diesel	700	4(4)	8C-3633	8T-9733
Detroit Diesel eng.	900	7D(2)	8C-3635	8T-9731
1970-65 All M-, MA-, MC- Models: 700 thru 1700	450	24	153-5656	3T-5857
1970-58 All R-, RF-, RD- Models 12-volt	370	27	153-5656	8C-3601
6-volt	700	4(4)	8C-3633	8T-9733
1969-58 All V- Models	370	27	153-5656	8C-3601
<b>ISUZU MOTORS AMERICA, INC.</b>				
<i>Best fit estimate. See note on page 1.</i>				
<b>Trucks</b>				
1997-93 NPR: Gas	630	24	153-5656	3T-5857
2000-88 EVR, FSR, FTR, FVR, NPR: Diesel, NRR	750	31(2)SAE	3T-5760	115-2422
1998-95 FRR	750	31(2)	175-4370	175-4390
1987 FSR	580	31(2)SAE	3T-5760	115-2422
1985 KS22	420	31(2)SAE	3T-5760	115-2422
1987-85 FSR, KS22, NPR	580	31(2)SAE	3T-5760	115-2422
1991-88 NPR: Diesel	750	31(2)	175-4370	175-4390
<b>IVECO</b>				
<b>Trucks</b>				
1991-89 10-14, 12-11, 12-12, 12-14, 13-14	625	31(2)SAE	3T-5760	115-2422
1991-89 15-14, 18-14, 18-16, 23-16	625	31(2)SAE	3T-5760	115-2422
1988-87 110, 120TA, 220, 220T, 230T, 335T, 340T, 435T, 450T	625	31(2)SAE	3T-5760	115-2422
1985-82 Z-100, -110, -220	375	43(2)	8C-3605	—
1985-83 Z-100, -110, -120TA, Z-220, -220T, -230T	540	30H(2)	3T-5760	115-2422
1986-85 Z-340T, -450T	540	30H(2)	3T-5760	115-2422
<b>KALAMAZOO</b>				
<b>Buses</b>				
1951-48 All models	900	7D	8C-3635	8T-9731
<b>KENWORTH TRUCK CO.</b>				
<b>Trucks</b>				
1976-52 All	625	4(2,4)	8C-3633	8T-9733
Optional	900	8D(2)	153-5720	101-4000
1951-46 All	750	5D(2,4)	8C-3633	8T-9733
<b>Electric start:</b>				
2000-77 Standard 12-volt	650	31(3,4)	175-4360	175-4370
1997-94	700	31(3)	175-4370	175-4390
1997-86	625	31(3)SAE	3T-5760	115-2422
2000-85 Optional 12-volt	925	31(2,3)	175-4390	175-4370 V
2000-85 Optional 12-volt (Grp 31 w/SAE post)	925	31(2,3)SAE	115-2422	115-2421

**PROPOSITION 65 WARNING:** Battery posts, terminals and related accessories contain lead and lead compounds, chemicals known to the state of California to cause cancer and reproductive harm. **Wash hands after handling.**

BATTERY SAFETY  
CATERPILLAR EQUIP.  
INDUSTRIAL EQUIPMENT  
FARM EQUIPMENT  
TRUCKS & BUSES  
AUTO & LTV  
L & G / SMALL ENGINE  
REFERENCE



**KENWORTH TRUCK CO. — NAVISTAR INTERNATIONAL TRANSPORTATION CORP.**

**IMPORTANT NOTE: BATTERIES CAN EXPLODE! Always wear safety glasses AND shield eyes when working around batteries. Always check for proper polarity and sufficient terminal clearance BEFORE final installation to avoid dangerous sparks, potential explosion, possible severe personal injury and/or expensive electrical system and/or vehicle/equipment damage. Always check for proper polarity and sufficient clearances before connecting cables and closing hood or covers.**

MAKE EQUIPMENT TYPE YEAR/MODEL	CCA @ 0°F	O. E. BCI NO.	REPLACEMENT	
			OPTION 1	OPTION 2
<b>Trucks (continued)</b>				
1997-83 Optional 12-volt (Grp 31 w/SAE post)	625	31(4)SAE	3T-5760	115-2422
2000-77 Optional 12-volt	625	31(3,4)	175-4360	175-4370
2000-77 Optional 12-volt	550	31(4)	175-4360	175-4370
1997-94 Optional 12-volt (Grp 31 w/SAE post)	700	31(3,4)	3T-5760	115-2422
1997-94 Optional 12-volt	700	31(4)	175-4370	175-4360
2000-77 Optional 12-volt (Grp 31 w/SAE post)	750	31(3,4)SAE	3T-5760	115-2422
1993-83 Optional 12-volt (Grp 31 w/SAE post)	530	31(4)SAE	3T-5760	115-2422
1993-83 Optional 12-volt	530	31(4)	175-4370	175-4390
1983-77 Standard 6-volt	800	4(2,3,4)	8C-3633	8T-9733
1976	630	4(2,3)	8C-3633	8T-9733
1997-84 Optional 6-volt	940	4(4)	8C-3633	—
1990-77 Optional 6-volt	830	5D(4)	8C-3633	8T-9733
<b>Air start:</b>				
1995-77 Standard 12-volt	625	31(2)	175-4360	175-4370
Optional 12-volt	720	31(2)	175-4370	175-4390
1983-77 Standard 6-volt	800	4(2)	8C-3633	8T-9733
1995-77 Optional 6-volt	625	31(2)	175-4370	175-4390
<b>KW-DART</b>				
<b>Trucks</b>				
1967-52 All except models listed below	900	8D(1,2)	153-5720	101-4000
1962-52 10S, 10SL	700	4D(2)	153-5700	9X9720
1962-52 18SUGS, 60T, 100B, 125UG, 200-456, -457	600	3(1,2)	153-5690	8C-3630
1956-52 200-3010, 200-3020	600	3	153-5690	8C-3630
1967-63 Models D-2541 thru D-6651	450	24	153-5656	3T-5857
<b>MACK</b>				
<i>Battery requirements vary greatly with individual trucks. The following group number batteries are used. Check battery measurements, hold-downs and polarity carefully!</i>				
<b>Trucks</b>				
2000-95 All Models	660	31	175-4370	175-4390
1994-84 All Models	625	31	175-4370	175-4390
Optional	680	4	8C-3633	8T-9733
1983-52 Optional	520	2	153-5690	8C-3629
Optional	680	4	8C-3633	8T-9733
Optional	750	5D	8C-3633	8T-9733
Optional	870	7D	8C-3635	8T-9731
Optional	370	30H	3T-5760	115-2422
Optional	400	24	153-5656	3T-5857
Optional	415	27	153-5656	8C-3601
Optional	350	22F	3T-5859	9X-1384
Optional	400	24F	3T-5858	9X-1382
Optional	415	27F	8C-3602	143-4084
Optional	260	42	8C-3605 π	—
<b>Buses</b>				
1959-58 97D	950	8D(2)	153-5720	101-4000
1959-58 B-34B	600	2	153-5690	8C-3629
1959-58 All C Series	800	4D(2)	153-5700	9X9720
1974 All Models	630	4(4)	8C-3633	8T-9733
<b>Fire Engines</b>				
1980-79 All Models	880	8D	153-5720	101-4000
<b>Midliner Trucks</b>				
2000-95 MS/CS-200, -250, -300	660	31(2)	175-4370	175-4390
1994-91	550	31(2)	175-4370	175-4360
1990-79	475	31(2)	175-4370	175-4360
1980-79 Fire Engines	880	8D	153-5720	101-4000

MAKE EQUIPMENT TYPE YEAR/MODEL	CCA @ 0°F	O. E. BCI NO.	REPLACEMENT	
			OPTION 1	OPTION 2
<b>MARGIRIS</b>				
<b>Trucks</b>				
1987-82 160 A11FL, 200 A13FL, 200 A13FL, 160 A13FL	715	4DLT(2)	153-5700 Δ	8C-3622
<b>MARMON TRUCK CO.</b>				
2000-76 All models	625	31(3)	175-4370	175-4390
<b>MARMON-HERRINGTON</b>				
<b>Trucks</b>				
1964-62 C-704, -754, F-504, -604, -704, -754	320	29NF	3T-5858 π	9X-1382 π
1968-62 C-704, -754; C & F-804, -854, -954, -1004	500	27F	8C-3602	143-4084
1968-62 F-504, -604, -704, -754	400	24F	3T-5858	9X-1382
1968-62 T-806, -856, -956	500	27F	8C-3602	143-4084
1961-53	<i>All early models used a wide variety of battery sizes. Measure battery carefully. Watch POLARITY!</i>			
<b>Buses</b>				
1963-51 4C, 5C, 6C, 8MB	975	4B	153-5700	153-5720
<b>MERCEDES-BENZ TRUCK CO.</b>				
<i>Special 4D, only 9-1/4" high. Cable and hold-down modifications may be necessary.</i>				
<b>Trucks</b>				
1985-75 L-1013, -1113, -1116, -1117, -1316, -1317	800	4D	153-5700	9X9720
1997-86 L-1113, -1117, -1319, LP-1219, -1419	625	31(2)	175-4370	175-4360
1983-75 L-, LS-1418	580	30H	3T-5760	115-2422
1997-85 LPS-1525	625	31(2)	175-4370	175-4360
<b>MITSUBISHI FUSO TRUCK OF AMERICA, INC.</b>				
1998-78 FE, FG	625	27(2)	153-5656	8C-3601
1998-78 FH, FK, FM	510	31(2)	175-4370	175-4360
2000-99 All Models	650	31(2)	175-4370	175-4390
<b>NAVISTAR INTERNATIONAL TRANSPORTATION CORP.</b>				
<b>Buses</b>				
1976 Schoolmaster 1603, 1703, 1803	370	24	153-5656	3T-5857
	520	30H	3T-5760	115-2422
	700	4D	153-5700	9X9720
	880	8D	153-5720	101-4000
	730	4(2)	8C-3633	8T-9733
1977 1610-FC, 1853	440	24	153-5656	3T-5857
1982-78 1700-1800 S-Series	345	24	153-5656	3T-5857
	435	24	153-5656	3T-5857
	455	31(2,3)	175-4370	175-4360
	600	31(1,2,3)	175-4370	175-4360
	700	4D	153-5700	9X9720
	880	8D	153-5720	101-4000
	625	31(1,2,3)	175-4370	175-4360
2000-77 3000FE, 3400, 3600, 3800	550	31(2)	175-4370	175-4360
<b>Trucks</b>				
2000-77 4000 Series		31(2)	175-4370	175-4360
2000-77 8000 Series, 9100, 9200, 9300 Eagle, 9400 Eagle, 9800	650	31(3)	175-4360	175-4370
1976 100 thru 200, 1010 thru 1310	560	27	153-5656	8C-3601

**PROPOSITION 65 WARNING:** Battery posts, terminals and related accessories contain lead and lead compounds, chemicals known to the state of California to cause cancer and reproductive harm. **Wash hands after handling.**

Refer to page 80 for explanation of Trucks & Buses replacement footnotes.

BATTERY SAFETY  
CATERPILLAR EQUIP.  
INDUSTRIAL EQUIPMENT  
FARM EQUIPMENT  
TRUCKS & BUSES  
AUTO & LTV  
L & G / SMALL ENGINE  
REFERENCE

# TRUCKS & BUSES

## NAVISTAR INTERNATIONAL TRANSPORTATION CORP. — OTTAWA TRUCK DIVISION



**IMPORTANT NOTE: BATTERIES CAN EXPLODE!** Always wear safety glasses AND shield eyes when working around batteries. Always check for proper polarity and sufficient terminal clearance BEFORE final installation to avoid dangerous sparks, potential explosion, possible severe personal injury and/or expensive electrical system and/or vehicle/equipment damage. Always check for proper polarity and sufficient clearances before connecting cables and closing hood or covers.

MAKE EQUIPMENT TYPE YEAR/MODEL	CCA @ 0°F	O.E. BCI NO.	REPLACEMENT	
			OPTION 1	OPTION 2
<b>Cargostar</b>				
1977-76 All models	370	24	153-5656	3T-5857
Optional	440	24	153-5656	3T-5857
Optional	730	4(2)	8C-3633	8T-9733
1983-78 All models	345	24	153-5656	3T-5857
Optional	435	24	153-5656	3T-5857
Optional	475	31(2)	175-4370	175-4360
Optional	520	30H	3T-5760	115-2422
Optional	625	31(2)	175-4370	175-4360
<b>Fleetstar</b>				
1977-76 All Models	440	24	153-5656	3T-5857
	730	4(2,3)	8C-3633	8T-9733
	440	4(2)	8C-3633	8T-9733
<b>Loadstar</b>				
1977-76 All	370	24	153-5656	3T-5857
	440	24	153-5656	3T-5857
	730	4(2)	8C-3633	8T-9733
	1000	4(2)	8C-3633	—
<b>Paystar</b>				
1979-76 5050 4x4, 5070 4x4, F-5050 6x4, F-5070 6x4, F-5050 6x6, F-5070 6x6, F-5050SF 6x4, F-5050SF 6x4	700	4(2,4)	8C-3633	8T-9733
	830	4(4)	8C-3633	8T-9733
	975	4(2)	8C-3633	—
1980	225	31(4)	175-4360	175-4370
	455	31(3)	175-4360	175-4370
	600	31(4)	175-4360	175-4370
	625	31(2,3)	175-4370	175-4360
1976 F-5010 6x4	455	31(3)	175-4360	175-4370
1983-81 5050, F-5050, 5070, F-5070, COF-5370	455	31(2-4)	175-4370	175-4360
	600	31	175-4370	175-4390
	625	31	175-4370	175-4390
1981-77 COF-5370 6X4	455	31(3)	175-4360	175-4370
	625	31(3)	175-4360	175-4370
<b>S-Series</b>				
1980-78 1600, 1700, 1800, 2100, 2200, 2600	345	24	153-5656	3T-5857
	435	24	153-5656	3T-5857
	455	31(1,2)	175-4370	175-4360
	600	31(2,3)	175-4370	175-4360
	625	31(1-3)	175-4370	175-4360
1983-81 2250, 2250-F, 2550, 2550-F, 2650, 2650-F, 2270, 2270-F, 2570, 2570-F, 2670, 2670-F	500	31(2)	175-4370	175-4360
	600	31(1,3)	175-4370	175-4360
	625	31(1,3)	175-4370	175-4360
1983-81 1600, 1800, 1900, 2100	345	24	153-5656	3T-5857
	435	27H	153-5656	8C-3601
	500	31(2)	175-4370	175-4360
	600	31(1,3)	175-4370	175-4360
	625	31(1,3)	175-4370	175-4360
<b>Light Trucks</b>				
1978-76 Scout, Terra, Traveler	370	24	153-5656	3T-5857
1980-79	300	72	156-5660 Ω	7X-6100
	390	74	153-5660	—
	500	74	153-5660	—
1980-77 Diesel	625	31	175-4370	175-4390

MAKE EQUIPMENT TYPE YEAR/MODEL	CCA @ 0°F	O.E. BCI NO.	REPLACEMENT	
			OPTION 1	OPTION 2
<b>S-Series Tractors</b>				
1981 2275, F-2275, 2575, F-2575	455	31(2,3)	175-4370	175-4360
	600	31(3)	175-4360	175-4370
	625	31(3)	175-4360	175-4370
<b>Transtar, Transtar II</b>				
1976 CO-4070B, COF-4070B, 4270, F-4270, 4370, F-4370	730	4(4)	8C-3633	8T-9733
	830	4(4)	8C-3633	8T-9733
	1000	4(4)	8C-3633	—
1980-77 4270, F-4270 Transtar II, 4370, F-4370 Transtar	315	31(4)	175-4360	175-4370
	455	31(3)	175-4360	175-4370
	600	31(3)	175-4360	175-4370
	625	31(3)	175-4360	175-4370
1983-81 CO-4070B, COF-4070B, F-4270, F-4370, 4370, CO-9670, COF-9670	455	31(3,4)	175-4360	175-4370
	600	31(3)	175-4360	175-4370
	625	31(3,4)	175-4360	175-4370
1976 Conoco 4170, F-4170	730	4(4)	8C-3633	8T-9733
	830	4(4)	8C-3633	8T-9733
<b>NISSAN DIESEL AMERICA, INC.</b>				
See "U.D. TRUCKS"				
<b>OSHKOSH MOTOR TRUCK, INC.</b>				
<b>Construction, Utility, Heavy Duty Transports</b>				
F-2365	475	27(2)	153-5656	8C-3601
Optional	700	4D(2,3,4)	153-5700	9X9720
F-2538, F-2546	700	4D(2,3,4)	153-5700	9X9720
<b>Rotary Snow Blower</b>				
H-2318	1000	8D(2)	153-5720	101-4000
<b>Heavy Transport</b>				
J-2065, J-2344, J-3080, J-30120	700	4D(3,4)	153-5700	9X9720
J-2065-3	475	27(2)	153-5656	8C-3601
<b>Snow Removal</b>				
P-2523, P-2526, P-2527, P-2530	700	4D(2,3)	153-5700	9X9720
<b>Concrete Carrier &amp; Mixer</b>				
S-2046, S-2546	700	4D(2,3,4)	153-5700	9X9720
<b>Crash/Fire/Rescue</b>				
DA-1500	700	4D(4)	153-5700	9X9720
P-19, T-1500, T-2500, T-3000	1000	8D(2)	153-5720	101-4000
<b>OSTERLUND</b>				
See "DIAMOND REO"				
<b>OTTAWA TRUCK DIVISION</b>				
<b>GULF &amp; WESTERN MFG. CO.</b>				
<b>Truck Tractors</b>				
1980-77 20, 70T	435	27(1,3,4)	153-5656	8C-3601
2000-90 30, 30A, 50, 60T, RO-RO, Ramper, Railer, YT30, YT50, YT-60T	700	31(1,2,3)	175-4370	175-4360
1985-78 Dock Truck, 70T	625	31	175-4370	175-4390

**PROPOSITION 65 WARNING:** Battery posts, terminals and related accessories contain lead and lead compounds, chemicals known to the state of California to cause cancer and reproductive harm. **Wash hands after handling.**

**IMPORTANT NOTE: BATTERIES CAN EXPLODE!** Always wear safety glasses AND shield eyes when working around batteries. Always check for proper polarity and sufficient terminal clearance BEFORE final installation to avoid dangerous sparks, potential explosion, possible severe personal injury and/or expensive electrical system and/or vehicle/equipment damage. Always check for proper polarity and sufficient clearances before connecting cables and closing hood or covers.

MAKE EQUIPMENT TYPE YEAR/MODEL	CCA @ 0°F	O.E. BCI NO.	REPLACEMENT	
			OPTION 1	OPTION 2
<b>Commercial Chassis</b>				
2000-90 Waste Collection	750	31(3)	175-4370	175-4390
1989-86 Waste Collection	625	31(3)	175-4360	175-4370
1990-88 Fire Engine	1100	8D(2)	153-5720	101-4000
1987-86 Fire Engine	900	8D(2)	153-5720	101-4000
<b>PETERBILT MOTORS CO.</b>				
<p>Battery requirements vary greatly with individual trucks.                      These group numbers are used:</p> <p>320, 330, 349, 353, 357, 359, 362, 372,                      375, 376, 377, 378, 379, 387, 397</p>				
<b>Trucks</b>				
<b>Electric Start:</b>				
Optional 6-volt	975	4(4)	8C-3633	—
Optional 12-volt:				
Group 31 Stud	625	31(3,4)	175-4370	175-4390
Group 31 SAE	625	31(3,4)SAE	3T-5760	115-2422
Group 31 Stud	950	31(2,3,4)	175-4390	175-4370
Group 31 SAE	950	31(2,3,4)SAE	115-2422	115-2421
<b>Air Start:</b>				
Group 31 Stud	625	31(2)	175-4370	175-4390
Group 31 SAE	625	31(2)SAE	3T-5760	115-2422
<b>Early Models</b>				
The following sizes were used:				
1968-49	750	4(2)	8C-3633	8T-9733
	800	6D(1,2)	153-5700	9X9720
	950	8D(1,2)	153-5720	101-4000
<b>REO</b>				
See also "DIAMOND REO"				
<b>Trucks</b>				
<b>"A" Series:</b>				
1956-53 AC-403, -503; A-, AC-603, -633, -703, -733	730	4(2)	8C-3633	8T-9733
1962-57 AC-403, -503; A-, AC-603, -633, -703, -733	475	30H	3T-5760	115-2422
1956-55 A-600, -607, -620, -630, -700, -720, -730, -803	675	3(2)	153-5690	8C-3630
1959-57 A-, AC-600, -603D, -607, -620, -630, -633D, -700, -703D, -720, -730, -800, -830	500	27	153-5656	8C-3601
1962-60 A-630, -730	500	27	153-5656	8C-3601
<b>"B" Series:</b>				
1959 BCL-633D, -703D, -733D	950	8D(2)	153-5720	101-4000
1961-60 BCL-633D, -703D, -733D	800	5D(4)	8C-3633	8T-9733
<b>"C" Series:</b>				
1965-58 All "C" Series ex. below	500	27	153-5656	8C-3601
Optional, ex. below	600	30H	3T-5760	115-2422
C-403D, -530D	950	8D	153-5720	101-4000
<b>"D" Series:</b>				
1949 D-19, -19X, -21, -22	675	3	153-5690	8C-3630
1951-49 D-23, -30, -31	730	4(1,2)	8C-3633	8T-9733
1967-60 D-, DC-303, -400, -403, -500, -503, -603, -630, -633, -703, -730, -733	500	27	153-5656	8C-3601
Optional on some models	600	30H	3T-5760	115-2422
1967-66 D-600, -630, -656, -700, -730, -752	600	30H	3T-5760	115-2422
1962-61 D-633D, -703D, -733D	850	4D(4)	153-5700	9X9720
1965-62 DCL-633D, -703D, -733D	800	5D(4)	8C-3633	8T-9733

MAKE EQUIPMENT TYPE YEAR/MODEL	CCA @ 0°F	O.E. BCI NO.	REPLACEMENT	
			OPTION 1	OPTION 2
<b>Trucks (continued)</b>				
<b>"D" Series (continued):</b>				
1965-63 Optional	950	8D(2)	153-5720	101-4000
1965-61 DF-300, -400, -500, -600, -700	500	27	153-5656	8C-3601
Optional	600	30H	3T-5760	115-2422
1967-66 DF-600, -700	600	30H	3T-5760	115-2422
1965-63 DF-300D, -330D, -400D, -430D, -500D, -530D	730	4(2)	8C-3633	8T-9733
1967-66 DF-300D, -400D w/ Perkins 6-354 engine	675	3(2)	153-5690	8C-3630
w/ Cummins engine	730	4(2,4)	8C-3633	8T-9733
1965-61 DF-, DO-330, -430, -530, -630, -730	500	27	153-5656	8C-3601
1967-66 DF-430D, -500D, -530D	730	4(4)	8C-3633	8T-9733
1967-66 DL-600D, -700D	950	8D	153-5720	101-4000
<b>"E" Series:</b>				
1951-50 E-19, -20, -21, -22	675	3	153-5690	8C-3630
1965-50 E-22S, -23, -121, E-200D thru E-540D	730	4(1,2)	8C-3633	8T-9733
1952 E-122	800	5D	8C-3633	8T-9733
1967-63 E-200 thru E-556; ex. E-530	500	27	153-5656	8C-3601
E-530 & Optional on some models	600	30H	3T-5760	115-2422
1967-66 E-200D, -300D, -400D w/ Perkins 6-354 eng.	675	3(2)	153-5690	8C-3630
w/ Cummins engine	730	4(2,4)	8C-3633	8T-9733
1951-50 E-216, -226	675	3	153-5690	8C-3630
1951-50 E-236, -306, -316	730	4	8C-3633	8T-9733
1967-66 E-430D, -440D, -456D, -530D, -540D -556D; w/ Det. Diesel eng.	950	8D	153-5720	101-4000
w/ Cummins engine	730	4(4)	8C-3633	8T-9733
1967-66 E-500D, -510D	730	4(4)	8C-3633	8T-9733
1967-66 E-630D, -700D, -730D, -752D; w/ Cummins eng.	730	4(4)	8C-3633	8T-9733
w/ Det. Diesel engine	900	7D(2)	8C-3635	8T-9731
1965-63 E-630D, -700D, -730D, -830D-OH	800	5D(4)	8C-3633	8T-9733
1962-60 E-630D, -700D, -730D, -830D-OH	850	4D(4)	153-5700	9X9720
Optional	950	8D(2)	153-5720	101-4000
<b>"F" Series:</b>				
1954 F-14, -14R	550	2	153-5690	8C-3629
1956-52 F-20, -21, -22, -22R, -120, -206, -216, -226	675	3	153-5690	8C-3630
1959-57 F-20, -21, -22, -22R, -50, -206, -216, -226	500	27	153-5656	8C-3601
Optional	600	30H	3T-5760	115-2422
1956-52 F-22S, -23, -50, -236, -536, -536M, -536H	730	4	8C-3633	8T-9733
1954-53 F-263D w/ Buda engine	950	8D(2)	153-5720	101-4000
1956-53 F-506, -506M, -506H	675	3	153-5690	8C-3630
1957 F-506, -506M, -506H, -536, -536M, -536H	500	27	153-5656	8C-3601
1958-57 F-50D, F-536D, -536DOH	950	8D	153-5720	101-4000
<b>"G" Series:</b>				
1967-66 GH-630D, -700D, -730D; w/ Det. 6-71N eng.	900	7D(2)	8C-3635	8T-9731
w/ all other engines	730	4(4)	8C-3633	8T-9733
<b>Buses</b>				
1962-58 A-375, -475	500	27	153-5656	8C-3601
Optional	600	30H	3T-5760	115-2422
1951-48 C-119; w/ 152" Wheelbase	675	3	153-5690	8C-3630
w/ 187" Wheelbase	730	4	8C-3633	8T-9733
1951-47 C-121	800	5D	8C-3633	8T-9733
1956-48 C-122, F-120, -122	900	7D	8C-3635	8T-9731
1962-60 C-270 thru 578, D-478, -678	500	27	153-5656	8C-3601
1959-57 F-120, -122	500	27	153-5656	8C-3601
Optional	600	30H	3T-5760	115-2422
1951-47 29CA, 32CA, 33CA, 36CA, 37CA, 40CA	800	4B	153-5700	153-5720

**PROPOSITION 65 WARNING:** Battery posts, terminals and related accessories contain lead and lead compounds, chemicals known to the state of California to cause cancer and reproductive harm. **Wash hands after handling.**

Refer to page 80 for explanation of Trucks & Buses replacement footnotes.

BATTERY SAFETY  
 CATERPILLAR EQUIP.  
 INDUSTRIAL EQUIPMENT  
 FARM EQUIPMENT  
 TRUCKS & BUSES  
 AUTO & LTV  
 L & G / SMALL ENGINE  
 REFERENCE



# TRUCKS & BUSES

## SEAGRAVE — WHITE DIVISION

**IMPORTANT NOTE: BATTERIES CAN EXPLODE! Always wear safety glasses AND shield eyes when working around batteries. Always check for proper polarity and sufficient terminal clearance BEFORE final installation to avoid dangerous sparks, potential explosion, possible severe personal injury and/or expensive electrical system and/or vehicle/equipment damage. Always check for proper polarity and sufficient clearances before connecting cables and closing hood or covers.**

MAKE EQUIPMENT TYPE YEAR/MODEL	CCA @ 0°F	O.E. BCI NO.	REPLACEMENT	
			OPTION 1	OPTION 2
<b>SEAGRAVE</b>				
<b>Fire Trucks</b>				
1965-52 All models 400 thru 531	600	2(4)	153-5690	8C-3629
1965-52 All models 550 thru 900	750	4(4)	8C-3633	8T-9733
<b>SUPERIOR</b>				
<b>Buses</b>				
1947-45 All models	950	8D	153-5720	101-4000
1951-48 All models	850	4D	153-5700	9X9720
1954-52 All models	800	4B	153-5700	153-5720
<b>TRANSIT</b>				
<b>Buses</b>				
1955-49 All models	800	4B	153-5700	153-5720
<b>TWIN COACH</b>				
<b>Buses</b>				
1952-40 All models: Diesel eng. requires 2 batts.	800	4B(1,2)	153-5700	153-5720
1956 FDPE	400	24	153-5656	3T-5857
1958-53 FL, FVP-35PO	800	4B(1,2)	153-5700	153-5720
1955-54 FPE	550	1	8C-3617	8T-9734
<b>U.D. TRUCKS</b>				
<b>NISSAN DIESEL AMERICA, INC.</b>				
<i>Best fit estimate. See note on page 1.</i>				
<b>Trucks</b>				
2000-89 UD1100, -1300, -1800, -2000	625	27(2)	153-5656	8C-3601
2000-94 UD1400	625	27(2)	153-5656	8C-3601
2000-89 UD2300, -2600, -2800, -3000, -3300	625	27(2)	153-5656	8C-3601
2000-89 UD550T, -600T, -300HD, -SD, -3300, -600T	625	27(2)	153-5656	8C-3601
1988-87 CMA, CLA, CPB, CPC	525	27(2)	153-5656	8C-3601
<b>VOLVO DIVISION</b>				
<b>VOLVO GM HEAVY TRUCK CORP.</b>				
<i>See also "AUTOCAR DIVISION," "GMC DIVISION" &amp; "WHITE DIVISION"</i>				
<b>Trucks</b>				
1983 F6, F7, F10	475	31(2,4)	175-4370	175-4360
<b>WALTER TRUCK CORP.</b>				
<i>Formerly "WALTER EQUIPMENT USA, INC."</i>				
<b>Trucks</b>				
1998-81 All Trucks	950	31(4)	175-4390	175-4370 Y
1993-80 R-2000, ZD-1000	1100	8D(2)	153-5720	101-4000
1993-81 BDGS-1500, NCUS, NDUS, VDUS	1100	8D(2)	153-5720	101-4000
1993-82 BDGL-1800L, NCBS, NCGS, NCRS	1100	8D(2)	153-5720	101-4000
1993-83 BDTS, NDBS, SCUS, SDUL	1100	8D(2)	153-5720	101-4000
1977-63 AC, BDQG, CB, CBD	775	4D(2)	153-5700	9X9720
1977-73 CDTs	975	8D(2)	153-5720	101-4000
1975-64 EF, EG, FE, FF, FCBS, NKQL	775	4D(1,2)	153-5700	9X9720
1980-65 QDBS, QDUS, VDU, VPU, ZC, ZF	975	8D(2)	153-5720	101-4000

MAKE EQUIPMENT TYPE YEAR/MODEL	CCA @ 0°F	O.E. BCI NO.	REPLACEMENT	
			OPTION 1	OPTION 2
<b>Trucks (continued)</b>				
1978-64 VDU, VPU, ZC, ZF, BDGS, BCGS, BFGS	775	4D(2)	153-5700	9X9720
1980-77 BDGS, -CGS, -FGS, -DGL, -DUS, CCTS	975	8D(1,2)	153-5720	101-4000
1978-75 BDHS	775	4D(2)	153-5700	9X9720
Optional	975	8D	153-5720	101-4000
1978-76 NC, ND	775	4D(2)	153-5700	9X9720
1980-78 NC, ND	975	8D	153-5720	101-4000
<b>Early Models</b>				
1972-55 All	775	4D(1,2)	153-5700	9X9720
1953-50 AGB	800	4B	153-5700	153-5720
1960-54 AGB, AGR	775	4D	153-5700	9X9720
<b>WARD LAFRANCE</b>				
<b>Trucks</b>				
1968-46 All models	800	4(1,2)	8C-3633	8T-9733
<b>WESTERN STAR TRUCKS INC.</b>				
<b>Trucks</b>				
2000-96 Constellation Series	625	31(3,4)	175-4360	175-4370
2000-96	750	31(3,4)	175-4370	175-4360 Y
2000-96	1000	31(1-4)	175-4390	175-4370 Y
2000-99	700	31(4)	175-4370	175-4360 Y
2000-78 Heritage Series	625	31(3,4)	175-4360	175-4370
2000-78	750	31(3,4)	175-4370	175-4360 Y
2000-78	1000	31(1-4)	175-4390	175-4370 Y
2000-78	1300	8D(1,2)	153-5720	101-4000
<b>WHITE DIVISION</b>				
<b>VOLVO GM HEAVY TRUCK CORP.</b>				
<b>Trucks</b>				
2000-87 ANH, WCA, WG, WIA, WX	625	31(3,4)	175-4370	175-4390
	550	31(4)	175-4370	175-4390
1983-62 RC2, RX2, RB2, K, WSH	720	4(4)	8C-3633	8T-9733
Optional	875	7D(4)	8C-3635	8T-9731
Optional	625	31(3,4)	175-4370	175-4390
Optional	620	27(3,4)	153-5656	8C-3601
1970-57	<i>Battery sizes varied greatly. Check dimensions and polarity carefully!</i>			
<b>Early Models</b>				
1956-50 Models 3014 thru 3024, 3026, 3026T	550	2(1,2)	153-5690	8C-3629
1956-54 3024PLT	600	3(2)	153-5690	8C-3630
1956-54 3022-62T, -64, -64T	550	2(2)	153-5690	8C-3629
1956-54 3024-62T, -64T & 9000 Series	600	3(2,4)	153-5690	8C-3630
1956-46 WC-16, -16PLT, -16T, -26, -26T	550	2(1,2)	153-5690	8C-3629
1953-49 WC-16B, -18B, -20B	600	3(1,2)	153-5690	8C-3630
1956-50 WC-20, -20PLT, -20T, -22, -22PLT, -22T	550	2(1,2)	153-5690	8C-3629
1956-52 WC-22D, -22PLTD, -24PLT, -24TD	600	3(2,4)	153-5690	8C-3630
1956-55 WC-24TDA	500	1(2)	8C-3617	8T-9734
1956-52 WC-26D, -PLTD, -TD, -TWD, -WD	600	3(4)	153-5690	8C-3630
1956-50 WC-28D thru WC-34PLTD	600	3(2,4)	153-5690	8C-3630
1956-50 WC-1664 thru WC-3464TD	550	2(1,2,4)	153-5690	8C-3629
1959-57 Models w/ Cummins, White engines	650	30H(1,2,4)	3T-5760	115-2422

### Truck and Bus Replacement Footnote Codes:

- ≈ Replacement battery is taller than O.E. **Check height clearance carefully before closing hood or cover to avoid sparks, battery explosion, electrical system and/or vehicle damage and fire!**
- π Replacement battery is longer than O.E. Hold-down and/or tray replacement may be necessary.

- ¥ Check O.E. CCA requirements. **Replacement CCA may not be sufficient.**
- Ω Replacement battery is longer and taller than O.E. **Check height clearance carefully to avoid sparks, battery explosion, electrical system and/or vehicle damage and fire.** Hold-down and tray replacement may be necessary.

- Δ Replacement battery is wider and taller than O.E. **Check height clearance carefully to avoid sparks, battery explosion, electrical system and/or vehicle damage and fire.** Hold-down and/or tray replacement may be necessary.

**PROPOSITION 65 WARNING:** Battery posts, terminals and related accessories contain lead and lead compounds, chemicals known to the state of California to cause cancer and reproductive harm. **Wash hands after handling.**

# PASSENGER CARS ACADIAN — AMERICAN MOTORS

**IMPORTANT NOTE: BATTERIES CAN EXPLODE!** Always wear safety glasses AND shield eyes when working around batteries. Always check for proper polarity and sufficient terminal clearance BEFORE final installation to avoid dangerous sparks, potential explosion, possible severe personal injury and/or expensive electrical system and/or vehicle/equipment damage. Always check for proper polarity and sufficient clearances before connecting cables and closing hood or covers.

MAKE EQUIPMENT TYPE YEAR/MODEL	CCA @ 0°F	O. E. BCI NO.	PREMIUM HIGH OUTPUT	GENERAL SERVICE	
				(U.S. ONLY)	
<b>ACADIAN (GM CANADA)</b>					
See "PONTIAC"					
<b>ACURA</b>					
2000-99 3.2TL	550	24	153-5656	3T-5857	9X-1383
1999-98 2.3CL	535	24F	---	3T-5858	9X-1382
1999-97 3.0CL	535	24	153-5656	3T-5857	9X-1383
1999-96 3.5RL	550	24	153-5656	3T-5857	9X-1383
1999-94 Integra	410	a 51R	---	---	---
2000-96 NSX w/ MT	435	35	---	3T-5859	145-4518
w/ AT	585	24F	---	3T-5858	9X-1382
1998-95 2.5TL	450	a 35	---	3T-5859	145-4518
3.2TL	450	a 25	---	8C-3600	145-4517
1998 NSX-T	585	24F	---	3T-5858	9X-1382
1998-96 2.2CL, 3.0CL	535	24F	---	3T-5858	9X-1382
1998-96 3.5 RL	585	24	153-5656	3T-5857	9X-1383
SLX w/ MT	585	24	153-5656	3T-5857	9X-1383
w/ AT & optional	625	27	153-5656	8C-3601	127-0824
1996 CL, 2.2L	535	a 24F	---	3T-5858	9X-1382
RL, 3.5L	585	a 24	153-5656	3T-5857	9X-1383
1996-95 TL, NSX w/ MT	435	a 35	---	3T-5859	145-4518
NSX w/ AT	585	a 24F	---	3T-5858	9X-1382
1995-91 Legend	585	a 24	153-5656	3T-5857	9X-1383
1994-92 Vigor, NSX	425	a,m 35	---	3T-5859	145-4518
1993-90 Integra	435	a 25	---	8C-3600	145-4517
1990-86 Legend	585	a 24F	---	3T-5858	9X-1382
1989-86 Integra	410	a 51	---	---	---
<p>a Best fit estimate. See note on page 1 and note above.                      m Modification of heat shield and/or battery cover may be required.</p>					
<b>ALFA ROMEO</b>					
1995-91 164	650	d,f,j 31	115-2422	8C-3627	---
Spider:					
Factory installed	300	d,f 22F	---	3T-5859	9X-1384
Port of entry installed	525	d,f 34	153-5656 ≈	127-0826	3T-5857 ≈
1990-88 Factory installed	500	d,f 24F	---	3T-5858	9X-1382
Port of entry installed	525	d,f 34	153-5656 ≈	127-0826	3T-5857 ≈
1987-86 All	500	d,f 24F	---	3T-5858	9X-1382
1985-80 All	345	d,f 24	153-5656	3T-5857	---
1979-75 All	340	d,f 24	153-5656	3T-5857	---
w/ AC, optional	405	d,f 27	153-5656	8C-3601	127-0824
1974-69 All ex. GTA Junior	340	d,f 24	153-5656	3T-5857	---
GTA Junior	200	c,d,f 22NF	---	3T-5859 ∞	9X-1384 ∞
1968-56 All ex. Guilietta 13	340	d,f 24	153-5656	3T-5857	---
Guilietta 13	200	c,d,f 22NF	---	3T-5859 ∞	9X-1384 ∞
<p>c Hold-down, tray and or cables may require modification or replacement to accommodate replacement battery. Watch polarity! Check BEFORE installation.                      d Battery may be vented to outside of vehicle. For passenger safety, be sure to vent battery gasses to outside if required!                      f Watch polarity and clearance! Check terminal post arrangement carefully. Production varied. Vehicle could have been delivered with reverse terminal battery. Cable change may be necessary. Check BEFORE installation.                      j Group 31 size battery with SAE type terminal posts.</p>					
<b>ALL STATE</b>					
1954-51 All	350	1	---	8C-3617	8T-9734
<b>AMERICAN MOTORS</b>					
<b>Ambassador, American, Classic, Marlin, Rambler</b>					
1974-56 All	410	24	153-5656	3T-5857	9X-1383
1955-50 All	500	1	---	8C-3617	8T-9734

MAKE EQUIPMENT TYPE YEAR/MODEL	CCA @ 0°F	O. E. BCI NO.	PREMIUM HIGH OUTPUT	GENERAL SERVICE	
				(U.S. ONLY)	
<b>AMX, Concord</b>					
1983 All	330	54	---	---	8C-3611
Optional	450	56	---	---	8C-3611
1982-81 4-cyl.	380	55	---	---	8C-3611
6-cyl.	305	54	---	---	8C-3611
All optional	450	56	---	---	8C-3611
1979 4-cyl.	380	55	---	---	8C-3611
6-cyl.	305	22F	---	---	3T-5859 9X-1384
Optional 6-cyl.	410	24	153-5656	3T-5857	9X-1383
All optional	450	56	---	---	8C-3611
V8	305	54	---	---	8C-3611
Optional V8	440	24	153-5656	3T-5857	9X-1383
1978 All	305	22F	---	---	3T-5859 9X-1384
Optional 6-cyl. & V8	410	24	153-5656	3T-5857	9X-1383
<b>Eagle (See separate listing for later models.)</b>					
1987 All	420	55	---	---	8C-3611
Optional	450	56	---	---	8C-3611
1986-85 All	320	54	---	---	8C-3611
Optional	450	56	---	---	8C-3611
1984-83 4-cyl.	370	55	---	---	8C-3611
6-cyl.	330	54	---	---	8C-3611
All optional	450	56	---	---	8C-3611
1982-81 4-cyl.	380	55	---	---	8C-3611
6-cyl.	305	54	---	---	8C-3611
All optional	450	56	---	---	8C-3611
1980 6-cyl.	305	22F	---	---	3T-5859 9X-1384
Optional	450	56	---	---	8C-3611
<b>Gremlin, Hornet, Javelin</b>					
1978-68 4-cyl., 6-cyl., V8, 304	305	22F	---	---	3T-5859 9X-1384
Optional & others	410	24	153-5656	3T-5857	9X-1383
<b>Matador</b>					
1978-71 6-cyl., V8, 304	305	22F	---	---	3T-5859 9X-1384
All others & optional	410	24	153-5656	3T-5857	9X-1383
<b>Pacer</b>					
1980 6-cyl.	305	22F	---	---	3T-5859 9X-1384
Optional	450	56	---	---	8C-3611
1979 6-cyl.	305	22F	---	---	3T-5859 9X-1384
V8	305	54	---	---	8C-3611
1978-75 6-cyl., V8	305	22F	---	---	3T-5859 9X-1384
<b>Rebel</b>					
1970-67 All	305	22F	---	---	3T-5859 9X-1384
Optional	410	24	153-5656	3T-5857	9X-1383
<b>Spirit</b>					
1983 All	330	54	---	---	8C-3611
1982-81 4-cyl.	380	55	---	---	8C-3611
6-cyl.	305	54	---	---	8C-3611
1979 4-cyl.	450	56	---	---	8C-3611
6-cyl.	305	22F	---	---	3T-5859 9X-1384
V8	305	55	---	---	8C-3611

**PROPOSITION 65 WARNING:** Battery posts, terminals and related accessories contain lead and lead compounds, chemicals known to the state of California to cause cancer and reproductive harm. **Wash hands after handling.**

Refer to page 110 for explanation of Passenger Car, Light Truck, Van & Mini-Van replacement footnotes.





# PASSENGER CAR AMC/RENAULT — BMW

**IMPORTANT NOTE: BATTERIES CAN EXPLODE! Always wear safety glasses AND shield eyes when working around batteries. Always check for proper polarity and sufficient terminal clearance BEFORE final installation to avoid dangerous sparks, potential explosion, possible severe personal injury and/or expensive electrical system and/or vehicle/equipment damage. Always check for proper polarity and sufficient clearances before connecting cables and closing hood or covers.**

MAKE EQUIPMENT TYPE YEAR/MODEL	CCA @ 0°F	O.E. BCI NO.	PREMIUM HIGH OUTPUT	GENERAL SERVICE	
				(U.S. ONLY)	
<b>AMC/RENAULT</b>					
1987 GTA 4-cyl., 2.0L	410	58	175-4280	—	—
1987-85 Alliance, Encore: 4-cyl. 1.4L 4-cyl. 1.7L	390 460	58 58	175-4280	—	—
1986-85 Fuego, Sportwagon	425	42	—	8C-3605 π	—
1984-83 Alliance, Encore	390	58	175-4280	—	—
1984-81 18i, Fuego	375 d	22F	—	3T-5859	9X-1384
1983-76 LeCar	375	22F	—	3T-5859	9X-1384
1974 All others	235	22F	—	3T-5859	9X-1384
1973-63 All ex. below	235	22NF	—	3T-5859 ∞	9X-1384 ∞
1967-59 Dauphine, Caravelle, Gordine	240	24	153-5656	3T-5857	9X1383
1961-55 4CV	350 c	19L	—	8C-3617 Ω	8T-9734
1958-56 Dauphine	350 c	19L	—	8C-3617 Ω	8T-9734

c Hold-down, tray and/or cables may require modification or replacement to accommodate replacement battery. Watch polarity! Check BEFORE installation.

d Battery may be vented to outside of vehicle. For passenger safety, be sure to vent battery gasses to outside if required!

<b>ASUNA (CANADA)</b>					
1993-92 Sunfire	350	a	35	—	3T-5859 145-4518

a Best fit estimate. See note on page 1 and note above.

<b>AUDI</b>					
2000 A8 & A6, 4.2L	825	d	49	—	8C-3605 ¥
A4 & A6 ex. 4.2L & 2.7L Turbo	570	48	—	8C-3605	—
TT Coupe	480	47	—	8C-3605 π ≠	145-4518 ≠
A6, 2.7L Turbo	640	94R	—	—	—
1999-97 A8, 3.7L & 4.2L	825	d	49	—	8C-3605 ¥
1999-96 A4, 1.8L Turbo & 2.8L	570	48	—	8C-3605	—
1999-97 A6	650	d	41	—	8C-3605
Cabriolet	650	41	—	8C-3605	—
1996 A6	575	41	—	8C-3605	—
Optional for above & Cabriolet	650	41	—	8C-3605	—
A4	570	48	—	8C-3605	—
1995 90, S6	650	41	—	8C-3605	—
1994-91 V8 Quattro	650	d	41	—	8C-3605
1994-89 80 & 100	650	d	41	—	8C-3605
S4, 90 & optional	650	d	41	—	8C-3605
200, Coupe, Quattro	650	d	41	—	8C-3605
1990 V8 Quattro	650	d	41	—	8C-3605
1989-88 80, 90, 100, 200	500	d	41	—	8C-3605
1988 5000	500	d	41	—	8C-3605
1987 Quattro	650	49	—	8C-3605	—
1987-82 5000, Coupe, Quattro	500	d	41	—	8C-3605
4000 4-cyl. ex. Canada	435	42	—	8C-3605 π	—
5-cyl. & Canada 4-cyl.	500	41	—	8C-3605	—
1985-82 All Diesels	650	49	—	8C-3605	—
1981-80 5000 ex. Diesel	500	d	41	—	8C-3605
Diesel	650	49	—	8C-3605	—
4000 4-cyl. ex. Canada	350	42	—	8C-3605 π	—
w/ AC	435	42	—	8C-3605 π	—
Canada	500	41	—	8C-3605	—
1979-78 5000 ex. Diesel	500	d	41	—	8C-3605
Diesel	650	49	—	8C-3605	—
Fox	435	42	—	8C-3605 π	—
1977-70 All	435	42	—	8C-3605 π	—

d Battery may be vented to outside of vehicle. For passenger safety, be sure to vent battery gasses to outside if required!

MAKE EQUIPMENT TYPE YEAR/MODEL	CCA @ 0°F	O.E. BCI NO.	PREMIUM HIGH OUTPUT	GENERAL SERVICE	
				(U.S. ONLY)	
<b>AUSTIN</b>					
1974-73 Marina	345	d	51	—	—
1972-68 America	260	d	22NF	—	3T-5859 ∞ 9X-1384 ∞
1967 1100, 1300	225	d	22NF	—	3T-5859 ∞ 9X-1384 ∞
1967-48 All	225	d	24	153-5656	3T-5857 9X-1383

d Battery may be vented to outside of vehicle. For passenger safety, be sure to vent battery gasses to outside if required!

<b>AUSTIN HEALEY</b>					
1969-57 All 12 Volt	225	d	24	153-5656	3T-5857 9X-1383

d Battery may be vented to outside of vehicle. For passenger safety, be sure to vent battery gasses to outside if required!

<b>AUTO UNION - DKW</b>					
1964-56 All 6 Volt	350	c	19L	—	8C-3617 Ω 8T-9734

c Hold-down, tray and/or cables may require modification or replacement to accommodate replacement battery. Watch polarity! Check BEFORE installation.

<b>BEAUMONT (GM CANADA)</b>					
1969-66 All	340	24	153-5656	3T-5857	9X-1383

<b>BMW</b>					
2000 323i & 325i Touring	765	94R	—	—	—
320i, 325i, 325Ci	765	94R	—	—	—
330i, 330Ci, 323Ci,	765	94R	—	—	—
M3	900	49	—	—	—
Z8	825	49	—	8C-3605 ¥	—
2000-99 7 Series: 740i, iL	950	95R	—	—	—
750i, iL- E- KAT	y	—	—	—	—
2000-98 M Roadster	650	48	—	8C-3605	—
Z3 Coupe, M Coupe	650	48	—	8C-3605	—
2000-96 M3 (E-36)	650	92	—	—	—
Convertible (E-36)	575	y	92	—	—
Z3Roadster	650	48	—	8C-3605	—
318iS	650	92	—	—	—
Convertible	575	y	92	—	—
5 Series	825	49	—	—	—
2000-95 318ti	600	91	—	—	—
1998-92 318, 318iS	570	d	91	—	—
1998-90 8 Series	570	b,d	91	—	—
Optional	775	93	—	—	—
1995-94 325 ex. Convertible	650	d	92	—	—
Convertible	575	92	—	—	—
1995-88 5 Series ex. 525i, -is	775	d	93	—	—
525i, 525is	650	d	92	—	—
1995 316	775	49	—	—	—
1990-88 525i	570	91	—	—	—
1994-87 7 Series	775	d,r	93	—	—
1993-92 325 ex. Convertible	650	92	—	—	—
Convertible	570	91	—	—	—
1993-91 850i	550	91	—	—	—
Optional	740	b	93	—	—
1993-88 Series 3	570	91	—	—	—
1989-88 Series 3 Convertible	520	90	—	—	—
635CSi	650	92	—	—	—
1989-88 Series 6	740	93	—	—	—
1989-87 M6	775	93	—	—	—

**PROPOSITION 65 WARNING:** Battery posts, terminals and related accessories contain lead and lead compounds, chemicals known to the state of California to cause cancer and reproductive harm. **Wash hands after handling.**

**IMPORTANT NOTE: BATTERIES CAN EXPLODE! Always wear safety glasses AND shield eyes when working around batteries. Always check for proper polarity and sufficient terminal clearance BEFORE final installation to avoid dangerous sparks, potential explosion, possible severe personal injury and/or expensive electrical system and/or vehicle/equipment damage. Always check for proper polarity and sufficient clearances before connecting cables and closing hood or covers.**

MAKE EQUIPMENT TYPE YEAR/MODEL	CCA @ 0°F	O.E. BCI NO.	PREMIUM HIGH OUTPUT	GENERAL SERVICE	
				(U.S. ONLY)	
<b>BMW (continued)</b>					
1987 Series 3	570	d	91	—	—
528e	650		92	—	—
Optional	690		48	8C-3605	—
535i	650		92	—	—
Optional	690		48	8C-3605	—
M5	775		93	—	—
635CSi	650		92	—	—
Optional	495		48	8C-3605	—
Series 5 & 6	560		48	8C-3605	—
1986 3 Series	570		91	—	—
528e	650		92	—	—
535, 635CSi, 735i	650		92	—	—
1986-85 524td Diesel	775		93	—	—
1985-83 3 Series	570		91	—	—
All 4-cyl.	460		42	8C-3605 π	—
All 6-cyl.	370	g	47	8C-3605 π ≠	145-4518 ≠
528e	650		92	—	—
533i, 535i	650		92	—	—
633CSi, 635CSi	520		90	—	—
733i, 735i	570		91	—	—
1982 528e	520		90	—	—
1982-81 320i	520		90	—	—
633CSi	520		90	—	—
733i	650		91	—	—
1981 528i	650		91	—	—
1982-69 All 12 Volt	460		42	8C-3605 π	—
1968-67 All 6 Volt	340		19L	8C-3617 Ω	8T-9734
1966-63 1500, 1800, 1800TL	340		19L	8C-3617 Ω	8T-9734
1962-56 300, 600, 700	220	p	51	—	—
<p><i>b</i> Two batteries required. For best results, replace both batteries at the same time.</p> <p><i>c</i> Hold-down, tray and/or cables may require modification or replacement to accommodate replacement battery. Watch polarity! Check BEFORE installation.</p> <p><i>d</i> Battery may be vented to outside of vehicle. For passenger safety, be sure to vent battery gasses to outside if required!</p> <p><i>g</i> Hood or cover clearance may not be sufficient. Be sure to check height clearance and polarity carefully before installation to avoid sparks, explosion, personal injury and vehicle damage.</p> <p><i>p</i> Original battery has special terminals. Cable change is necessary.</p> <p><i>r</i> Battery installation is moderately difficult. Expect to take 15 to 30 minutes to install.</p>					
<b>BENTLEY</b>					
1965-55 S Continental	500		27F	—	8C-3602 3T-5858
1955-47 Continental, Mark VI, R	500		27	153-5656	8C-3601 127-0824
<b>BORGWARD</b>					
1961-54 All Models	350	c	19L	—	8C-3617 Ω 8T-9734
<p><i>c</i> Hold-down, tray and/or cables may require modification or replacement to accommodate replacement battery. Watch polarity! Check BEFORE installation.</p>					
<b>BUICK</b>					
<b>Apollo, Skylark (FWD), Somerset</b>					
1998-86 Skylark	600	g	75	—	7X-6100 —
1987-86 Somerset	630	g	75	—	7X-6100 —
1985 4-cyl.	630	g	75	—	7X-6100 —
V6	390	g	71	153-5660 Ω	7X-6100 —
Optional	500	g	75	—	7X-6100 —
V6, MFI	630	g	75	—	7X-6100 —
Optional	770	g	78	—	127-0826 —
1984 All	390	g	71	153-5660 Ω	7X-6100 —
Optional	500	g	75	—	7X-6100 —
1983-82 All	315	g	70	153-5660 Ω	7X-6100 —
Optional, 1983	500	g	75	—	7X-6100 —
Optional, 1982	465	g	73	153-5660 Ω	7X-6100 —

MAKE EQUIPMENT TYPE YEAR/MODEL	CCA @ 0°F	O.E. BCI NO.	PREMIUM HIGH OUTPUT	GENERAL SERVICE	
				(U.S. ONLY)	
<b>Apollo, Skylark (FWD), Somerset (continued)</b>					
1981-75 All	465	g	74	153-5660	—
1974-73 6-cyl.	275	g	72	153-5660 Ω	7X-6100 —
V8	340		24	153-5656	3T-5857 —
1972-62 All	330	h	22F	—	3T-5859 9X-1384
<p><i>g</i> Hood or cover clearance may not be sufficient. Be sure to check height clearance and polarity carefully before installation to avoid sparks, explosion, personal injury and vehicle damage.</p> <p><i>h</i> Check terminal post arrangement carefully! Production varied. Vehicle could have been delivered with top or side terminal battery. Check BEFORE installation.</p>					
<b>Centurion, Electra, Estate Wagon, LeSabre, Park Avenue, Riviera, Roadmaster, Wildcat</b>					
2000 LeSabre	770	d	100	—	—
Park Avenue	690		78	153-5660 ≈	127-0826 7X-6100
2000-98 Park Avenue S/C	770		78	—	127-0826 —
1999-97 LeSabre	690	g	78	153-5660 ≈	127-0826 7X-6100
Optional	770	g	78	—	127-0826 —
1999-94 Park Avenue	690	g	78	153-5660 ≈	127-0826 7X-6100
Optional	770	g	78	—	127-0826 —
1999-98 All Riviera	880	d	79	—	—
1997-95 Riviera	970	d,g	76	—	—
1996-94 LeSabre	600	g	75	153-5660 Ω	7X-6100 —
Optional	770	g	78	—	127-0826 —
1996-95 Roadmaster	600	g	78	153-5660 ≈	127-0826 7X-6100
1994-92 Roadmaster Sedan	525	g	75	—	7X-6100 —
1994 Estate Wagon	770	g	78	—	127-0826 —
1994-90 Riviera	770	g	78	—	127-0826 —
1994-93 Roadmaster Wagon	690	g	78	153-5660 ≈	127-0826 7X-6100
1993-91 LeSabre, Park Avenue	630	g	75	153-5660 Ω	7X-6100 —
w/ heated windshield	770	g	78	—	127-0826 ≈
Optional	770	g	78	—	127-0826 —
1993-91 Roadmaster V8, 5.7L	690	g	78	153-5660 ≈	127-0826 7X-6100
1993-89 Estate Wagon	525	g	75	—	7X-6100 —
Optional	570	g	75	—	7X-6100 —
1991 Electra	630	g	75	153-5660 Ω	7X-6100 —
w/ heated windshield	770	g	78	—	127-0826 —
1990-88 Electra, LeSabre, Park Avenue	630	g	75	153-5660 Ω	7X-6100 —
Optional	720	g	78	—	127-0826 ≈ 7X-6100
1989-88 Riviera	720	g	78	—	127-0826 7X-6100
1988-87 Estate Wagon	525	g	70	153-5660 Ω	—
Optional	720	g	78	—	127-0826 ≈ 7X-6100
1987-86 Electra, LeSabre, Park Avenue	630	g	75	153-5660 Ω	7X-6100 —
Riviera	720	g	78	—	127-0826 ≈ 7X-6100
1986 Estate Wagon	500	g	75	—	7X-6100 —
1985 LeSabre: V6	390	g	71	153-5660 Ω	—
V8	500	g	75	—	7X-6100 —
V8 Diesel	520	b,g	78	153-5660 ≈	127-0826 7X-6100
Electra: V6 ex. Diesel	630	g	75	—	7X-6100 —
Optional	770	g	78	—	127-0826 —
V6 Diesel	970	g	76	—	—
Riviera: V6 Turbo	500	g	75	—	7X-6100 —
V8 ex. Diesel	390	g	71	153-5660 Ω	7X-6100 —
V8 Diesel & Optional	520	b,g	78	153-5660 ≈	127-0826 7X-6100
1984-83 LeSabre, Electra:					
All ex. Diesel	390	g	71	153-5660 Ω	7X-6100 —
Diesel & Optional	520	g	78	153-5660 ≈	127-0826 7X-6100
Riviera: V6 Turbo	500	g	75	—	7X-6100 —
V6, 4.1L, V8, 5.0L	390	g	71	153-5660 Ω	—
V8 Diesel & Optional	520	b,g	78	153-5660 ≈	127-0826 ≈ 7X-6100

**PROPOSITION 65 WARNING:** Battery posts, terminals and related accessories contain lead and lead compounds, chemicals known to the state of California to cause cancer and reproductive harm. **Wash hands after handling.**



# PASSENGER CAR BUICK

**IMPORTANT NOTE: BATTERIES CAN EXPLODE! Always wear safety glasses AND shield eyes when working around batteries. Always check for proper polarity and sufficient terminal clearance BEFORE final installation to avoid dangerous sparks, potential explosion, possible severe personal injury and/or expensive electrical system and/or vehicle/equipment damage. Always check for proper polarity and sufficient clearances before connecting cables and closing hood or covers.**

MAKE EQUIPMENT TYPE YEAR/MODEL	CCA @ 0°F	O.E. BCI NO.	PREMIUM HIGH OUTPUT	GENERAL SERVICE	
				(U.S. ONLY)	
<b>Centurion, Electra, Estate Wagon, LeSabre, Park Avenue, Riviera, Roadmaster, Wildcat (continued)</b>					
1982-81 LeSabre: V6 & V8, 4.4L	405 g	70	153-5660 Ω	—	—
HBL & AC	350 g	71	153-5660 Ω	—	—
V8, 5.0L	350 g	71	153-5660 Ω	—	—
All optional	525 g	74	153-5660	—	—
V8 Diesel	525 b.g	74	153-5660	—	—
Electra, Riviera: All ex. Diesel	350 g	71	153-5660 Ω	—	—
Optional	525 g	74	153-5660	—	—
V8 Diesel	525 b.g	74	153-5660	—	—
1980-79 V6, 3.8L(231), 4.9L(301)	350 g	71	153-5660 Ω	—	—
V8, 5.7L	350 g	71	153-5660 Ω	—	—
V8, 6.6L(403), 1979	425 g	73	153-5660 Ω	—	—
HBL &/or AC	425 g	73	153-5660 Ω	—	—
V8, 5.7L Diesel	440 b.g	74	153-5660	—	—
All others	350 g	71	153-5660 Ω	—	—
All optional	505 g	74	153-5660	—	—
1978-75 V6, 231, All ex. below	350 g	71	153-5660 Ω	—	—
All optional & V8, 403, 455	465 g	74	153-5660	—	—
1974-71 6-cyl.	275 g	71	153-5660 Ω	—	—
V8	340 g	74	153-5660	—	—
1970-63 All	390 h	24	153-5656	3T-5857	9X-1383
1958-38 All 12-volt	350	3EE	—	8C-3620	—
Optional 6-volt	400	2E	—	8C-3632 Δ	—
Optional 12-volt	400	60	—	—	—
<p>b Two batteries required. For best results, replace both batteries at the same time.</p> <p>d Battery may be vented to outside of vehicle. For passenger safety, be sure to vent battery gasses to outside if required!</p> <p>g Hood or cover clearance may not be sufficient. Be sure to check height clearance and polarity carefully before installation to avoid sparks, explosion, personal injury and vehicle damage.</p> <p>h Check terminal post arrangement carefully! Production varied. Vehicle could have been delivered with top or side terminal battery. Check BEFORE installation.</p>					
<b>Century, Reatta, Regal, Skylark (RWD), 1972-69 Special</b>					
1999-97 Century V6 3.1L	600	78	153-5660 ≈	127-0826	7X-6100
Century V6, 3.8L	690	78	153-5660 ≈	127-0826	7X-6100
1999-98 All Regal ex S/C	690 g,s	78	153-5660 ≈	127-0826	7X-6100
Optional for above & S/C	770	78	—	127-0826 ≈	—
1999-98 All Riviera	880	79	—	—	—
1998-96 Regal V6 3.8L (S/C)	720 g,s	78	153-5660 ≈	127-0826 ≈	—
1996-93 Century: 4-cyl.	525 g	75	—	7X-6100	—
V6	630	75	—	7X-6100	—
1995-90 Regal: V6, 3.1L	525 s	75	—	7X-6100	—
Regal: V6, 3.8L, 3.4L	630 s	75	—	7X-6100	—
1992-90 Century	630	75	—	7X-6100	—
1991-88 Reatta	770 g	78	—	127-0826 ≈	—
1989 Century: 4-cyl., 2.5L	630 g	75	—	7X-6100	—
V6, 2.8L	525 g	75	—	7X-6100	—
V6, 3.3L	630 g	75	—	7X-6100	—
Regal	525 g	75	—	7X-6100	—
1988 Regal FWD ex. Canada	525 g	75	—	7X-6100	—
Canada & optional	630 g	75	—	7X-6100	—
Regal RWD	525 g	75	—	7X-6100	—
1988-87 Century	630 g	75	—	7X-6100	—
1987 Regal	630 g	75	—	7X-6100	—
1986-85 Century: 4-cyl.	630 g	75	—	7X-6100	—
V6, 2.8L	500 g	75	—	7X-6100	—
V6, 3.8L	630 g	75	153-5660 Ω	7X-6100	—
Optional	720 g	78	—	127-0826 ≈	—
V6, 4.3 L Diesel	1000 g	76	—	—	—
Regal: V6, 3.8L	500 g	75	—	7X-6100	—
V8, 5.0L(307)	500 g	75	—	7X-6100	—
V8, 5.0L(305)	525 g	70	153-5660 Ω	—	—
V6, 4.3L Diesel	520 g	78	153-5660 ≈	127-0826 ≈	7X-6100

MAKE EQUIPMENT TYPE YEAR/MODEL	CCA @ 0°F	O.E. BCI NO.	PREMIUM HIGH OUTPUT	GENERAL SERVICE	
				(U.S. ONLY)	
<b>Century, Reatta, Regal, Skylark (RWD), 1972-69 Special (continued)</b>					
1984 Century: 4-cyl.	390 g	71	153-5660 Ω	—	—
V6, 2.8L, 3.0L	390 g	71	153-5660 Ω	—	—
All optional	500 g	75	—	7X-6100	—
V6, 3.8L	630 g	75	153-5660 Ω	7X-6100	—
Optional	770 g	78	—	127-0826 ≈	—
V6, 4.3L Diesel	1000 g	76	—	—	—
Regal: V6 ex. Turbo	315 g	70	153-5660 Ω	—	—
Optional	520 g	78	153-5660 ≈	127-0826	7X-6100
Turbo	500 g	75	—	7X-6100	—
V8, 5.0L(307) Canada	500 g	75	—	7X-6100	—
All Diesel	550 b.g	78	153-5660 ≈	127-0826	7X-6100
1983 Regal: ex. Diesel	350 g	70	153-5660 Ω	—	—
w/ HBL	500 g	75	—	7X-6100	—
All optional	520 g	78	153-5660 ≈	127-0826	7X-6100
All Diesel	520 b.g	78	153-5660 ≈	127-0826	7X-6100
Century: All ex. Diesel	315 g	70	153-5660 Ω	—	—
Optional	500 g	75	—	—	—
Diesel	500 b.g	75	—	—	—
1982 Regal: All ex. Diesel	400 g	70	153-5660 Ω	—	—
All optional	525 g	74	153-5660	—	—
Diesel	535 b.g	74	153-5660	—	—
Century: All ex. Diesel	315 g	70	153-5660 Ω	—	—
Optional	465 g	73	153-5660 Ω	—	—
Diesel	750 g	76	—	127-0826 ≠	127-0824 ≠
Optional Diesel	500 b.g	75	—	7X-6100	—
1981 All ex. Diesel	350 g	71	153-5660 Ω	—	—
All optional	525 g	74	153-5660	—	—
V8 Diesel	465 b.g	73	153-5660 Ω	—	—
Optional Diesel	525 b.g	74	153-5660	—	—
1980-79 All	350 g	71	153-5660 Ω	—	—
Optional	505 g	74	153-5660	—	—
1978-75 All ex. V8, 403	350 g	71	153-5660 Ω	—	—
All optional & V8, 403	465 g	74	153-5660	—	—
1974-72 All	410 g	74	153-5660	—	—
1971-63 All V8	390 h	24	153-5656	3T-5857	9X-1383
All 6-cyl.	275 h	22F	—	3T-5859	9X-1384
1962-61 All	275	22F	—	3T-5859	9X-1384
<p>b Two batteries required. For best results, replace both batteries at the same time.</p> <p>g Hood or cover clearance may not be sufficient. Be sure to check height clearance and polarity carefully before installation to avoid sparks, explosion, personal injury and vehicle damage.</p> <p>h Check terminal post arrangement carefully! Production varied. Vehicle could have been delivered with top or side terminal battery.</p> <p>s Battery installation is difficult. May take up to 45 minutes to install.</p>					
<b>Opel (See make listing.)</b>					
<b>Skyhawk</b>					
1989-85 All	630 g	75	—	7X-6100	—
1984 4-cyl., 1.8L	525 g	74	153-5660	—	—
4-cyl., 2.0L ex. Canada	390 g	71	153-5660 Ω	—	—
Optional & Canada	500 g	75	—	7X-6100	—
1983 All ex. Canada	405 g	70	153-5660 Ω	—	—
Optional & Canada	500 g	75	—	7X-6100	—
1982-78 All	350 g	70	153-5660 Ω	—	—
Optional	465 g	73	153-5660 Ω	—	—
1977-75 All	350 g	71	153-5660 Ω	—	—
<p>g Hood or cover clearance may not be sufficient. Be sure to check height clearance and polarity carefully before installation to avoid sparks, explosion, personal injury and vehicle damage.</p>					

**PROPOSITION 65 WARNING:** Battery posts, terminals and related accessories contain lead and lead compounds, chemicals known to the state of California to cause cancer and reproductive harm. **Wash hands after handling.**

**IMPORTANT NOTE: BATTERIES CAN EXPLODE! Always wear safety glasses AND shield eyes when working around batteries. Always check for proper polarity and sufficient terminal clearance BEFORE final installation to avoid dangerous sparks, potential explosion, possible severe personal injury and/or expensive electrical system and/or vehicle/equipment damage. Always check for proper polarity and sufficient clearances before connecting cables and closing hood or covers.**

MAKE EQUIPMENT TYPE YEAR/MODEL	CCA @ 0°F	O.E. BCI NO.	PREMIUM HIGH OUTPUT	GENERAL SERVICE	
				(U.S. ONLY)	
<b>CADILLAC</b>					
2000 Sedan DeVille	800	d	79	—	—
Eldorado	770		78	—	127-0826 =
2000-97 Catera	570	r	91	—	—
1999-98 Eldorado, DeVille	770		78	—	127-0826 =
2000-98 Seville	880		79	—	—
1997-95 Fleetwood	770	g	78	—	127-0826 =
1997-94 DeVille, Concours	770	g	78	—	127-0826 =
1997-91 Eldorado, Seville	770	g	78	—	127-0826 =
1994-93 Fleetwood Brougham	690	g	78	153-5660 =	127-0826 =
1993-89 DeVille, Fleetwood	520	g	78	153-5660 =	127-0826 7X-6100
Optional, all w/ heated windshield	770	g	78	—	127-0826 =
1993-87 Allanté	770	d.g	78	—	127-0826 =
1992-88 Brougham	720	g	78	153-5660 =¥	127-0826 = 7X-6100 ¥
1990-88 Eldorado, Seville	720	g	78	153-5660 =¥	127-0826 = 7X-6100 ¥
1988 Cimarron	630	g	75	—	7X-6100
DeVille, Fleetwood	770	g	78	—	127-0826 =
1987 Cimarron ex. Canada	525	g	75	—	7X-6100
Canada, optional U.S.	630	g	75	—	7X-6100
DeVille, Fleetwood, Brougham	520	g	78	153-5660 =	127-0826 7X-6100
Optional U.S.	720	g	78	153-5660 =¥	127-0826 = 7X-6100 ¥
Optional Canada	770	g	78	—	127-0826 =
Eldorado, Seville	520	g	78	153-5660 =	127-0826 7X-6100
Optional	720	g	78	—	127-0826 =
1986 DeVille, Fleetwood: V8, 4.1L	720	g	78	153-5660 =¥	127-0826 =
Fleetwood Brougham	720	g	78	153-5660 =¥	127-0826 =
Eldorado, Seville	520	g	78	153-5660 =	127-0826 7X-6100
1986-84 Cimarron: All	500	g	75	—	7X-6100
1985-84 DeVille, Brougham, Seville, Eldorado: V6 Diesel	1000	g	76	—	—
V8 ex. Diesel	520	g	78	153-5660 =	127-0826 7X-6100
V8 Optional ex. Diesel	770	g	78	—	127-0826 =
V8 Diesel	520	b.g	78	153-5660 =	127-0826 7X-6100
1983 4-cyl.	405	g	70	153-5660 Ω	—
Optional	500	g	75	—	7X-6100
Others & Diesel	520	g	78	153-5660 =	127-0826 7X-6100
1982 Cimarron 4-cyl.	315	g	70	153-5660 Ω	—
Optional	465	g	73	153-5660 Ω	—
Others ex. Diesel	465	g	73	153-5660 Ω	—
Diesel	525	b	74	153-5660	—
1981-80 All ex. Diesel	465	g	73	153-5660 Ω	—
All Diesel	525	b	74	153-5660	—
1979 All ex. Diesel	505		74	153-5660	—
Diesel	525	b	74	153-5660	—
1978-75 Early ex. Diesel	425	g	73	153-5660 Ω	—
Late & Diesel	465		74	153-5660	—
1974-73 All	465		74	153-5660	—
1970-69 All	465	h	27	153-5656	8C-3601 127-0824
1972-71 All ex. Eldorado	465	h	27	153-5656	8C-3601 127-0824
Eldorado	465	h	74	153-5660	—
1970-66 All ex 75 Series	465		27	153-5656	8C-3601 127-0824
75 Series	385		60	—	—
1965-59 All	385		60	—	—
1958-57 All ex. Eldorado, Brougham	385		60	—	—
Eldorado, Brougham	465		27	153-5656	8C-3601 127-0824
1956-53 All	350		3EE	—	8C-3620
1952-40 All	375		2	153-5690	8C-3629 8C-3617

b Two batteries required. For best results, replace both batteries at the same time.  
 d Battery may be vented to outside of vehicle. For passenger safety, be sure to vent battery gasses to outside if required!  
 g Hood or cover clearance may not be sufficient. Be sure to check height clearance and polarity carefully before installation to avoid sparks, explosion, personal injury and vehicle damage.  
 h Check terminal post arrangement carefully! Production varied. Vehicle could have been delivered with top or side terminal battery. Check BEFORE installation.  
 r Battery installation is moderately difficult. Expect to take 15 to 30 minutes to install.

MAKE EQUIPMENT TYPE YEAR/MODEL	CCA @ 0°F	O.E. BCI NO.	PREMIUM HIGH OUTPUT	GENERAL SERVICE	
				(U.S. ONLY)	
<b>CHECKER</b>					
1982-81 All ex. Fleets & Diesel	485		24	153-5656	3T-5857 9X-1383
Fleets & Diesel	630	b	24	153-5656	3T-5857 9X-1383
1980 All ex. Fleets & Diesel	490		30H	115-2422	8C-3627
Fleets & Diesel	630	b	24	153-5656	3T-5857 9X-1383
1979-75 6-cyl. ex. Fleets	490	f	30H	115-2422	8C-3627
V8 ex. Fleets & Diesel	465		74	153-5660	—
Fleets & Diesel	630	b	24	153-5656	3T-5857 9X-1383
1974-58 All	285	f,j	31	115-2422	8C-3627
Optional (1973-67)	430		74	153-5660	—
Also Optional	285		24	153-5656	3T-5857
1957 A8 12 Volt	375		27	153-5656	8C-3601 127-0824
1958-50 All	500		1	—	8C-3617 8T-9734

b Two batteries required. For best results, replace both batteries at the same time.  
 f Watch polarity! Check cables carefully BEFORE connection. Reversing terminals can cause battery explosions, serious injury and/or expensive electrical system damage.  
 j Group 31 size battery with SAE type terminal posts.

<b>CHEVROLET</b>					
<b>Bel Air, Biscayne, Caprice, Impala</b>					
2000 Impala V6, 3.1L	600		78	153-5660 =	127-0826 =
Impala V6, 3.4L & w/ S/C option	680		78	153-5660 =	127-0826 =
1996-95 V8, 4.3L & 5.7L	600	g	78	153-5660 =	127-0826 =
Optional, SEO	770	g	78	—	127-0826 =
1994 V6, 4.3L	525	g	75	153-5660 Ω	7X-6100
V8, 5.7L	770	g	78	—	127-0826 =
1993-92 V6, 4.3L	720	g	78	153-5660 =¥	127-0826 =
1993-90 V8, 5.0L	525	g	75	153-5660 Ω	7X-6100
1993-88 V8, 5.7L	720	g	78	153-5660 =¥	127-0826 =
1990-86 V6, 4.3L	630	g	75	153-5660 Ω	7X-6100
1989-87 V8, 5.0L	525	g	70	153-5660 Ω	—
Optional	570	g	75	—	7X-6100
1987 V8, 5.7L	525	g	75	—	7X-6100
SEO	720	g	78	153-5660 ¥	127-0826 =
1986 V8, 5.0L(305)	525	g	70	153-5660 Ω	—
Optional	570	g	75	153-5660 Ω	7X-6100
V8, 5.0L(307)	425	g	75	153-5660 Ω	7X-6100
V8, 5.7L(350)	720	g	78	153-5660 =¥	127-0826 =
1985-83 V6, 3.8L	405	g	70	153-5660 Ω	—
V6, 4.3L	630	g	75	153-5660 Ω	7X-6100
V8 ex. Diesel (1985-84)	500	g	75	153-5660 Ω	7X-6100
V8 ex. Diesel (1983)	350	g	70	153-5660 Ω	—
All optional ex. Diesel	630	g	75	153-5660 Ω	7X-6100
V8 Diesel (1985-84)	405	b,g	70	153-5660 Ω	—
Diesel (1983)	500	b,g	75	153-5660 Ω	7X-6100
Optional Diesel	520	b,g	78	153-5660 =	127-0826 7X-6100
1982-81 V6, 3.8L	405	g	70	153-5660 Ω	—
V8 ex. Diesel	350	g	71	153-5660 Ω	—
All optional	525		74	153-5660	—
Diesel	465	b,g	73	153-5660 Ω	—
Optional Diesel	540	b	74	153-5660	—
1980 All ex. Diesel	350	g	71	153-5660 Ω	—
Optional	465		74	153-5660	—
Diesel	465	b	74	153-5660	—
Optional Diesel	550	b	74	153-5660	—
1979-77 6-cyl., 4.1L(250)	350	g	71	153-5660 Ω	—
5.7L(350)	350	g	71	153-5660 Ω	—
All optional	505		74	153-5660	—
1976-71 6-cyl.	275	g	72	153-5660 Ω	—
All optional & V8	465		74	153-5660	—
1970 6-cyl.	275	h	22F	—	3T-5859 9X-1384
V8 & optional 6-cyl.	380	h	24	153-5656	3T-5857 9X-1383
All optional	465	h	74	153-5660	—

**PROPOSITION 65 WARNING:** Battery posts, terminals and related accessories contain lead and lead compounds, chemicals known to the state of California to cause cancer and reproductive harm. **Wash hands after handling.**

BATTERY SAFETY  
 CATERPILLAR EQUIP.  
 INDUSTRIAL EQUIPMENT  
 FARM EQUIPMENT  
 TRUCKS & BUSES  
 AUTO & LTV  
 L & G / SMALL ENGINE  
 REFERENCE





# PASSENGER CAR CHEVROLET

**IMPORTANT NOTE: BATTERIES CAN EXPLODE! Always wear safety glasses AND shield eyes when working around batteries. Always check for proper polarity and sufficient terminal clearance BEFORE final installation to avoid dangerous sparks, potential explosion, possible severe personal injury and/or expensive electrical system and/or vehicle/equipment damage. Always check for proper polarity and sufficient clearances before connecting cables and closing hood or covers.**

MAKE EQUIPMENT TYPE YEAR/MODEL	CCA @ 0°F	O.E. BCI NO.	PREMIUM HIGH OUTPUT	GENERAL SERVICE	
				(U.S. ONLY)	
<b>Bel Air, Biscayne, Caprice, Impala (continued)</b>					
1969-63 6-cyl.	275	22F	—	3T-5859	9X-1384
V8	380	24	153-5656	3T-5857	9X-1383
1962-55 All	380	24	153-5656	3T-5857	9X-1383
1954-40 All 6 Volt	500	1	—	8C-3617	8T-9734

- b Two batteries required. For best results, replace both batteries at the same time.
- g Hood or cover clearance may not be sufficient. Be sure to check height clearance and polarity carefully before installation to avoid sparks, explosion, personal injury and vehicle damage.
- h Check terminal post arrangement carefully! Production varied. Vehicle could have been delivered with top or side terminal battery. Check BEFORE installation.

MAKE EQUIPMENT TYPE YEAR/MODEL	CCA @ 0°F	O.E. BCI NO.	PREMIUM HIGH OUTPUT	GENERAL SERVICE	
				(U.S. ONLY)	
<b>Camaro</b>					
2000-95 V6 3.8L	690	75	—	7X-6100	—
V8 5.7L	525	75	—	7X-6100	—
1997-90 All	630 g	75	—	7X-6100	—
1989-88 All ex. below	540 g	75	—	7X-6100	—
V8, 5.0L ex. 110 amp alt.	525 g	70	—	7X-6100	—
V8, 5.7L, & 110 alt.	630 g	75	—	7X-6100	—
1987-85 All	630 g	75	—	7X-6100	—
1984 4-cyl., V6	405 g	70	—	—	—
Optional & V8	500 g	75	—	7X-6100	—
V8 optional	630 g	75	—	7X-6100	—
1983-82 4-cyl. ex. Canada	405 g	70	—	—	—
Canada	500 g	75	—	7X-6100	—
V6 & V8	405 g	70	—	—	—
All optional (1983)	500 g	75	—	7X-6100	—
All optional (1982)	465 g	73	153-5660 Ω	—	—
1981-80 All	465 g	73	153-5660 Ω	—	—
All optional	525	74	153-5660	—	—
1979-70 All	350 g	71	153-5660 Ω	—	—
All optional	505	74	153-5660	—	—
1969 Late 6-cyl. & V8 302	275 g,h	72	153-5660 Ω	—	—
Late V8 327, 350, 396	340 h	74	153-5660	—	—
Early 6-cyl. & V8 302	275 h	22F	—	3T-5859	9X-1384
Early others	380 h	24	153-5656	3T-5857	9X-1383
1968-67 6-cyl.	275	22F	—	3T-5859	9X-1384
V8	380	24	153-5656	3T-5857	9X-1383

- g Hood or cover clearance may not be sufficient. Be sure to check height clearance and polarity carefully before installation to avoid sparks, explosion, personal injury and vehicle damage.
- h Check terminal post arrangement carefully! Production varied. Vehicle could have been delivered with top or side terminal battery. Check BEFORE installation.

MAKE EQUIPMENT TYPE YEAR/MODEL	CCA @ 0°F	O.E. BCI NO.	PREMIUM HIGH OUTPUT	GENERAL SERVICE	
				(U.S. ONLY)	
<b>Cavalier, Citation, Nova</b>					
2000-95 Cavalier: 4-cyl. 2.2L	525	75	—	7X-6100	—
4-cyl. 2.4L	600	75	—	7X-6100	—
1997-88 Cavalier	630 g	75	—	7X-6100	—
1988-85 Nova	310	35	—	3T-5859	145-4518
1987 Cavalier ex. Canada	525 g	70	—	—	—
All optional & Canada	630 g	75	—	7X-6100	—
1986 Cavalier	630 g	75	—	7X-6100	—
1985 Citation: 4-cyl.	405 g	70	—	—	—
V6, 2.8L 2V ex. Canada	405 g	70	—	—	—
Optional & Canada	500 g	75	—	7X-6100	—
V6, 2.8L MFI	500 g	75	—	7X-6100	—
Optional	630 g	75	—	7X-6100	—
Cavalier: 4-cyl., MT ex. Canada	405 g	70	—	—	—
Optional, AT, Canada	500 g	75	—	7X-6100	—
V6 all	500 g	75	—	7X-6100	—
1984-83 All ex. Canada	405 g	70	—	—	—
Optional & Canada	500 g	75	—	7X-6100	—

MAKE EQUIPMENT TYPE YEAR/MODEL	CCA @ 0°F	O.E. BCI NO.	PREMIUM HIGH OUTPUT	GENERAL SERVICE	
				(U.S. ONLY)	
<b>Cavalier, Citation, Nova (continued)</b>					
1982-78 All	350 g	70	153-5660 Ω	—	—
Optional (1982-81)	465 g	73	153-5660 Ω	—	—
Optional (1980)	465	74	153-5660	—	—
1977-71 All	350 g	72	153-5660 Ω	—	—
All optional	505	74	153-5660	—	—
1970-67 4 & 6-cyl.	275 h	22F	—	3T-5859	9X-1384
V8	340 h	24	153-5656	3T-5857	—
Optional (1970)	465 h	74	153-5660	—	—
Optional (1969-67)	380 h	24	153-5656	3T-5857	9X-1383

- g Hood or cover clearance may not be sufficient. Be sure to check height clearance and polarity carefully before installation to avoid sparks, explosion, personal injury and vehicle damage.
- h Check terminal post arrangement carefully! Production varied. Vehicle could have been delivered with top or side terminal battery. Check BEFORE installation.

MAKE EQUIPMENT TYPE YEAR/MODEL	CCA @ 0°F	O.E. BCI NO.	PREMIUM HIGH OUTPUT	GENERAL SERVICE	
				(U.S. ONLY)	
<b>Celebrity</b>					
1991-87 All	630 g	75	—	7X-6100	—
1986-84 4-cyl.	630 g	75	153-5660 Ω	7X-6100	—
V6, 2.8L 2V ex. Canada	405 g	70	153-5660 Ω	—	—
V6, 2.8L MFI ex. Canada	500 g	75	153-5660 Ω	7X-6100	—
Optional & Canada	630 g	75	153-5660 Ω	7X-6100	—
SEO (1986)	720 g	78	153-5660 ≈¥	127-0826 ≈	—
V6, 4.3L Diesel (1985-84)	770 g	78	—	127-0826 ≈	—
1983 All ex. Diesel	405 g	70	—	7X-6100	—
All optional	500 g	75	—	7X-6100	—
V6 Diesel	500 b,g	76	—	7X-6100	—
1982 All ex. Diesel	350 g	70	—	7X-6100	—
Diesel	500 b,g	75	—	7X-6100	—

- b Two batteries required. For best results, replace both batteries at the same time.
- g Hood or cover clearance may not be sufficient. Be sure to check height clearance and polarity carefully before installation to avoid sparks, explosion, personal injury and vehicle damage.

MAKE EQUIPMENT TYPE YEAR/MODEL	CCA @ 0°F	O.E. BCI NO.	PREMIUM HIGH OUTPUT	GENERAL SERVICE	
				(U.S. ONLY)	
<b>Chevelle, Chevy II, Concours, Malibu, Monte Carlo</b>					
2000-96 Monte Carlo: V6 3.1L	600 s	78	153-5660 ≈	127-0826 ≈	—
2000-98 V6 3.8L	690	78	153-5660 ≈	127-0826 ≈	—
1999-97 All Malibu	600	75	—	7X-6100	—
1996 All	690	78	153-5660 ≈	127-0826 ≈	—
1995-92 4-cyl., V6, 3.1L	525 g	75	—	7X-6100	—
Optional, w/ SEO	675 g	75	—	7X-6100	—
V6, 3.4L	675 g	75	—	7X-6100	—
1992-90 All	675 g	75	—	7X-6100	—
1988-86 V6, 4.3L	630 g	75	—	7X-6100	—
V8, 5.0L	525 g	70	—	—	—
Optional	570 g	75	—	7X-6100	—
1987-86 V6, 3.8L	525 g	75	—	7X-6100	—
1985 V6, 3.8L	500 g	75	153-5660 Ω	7X-6100	—
Optional	550 g	78	153-5660 ≈	127-0826 ≈	7X-6100
V6, 4.3L	630 g	75	153-5660 Ω	7X-6100	—
V8	500 g	75	153-5660 Ω	7X-6100	—
1984-83 V6, 3.8L(229)	405 g	70	153-5660 Ω	—	—
Optional	500 g	75	153-5660 Ω	7X-6100	—
V6, 3.8L(231)	350 g	70	153-5660 Ω	—	—
Optional	550 g	78	153-5660 ≈	127-0826 ≈	7X-6100
V6 Diesel	500 b,g	75	153-5660 Ω	7X-6100	—
Optional Diesel	550 b,g	78	153-5660 ≈	127-0826 ≈	7X-6100
V8, 5.0L	500 g	75	153-5660 Ω	7X-6100	—
V8 Diesel	405 b,g	70	153-5660 Ω	—	—
Optional Diesel	550 b,g	78	153-5660 ≈	127-0826 ≈	7X-6100

**PROPOSITION 65 WARNING:** Battery posts, terminals and related accessories contain lead and lead compounds, chemicals known to the state of California to cause cancer and reproductive harm. **Wash hands after handling.**

BATTERY SAFETY  
CATERPILLAR EQUIP.  
INDUSTRIAL EQUIPMENT  
FARM EQUIPMENT  
TRUCKS & BUSES  
AUTO & LTV  
L & G / SMALL ENGINE  
REFERENCE



# PASSENGER CARS CHEVROLET — CHRYSLER

**IMPORTANT NOTE: BATTERIES CAN EXPLODE!** Always wear safety glasses AND shield eyes when working around batteries. Always check for proper polarity and sufficient terminal clearance BEFORE final installation to avoid dangerous sparks, potential explosion, possible severe personal injury and/or expensive electrical system and/or vehicle/equipment damage. Always check for proper polarity and sufficient clearances before connecting cables and closing hood or covers.

MAKE EQUIPMENT TYPE YEAR/MODEL	CCA @ 0°F	O. E. BCI NO.	PREMIUM HIGH OUTPUT	GENERAL SERVICE		
				(U.S. ONLY)		
<b>Chevelle, Chevy II, Concours, Malibu, Monte Carlo (continued)</b>						
1982-81 All ex. Diesel	405	g	70	153-5660 Ω	—	—
All optional	465	g	73	153-5660 Ω	—	—
V6 Diesel	500	b,g	75	153-5660 Ω	7X-6100	—
V8 Diesel	465	b,g	73	153-5660 Ω	—	—
Optional Diesel	525	b	74	153-5660	—	—
1980-78 All	350	g	71	153-5660 Ω	—	—
Optional	505		74	153-5660	—	—
1977-71 All ex. below	350	g	72	153-5660 Ω	—	—
V8, 400, 454	465		74	153-5660	—	—
All optional	465		74	153-5660	—	—
1970-64 6-cyl.	275	h	22F	—	3T-5859	9X-1384
V8 & Optional	380	h	24	153-5656	3T-5857	9X-1383
Optional & V8 454 (1970)	465	h	74	153-5660	—	—
<p><i>b</i> Two batteries required. For best results, replace both batteries at the same time.  <i>g</i> Hood or cover clearance may not be sufficient. Be sure to check height clearance and polarity carefully before installation to avoid sparks, explosion, personal injury and vehicle damage.  <i>h</i> Check terminal post arrangement carefully! Production varied. Vehicle could have been delivered with top or side terminal battery. Check BEFORE installation.  <i>s</i> Battery installation is difficult. May take up to 45 minutes to install.</p>						
<b>Chevette</b>						
1987-76 All ex. Diesel	405	g	70	153-5660 Ω	—	—
All optional & Canada	525	g	70	153-5660 Ω	—	—
Diesel	520	g	78	153-5660 =	12T-0826 =	7X-6100
<p><i>g</i> Hood or cover clearance may not be sufficient. Be sure to check height clearance and polarity carefully before installation to avoid sparks, explosion, personal injury and vehicle damage.</p>						
<b>Corsica, Beretta</b>						
1996-87 All	630		75	—	7X-6100	—
<b>Corvair</b>						
1969-65 All	275		22F	—	3T-5859	9X-1384
Optional	340		24	153-5656	3T-5857	—
1964-60 All	225		53	—	—	—
<b>Corvette</b>						
2000-99 All	600		78	153-5660 =	12T-0826 =	7X-6100
1998-97 All	600	r	75	—	7X-6100	—
1996-84 All	675	r	75	—	7X-6100	—
1982-81 V8, 5.7L	465	g	73	—	—	—
1980 V8	425	g	73	153-5660 Ω	—	—
All optional	465		74	153-5660	—	—
1979 V8, 5.7L(350)	350	g	71	—	—	—
1978-76 V8, 350	425	g	73	153-5660 Ω	—	—
All optional & V8, 454	465		74	153-5660	—	—
1975-69 All	465		74	153-5660	—	—
1968-56 All	380		24	153-5656	3T-5857	9X-1383
<p><i>g</i> Hood or cover clearance may not be sufficient. Be sure to check height clearance and polarity carefully before installation to avoid sparks, explosion, personal injury and vehicle damage.  <i>r</i> Battery installation is moderately difficult. Expect to take 15 to 30 minutes to install.</p>						
<b>Lumina</b>						
1999-96 V6 3.1L	600	s	78	153-5660 =	12T-0826 =	7X-6100
1999-98 V6 3.8L	690	s	78	153-5660 =	12T-0826 =	7X-6100
1997-96 All	690	s	78	153-5660 =	12T-0826 =	7X-6100
1995-90 All	675	s	75	—	7X-6100	—
<p><i>s</i> Battery installation is difficult. May take up to 45 minutes to install.</p>						

MAKE EQUIPMENT TYPE YEAR/MODEL	CCA @ 0°F	O. E. BCI NO.	PREMIUM HIGH OUTPUT	GENERAL SERVICE		
				(U.S. ONLY)		
<b>Monza</b>						
1980 All	350	g	71	—	—	—
1979-75 All	350	g	71	153-5660 Ω	—	—
Optional V6 & V8	505		74	153-5660	—	—
<p><i>g</i> Hood or cover clearance may not be sufficient. Be sure to check height clearance and polarity carefully before installation to avoid sparks, explosion, personal injury and vehicle damage.</p>						
<b>Spectrum, Sprint (For 1989, see "GEO")</b>						
1988-85 Spectrum	410		21R	—	3T-5859 π	145-4518 π
Sprint	410	a	45	—	—	—
<p><i>a</i> Best fit estimate. See note on page 1 and note above.</p>						
<b>Vega</b>						
1977-71 All	350	g	72	—	7X-6100	—
<p><i>g</i> Hood or cover clearance may not be sufficient. Be sure to check height clearance and polarity carefully before installation to avoid sparks, explosion, personal injury and vehicle damage.</p>						
<b>CHRYSLER</b>						
<b>Fifth Avenue, GTS, Laser, Landau, LeBaron, LHS, Newport, New Yorker, 300M</b>						
2000-99 LHS & 300M	600		34	153-5656 =	12T-0826	3T-5857 =
1998-95 LHS, New Yorker, 300M	600		34	153-5656 =	12T-0826	3T-5857 =
1995-92 LeBaron: 4-cyl., 2.5L	600		34	153-5656 =	12T-0826	3T-5857 =
V6, 3.0L	500		34	153-5656 =	12T-0826	3T-5857 =
1994-90 Fifth Avenue, LHS, New Yorker	500		34	153-5656 =	12T-0826	3T-5857 =
1991 LeBaron Coupe, Convertible: ex. Turbo	625		34	153-5656 =	12T-0826	3T-5857 =
Turbo	500		34	153-5656 =	12T-0826	3T-5857 =
LeBaron Sedan	625		34	153-5656 =	12T-0826	3T-5857 =
1990 LeBaron	500		34	153-5656 =	12T-0826	3T-5857 =
1989-88 All Models	500		34	153-5656 =	12T-0826	3T-5857 =
Optional	625		34	153-5656 =	12T-0826	3T-5857 =
1987 All models	500		34	153-5656 =	12T-0826	3T-5857 =
1986-85 Laser	400		34	153-5656 =	12T-0826	3T-5857 =
LeBaron: ex. Turbo	335		26	—	8C-3600	145-4517
Turbo	400		34	153-5656 =	12T-0826	3T-5857 =
New Yorker, Fifth Avenue	400		34	153-5656 =	12T-0826	3T-5857 =
All optional	500		34	153-5656 =	12T-0826	3T-5857 =
1984 Laser	370		25	—	8C-3600	145-4517
Optional Canada only	500		24	153-5656	3T-5857	9X-1383
Executive	500		24	153-5656	3T-5857	9X-1383
1984-83 LeBaron	370		25	—	8C-3600	145-4517
E-Class, New Yorker (FWD): All	370		25	—	8C-3600	145-4517
New Yorker, Fifth Avenue	425		25	—	8C-3600	145-4517
All optional	500		24	153-5656	3T-5857	9X-1383
1982-81 LeBaron, Newport						
New Yorker	425		25	—	8C-3600	145-4517
Optional	500		24	153-5656	3T-5857	9X-1383
New Yorker, Fifth Avenue	500		24	153-5656	3T-5857	9X-1383
1980 6-cyl.	425		25	—	8C-3600	145-4517
V8, 5.2L(318)	325		24	153-5656	3T-5857	—
V8, 5.9L(360)	425		25	—	8C-3600	145-4517
All optional	500		27	153-5656	8C-3601	12T-0824
1979 6-cyl.	375		24	153-5656	3T-5857	9X-1383
V8, 5.2L(318)	325		24	153-5656	3T-5857	—
V8, 5.9L(360)	425		25	—	8C-3600	145-4517
All optional	500		27	153-5656	8C-3601	12T-0824

**PROPOSITION 65 WARNING:** Battery posts, terminals and related accessories contain lead and lead compounds, chemicals known to the state of California to cause cancer and reproductive harm. **Wash hands after handling.**



# PASSENGER CAR CHRYSLER — DODGE

**IMPORTANT NOTE: BATTERIES CAN EXPLODE! Always wear safety glasses AND shield eyes when working around batteries. Always check for proper polarity and sufficient terminal clearance BEFORE final installation to avoid dangerous sparks, potential explosion, possible severe personal injury and/or expensive electrical system and/or vehicle/equipment damage. Always check for proper polarity and sufficient clearances before connecting cables and closing hood or covers.**

MAKE EQUIPMENT TYPE YEAR/MODEL	CCA @ 0°F	O.E. BCI NO.	PREMIUM HIGH OUTPUT	GENERAL SERVICE	
				(U.S. ONLY)	
<b>Fifth Avenue, GTS, Laser, Landau, LeBaron, LHS, Newport, New Yorker, 300M (continued)</b>					
1978-89 6-cyl., 1V, 2V, V8, 318, 383	375	24	153-5656	3T-5857	9X-1383
V8, 360, 400	440	27	153-5656	8C-3601	127-0824
V8, 440, all optional	500	27	153-5656	8C-3601	127-0824
1968-86 All	440	24	153-5656	3T-5857	9X-1383
1955-35 All	370	2	153-5690	8C-3629	8C-3617
<b>Cirrus, Sebring</b>					
2000-98 Sebring ex. Conv.	525	86	—	8C-3600	—
1998-96 Sebring 4-cyl. w/ MT	430	86	—	8C-3600	—
1998-96 Sebring 4-cyl. w/ AT & V6	525	86	—	8C-3600	—
2000-95 All Cirrus & Sebring Conv.	510 s	75	—	7X-6100	—
<i>s Battery installation is difficult. May take up to 45 minutes to install.</i>					
<b>Conquest</b>					
1989 All	425 a	25	—	8C-3600	145-4517
1988-87 All	420 a	51	—	—	—
<i>a Best fit estimate. See note on page 1 and note above.</i>					
<b>Concorde</b>					
2000-98 V6 2.7L	500	34	153-5656 =	127-0826	3T-5857 =
Opt. & V6 3.2L	600	34	153-5656 =	127-0826	3T-5857 =
1997-93 All	600	34	153-5656 =	127-0826	3T-5857 =
<b>Cordoba</b>					
1983-81 All	425	25	—	8C-3600	145-4517
1980-79 6-cyl.	425	25	—	8C-3600	145-4517
V8, 5.2L(318)	325	24	153-5656	3T-5857	9X-1383
V8, 5.9L(360)	425	25	—	8C-3600	145-4517
1978-73 V8, 318	325	24	153-5656	3T-5857	9X-1383
<b>Daytona, Dynasty (Canada)</b>					
1994-92 4-cyl., 2.5L	580	34	153-5656 =	127-0826	3T-5857 =
V6, 3.0L, 3.3L	500	34	153-5656 =	127-0826	3T-5857 =
1991 Daytona: 4-cyl. ex. Turbo	625	34	153-5656 =	127-0826	3T-5857 =
Turbo	500	34	153-5656 =	127-0826	3T-5857 =
V6, 3.0L	625	34	153-5656 =	127-0826	3T-5857 =
Dynasty: 4-cyl., 2.5L	625	34	153-5656 =	127-0826	3T-5857 =
V6, 3.0L, 3.3L	500	34	153-5656 =	127-0826	3T-5857 =
1990-88 All	500	34	153-5656 =	127-0826	3T-5857 =
1987-85 Daytona	400	34	153-5656 =	127-0826	3T-5857 =
1984 Daytona	370	25	—	8C-3600	145-4517
<b>Imperial</b>					
1993-90 All	625	34	153-5656 =	127-0826	3T-5857 =
1983-76 All	500	24	153-5656	127-0826	3T-5857
1975-53 All	500	27	153-5656	8C-3601	127-0824
<b>TC by Maserati</b>					
1991-89 All	500	34	153-5656 =	127-0826	3T-5857 =

MAKE EQUIPMENT TYPE YEAR/MODEL	CCA @ 0°F	O.E. BCI NO.	PREMIUM HIGH OUTPUT	GENERAL SERVICE	
				(U.S. ONLY)	
<b>CITROEN</b>					
1972-61 DS-19 & 19A, DS-21 & 21A, SW-19A & 21A, D-Spl	340	24	153-5656	3T-5857	9X-1383
1967-63 AMI-6	250	22F	—	3T-5859	9X-1384
1960-56 All 6 Volt	340	19L	—	8C-3617 Ω	—
All 12 Volt	340	24	153-5656	3T-5857	9X-1383
<b>CROSLEY</b>					
1952-39 All	500	1	—	8C-3617	8T-9734
<b>DAEWOO</b>					
2000-99 Lanos	525	86	—	8C-3600	—
2000-99 Leganza, Nubira	630	86	—	8C-3600	—
<b>DATSUN</b>					
See "NISSAN/DATSUN"					
<b>DELOREAN</b>					
1982-81 All	535	74	153-5660	—	—
<b>DE SOTO</b>					
1961-56 All	410	24	153-5656	3T-5857	9X-1383
1955-36 All	550	2	153-5690	8C-3629	8C-3617
<b>DIAHATSU</b>					
1992-88 Charade	525 a,f	26R	—	3T-5859 ¥	145-4518
<i>a Best fit estimate. See note on page 1 and note above.</i>					
<i>f Watch polarity and clearance! Check terminal post arrangement carefully. Production varied. Vehicle could have been delivered with reverse terminal battery. Cable change may be necessary. Check BEFORE installation.</i>					
<b>DODGE</b>					
<b>Aries, Dynasty, Lancer, 400</b>					
1993-92 Dynasty: 4-cyl., 2.5L	580	34	153-5656 =	127-0826	3T-5857 =
V6, 3.0L, 3.3L	500	34	153-5656 =	127-0826	3T-5857 =
1991 Dynasty: 4-cyl., 2.5L	625	34	153-5656 =	127-0826	3T-5857 =
V6, 3.0L, 3.3L	500	34	153-5656 =	127-0826	3T-5857 =
1990-88 All	500	34	153-5656 =	127-0826	3T-5857 =
1987 4-cyl., 2.2L ex. Canada	325	26	—	8C-3600	—
Canada, optional	500	34	153-5656 =	127-0826	3T-5857 =
4-cyl., 2.5L	500	34	153-5656 =	127-0826	3T-5857 =
1986-83 All	370	26	—	8C-3600	—
1982-81 4-cyl.	325	26	—	8C-3600	—
1962-61 Lancer	340	24	153-5656	3T-5857	9X-1383
<b>Aspen, Diplomat, Mirada, St. Regis</b>					
1989-85 Diplomat	500	34	153-5656 =	127-0826	3T-5857 =
1984-81 All	500	34	153-5656 =	127-0826	3T-5857 =
1980 6-cyl. Aspen	325	24	153-5656	3T-5857	9X-1383
Others	425	25	—	8C-3600	145-4517
V8, 5.2L(318)	325	24	153-5656	3T-5857	9X-1383
V8, 5.9L(360)	425	25	—	8C-3600	145-4517
1979 6-cyl.	375	24	153-5656	3T-5857	9X-1383
V8, 5.2L(318)	325	24	153-5656	3T-5857	9X-1383
V8, 5.9L(360)	425	25	—	8C-3600	145-4517
1978-76 6-cyl., V8, 318	375	24	153-5656	3T-5857	9X-1383
V8, 360	440	27	153-5656	8C-3601	127-0824

**PROPOSITION 65 WARNING:** Battery posts, terminals and related accessories contain lead and lead compounds, chemicals known to the state of California to cause cancer and reproductive harm. **Wash hands after handling.**

**IMPORTANT NOTE: BATTERIES CAN EXPLODE! Always wear safety glasses AND shield eyes when working around batteries. Always check for proper polarity and sufficient terminal clearance BEFORE final installation to avoid dangerous sparks, potential explosion, possible severe personal injury and/or expensive electrical system and/or vehicle/equipment damage. Always check for proper polarity and sufficient clearances before connecting cables and closing hood or covers.**

MAKE EQUIPMENT TYPE YEAR/MODEL	CCA @ 0°F	O. E. BCI NO.	PREMIUM HIGH OUTPUT	GENERAL SERVICE	
				(U.S. ONLY)	
<b>Avenger</b>					
2000-95 All	525	86	—	8C-3600	—
<b>Challenger, Coronet, Custom, Dart, Demon, Sport, Swinger</b>					
1983 All ex. Canada	425 a	25	—	8C-3600	145-4517
Canada	500 a	24	153-5656	3T-5857	9X-1383
1982-80 2600	460 a	24	153-5656	3T-5857	9X-1383
1979-78 1600, 2000, 2600	375 a	24	153-5656	3T-5857	9X-1383
1977-75 V8, 318	305	24	153-5656	3T-5857	—
V8, 360, 400 & opt.	500	27	153-5656	8C-3601	127-0824
1974-56 All	440	24	153-5656	3T-5857	9X-1383
1955-36 All	500	1	—	8C-3617	8T-9734
<i>a Best fit estimate. See note on page 1 and note above.</i>					
<b>Charger, Magnum, Omni, Rampage, Shadow, 024</b>					
1994-91 Shadow	580	34	153-5656 ≈	127-0826	3T-5857 ≈
1991 Shadow 4-cyl., 2.5L	625	34	153-5656 ≈	127-0826	3T-5857 ≈
1990-88 Omni, Shadow	500	34	153-5656 ≈	127-0826	3T-5857 ≈
1987 All ex. Turbo	370	25	—	8C-3600	145-4517
Turbo & optional	500	34	153-5656 ≈	127-0826	3T-5857 ≈
1986-80 All	425	26	—	8C-3600	—
1979-67 All	500	24	153-5656	3T-5857	9X-1383
<b>Colt, Colt Vista, Conquest</b>					
1996-95 Colt, All ex. below	490	25	—	8C-3600	145-4517
Colt Wagon 2.4L	580 a	24	153-5656	3T-5857	9X-1383
1994-93 Colt: U.S.	435	51	—	—	—
Canada	580	24	153-5656	3T-5857	9X-1383
1992 Colt	425 a	25	—	8C-3600	145-4517
Wagon, 2.4L	580 a	24	153-5656	3T-5857	9X-1383
1991 Colt ex. Vista	425 a	25	—	8C-3600	145-4517
1991-84 Vista ex. Canada	435	51	—	—	—
Canada	425 a	25	—	8C-3600	145-4517
1990 Colt	435	51	—	—	—
Canada	420	25	—	8C-3600	145-4517
1989-87 Colt	370 a	25	—	8C-3600	145-4517
1986-84 Colt Vista & Conquest	435 a	51	—	—	—
1986-83 Colt ex. Canada	425 a	25	—	8C-3600	145-4517
Canada	500 a	24	153-5656	3T-5857	9X-1383
1982-78 2600 ex. Canada	375 a	24	153-5656	3T-5857	9X-1383
2600 Canada & wagon	460 a	24	153-5656	3T-5857	9X-1383
FWD	390 a	24	153-5656	3T-5857	9X-1383
1979-78 1600, 2000, FWD	325 a	24	153-5656	3T-5857	—
1977-71 All	375 a	24	153-5656	3T-5857	9X-1383
<i>a Best fit estimate. See note on page 1 and note above.</i>					
<b>Daytona</b>					
1993-91 All	625	34	153-5656 ≈	127-0826	3T-5857 ≈
1990-85 All	500	34	153-5656 ≈	127-0826	3T-5857 ≈
1984 All	370	25	—	8C-3600	145-4517
Optional, Canada only	500	24	153-5656	3T-5857	9X-1383
<b>Intrepid</b>					
2000-98 V6 2.7L	500	34	153-5656 ≈	127-0826	3T-5857 ≈
V6 3.2L	600	34	153-5656 ≈	127-0826	3T-5857 ≈
1997-93 All	600	34	153-5656 ≈	127-0826	3T-5857 ≈

MAKE EQUIPMENT TYPE YEAR/MODEL	CCA @ 0°F	O. E. BCI NO.	PREMIUM HIGH OUTPUT	GENERAL SERVICE	
				(U.S. ONLY)	
<b>Monaco, Polara, 330, 440, 880</b>					
1992-90 Monaco, All	625	34	153-5656 ≈	127-0826	3T-5857 ≈
1978-60 6-cyl.	375	24	153-5656	3T-5857	9X-1383
V8, all optional	500	27	153-5656	8C-3601	127-0824
<b>Neon</b>					
2000-99 All	440	26R	—	3T-5859 ¥	145-4518
1999 All optional	540	26R	—	145-4518	—
1998-95 All	450 r	58	175-4280	8C-3612	—
<i>r Battery installation is moderately difficult. Expect to take 15 to 30 minutes to install.</i>					
<b>Spirit</b>					
1995-91 All	580	34	153-5656 ≈	127-0826	3T-5857 ≈
1990-89 All	500	34	153-5656 ≈	127-0826	3T-5857 ≈
<b>Stealth, Stratus, Viper</b>					
2000-95 Stratus	510 g,s	75	—	7X-6100	—
2000-98 Viper	650	78	153-5660 ≈	127-0826 ≈	7X-6100
1996-94 Stealth	520	25	—	8C-3600	145-4517
1996-93 Viper	770 g	78	—	127-0826 ≈	—
1993-91 Stealth	500 a	24	153-5656	3T-5857	9X-1383
<i>a Best fit estimate. See note on page 1 and note above.</i>					
<i>g Hood or cover clearance may not be sufficient. Be sure to check height clearance and polarity carefully before installation to avoid sparks, explosion, personal injury and vehicle damage.</i>					
<i>s Battery installation is difficult. May take up to 45 minutes to install.</i>					
<b>600</b>					
1988-87 All	500	34	153-5656 ≈	127-0826	3T-5857 ≈
1986-85 All ex. Turbo	325	26	—	8C-3600	—
Turbo & optional	500	34	153-5656 ≈	127-0826	3T-5857 ≈
1984-83 All	370	25	—	8C-3600	145-4517
All optional	500	24	153-5656	3T-5857	9X-1383
<b>EAGLE</b>					
1998-97 Talon 4-cyl. 2.0L Turbo	525	86	—	8C-3600	—
1997-95 Talon w/ AT	525	86	—	8C-3600	—
w/ MT	425	86	—	8C-3600	—
1997-93 Vision	600	34	153-5656 ≈	127-0826	3T-5857 ≈
1996-94 Summit 1.5L	435 a	51	—	—	—
Summit Wagon: 1.8L	350 a	25	—	8C-3600	145-4517
2.4L	490 a	24	153-5656	3T-5857	9X-1383
Canada	580	24	153-5656	3T-5857	9X-1383
1994-93 Talon: ex. Canada	425	86	—	8C-3600	—
Canada & others	525	86	—	8C-3600	—
1993 Summit ex. Wagon: 1.5 L	435	51	—	—	—
1.8 L	435	51	—	—	—
1993-92 Summit wagon: 1.8L	350 a	25	—	8C-3600	145-4517
2.4L	490 a	24	153-5656	3T-5857	9X-1383
1992 Premier	580 a	34	153-5656 ≈	127-0826	3T-5857 ≈
Summit: Hatchback	350 a	25	—	8C-3600	145-4517
Sedan	425 a	25	—	8C-3600	145-4517
Talon	525 a	86	—	8C-3600	—
1991 Summit	350 a	25	—	8C-3600	145-4517
1991-90 Talon	425 a	86	—	8C-3600	—
1991-89 Premier	500	34	153-5656 ≈	127-0826	3T-5857 ≈
1990-89 Summit	435 a	51	—	—	—
1989-88 Medallion	375	34	153-5656 ≈	127-0826	3T-5857 ≈

**PROPOSITION 65 WARNING:** Battery posts, terminals and related accessories contain lead and lead compounds, chemicals known to the state of California to cause cancer and reproductive harm. **Wash hands after handling.**



# PASSENGER CAR EAGLE — FORD

**IMPORTANT NOTE: BATTERIES CAN EXPLODE! Always wear safety glasses AND shield eyes when working around batteries. Always check for proper polarity and sufficient terminal clearance BEFORE final installation to avoid dangerous sparks, potential explosion, possible severe personal injury and/or expensive electrical system and/or vehicle/equipment damage. Always check for proper polarity and sufficient clearances before connecting cables and closing hood or covers.**

MAKE EQUIPMENT TYPE YEAR/MODEL	CCA @ 0°F	O.E. BCI NO.	PREMIUM HIGH OUTPUT	GENERAL SERVICE	
				(U.S. ONLY)	
<b>EAGLE (continued)</b>					
1988 Eagle Wagon	450	55	—	8C-3611	—
Premier	400	58	175-4280	—	—
Optional	520	34	153-5656 =	127-0826	3T-5857 =
1987-80 See "AMERICAN MOTORS"					
a Best fit estimate. See note on page 1 and note above.					
<b>EDSEL</b>					
1960-58 All	335	22NF	—	3T-5859 ∞	9X-1384 ∞
<b>FERARRI</b>					
1966-58 All ex. below	500	27F	—	8C-3602	3T-5858
300 (1966)	450	24	153-5656	3T-5857	9X-1383
<b>FIAT</b>					
1982-62 All	315	24	153-5656	3T-5857	—
1961-57 500, 600, 1100	200	c 22NF	—	3T-5859 ∞	9X-1384 ∞
c Hold-down, tray and/or cables may require modification or replacement to accommodate replacement battery. Watch polarity! Check BEFORE installation.					
<b>FORD</b>					
<b>Anglia, Consul, Cortina, Perfect, Thames, Zodiac</b>					
1973-72 All	340	c 24F	—	3T-5858	9X-1382
1971-64 All	290	c 22NF	—	3T-5859 ∞	9X-1384 ∞
1965-63 Zodiac	340	27F	—	8C-3602	3T-5858
1954-46 Anglia, Perfect, Thames	500	1	—	8C-3617	8T-9734
c Hold-down, tray and/or cables may require modification or replacement to accommodate replacement battery. Watch polarity! Check BEFORE installation.					
<b>Aspire, Festiva, Fiesta</b>					
1996-94 Aspire All	460	35	—	3T-5859 ¥	145-4518
1993-88 Festiva All	390	35	—	3T-5859	145-4518
1981-78 Fiesta All	350	c,p 42	—	8C-3605 π	—
c Hold-down tray and/or cables may require modification or replacement to accommodate replacement battery. Watch polarity! Check BEFORE installation. p Original battery has special terminals. Cable change is necessary.					
<b>Contour</b>					
2000-95 All	590	40R	—	8C-3605	—
<b>Crown Victoria, Custom, Galaxie, LTD, LTD II, XL</b>					
2000-96 Crown Victoria: U.S.	650	65	—	9X-5408	—
Optional, Canada & Police	750	65	—	9X-5408	—
Natural Gas Vehicle	850	65	—	9X-5408	—
1996-92 Crown Victoria	540	58	175-4280	—	—
1997-92 Optional, cold climate	650	65	—	9X-5408	—
All w/ heated windshield, LPG, or Police Pkg.	850	65	—	9X-5408	—
1991-88 Crown Victoria: V8, 5.0L	540	58	175-4280	—	—
Optional & V8, 5.8L	650	65	—	9X-5408	—
All w/ heated windshield, or Police Pkg.	850	65	—	9X-5408	—
1987-86 Crown Victoria: V8, 5.0L	450	63	—	8C-3611	—
Optional & V8, 5.8L	535	64	—	8C-3611	—

MAKE EQUIPMENT TYPE YEAR/MODEL	CCA @ 0°F	O.E. BCI NO.	PREMIUM HIGH OUTPUT	GENERAL SERVICE	
				(U.S. ONLY)	
<b>Crown Victoria, Custom, Galaxie, LTD, LTD II, XL (continued)</b>					
1986 LTD	450	63	—	8C-3611	—
1985-83 LTD: 4-cyl.	380	62	—	8C-3611	—
Police & Taxi Pkg.	455	24F	—	3T-5858	9X-1382
6-cyl., 3.3L(200) (1983)	380	62	—	8C-3611	—
V6, 3.8L	380	62	—	8C-3611	—
All optional & LPG	450	63	—	8C-3611	—
V8, 5.0L	450	63	—	8C-3611	—
V8 Police & Taxi	455	24F	—	3T-5858	9X-1382
Crown Victoria: V8, 5.0L	450	63	—	8C-3611	—
V8, 5.8L	535	64	—	8C-3611	—
Police & Trailer Tow	475	64	—	8C-3611	—
1982-80 V8, All	380	62	—	8C-3611	—
All optional	475	64	—	8C-3611	—
1979 V8	450	56	—	8C-3611	—
Optional	475	64	—	8C-3611	—
Optional LTD II	455	24F	—	3T-5858	9X-1382
1978 All ex. V8, 460	450	56	—	8C-3611	—
Optional & V8, 460	455	24F	—	3T-5858	9X-1382
1977-69 6-cyl., V8, 302, 351	290	22F	—	3T-5859	9X-1384
All others	430	24F	—	3T-5858	9X-1382
1962-56 All	335	22NF	—	3T-5859 ∞	9X-1384 ∞
1955-47 All 6 Volt	550	2	153-5690	8C-3629	8C-3617
<b>Escort, EXP, Focus</b>					
2000 Focus	500	96R	—	8C-3605	—
Optional	540	40R	—	8C-3605	—
1998-97 All Escort	540	58	175-4280	—	—
1996-91 All	525	35	—	3T-5859 ¥	145-4518
1990-87 All	540	58	175-4280	—	—
1987-81 Diesel	1000	d 33	115-2422	—	—
1986-81 All ex. Diesel	460	58	175-4280	—	—
d Battery may be vented to outside of vehicle. For passenger safety, be sure to vent battery gasses to outside if required!					
<b>Fairlane, Torino, Elite</b>					
1979-78 All	450	55	—	8C-3611	—
1977-63 All	455	24F	—	3T-5858	9X-1382
1962 All	330	22F	—	3T-5859	9X-1384
<b>Fairmont</b>					
1983-80 All ex. Police, Taxi	450	63	—	8C-3611	—
Police & Taxi & V8	455	24F	—	3T-5858	9X-1382
1979-78 All	450	56	—	8C-3611	—
<b>Falcon</b>					
1970-60 All	290	22F	—	3T-5859	9X-1384
<b>Granada</b>					
1982-80 All	450	63	—	8C-3611	—
1979-78 All	310	54	—	8C-3611	—
All optional	450	56	—	8C-3611	—
1977-75 All	350	22F	—	3T-5859	9X-1384
<b>Maverick</b>					
1977-70 All	330	22F	—	3T-5859	9X-1384

**PROPOSITION 65 WARNING:** Battery posts, terminals and related accessories contain lead and lead compounds, chemicals known to the state of California to cause cancer and reproductive harm. **Wash hands after handling.**

BATTERY SAFETY  
CATERPILLAR EQUIP.  
INDUSTRIAL EQUIPMENT  
FARM EQUIPMENT  
TRUCKS & BUSES  
AUTO & LTV  
L & G / SMALL ENGINE  
REFERENCE

# PASSENGER CARS FORD — HENRY J

**IMPORTANT NOTE: BATTERIES CAN EXPLODE! Always wear safety glasses AND shield eyes when working around batteries. Always check for proper polarity and sufficient terminal clearance BEFORE final installation to avoid dangerous sparks, potential explosion, possible severe personal injury and/or expensive electrical system and/or vehicle/equipment damage. Always check for proper polarity and sufficient clearances before connecting cables and closing hood or covers.**

MAKE EQUIPMENT TYPE YEAR/MODEL	CCA @ 0°F	O.E. BCI NO.	PREMIUM HIGH OUTPUT	GENERAL SERVICE	
				(U.S. ONLY)	
<b>Mustang, Mustang II</b>					
2000-97 All	540	59	—	9X-5408 Ω	—
1996-87 All	540	58	175-4280	—	—
1986-80 All	450	63	—	8C-3611	—
1979-78 All	450	56	—	8C-3611	—
1977-65 All 6-cyl.	330	22F	—	3T-5859	9X-1384
Optional & V8	455	24F	—	3T-5858	9X-1382
<b>Pinto</b>					
1980 All	450	63	—	8C-3611	—
1979-78 All	450	56	—	8C-3611	—
1977-71 All	330	22F	—	3T-5859	9X-1384
<b>Probe</b>					
1997-93 All	580	f 58R	175-4280	—	—
1992-90 4-cyl., 2.2L	500	56	—	8C-3611	—
V6, 3.0L	580	f 58R	175-4280	—	—
1989 All	500	56	—	8C-3611	—
<b>Taurus</b>					
2000-99 V6, 3.0L ex. w/ DOHC	540	f 58R	175-4280	—	—
Optional for above & Canada	600	36R	—	—	—
1999 V6, 3.0L DOHC & 3.4L SHO	600	36R	—	—	—
1998-96 V6 3.0L ex. DOHC	540	f 58R	175-4280	—	—
Optional & Canada	650	36R	—	—	—
V6 3.0L DOHC, V6 3.4L SHO	650	36R	—	—	—
1996 3.0L w/Vulcan eng.	540	f 58R	175-4280	—	—
1997-96 Optional & Canada	650	36R	—	—	—
1997-96 3.0L Module & 3.4L SHO	650	36R	—	—	—
1995-93 V6, 3.0L ex. SHO	540	58	175-4280	—	—
Optional	650	65	—	9X-5408	—
V6, 3.0L, 3.2L SHO	650	34	153-5656 ≈	127-0826	3T-5857 ≈
V6, 3.8L	650	65	—	9X-5408	—
Optional & Police Pkg.	850	65	—	9X-5408	—
1992 V6, 3.0L ex. SHO	540	58	175-4280	—	—
V6, 3.0L SHO	650	34	153-5656 ≈	127-0826	3T-5857 ≈
V6, 3.8L	650	65	—	9X-5408	—
1991 4-cyl., 2.5L	650	65	—	9X-5408	—
V6, 3.8L ex. wagon	850	65	—	9X-5408	—
V6, 3.8L wagon	650	65	—	9X-5408	—
1991-90 V6, 3.0L ex. SHO	540	58	175-4280	—	—
Optional, heated windshield or Police Pkg.	850	65	—	9X-5408	—
V6, 3.0L SHO	650	34	153-5656 ≈	127-0826	3T-5857 ≈
1990 4-cyl., 2.5L w/ MT	540	58	175-4280	—	—
4-cyl., 2.5L w/ AT	650	65	—	9X-5408	—
V6, 3.8L	850	65	—	9X-5408	—
1989 4-cyl., 2.5L, V6, 3.8L	850	65	—	9X-5408	—
V6, 3.0L ex. SHO	540	58	175-4280	—	—
All w/ heated windshield or Police Package	850	65	—	9X-5408	—
V6, 3.0L SHO	650	34	153-5656 ≈	127-0826	3T-5857 ≈
1988-86 4-cyl., 2.5L w/ MT	540	58	175-4280	—	—
4-cyl., 2.5L w/ AT	850	65	—	9X-5408	—
V6, 3.0L	650	65	—	9X-5408	—
V6, 3.8L & all optional	850	65	—	9X-5408	—
V6 (1987-86)	540	58	175-4280	—	—
All w/ heated windshield	850	65	—	9X-5408	—

MAKE EQUIPMENT TYPE YEAR/MODEL	CCA @ 0°F	O.E. BCI NO.	PREMIUM HIGH OUTPUT	GENERAL SERVICE	
				(U.S. ONLY)	
<b>Tempo</b>					
1994-87 All	540	58	175-4280	—	—
1986-84 All ex. Diesel	460	58	175-4280	—	—
4-cyl., 2.0L Diesel	1000	d 33	115-2422	—	—
<i>d Battery may be vented to outside of vehicle. For passenger safety, be sure to vent battery gasses to outside if required!</i>					
<i>f Watch polarity and clearance! Check terminal post arrangement carefully. Production varied. Vehicle could have been delivered with reverse terminal battery. Cable change may be necessary. Check BEFORE installation.</i>					
<b>Thunderbird</b>					
1997 V6, 3.8L	540	59	—	9X-5408 Ω	—
1997-93 Optional & Canada	650	65	—	9X-5408	—
V8 4.6L	650	65	—	9X-5408	—
1996-93 V6, 3.8L:					
ex. Supercharged w/AT	540	58	175-4280	—	—
Supercharged w/ AT	650	65	—	9X-5408	—
1992-88 All ex. below	540	58	175-4280	—	—
Optional & AT	650	65	—	9X-5408	—
Canada, cold climate	650	65	—	9X-5408	—
V8, 5.0L	650	65	—	9X-5408	—
1987 4-cyl. Turbo	540	58	175-4280	—	—
V6, 3.8L	450	63	—	8C-3611	—
V8, 5.0L	540	58	175-4280	—	—
Optional	850	65	—	9X-5408	—
1986 V8, 5.0L	535	64	—	8C-3611	—
Optional	850	65	—	9X-5408	—
1986-84 V6, 3.8L	450	63	—	8C-3611	—
1986-83 4-cyl. Turbo	450	63	—	8C-3611	—
Auto. Trans.	535	64	—	8C-3611	—
1985-83 V8, 3.8L	450	63	—	8C-3611	—
1983-80 All	450	63	—	8C-3611	—
1979-78 All	380	55	—	8C-3611	—
All optional	440	24F	—	3T-5858	9X-1382
1977-65 6-cyl., V8, 302	290	22F	—	3T-5859	9X-1384
V8, 428, 429 & AC	435	27F	—	8C-3602	3T-5858
All others	340	24F	—	3T-5858	9X-1382
1964-56 All	335	22NF	—	3T-5859 ∞	9X-1384 ∞
1955 All	400	2N	—	153-5690 #	8C-3629 #
<b>FRAZER</b>					
1951-47 All	450	1	—	8C-3617	8T-9734
<b>GEO</b>					
2000-95 Metro	390	a 26R	—	3T-5859	145-4518
2000-90 Prizm	310	35	—	3T-5859	145-4518
1994-90 Metro	425	a 26	—	8C-3600	—
1989 Metro (Sprint)	400	a 45	—	—	—
Prizm (Nova)	370	a 35	—	3T-5859	145-4518
Spectrum	410	a 21R	—	3T-5859 π	145-4518 π
<i>a Best fit estimate. See note on page 1 and note above.</i>					
<b>GOLIATH</b>					
1961-56 All	425	c 19L	—	8C-3617 Ω	—
<i>c Hold-down, tray and/or cables may require modification or replacement to accommodate replacement battery. Watch polarity! Check BEFORE installation.</i>					
<b>HENRY J</b>					
1954-51 All	450	1	—	8C-3617	8T-9734

**PROPOSITION 65 WARNING:** Battery posts, terminals and related accessories contain lead and lead compounds, chemicals known to the state of California to cause cancer and reproductive harm. **Wash hands after handling.**

Refer to page 110 for explanation of Passenger Car, Light Truck, Van & Mini-Van replacement footnotes.





# PASSENGER CAR HILLMAN — KIA

**IMPORTANT NOTE: BATTERIES CAN EXPLODE! Always wear safety glasses AND shield eyes when working around batteries. Always check for proper polarity and sufficient terminal clearance BEFORE final installation to avoid dangerous sparks, potential explosion, possible severe personal injury and/or expensive electrical system and/or vehicle/equipment damage. Always check for proper polarity and sufficient clearances before connecting cables and closing hood or covers.**

MAKE EQUIPMENT TYPE YEAR/MODEL	CCA @ 0°F	O.E. BCI NO.	PREMIUM HIGH OUTPUT	GENERAL SERVICE	
				(U.S. ONLY)	
<b>HILLMAN</b>					
1966-66 All	340	24	153-5656	3T-5857	9X-1383
<b>HONDA</b>					
2000 S2000 Sports Car	430	51	—	—	—
2000-98 Accord: 4-cyl. V6	450 500	35 24	— 153-5656	3T-5859 3T-5857	145-4518 9X-1383
2000-98 Prelude	550	24F	—	3T-5858	9X-1382
2000-95 Odyssey	550	24F	—	3T-5858	9X-1382
2000-92 Civic, Del Sol	410	g,i 51R	—	—	—
1997-96 All Accords & Preludes	550	24	153-5656	3T-5857	9X-1383
1995-92 Accord, Prelude	585	a 24F	—	3T-5858	9X-1382
1993-90 Accord	525	24	153-5656	3T-5857	9X-1383
1991-90 Civic, CRX	410	51	—	—	—
1991-90 Prelude	585	a 24	153-5656	3T-5857	9X-1383
1989-86 Civic	410	c 51	—	—	—
1989-84 Accord	405	a,c 26	—	8C-3600	—
CRX	410	c 51	—	—	—
1989-83 Prelude	405	a,n 26	—	8C-3600	—
1985-83 Civic	410	c,n 51	—	—	—
1983 Accord: Early	410	c,n 51	—	—	—
Late	405	a,c 26	—	8C-3600	—
1982-70 All	410	a 45	—	—	—

- a Best fit estimate. See note on page 1 and note above.
- c Hold-down, tray and/or cables may require modification or replacement to accommodate replacement battery. Watch polarity! Check BEFORE installation.
- g Hood or cover clearance may not be sufficient. Be sure to check height clearance and polarity carefully before installation to avoid sparks, explosion, personal injury and vehicle damage.
- i Reverse terminal battery required. Cable change may be necessary. Watch polarity carefully. Check BEFORE installation.
- n See vehicle manufacturer's service bulletin for retrofit information. A spacer kit may be required.

<b>HUDSON</b>					
1957-56 All	340	24	153-5656	3T-5857	9X-1383
1955 All	450	1	—	8C-3617	8T-9734
1954-53 Jet	450	1	—	8C-3617	8T-9734
1954-48 All ex. Jet	400	2L	153-5690 =	8C-3629 =	8C-3617 =

<b>HYUNDAI</b>					
2000-99 Sonata 4 cyl. Sonata V6	540 535	a a 24F	— —	3T-5859 ¥ 3T-5858	145-4518 9X-1382
2000-95 All Accent Optional & Canada	410 580	a a 24F	— —	— 3T-5858	— 9X-1382
2000-97 Tiburon	600	a 24F	—	3T-5858	9X-1382
2000-92 Elantra: ex. Canada Optional & Canada	425 580	a,f a 24	— 153-5656	8C-3600 3T-5857	145-4517 9X-1383
1998-89 Sonata ex. Canada: 4-cyl. V6, 3.0L & Optional Sonata Canada	425 580 580	a 24 24	— 153-5656 153-5656	8C-3600 3T-5857 3T-5857	145-4517 9X-1383 9X-1383
1995-94 Scoupe: ex. Canada Canada	435 530	51 24	— 153-5656	— 3T-5857	— 9X-1383
1994-89 Excel Canada	530	24	153-5656	3T-5857	9X-1383
1994-86 Excel ex. Canada	420	f 25	—	8C-3600	145-4517
1993-91 Scoupe	420	25	—	8C-3600	145-4517
1988-86 Excel Canada	420	45	—	—	—
1987 Stellar	420	45	—	—	—
1987-84 Pony	420	45	—	—	—
1986-85 Stellar	330	22NF	—	3T-5859 ∞	9X-1384 ∞

- a Best fit estimate. See note on page 1 and note above.
- f Watch polarity and clearance! Check terminal post arrangement carefully. Production varied. Vehicle could have been delivered with reverse terminal battery. Cable change may be necessary. Check BEFORE installation.

MAKE EQUIPMENT TYPE YEAR/MODEL	CCA @ 0°F	O.E. BCI NO.	PREMIUM HIGH OUTPUT	GENERAL SERVICE	
				(U.S. ONLY)	
<b>INFINITI</b>					
2000 All I30	585	24F	—	3T-5858	9X-1382
2000-99 G20: U.S.	360	21R	—	3T-5859 π	145-4518 π
1999 G20: Canada	585	24F	—	3T-5858	9X-1382
2000-97 Q45	585	24	153-5656	3T-5857	9X-1383
1999-96 I30 ex Calif. Cold pkg., opt & Canada California	350 585 415	a a 24F 24F	— — —	3T-5859 3T-5858 3T-5858	145-4518 9X-1382 9X-1382
1997-96 J30	585	m 24	153-5656	3T-5857	9X-1383
1995-93 J30	535	a,m 24	153-5656	3T-5857	9X-1383
1996-91 G20 ex. Calif. Calif.	585 350	a,m,r a,m,r 35	— —	3T-5858 3T-5859	9X-1382 145-4518
1996-90 Q45	625	a,m 27	153-5656	8C-3601	127-0824
1992 M30 ex. convertible Convertible All optional	410 360 550	a a 25 a 24	153-5656 — 153-5656	3T-5857 8C-3600 3T-5857	9X-1383 145-4517 9X-1383
1991-90 M30	410	a 24	153-5656	3T-5857	9X-1383

- a Best fit estimate. See note on page 1 and note above.
- m Modification of heat shield and/or battery cover may be required.
- r Battery installation is moderately difficult. Expect to take 15 to 30 minutes to install.

<b>ISUZU</b>					
1993-90 Impulse, Stylus	380	a 35	—	3T-5859	145-4518
1989-88 Impulse w/ MT w/ AT	360 500	a a 24	— 153-5656	8C-3600 3T-5857	145-4517 9X-1383
1989-81 I-Mark ex. Diesel	320	a 21R	—	3T-5859 π	145-4518 π
1987-84 Impulse	370	a 24	153-5656	3T-5857	9X-1383
1985-81 I-Mark Diesel	500	a 24	153-5656	3T-5857	9X-1383

- a Best fit estimate. See note on page 1 and note above.

<b>JAGUAR</b>					
1996-91 All	500	a,c,d,g 47	—	8C-3605 π ≠	145-4518 ≠
1990-89 XJS, XJ6	500	a,c,d,g 47	—	8C-3605 π ≠	145-4518 ≠
1988-86 XJ6, XJS	580	a,c 34	153-5656 =	127-0826	3T-5857 =
1985-81 XJ6	505	74	153-5660	—	—
1985-75 XJS, XJ12	315	a,c 22F	—	3T-5859	9X-1384
1980-68 XJ6, XKE, 6-cyl.	350	a,c 22F	—	3T-5859	9X-1384
1967-62 Mark X & others	400	a,c 27	153-5656	8C-3601	127-0824
1961-50 Most models	350	a,c 17HF	—	8C-3617 π	—

- a Best fit estimate. See note on page 1 and note above.
- c Hold-down, tray and/or cable may require modification or replacement to accommodate replacement battery. Watch polarity! Check BEFORE installation.
- d Battery may be vented to outside of vehicle. For passenger safety, be sure to vent battery gasses to outside if required!
- g Hood or cover clearance may not be sufficient. Be sure to check height clearance and polarity carefully before installation to avoid sparks, explosion, personal injury and vehicle damage.

<b>KAISER</b>					
1955-47 All	525	c 1	—	8C-3617	8T-9734

- c Hold-down, tray and/or cable may require modification or replacement to accommodate replacement battery. Watch polarity! Check BEFORE installation.

<b>KIA</b>					
1997-93 Sephia	450	c 56	—	8C-3611	—

- c Hold-down, tray and/or cable may require modification or replacement to accommodate replacement battery. Watch polarity! Check BEFORE installation.

**PROPOSITION 65 WARNING:** Battery posts, terminals and related accessories contain lead and lead compounds, chemicals known to the state of California to cause cancer and reproductive harm. **Wash hands after handling.**

BATTERY SAFETY  
CATERPILLAR EQUIP.  
INDUSTRIAL EQUIPMENT  
FARM EQUIPMENT  
TRUCKS & BUSES  
AUTO & LTV  
L & G / SMALL ENGINE  
REFERENCE

**IMPORTANT NOTE: BATTERIES CAN EXPLODE!** Always wear safety glasses AND shield eyes when working around batteries. Always check for proper polarity and sufficient terminal clearance BEFORE final installation to avoid dangerous sparks, potential explosion, possible severe personal injury and/or expensive electrical system and/or vehicle/equipment damage. Always check for proper polarity and sufficient clearances before connecting cables and closing hood or covers.

MAKE EQUIPMENT TYPE YEAR/MODEL	CCA @ 0°F	O. E. BCI NO.	PREMIUM HIGH OUTPUT	GENERAL SERVICE		
				(U.S. ONLY)		
<b>LANCIA</b>						
1968-59 All ex. below	240	c	42	—	8C-3605 π	—
1962-59 Appia	240	c	21	—	8C-3600	—
1960-59 Aurelia	300	c	27	153-5656	8C-3601	127-0824
<i>c Hold-down, tray and/or cables may require modification or replacement to accommodate replacement battery. Watch polarity! Check BEFORE installation.</i>						
<b>LEXUS</b>						
2000-98 GS300, GS400	585		24	153-5656	3T-5857	9X-1383
2000-98 ES300	585		24F	—	3T-5858	9X-1382
2000-98 SC300	585		24F	—	3T-5858	9X-1382
2000-98 SC400	625		27F	—	8C-3602	3T-5858
2000-95 LS400	585	a	24F	—	3T-5858	9X-1382
1997-93 GS300	580	a	24F	—	3T-5858	9X-1382
1997-94 ES300	360	a	35	—	3T-5859	145-4518
Optional	585	a	24F	—	3T-5858	9X-1382
1997 SC300	585		24F	—	3T-5858	9X-1382
1996-92 SC300	450	a	27F	—	8C-3602	3T-5858
1997-92 SC400	625	r	27F	—	8C-3602	3T-5858
1994-90 LS400	625	a,m,r	27F	—	8C-3602	3T-5858
1991-90 ES250	360	a	35	—	3T-5859	145-4518
<i>a Best fit estimate. See note on page 1 and note above.</i> <i>m Modification of heat shield and/or battery cover may be required.</i> <i>r Battery installation is moderately difficult. Expect to take 15 to 30 minutes to install.</i>						
<b>LINCOLN</b>						
<b>Continental, LS6, LS8, Mark V, Mark VI, Mark VII, Mark VIII, Town Car, Versailles</b>						
2000-99 LS6 (V-6), LS8 (V-8)	650	d	66	—	—	—
Optional & Canada	750	d	66	—	—	—
2000-97 All Continental	750		65	—	9X-5408	—
1999-97 Mark VIII U.S.	650		65	—	9X-5408	—
1999-97 Optional & Canada	750		65	—	9X-5408	—
2000-89 Town Car	650		65	—	9X-5408	—
w/ heated windshield & optional	850		65	—	9X-5408	—
Limo	850		65	—	9X-5408	—
1996-89 Continental	850		65	—	9X-5408	—
1996-93 Mark VIII ex. Canada	650		65	—	9X-5408	—
Optional & Canada	850		65	—	9X-5408	—
1993-89 Mark VII	850		65	—	9X-5408	—
1989-88 Town Car: from 10-1-87	650		65	—	9X-5408	—
1988 Continental, Mark VII	850		65	—	9X-5408	—
1988-87 Continental: to 10-1-87	535		64	—	8C-3611	—
1987 Mark VII	850		65	—	9X-5408	—
Town Car to 10/1/87	535		64	—	8C-3611	—
1986 All	535		64	—	8C-3611	—
1985 Mark VII Diesel, LSC	850		65	—	9X-5408	—
All others	535		64	—	8C-3611	—
1984 All ex. Diesel	475		64	—	8C-3611	—
Diesel	850		65	—	9X-5408	—
1983 Continental, Town Car	475		24F	—	3T-5858	9X-1382
Mark VI	475		64	—	8C-3611	—
1982 Continental	450		63	—	8C-3611	—
Mark VI	475		64	—	8C-3611	—
1981 All	450		63	—	8C-3611	—
Optional	475		64	—	8C-3611	—
1980 Versailles	400		22F	—	3T-5859	9X-1384
Others	450		63	—	8C-3611	—

MAKE EQUIPMENT TYPE YEAR/MODEL	CCA @ 0°F	O. E. BCI NO.	PREMIUM HIGH OUTPUT	GENERAL SERVICE		
				(U.S. ONLY)		
<b>Continental, LS6, LS8, Mark V, Mark VI, Mark VII, Mark VIII, Town Car, Versailles (continued)</b>						
1979 Versailles	400		22F	—	3T-5859	9X-1384
Mark V	430		24F	—	3T-5858	9X-1382
Optional	550		24F	—	3T-5858	9X-1382
Continental	450		56	—	8C-3611	—
Optional	550		24F	—	3T-5858	9X-1382
1978-73 All	475		24F	—	3T-5858	9X-1382
1972 All ex. late Mark IV	455	g	29HR	115-2422	8C-3627	8C-3601
Late Mark IV	435		27F	—	8C-3602	3T-5858
1971-66 All	455	g	29HR	115-2422	8C-3627	8C-3601
1965-61 All	420		27F	—	8C-3602	3T-5858
1960-56 All	400	g	29HR	115-2422	8C-3627	8C-3601
1955-41 All	400		2N	—	153-5690 #	—
<i>d Battery may be vented to the outside of vehicle. For passenger safety, be sure to vent battery gasses to outside if required!</i> <i>g Hood or cover clearance may not be sufficient. Be sure to check height clearance and polarity carefully before installation to avoid sparks, explosion, personal injury and vehicle damage.</i>						
<b>LOTUS</b>						
1991 All	525		26R	—	3T-5859	145-4518
1971 Elans 4, 42, 2 Europa	525		24F	—	3T-5858	9X-1382
<b>MASERATI</b>						
<b>See "CHRYSLER"</b>						
<b>MAZDA</b>						
2000-95 Millenia: 2.3L	450		35	—	3T-5859	145-4518
Optional	585		24F	—	3T-5858	9X-1382
2.5L	350		35	—	3T-5859	145-4518
Optional	450		35	—	3T-5859	145-4518
2000-98 626	585		36R	—	—	—
2000-98 Protégé: 1.5L	310		21R	—	3T-5859 π	145-4518 π
1.8L & Optional	350		35	—	3T-5859	145-4518
1997-95 All	450	a,e	35	—	3T-5859	145-4518
Optional	585	a,e	24F	—	3T-5858	9X-1382
1996-93 RX-7 w/MT	360	a,e	35	—	3T-5859	145-4518
Optional & AT	495	a,e	24F	—	3T-5858	9X-1382
1997-93 MX-6, 626	580	a,e,f	58R	175-4280	—	—
Protégé	360	a,e	35	—	3T-5859	145-4518
1995-92 MX-3, Precidia	310	a,e	21R	—	3T-5859 π	145-4518 π
Optional & AT	360	a,e	35	—	3T-5859	145-4518
2000-90 Miata, MX5	320	a,e	spl	—	—	—
1995-92 929, Serenia	585	a,e	24F	—	3T-5858	9X-1382
Optional & Canada	585	a,e	24F	—	3T-5858	9X-1382
1994-86 323 ex. Calif.	360	a,e	35	—	3T-5859	145-4518
Calif.	310	a,e	21R	—	3T-5859 π	145-4518 π
1992-88 MX-6, 626	310	a,e	21R	—	3T-5859 π	145-4518 π
Optional	350	a,e	35	—	3T-5859	145-4518
1992-91 RX-7	405	a,e	35	—	3T-5859	145-4518
1991-90 Protegé ex. Calif.	350	a,e	35	—	3T-5859	145-4518
Calif.	310	a,e	21R	—	3T-5859 π	145-4518 π
1991-88 929	310	a,e	21R	—	3T-5859 π	145-4518 π
Optional & Canada	585	a,e	24F	—	3T-5858	9X-1382
1990-86 RX-7	360	a,e	35	—	3T-5859	145-4518
1987-86 323, 626	380	a,e	35	—	3T-5859	145-4518
1985 626 ex. Diesel	380	a,e	35	—	3T-5859	145-4518
Diesel	650	a,e	27F	—	8C-3602	3T-5858
1985-84 RX-7	405	a,e	35	—	3T-5859	145-4518
1985-81 GLC(FWD)	380	a,e	35	—	3T-5859	145-4518
Calif.	260	a,e	25	—	8C-3600	145-4517

**PROPOSITION 65 WARNING:** Battery posts, terminals and related accessories contain lead and lead compounds, chemicals known to the state of California to cause cancer and reproductive harm. **Wash hands after handling.**

BATTERY SAFETY  
CATERPILLAR EQUIP.  
INDUSTRIAL EQUIPMENT  
FARM EQUIPMENT  
TRUCKS & BUSES  
AUTO & LTV  
L & G / SMALL ENGINE  
REFERENCE



# PASSENGER CAR

## MAZDA — MERCURY

**IMPORTANT NOTE: BATTERIES CAN EXPLODE! Always wear safety glasses AND shield eyes when working around batteries. Always check for proper polarity and sufficient terminal clearance BEFORE final installation to avoid dangerous sparks, potential explosion, possible severe personal injury and/or expensive electrical system and/or vehicle/equipment damage. Always check for proper polarity and sufficient clearances before connecting cables and closing hood or covers.**

MAKE EQUIPMENT TYPE YEAR/MODEL	CCA @ 0°F	O.E. BCI NO.	PREMIUM HIGH OUTPUT	GENERAL SERVICE	
				(U.S. ONLY)	
<b>MAZDA (continued)</b>					
1984-83 626	405 a,e	35	—	3T-5859	145-4518
1983 GLC Wagon (RWD)	380 a,e	25	—	8C-3600	145-4517
RX-7	405 a,e	25	—	8C-3600	145-4517
1982-70 All	370 a,e	24	153-5656	3T-5857	9X-1383

a Best fit estimate. See note on page 1 and note above.

e Watch polarity! Check cables carefully BEFORE connection. Reversing terminals can cause battery explosions, serious injury and/or expensive electrical system damage.

f Watch polarity and clearance! Check terminal post arrangement carefully.

Production varied. Vehicle could have been delivered with reverse terminal battery. Cable change may be necessary. Check BEFORE installation.

<b>MERCEDES-BENZ</b>					
2000 SLK230	825	49	—	—	—
2000-99 C43, E55	825 d	49	—	—	—
2000-99 CLK430	825 d	49	—	—	—
2000-99 E320-4 (4-Matc), E320S-4 (4-Matc)	825 d	49	—	—	—
2000-99 S430	825 d	49	—	—	—
2000-98 CL500, CL600	825 d	49	—	—	—
2000-98 C230, C280, E200	825 d	49	—	—	—
2000-98 E300, E320, E320S, E430 (spill resistant battery only)	825	49	—	—	—
2000-98 CLK320, CLK320 Conv.	825 d	49	—	—	—
2000-99 ML320, ML430	825	49	—	—	—
2000-98 SL500, SL600	825	49	—	—	—
2000-97 SLK230	660	48	—	8C-3605	—
2000-96 S320, S320W, S320V, S420, S500 & all S600	825	49	—	—	—
1997-95 All ex. SLK Conv.	775 d	49	—	—	—
1998-97 SLK Conv.	660 d	48	—	8C-3605	—
1994 C220, C280, E320 ex. Cabriolet	570	48	—	8C-3605	—
All others	760	49	—	—	—
1993-92 300, 400, 500 & 600 Series	760	49	—	—	—
1993-90 190E	495	48	—	8C-3605	—
1992-90 300E, CE, SE, TE	495	48	—	8C-3605	—
300E, TE 4MATIC	495	48	—	8C-3605	—
1991-90 300 SEL	495	48	—	8C-3605	—
300D, 350SD, SDL	740	49	—	—	—
300SL, 500SL	740	49	—	—	—
420SEL	740	49	—	—	—
560SEC, 560SEL	740	49	—	—	—
1989-88 190E, 260E, 300 Series	495	48	—	8C-3605	—
190D, 420SEL	740	49	—	—	—
560SEC, SEL, SL	740	49	—	—	—
1987-86 190E, 260E, 300E	495	48	—	8C-3605	—
420SEL	520	48	—	8C-3605	—
190D, 300D, 300SDL, 560SL, 560SEC, 560SEL	740	49	—	—	—
1986-82 300D, CD, TD	740	49	—	8C-3605 †	—
1985 500SEC, SEL	495	48	—	8C-3605	—
1985-84 190D	560	48	—	8C-3605	—
190E	420 g	47	—	8C-3605 π ≠	145-4518 ≠
1985-81 380SE, SEC, SEL	495	48	—	8C-3605	—
380SL, SLC	650	49	—	—	—
1984-76 240D	650	49	—	—	—
1981-77 280E, CE, SE	420 g	47	—	8C-3605 π ≠	145-4518 ≠
1981-76 300D, CD, SD, TD	650	49	—	—	—
1980-77 450SEL, 6.9	495	48	—	8C-3605	—
450SL, SLC	650	49	—	—	—
1978-76 230	495	48	—	8C-3605	—

MAKE EQUIPMENT TYPE YEAR/MODEL	CCA @ 0°F	O.E. BCI NO.	PREMIUM HIGH OUTPUT	GENERAL SERVICE	
				(U.S. ONLY)	
<b>MERCEDES-BENZ (continued)</b>					
1976 280, 280C	495	48	—	—	8C-3605
450SE, SEL	650	49	—	—	—
1976-69 All others	460	41	—	—	8C-3605

d Battery may be vented to the outside of vehicle. For passenger safety, be sure to vent battery gasses to outside if required!

g Hood or cover clearance may not be sufficient. Be sure to check height clearance and polarity carefully before installation to avoid sparks, explosion, personal injury and vehicle damage.

<b>MERCURY</b>					
<b>Grand Marquis, Marauder, Marquis, Monterey</b>					
2000-97 Grand Marquis, U.S.	650	65	—	—	9X-5408
Optional & Canada	750	65	—	—	9X-5408
w/ Police Pkg	750	65	—	—	9X-5408
1996-91 All ex. below	540	58	175-4280	—	—
1997-91 Optional & Canada	650	65	—	—	9X-5408
w/ heated windshield	850	65	—	—	9X-5408
Police Package	850	65	—	—	9X-5408
Optional	540	58	175-4280	—	—
1990-88 Grand Marquis: V8, 5.0L	540	58	175-4280	—	—
Optional & '88 model	650	65	—	—	9X-5408
All w/ heated windshield	850	65	—	—	9X-5408
V8, 5.8L	650	65	—	—	9X-5408
1987-86 Grand Marquis	535	64	—	—	8C-3611
1986 Marquis	450	63	—	—	8C-3611
1985-84 Marquis	450	63	—	—	8C-3611
Police & Taxi only	455	24F	—	—	3T-5858 9X-1382
Grand Marquis: All	475	64	—	—	8C-3611
1983 Marquis All	450	63	—	—	8C-3611
Grand Marquis: V8, 5.0L	450	63	—	—	8C-3611
Optional & Trailer Tow	475	64	—	—	8C-3611
V8, 5.8L	475	64	—	—	8C-3611
1982-81 V8, 4.2L, 5.0L, 5.8L	380	62	—	—	8C-3611
All optional	475	64	—	—	8C-3611
1980 V8	380	62	—	—	8C-3611
1980-79 All optional	475	64	—	—	8C-3611
1979 V8	380	55	—	—	8C-3611
1978 V8, 351, 400	450	56	—	—	8C-3611
V8, 460 & optional	455	24F	—	—	3T-5858 9X-1382
1977-65 V8, 351, 390	330	22F	—	—	3T-5859 9X-1384
All others & optional	410	24F	—	—	3T-5858 9X-1382
1964-63 V8, 390, Taxi	335	22NF	—	—	3T-5859 ∞ 9X-1384 ∞
All others	370	24F	—	—	3T-5858 9X-1382
1962-56 All	335	22NF	—	—	3T-5859 ∞ 9X-1384 ∞
1955-47 All	400	2N	153-5690 #	—	8C-3629 #

<b>Bobcat</b>					
1980 All	450	63	—	—	8C-3611
1979-78 All	380	55	—	—	8C-3611
1977-74 All	330	22F	—	—	3T-5859 9X-1384

<b>Capri, Capri II</b>					
1994-91 All	460	35	—	—	3T-5859 † 145-4518
1986-80 All	450	63	—	—	8C-3611
1979-78 All	450	56	—	—	8C-3611
1977-73 All	345 c	42	—	—	8C-3605 π
1972-69 All	340	24F	—	—	3T-5858 9X-1382

c Hold-down tray and/or cables may required modification or replacement to accommodate replacement battery. Watch polarity! Check BEFORE installation.

<b>Comet</b>					
1977-60 All	330	22F	—	—	3T-5859 9X-1384

**PROPOSITION 65 WARNING:** Battery posts, terminals and related accessories contain lead and lead compounds, chemicals known to the state of California to cause cancer and reproductive harm. **Wash hands after handling.**

# PASSENGER CARS MERCURY — METEOR

**IMPORTANT NOTE: BATTERIES CAN EXPLODE!** Always wear safety glasses AND shield eyes when working around batteries. Always check for proper polarity and sufficient terminal clearance BEFORE final installation to avoid dangerous sparks, potential explosion, possible severe personal injury and/or expensive electrical system and/or vehicle/equipment damage. Always check for proper polarity and sufficient clearances before connecting cables and closing hood or covers.

MAKE EQUIPMENT TYPE YEAR/MODEL	CCA @ 0°F	O.E. BCI NO.	PREMIUM HIGH OUTPUT	GENERAL SERVICE	
				(U.S. ONLY)	
<b>Cougar, XR-7</b>					
2000-99 All Cougar	590	40R	—	8C-3605	—
1997-94 V8, 4.6L	650	65	—	9X-5408	—
1997-93 V6, 3.8L: ex. Canada	540	58	175-4280	—	—
Optional, Canada	650	65	—	9X-5408	—
1993-91 V8, 5.0L	650	65	—	9X-5408	—
1992-91 V6, 3.8L: ex. Canada	460	58	175-4280	—	—
Optional & AT	650	65	—	9X-5408	—
Canada, cold climate	650	65	—	9X-5408	—
1990-89 V6, 3.8L ex. supercharged, Canada	460	58	175-4280	—	—
Cold climate, Canada	650	65	—	9X-5408	—
Supercharged	650	65	—	9X-5408	—
1988 V6, 3.8L	460	58	175-4280	—	—
V8, 5.0L	650	65	—	9X-5408	—
Optional	850	65	—	9X-5408	—
1987 4-cyl. Turbo	540	58	175-4280	—	—
V6, 3.8L	450	63	—	8C-3611	—
V8, 5.0L	540	58	175-4280	—	—
Optional	850	65	—	9X-5408	—
1986 V8, 5.0L	535	64	—	8C-3611	—
Optional	850	65	—	9X-5408	—
1986-85 4-cyl.	535	64	—	8C-3611	—
V6	450	63	—	8C-3611	—
w/ Heated Seat, HBL, & optional	450	63	—	8C-3611	—
1985 V8, 5.0L	450	63	—	8C-3611	—
1984 4-cyl. Turbo w/ MT	450	63	—	8C-3611	—
Turbo w/ AT	475	64	—	8C-3611	—
V6, 3.8L	450	63	—	8C-3611	—
1983-80 All	450	63	—	8C-3611	—
1979-78 V8, 5.0L(302)	310	54	—	8C-3611	—
V8, 5.8L(351)	380	55	—	8C-3611	—
1977-67 V8, 302, 351	330	22F	—	3T-5859	9X-1384
All others & optional	410	24F	—	3T-5858	9X-1382
<b>Lynx, LN7</b>					
1987-81 All ex. diesel	540	58	175-4280	—	—
Diesel	1000	d 33	115-2422	—	—
<i>d Battery may be vented to outside of vehicle. For passenger safety, be sure to vent battery gasses to outside if required!</i>					
<b>Monarch</b>					
1980 All	450	63	—	8C-3611	—
1979-78 All	450	56	—	8C-3611	—
1977-75 All	350	22F	—	3T-5859	9X-1384
<b>Montego</b>					
1976-68 6-cyl., V8, 302, 351	330	22F	—	3T-5859	9X-1384
Others & optional	455	24F	—	3T-5858	9X-1382
<b>Mystique</b>					
2000-95 All	590	40R	—	8C-3605	—

MAKE EQUIPMENT TYPE YEAR/MODEL	CCA @ 0°F	O.E. BCI NO.	PREMIUM HIGH OUTPUT	GENERAL SERVICE	
				(U.S. ONLY)	
<b>Sable</b>					
2000-99 V6, 3.0L DOHC & 3.4L SHO	600	36R	—	—	—
V6, 3.0L	540	f 58R	175-4280	—	—
Optional & Canada	600	36R	—	—	—
1998-96 V6, 3.0L ex DOHC	540	f 58R	175-4280	—	—
Optional & Canada	650	36R	—	—	—
V6, 3.0L w/ DOHC & 3.4L SHO	650	36R	—	—	—
1998-96 V6, 3.8L	650	65	—	9X-5408	—
1995-94 All 3.0L & 3.2L SHO ex. below	650	34	153-5656 ≈	127-0826	3T-5857 ≈
1995-93 V6, 3.0L w/ EFI & AT	540	58	175-4280	—	—
V6, 3.8L & optional 3.0L	650	65	—	9X-5408	—
Optional 3.8L & Police Pkg.	850	65	—	9X-5408	—
1992 V6, 3.0L	540	58	175-4280	—	—
V6, 3.8L	650	65	—	9X-5408	—
1991 V6, 3.0L	540	58	175-4280	—	—
Optional, heated wind shield, or Police Package	850	65	—	9X-5408	—
V6, 3.8L ex. wagon	850	65	—	9X-5408	—
V6, 3.8L wagon	650	65	—	9X-5408	—
1990-88 V6, 3.0L	540	58	175-4280	—	—
Optional, V6, 3.8L	850	65	—	9X-5408	—
All w/ heated windshield, or Police Package	850	65	—	9X-5408	—
1987 4-cyl. w/ MT	540	58	175-4280	—	—
4-cyl. w/ AT	850	65	—	9X-5408	—
1987-86 V6	540	58	175-4280	—	—
V6 w/ heated windshield	850	65	—	9X-5408	—
1986 4-cyl.	540	58	175-4280	—	—
<i>f Watch polarity and clearance! Check terminal post arrangement carefully. Production varied. Vehicle could have been delivered with reverse terminal battery. Cable change may be necessary. Check BEFORE installation.</i>					
<b>Focus, Topaz, Tracer</b>					
1999 Focus	500	96R	—	8C-3605	—
Optional	540	40R	—	8C-3605	—
1999-97 Tracer	540	58	175-4280	—	—
1996-94 All	525	35	—	3T-5859 ¥	145-4518
1994-87 Topaz	540	58	175-4280	—	—
1993 Tracer	540	58	175-4280	—	—
1992-88 Tracer	460	35	—	3T-5859 ¥	145-4518
1986-84 4-cyl.: 2.3L HSC	460	58	175-4280	—	—
4-cyl., 2.0L Diesel	1000	d 33	115-2422	—	—
<i>d Battery may be vented to outside of vehicle. For passenger safety, be sure to vent battery gasses to outside if required!</i>					
<b>Zephyr</b>					
1983-80 All ex. Police & Taxi	380	62	—	8C-3611	—
Police & Taxi	455	24F	—	3T-5858	9X-1382
1979-78 All	450	56	—	8C-3611	—
<b>MERKUR</b>					
1990-88 Scorpio	500	g,p 47	—	8C-3605 π ≠	145-4518 ≠
1989-85 XR4Ti	500	g,p 47	—	8C-3605 π ≠	145-4518 ≠
<i>g Hood or cover clearance may not be sufficient. Be sure to check height clearance and polarity carefully before installation to avoid sparks, explosion, personal injury and vehicle damage.</i>					
<i>p Original battery has special terminals. Cable change is necessary.</i>					
<b>METEOR (CANADA)</b>					
1976-62 All	440	24F	—	3T-5858	9X-1382

**PROPOSITION 65 WARNING:** Battery posts, terminals and related accessories contain lead and lead compounds, chemicals known to the state of California to cause cancer and reproductive harm. **Wash hands after handling.**

Refer to page 110 for explanation of Passenger Car, Light Truck, Van & Mini-Van replacement footnotes.





# PASSENGER CAR

## METROPOLITAN — NISSAN/DATSUN

**IMPORTANT NOTE: BATTERIES CAN EXPLODE! Always wear safety glasses AND shield eyes when working around batteries. Always check for proper polarity and sufficient terminal clearance BEFORE final installation to avoid dangerous sparks, potential explosion, possible severe personal injury and/or expensive electrical system and/or vehicle/equipment damage. Always check for proper polarity and sufficient clearances before connecting cables and closing hood or covers.**

MAKE EQUIPMENT TYPE YEAR/MODEL	CCA @ 0°F	O.E. BCI NO.	PREMIUM HIGH OUTPUT	GENERAL SERVICE	
				(U.S. ONLY)	
<b>METROPOLITAN</b>					
1962-54 All	440	27	153-5656	8C-3601	127-0824
<b>MG</b>					
1980-75 MGB	340	24	153-5656	3T-5857	—
1980-78 Midget	340	24	153-5656	3T-5857	—
1977-70 Midget	210	22NF	—	3T-5859 ∞	9X-1384 ∞
1974-63 MGB & GT	315	b 17HF	—	8C-3617 π	—
1969-66 Midget, Mark I, II, III	210	24	153-5656	3T-5857	—
1962-56 MGA	315	b 17HF	3T-5760	8C-3617 π	—
1955-50 TD, TF, Y	315	j 31SAE	115-2422	8C-3627	—

b Two batteries required. For best results, replace both batteries at the same time.  
j Group 31 size battery with SAE type terminal posts.

<b>MITSUBISHI</b>					
2000 All Eclipse & Eclipse Spyder	525	86	—	8C-3600	—
2000-99 Galant	525	86	—	8C-3600	—
2000-98 Diamante	490	24	153-5656	3T-5857	9X-1383
2000-97 Mirage 1.57L & 1.8L	435	51R	—	—	—
1999-91 3000GT	520	a 25	—	8C-3600	145-4517
1998-96 Galant	490	a 26	—	8C-3600	145-4517
1999-95 Eclipse w/ AT & Turbo w/ MT	525	86	—	8C-3600	—
1997-96 VR4 Spyder Conv.	520	a 25	—	8C-3600	145-4517
1997-92 Diamante	490	a 24	153-5656	3T-5857	9X-1383
1996-93 Mirage	430	a 51	—	—	—
1995 Galant	585	a 24	153-5656	3T-5857	9X-1383
1995-92 Expo: 1.8L	350	a 25	—	8C-3600	145-4517
2.4L	490	a 24	153-5656	3T-5857	9X-1383
1994-89 Eclipse ex. Turbo	425	a 86	—	8C-3600	—
Turbo	525	a 86	—	8C-3600	—
1994-91 Galant	405	a 51	—	—	—
1994-90 Precis	420	a 25	—	8C-3600	145-4517
1992-90 Mirage	425	a 25	—	8C-3600	145-4517
1990-88 Galant ex. Sigma	430	a 51	—	—	—
Galant Sigma	490	a 24	153-5656	3T-5857	9X-1383
1989-88 Precis	400	a 21	—	8C-3600	—
1989-85 Mirage	430	a 51	—	—	—
1989-83 Starion	430	a 51	—	—	—
1988-83 Cordia, Tredia	430	a 51	—	—	—
1987-85 Galant	405	a 51	—	—	—

a Best fit estimate. See note on page 1 and note above.

<b>MORRIS</b>					
1967-48 All	325	c 24	153-5656	3T-5857	9X-1383

c Hold-down, tray and/or cables may require modification or replacement to accommodate replacement battery. Watch polarity! Check BEFORE installation.

<b>NASH</b>					
1957-56 All	410	24	153-5656	3T-5857	9X-1383
1955-36 All	525	1	—	8C-3617	8T-9734

MAKE EQUIPMENT TYPE YEAR/MODEL	CCA @ 0°F	O.E. BCI NO.	PREMIUM HIGH OUTPUT	GENERAL SERVICE	
				(U.S. ONLY)	
<b>NISSAN/DATSUN</b>					
2000 All Maxima	585	24F	—	3T-5858	9X-1382
1999 All Maxima ex. Calif.	350	35	—	3T-5859	145-4518
Maxima California	585	24F	—	3T-5858	9X-1382
1999 Altima	585	24F	—	3T-5858	9X-1382
2000-98 Sentra: U.S.	490	35	—	3T-5859 ¥	145-4518
Canada	550	24F	—	3T-5858	9X-1382
1998-95 Maxima: U.S.	350	35	—	3T-5859	145-4518
Optional & Canada	585	24F	—	3T-5858	9X-1382
1998-95 200SX: U.S.	490	a,f 35	—	3T-5859 ¥	145-4518
Opt. & Canada	550	24F	—	3T-5858	9X-1382
1998-95 240SX	350	25	—	8C-3600	145-4517
Canada	415	24	153-5656	3T-5857	9X-1383
1998-94 Altima	550	a,f 24F	—	3T-5858	9X-1382
1996-93 300ZX ex. Conv.: w/ MT w/ AT	410	a,f 24F	—	3T-5858	9X-1382
Convertible	360	a,f 35	—	3T-5859	145-4518
1997-92 Sentra: U.S.	490	a,f 35	—	3T-5859 ¥	145-4518
Optional & Canada	550	a,f 24F	—	3T-5858	9X-1382
1994-89 Maxima, 810	350	a,f 35	—	3T-5859	145-4518
Optional & Canada	585	a,f 24F	—	3T-5858	9X-1382
1995-89 California	415	a,f 24F	—	3T-5858	9X-1382
1994-89 200SX Canada & opt.	625	a,f 27F	—	8C-3602	3T-5858
240SX: U.S.	350	a,f 25	—	8C-3600	145-4517
Optional & Canada	410	a,f 24	153-5656	3T-5857	9X-1383
1993-92 NX 1600 ex. Canada	350	a,f 35	—	3T-5859	145-4518
Optional & Canada	410	a,f 24F	—	3T-5858	9X-1382
NX 2000 ex. Canada	350	a,f 35	—	3T-5859	145-4518
Optional & Canada	585	a,f 24F	—	3T-5858	9X-1382
1993-89 Stanza	350	a,f 35	—	3T-5859	145-4518
Optional & Canada	410	a,f 24F	—	3T-5858	9X-1382
1993 Altima ex. Canada	350	a,f 35	—	3T-5859	145-4518
Optional, Canada	585	a,f 24F	—	3T-5858	9X-1382
1992-91 Axxess Canada	410	a,f 24F	—	3T-5858	9X-1382
1992-90 300ZX	585	a,f 24F	—	3T-5858	9X-1382
1991 Sentra	490	a,f 35	—	3T-5859 ¥	145-4518
1990 Axxess	410	a,f 24F	—	3T-5858	9X-1382
1990-88 Sentra	410	a,f 24F	—	3T-5858	9X-1382
1989 Pulsar NX	410	a,f 24F	—	3T-5858	9X-1382
1989-84 300ZX	350	a,f 25	—	8C-3600	145-4517
Optional & Canada	470	a,f 27	153-5656	8C-3601	127-0824
1988 200 SX ex. Canada	350	a,f 25	—	8C-3600	145-4517
Optional & Canada	410	a,f 24	153-5656	3T-5857	9X-1383
Optional V6	470	a,f 27	153-5656	8C-3601	127-0824
1988-87 Maxima ex. Canada	340	a,f 35	—	3T-5859	145-4518
Stanza ex. Wagon	340	a,f 35	—	3T-5859	145-4518
Optional & Canada	410	a,f 24F	—	3T-5858	9X-1382
Stanza 4WD Wagon	410	a,f 24	—	3T-5858	9X-1382
1988-83 Pulsar	410	a,f 24F	—	3T-5858	9X-1382
1987 Sentra, Gas	410	a,f 24F	—	3T-5858	9X-1382
Diesel	625	a,f 27F	—	8C-3602	3T-5858
1987-86 200SX ex. Canada	350	a,f 25	—	8C-3600	145-4517
Canada	410	a,f 24	153-5656	3T-5857	9X-1383
1986 Maxima ex. Canada	340	a,f 35	—	3T-5859	145-4518
Stanza ex. Canada	350	a,f 25	—	8C-3600	145-4517
Optional & Canada	410	a,f 24F	—	3T-5858	9X-1382
1986-85 Sentra, Gas	410	a,f 24F	—	3T-5858	9X-1382
Diesel	470	a,f 27F	—	8C-3602	3T-5858
Optional	625	a,f 27	153-5656	8C-3601	127-0824
1985 Maxima ex. Canada	340	a,f 35	—	3T-5859	145-4518
Canada	470	a,f 27F	—	8C-3602	3T-5858
1985-84 200SX ex. Canada	350	a,f 25	—	8C-3600	145-4517
Canada	470	a,f 27	153-5656	8C-3601	127-0824

**PROPOSITION 65 WARNING:** Battery posts, terminals and related accessories contain lead and lead compounds, chemicals known to the state of California to cause cancer and reproductive harm. **Wash hands after handling.**



**IMPORTANT NOTE: BATTERIES CAN EXPLODE! Always wear safety glasses AND shield eyes when working around batteries. Always check for proper polarity and sufficient terminal clearance BEFORE final installation to avoid dangerous sparks, potential explosion, possible severe personal injury and/or expensive electrical system and/or vehicle/equipment damage. Always check for proper polarity and sufficient clearances before connecting cables and closing hood or covers.**

MAKE EQUIPMENT TYPE YEAR/MODEL	CCA @ 0°F	O.E. BCI NO.	PREMIUM HIGH OUTPUT	GENERAL SERVICE	
				(U.S. ONLY)	
<b>NISSAN/DATSUN (continued)</b>					
1985-82 Micra (Canada)	335	a,f	22NF	—	3T-5859 ∞ 9X-1384 ∞
Stanza ex. Canada	350	a,f	25	—	8C-3600 145-4517
Canada	410	a,f	24	153-5656	3T-5857 9X-1383
1984 Maxima ex. Canada	350	a,f	25	—	8C-3600 145-4517
Canada	470	a,f	27	153-5656	8C-3601 127-0824
1984-82 Sentra, Gas ex. Canada	340	a,f	35	—	3T-5859 145-4518
Canada	410	a,f	24	153-5656	3T-5857 9X-1383
Sentra Diesel ex. Canada	470	a,f	27F	—	8C-3602 3T-5858
Canada	625	a,f	27F	—	8C-3602 3T-5858
1983-82 280ZX ex. Canada	380	a,f	25	—	8C-3600 145-4517
Canada	470	a,f	27	153-5656	8C-3601 127-0824
300ZX ex. Canada	350	a,f	25	—	8C-3600 145-4517
Canada	470	a,f	27	153-5656	8C-3601 127-0824
1983-81 200SX ex. Canada	350	a,f	25	—	8C-3600 145-4517
Canada	410	a,f	24	153-5656	3T-5857 9X-1383
810 Maxima, Gas ex. Canada	350	a,f	25	—	8C-3600 145-4517
Diesel & Canada	625	a,f	27	153-5656	8C-3601 127-0824
1982-79 310, 510	410	a,f	24	153-5656	3T-5857 9X-1383
1982-75 210	410	a,f	24	153-5656	3T-5857 9X-1383
1981 280ZX ex. Canada	350	a,f	25	—	8C-3600 145-4517
Canada	410	a,f	24	153-5656	3T-5857 9X-1383
1980-79 280ZX ex. Canada	410	a,f	24	153-5656	3T-5857 9X-1383
Optional & Canada	470	a,f	27	153-5656	8C-3601 127-0824
1980-77 200SX, 810	410	a,f	24	153-5656	3T-5857 9X-1383
1978-77 F10, 280Z ex. Canada	410	a,f	24	153-5656	3T-5857 9X-1383
Canada	470	a,f	24	153-5656	3T-5857 9X-1383
1977-70 All	500	a,f	24	153-5656	3T-5857 9X-1383
1972-68 510 Series	350	a,f	25	—	8C-3600 145-4517
1970-61 All ex. 510 & below	290	a,f	53	—	—
1965-61 L60, L320	340	a,f	24	153-5656	3T-5857 9X-1383

*a Best fit estimate. See note on page 1 and note above.  
f Watch polarity and clearance! Check terminal post arrangement carefully.  
Production varied. Vehicle could have been delivered with reverse terminal battery.  
Cable change may be necessary. Check BEFORE installation.*

**OLDSMOBILE**

**Achieva, Aurora, Calais, Omega**

2000 All	880	d	100	—	—	—
1999-98 Aurora	880	d	79	—	—	—
1997-95 Aurora	970	d,g	76	—	—	—
1998-92 Achieva	630	g	75	—	7X-6100	—
1991-85 Calais	630	g	75	—	7X-6100	—
1984-83 All	390	g	71	—	7X-6100	—
Optional	500	g	75	—	7X-6100	—
1982-80 All	350	g	71	153-5660 Ω	7X-6100	—
1980 Optional	465	g	74	153-5660	—	—
1979-78 All	350	g	71	—	7X-6100	—
Optional	465	g	73	—	7X-6100	—
1977-75 All	350	g	72	—	7X-6100	—
1974 6-cyl.	275	g	72	153-5660 Ω	7X-6100	—
V8	340	g	24	153-5656	3T-5857	—
1973 6-cyl.	275	g	72	153-5660 Ω	7X-6100	—
V8	340	g	74	153-5660	—	—

*d Battery may be vented to outside of vehicle. For passenger safety, be sure to vent battery gasses to outside if required!  
g Hood or cover clearance may not be sufficient. Be sure to check height clearance and polarity carefully before installation to avoid sparks, explosion, personal injury and vehicle damage.*

MAKE EQUIPMENT TYPE YEAR/MODEL	CCA @ 0°F	O.E. BCI NO.	PREMIUM HIGH OUTPUT	GENERAL SERVICE	
				(U.S. ONLY)	
<b>Alero, Ciera, Cutlass, Intrigue, Supreme, F-85, Vista Cruiser</b>					
2000-99 All Alero	600	g	75	—	7X-6100 —
2000-98 Cutlass	600	s	75	—	7X-6100 —
2000-97 Intrigue	690	g	78	153-5660 =	127-0826 = 7X-6100
1997-96 Cutlass, Supreme	690	s	78	153-5660 =	127-0826 = 7X-6100
1996-94 Ciera	525	g	75	—	7X-6100 —
1995-91 Cutlass, Supreme: V6, 3.4L	675	s	75	—	7X-6100 —
1995-90 Cutlass, Supreme: V6, 3.1L	525	s	75	—	7X-6100 —
1993-87 Ciera	630	g	75	—	7X-6100 —
1992-87 Cutlass Cruiser	630	g	75	—	7X-6100 —
1991-90 Cutlass: 4-cyl. 2.3L	630	g,s	75	—	7X-6100 —
1989-88 Cutlass: FWD	630	g	75	—	7X-6100 —
Classic RWD	525	g	75	—	7X-6100 —
1987 Cutlass Supreme	630	g	75	—	7X-6100 —
1986-84 Ciera: 4-cyl.	630	g	75	—	7X-6100 —
V6, 2.8L ex. MFI	405	g	70	153-5660 Ω	7X-6100 —
Optional	500	g	75	153-5660 Ω	7X-6100 —
V6, 2.8L MFI & 3.0L	630	g	75	153-5660 Ω	7X-6100 —
V6, 3.8L	630	g	75	153-5660 Ω	7X-6100 —
V6 Diesel	770	b,g	75	—	127-0826 =
Cutlass Supreme: V6, 3.8L	630	g	75	153-5660 Ω	7X-6100 —
V8, 5.0L(305)	630	g	75	153-5660 Ω	7X-6100 —
V8, 5.0L(307)	425	g	71	153-5660 Ω	7X-6100 —
Optional	500	g	75	153-5660 Ω	7X-6100 —
V6, 4.3L Diesel	500	b,g	75	153-5660 Ω	7X-6100 —
V8, 5.7L Diesel	405	b,g	70	153-5660 Ω	7X-6100 —
Optional	550	b,g	78	153-5660 =	127-0826 = 7X-6100
1983 Cutlass Ciera: 4-cyl.	350	g	70	—	7X-6100 —
V6 ex. Diesel	315	g	70	—	7X-6100 —
All optional	500	g	75	—	7X-6100 —
V6 Diesel	710	b,g	76	—	127-0826 —
Optional	500	b,g	75	—	7X-6100 —
Cutlass Supreme: V6 ex. Diesel	315	g	70	—	7X-6100 —
V8	390	g	71	—	7X-6100 —
All optional	500	g	75	—	7X-6100 —
All Diesel	500	b,g	75	—	7X-6100 —
1982 Cutlass Ciera: ex. Diesel	425	g	73	—	7X-6100 —
Diesel	710	b,g	76	—	127-0826 —
Optional	500	b,g	75	—	7X-6100 —
Cutlass Supreme: ex. Diesel	425	g	73	—	7X-6100 —
V6 Diesel	500	b,g	75	—	7X-6100 —
V8 Diesel	425	b,g	73	—	7X-6100 —
1981 All ex. Diesel	350	g	71	153-5660 Ω	7X-6100 —
Optional & Diesel	550	b	74	153-5660	—
1980 V6, V8 ex. Diesel	425	g	73	153-5660 Ω	7X-6100 —
V8 Diesel	465	b	74	153-5660	—
Optional	550	b	74	153-5660	—
1979 V6, 3.8L(231)	425	g	73	153-5660 Ω	7X-6100 —
V8 ex. Diesel	350	g	71	153-5660 Ω	7X-6100 —
Optional & HBL	505	g	74	153-5660	—
V6 Diesel	425	b,g	73	153-5660 Ω	7X-6100 —
V8 Diesel	550	b	74	153-5660	—
1978 All	350	g	71	—	7X-6100 —
1977-72 V6, V8, 260 & 350	425	g	72	153-5660 Ω	7X-6100 —
V8 400, 403, 455	465	g	74	153-5660	—
1971-61 6-cyl.	380	h	22F	—	3T-5859 9X-1384
V8 & optional	400	h	24	153-5656	3T-5857 9X-1383

*b Two batteries required. For best results, replace both batteries at the same time.  
g Hood or cover clearance may not be sufficient. Be sure to check height clearance and polarity carefully before installation to avoid sparks, explosion, personal injury and vehicle damage.  
h Check terminal post arrangement carefully! Production varied. Vehicle could have been delivered with top or side terminal battery. Check BEFORE installation.  
s Battery installation is difficult. May take up to 45 minutes to install.*

**PROPOSITION 65 WARNING:** Battery posts, terminals and related accessories contain lead and lead compounds, chemicals known to the state of California to cause cancer and reproductive harm. **Wash hands after handling.**



# PASSENGER CAR OLDSMOBILE — PLYMOUTH

**IMPORTANT NOTE: BATTERIES CAN EXPLODE! Always wear safety glasses AND shield eyes when working around batteries. Always check for proper polarity and sufficient terminal clearance BEFORE final installation to avoid dangerous sparks, potential explosion, possible severe personal injury and/or expensive electrical system and/or vehicle/equipment damage. Always check for proper polarity and sufficient clearances before connecting cables and closing hood or covers.**

MAKE EQUIPMENT TYPE YEAR/MODEL	CCA @ 0°F	O.E. BCI NO.	PREMIUM HIGH OUTPUT	GENERAL SERVICE	
				(U.S. ONLY)	
<b>Custom Cruiser, Delta 88, Ninety-Eight, Olds 98</b>					
1999-98 Eighty-Eight	690	78	153-5660 ≈	127-0826 ≈	7X-6100
Supercharged	770	78	—	127-0826 ≈	—
1997-96 Delta 88, Olds 98	690 g	78	153-5660 ≈	127-0826 ≈	—
1997 Optional	770 g	78	—	127-0826 ≈	—
1995-94 Eighty-Eight	630 g	75	153-5660 Ω	7X-6100	—
Ninety-Eight	770 g	78	—	127-0826 ≈	—
w/ heated windshield	770 g	78	—	127-0826 ≈	—
1993-86 Custom Cruiser	570 g	75	153-5660 Ω	7X-6100	—
Eighty-Eight, Ninety-Eight	630 g	75	153-5660 Ω	7X-6100	—
Optional	770 g	78	—	127-0826 ≈	—
w/ heated windshield	770 g	78	—	127-0826 ≈	—
1985-84 Delta 88, Custom Cruiser V6, V8 ex. Diesel	390 g	71	153-5660 Ω	7X-6100	—
Optional V6	550 g	78	153-5660 ≈	127-0826 ≈	7X-6100
Optional V8 ex. Diesel	500 g	75	153-5660 Ω	7X-6100	—
Diesel	405 b,g	70	153-5660 Ω	7X-6100	—
Optional Diesel	520 b,g	78	153-5660 ≈	127-0826 ≈	7X-6100
1985 Ninety-Eight; ex. Diesel	630 g	75	153-5660 Ω	7X-6100	—
Optional & Diesel	770 g	78	—	127-0826 ≈	—
1984 V8 ex. Diesel	390 g	71	153-5660 Ω	7X-6100	—
Optional	500 g	75	153-5660 Ω	7X-6100	—
Diesel	405 b,g	70	153-5660 Ω	7X-6100	—
Optional Diesel	520 b,g	78	153-5660 ≈	127-0826	7X-6100
1983 Delta 88, Ninety-Eight; V6	390 g	71	153-5660 Ω	7X-6100	—
Optional	520 g	78	153-5660 ≈	127-0826	7X-6100
V8 ex. Diesel	390 g	71	153-5660 Ω	7X-6100	—
Optional & Diesel	500 b,g	75	153-5660 Ω	7X-6100	—
Optional Diesel	550 b,g	78	153-5660 ≈	127-0826 ≈	7X-6100
1982-81 All ex. Diesel	350 g	71	153-5660 Ω	7X-6100	—
Optional & V8 Diesel	465 b,g	73	153-5660 Ω	7X-6100	—
Optional Diesel	550 b	74	153-5660	—	—
1980-75 V6, V8 ex. Diesel	425 g	73	153-5660 Ω	7X-6100	—
HBL &/or AC	425 g	73	153-5660 Ω	7X-6100	—
V8 Diesel	550 b	74	153-5660	—	—
1974-71 All	410 h	74	153-5660	—	—
1970-67 V8 350	340 h	24	153-5656	3T-5857	9X-1383
All others	465 h	27	153-5656	8C-3601	127-0824
1966-65 6-cyl.	275	22F	—	3T-5859	9X-1384
V8	340	24	153-5656	3T-5857	9X-1383
Optional	400	27	153-5656	8C-3601	127-0824
1964-61 F85	275	22F	—	3T-5859	9X-1384
All others	385	60	—	—	—
1960-54 All	385	60	—	—	—
1953 All	350	3EE	—	8C-3620	—
1952-49 6-cyl.	525	1	—	8C-3617	8T-9734
8-cyl.	600	2	153-5690	8C-3629	8C-3617
1948-38 All	550	2E	—	8C-3632 Δ	—
<p>b Two batteries required. For best results, replace both batteries at the same time.            g Hood or cover clearance may not be sufficient. Be sure to check height clearance and polarity carefully before installation to avoid sparks, explosion, personal injury and vehicle damage.            h Check terminal post arrangement carefully! Production varied. Vehicle could have been delivered with top or side terminal battery. Check BEFORE installation.</p>					
<b>Firenza, Starfire</b>					
1988 4-cyl., 2.0L OHC	630	75	—	7X-6100	—
4-cyl., 2.0L OHV w/ MT	525	75	—	7X-6100	—
AT, Canada, optional	630	75	—	7X-6100	—
1987 4-cyl., 2.0L	525	75	—	7X-6100	—
V6, 2.8L, optional	630	75	—	7X-6100	—
1986-85 All	630	75	—	7X-6100	—
1984-83 All	500	75	—	7X-6100	—
1982-75 All	465 g	73	—	7X-6100	—

MAKE EQUIPMENT TYPE YEAR/MODEL	CCA @ 0°F	O.E. BCI NO.	PREMIUM HIGH OUTPUT	GENERAL SERVICE	
				(U.S. ONLY)	
<b>Toronado, Troféo</b>					
1992-86 All	770 g	78	—	127-0826 ≈	—
1985-80 All ex. Diesel	425 g	73	153-5660 Ω	—	—
Optional	550 g	78	153-5660 ≈	127-0826 ≈	7X-6100
V8 Diesel	465 b,g	73	153-5660 Ω	—	—
Optional Diesel	550 b,g	78	153-5660 ≈	127-0826 ≈	7X-6100
1979 All ex. Diesel	425 g	73	153-5660 Ω	—	—
Optional & HBL	550	74	153-5660	—	—
Diesel	550 b	74	153-5660	—	—
1978-77 All	425 g	73	153-5660 Ω	—	—
Optional	465	74	153-5660	—	—
1976-71 All	465	74	153-5660	—	—
1970-66 All	465	27	153-5656	8C-3601	127-0824
<p>b Two batteries required. For best results, replace both batteries at the same time.            g Hood or cover clearance may not be sufficient. Be sure to check height clearance and polarity carefully before installation to avoid sparks, explosion, personal injury and vehicle damage.</p>					
<b>OPEL</b>					
1979-76 All	320	24	153-5656	3T-5857	9X-1383
1975-66 All	230	22F	—	3T-5859	9X-1384
1965-57 All	400 b	19L	—	8C-3617 Ω	—
<p>b Two batteries required. For best results, replace both batteries at the same time.</p>					
<b>PACKARD</b>					
1958-57 All	410	24	153-5656	3T-5857	9X-1383
1956-55 All	400	60	—	—	—
1954-51 All	400	2L	153-5690 ≈	8C-3629 ≈	8C-3617 ≈
1950-48 All	475	2E	—	8C-3632 Δ	—
<b>PEUGEOT</b>					
1992-89 405	495	NA	—	—	—
Special 12-volt: 8-1/4" x 6-3/4" x 7-1/4", assembly No. 15.					
1991-87 505: 4-cyl. ex. Turbo	560 a	48	—	8C-3605	—
Turbo, V6	495 a	48	—	8C-3605	—
1987 Turbo Diesel	740 c,d	49	—	8C-3605 ¥	—
Special 12-volt: 14-15/16" x 6-3/4" x 7-3/8"					
1986-85 505 ex. Diesel	495 a	48	—	8C-3605	—
1986-78 All Diesel	740 c,d	49	—	8C-3605 ¥	—
1984-80 505 ex. Diesel	300 a	24	153-5656	3T-5857	—
1980-78 604	300 a,c	24F	—	3T-5858	9X-1382
1979-73 504	500 a	24	153-5656	3T-5857	9X-1383
1972-58 All	290 a	24	153-5656	3T-5857	9X-1383
<p>a Best fit estimate. See note on page 1 and note above.            c Hold-down, tray and/or cables may require modification or replacement to accommodate replacement battery. Watch polarity! Check BEFORE installation.            d Battery may be vented to outside of vehicle. For passenger safety, be sure to vent battery gasses to outside if required!</p>					
<b>PLYMOUTH</b>					
<b>Acclaim</b>					
1995-89 All	520 g	34	153-5656 ≈	127-0826	3T-5857 ≈
<p>g Hood or cover clearance may not be sufficient. Be sure to check height clearance and polarity carefully before installation to avoid sparks, explosion, personal injury and vehicle damage.</p>					
<b>Arrow</b>					
1980-76 All	440 a	24	153-5656	3T-5857	9X-1383
<p>a Best fit estimate. See note on page 1 and note above.</p>					

**PROPOSITION 65 WARNING:** Battery posts, terminals and related accessories contain lead and lead compounds, chemicals known to the state of California to cause cancer and reproductive harm. **Wash hands after handling.**

BATTERY SAFETY  
CATERPILLAR EQUIP.  
INDUSTRIAL EQUIPMENT  
FARM EQUIPMENT  
TRUCKS & BUSES  
AUTO & LTV  
L & G / SMALL ENGINE  
REFERENCE

**IMPORTANT NOTE: BATTERIES CAN EXPLODE! Always wear safety glasses AND shield eyes when working around batteries. Always check for proper polarity and sufficient terminal clearance BEFORE final installation to avoid dangerous sparks, potential explosion, possible severe personal injury and/or expensive electrical system and/or vehicle/equipment damage. Always check for proper polarity and sufficient clearances before connecting cables and closing hood or covers.**

MAKE EQUIPMENT TYPE YEAR/MODEL	CCA @ 0°F	O.E. BCI NO.	PREMIUM HIGH OUTPUT	GENERAL SERVICE	
				(U.S. ONLY)	
<b>Barracuda, Belvedere</b>					
1974-56 All	375	24	153-5656	3T-5857	9X-1383
Optional	440	27	153-5656	8C-3601	127-0824
1955-54 6-cyl. w/ Powerflite	600	2	153-5690	8C-3629	8C-3617
1955-36 All ex. Powerflite	500	1	—	8C-3617	8T-9734
<b>Breeze</b>					
2000-96 All	510	g,s	75	—	7X-6100
<i>g Hood or cover clearance may not be sufficient. Be sure to check height clearance and polarity carefully before installation to avoid sparks, explosion, personal injury and vehicle damage.</i>					
<i>s Battery installation is difficult. May take up to 45 minutes to install.</i>					
<b>Caravelle, Caravelle Salon</b>					
1988-85 All	500	34	153-5656 =	127-0826	3T-5857 =
1984-83 All	370	25	—	8C-3600	145-4517
Optional	500	24	153-5656	3T-5857	9X-1383
<b>Champ, Colt, Colt Vista, Conquest</b>					
1996 All	490	a	25	—	8C-3600
1995 Colt Wagon	580	a	24	153-5656	3T-5857
1994 1.5L	435	a	51	—	—
1.8L US	425	a	25	—	8C-3600
2.4L US	340	a	24	153-5656	3T-5857
Canada all	580	a	24	153-5656	3T-5857
1993 Colt ex. wagon	405	a	51	—	—
1993-92 Wagon 4-cyl., 1.8L	425	a	25	—	8C-3600
Wagon 4-cyl., 2.4L	580	a	24	153-5656	3T-5857
Vista 4-cyl., 1.8L	350	a	25	—	8C-3600
Vista 4-cyl., 2.4L	490	a	24	153-5656	3T-5857
1992-91 Colt ex. Vista	425	a	25	—	8C-3600
1991-87 Vista	435	a	51	—	—
1990 Colt ex. Turbo, wagon	350	a	25	—	8C-3600
Turbo, wagon, Vista	435	a	51	—	—
1989 Vista ex. Canada	435	a	45	—	—
Canada	425	a	25	—	8C-3600
1989-87 Colt ex. Vista	430	a	51	—	—
1988-84 Colt Vista & Conquest	430	a	51	—	—
1986-83 Colt	500	a	25	—	8C-3600
1982-79 Champ	390	a	24	153-5656	3T-5857
<i>a Best fit estimate. See note on page 1 and note above.</i>					
<b>Cricket, Duster, Scamp, Valiant, Volare</b>					
1980-60 6-cyl.	305	24	153-5656	3T-5857	9X-1383
V8 & optional	500	27	153-5656	8C-3601	127-0824
<b>Fury, Gran Fury</b>					
1989-85 All	500	34	153-5656 =	127-0826	3T-5857 =
Optional (1989-88)	625	34	153-5656 =	127-0826	3T-5857 =
1984-81 All	425	25	—	8C-3600	145-4517
Optional	500	24	153-5656	3T-5857	9X-1383
1980 6-cyl., V8 5.9L (360)	425	25	—	8C-3600	145-4517
V8, 5.2L (318)	325	24	153-5656	3T-5857	9X-1383
All optional	500	27	153-5656	8C-3601	127-0824
1978-56 6-cyl., V8, 318, 340	325	24	153-5656	3T-5857	9X-1383
Other V8 & all optional	500	27	153-5656	8C-3601	127-0824

MAKE EQUIPMENT TYPE YEAR/MODEL	CCA @ 0°F	O.E. BCI NO.	PREMIUM HIGH OUTPUT	GENERAL SERVICE	
				(U.S. ONLY)	
<b>Horizon, Sundance, Turismo, TC3</b>					
1994-91 4-cyl. 2.2L, V6	500	34	153-5656 =	127-0826	3T-5857 =
4-cyl. 2.5L	580	34	153-5656 =	127-0826	3T-5857 =
1990-80 All	425	25	—	8C-3600	145-4517
1979-78 All	325	21	—	8C-3600	—
<b>Laser</b>					
1994-90 All	525	86	—	8C-3600	—
<b>Neon</b>					
2000-99 All	440	26R	—	3T-5859 ¥	145-4518
1999 All optional	540	26R	—	—	145-4518
1998-95 All	450	r	58	175-4280	—
<i>r Battery installation is moderately difficult. Expect to take 15 to 30 minutes to install.</i>					
<b>Reliant</b>					
1989-85 All	500	34	153-5656 =	127-0826	3T-5857 =
1984-83 All	325	26	—	8C-3600	—
1984-81 Optional	500	24	153-5656	3T-5857	9X-1383
1982-81 All	325	21	—	8C-3600	—
<b>Sapporo</b>					
1983 All ex. Canada	425	a	25	—	8C-3600
Canada	500	a	24	153-5656	3T-5857
1982-76 All	460	a	24	153-5656	3T-5857
<i>a Best fit estimate. See note on page 1 and note above.</i>					
<b>Satellite</b>					
1974-71 All	460	24	153-5656	3T-5857	9X-1383
<b>PONTIAC</b>					
<b>Acadian, Astre, Sunbird (RWD), T-1000, 1000</b>					
1994-88 All	630	g	75	—	7X-6100
1987-71 All ex. Diesel	425	g	70	153-5660 Ω	—
Diesel	550	g	78	153-5660 =	127-0826 =
All optional (1979)	505	74	153-5660	—	7X-6100
1970-66 6-cyl.	275	22F	—	3T-5859	9X-1384
V8 & optional	340	24	153-5656	3T-5857	9X-1383
<i>g Hood or cover clearance may not be sufficient. Be sure to check height clearance and polarity carefully before installation to avoid sparks, explosion, personal injury and vehicle damage.</i>					
<b>Bonneville, Catalina, Grand LeMans, Grand Prix, Grand Ville, Laurentian, Parisienne, Safari, Star Chief, early models</b>					
2000 All Bonneville	770	100	—	—	—
Optional for above	880	79	—	—	—
2000-96 Grand Prix: V6 3.1L	600	s	78	153-5660 =	127-0826 =
2000-97 V6 3.8L ex. S/C	690	s	78	153-5660 =	127-0826 =
V6 3.8L & Supercharged	770	s	78	—	127-0826 =
1999-95 Bonneville	690	g	78	153-5660 =	127-0826 =
Opt. & Supercharged	770	78	—	127-0826 =	—
1995-92 Grand Prix: V6, 3.1L	525	s	75	—	7X-6100
V6, 3.4L	675	s	75	—	7X-6100
1994-92 Bonneville	630	g	75	153-5660 Ω	7X-6100
Optional	770	g	78	—	127-0826 =
1991-86 Bonneville	630	g	75	—	7X-6100
1991-90 Grand Prix	630	s	75	—	7X-6100

**PROPOSITION 65 WARNING:** Battery posts, terminals and related accessories contain lead and lead compounds, chemicals known to the state of California to cause cancer and reproductive harm. **Wash hands after handling.**

Refer to page 110 for explanation of Passenger Car, Light Truck, Van & Mini-Van replacement footnotes.

BATTERY SAFETY  
CATERPILLAR EQUIP.  
INDUSTRIAL EQUIPMENT  
FARM EQUIPMENT  
TRUCKS & BUSES  
AUTO & LTV  
L & G / SMALL ENGINE  
REFERENCE



# PASSENGER CAR PONTIAC

**IMPORTANT NOTE: BATTERIES CAN EXPLODE! Always wear safety glasses AND shield eyes when working around batteries. Always check for proper polarity and sufficient terminal clearance BEFORE final installation to avoid dangerous sparks, potential explosion, possible severe personal injury and/or expensive electrical system and/or vehicle/equipment damage. Always check for proper polarity and sufficient clearances before connecting cables and closing hood or covers.**

MAKE EQUIPMENT TYPE YEAR/MODEL	CCA @ 0°F	O.E. BCI NO.	PREMIUM HIGH OUTPUT	GENERAL SERVICE	
				(U.S. ONLY)	
<b>Bonneville, Catalina, Grand LeMans, Grand Prix, Grand Ville, Laurentian, Parisienne, Safari, Star Chief, early models (continued)</b>					
1989-88 Safari	525 g	70	—	—	—
Grand Prix	525	75	—	7X-6100	—
Optional	630	75	—	7X-6100	—
1987 Grand Prix: V6, 3.8L	525	75	—	7X-6100	—
V6, 4.3L	630	75	—	7X-6100	—
V8, 5.0L, Safari	525 g	70	—	—	—
All optional	630	75	—	7X-6100	—
1986 Parisienne: V6, 4.3L	630	75	—	7X-6100	—
V8, 5.0L(305)	525 g	70	—	—	—
V8, 5.0L(307)	425	75	—	7X-6100	—
Optional	630	75	—	7X-6100	—
Grand Prix: V6, 3.8L	500	75	—	7X-6100	—
Optional	630	75	—	7X-6100	—
V8, 5.0L	525 g	70	—	—	—
Optional	630	75	—	7X-6100	—
1985 V6, All models	390 g	71	153-5660 Ω	—	—
V6, 4.3L & Optional	630 g	75	153-5660 Ω	7X-6100	—
V8 ex. Diesel	500 g	75	153-5660 Ω	7X-6100	—
V8 Diesel	525 b,g	70	153-5660 Ω	—	—
Optional Diesel	550 b,g	78	153-5660 ≈	127-0826 ≈	7X-6100
1984 V6, 3.8L	350 g	70	153-5660 Ω	7X-6100	—
All optional & V8 ex. Diesel	500 g	75	153-5660 Ω	7X-6100	—
V8 Diesel	550 b,g	78	153-5660 ≈	127-0826 ≈	7X-6100
1983 V6, V8 ex. Diesel	350 g	70	153-5660 Ω	—	—
Diesel & Optional	550 b,g	78	153-5660 ≈	127-0826 ≈	7X-6100
1982-81 All ex. below	425 g	70	153-5660 Ω	—	—
Diesel (1982)	500 b,g	75	153-5660 Ω	7X-6100	—
Diesel (1981)	465 b,g	73	153-5660 Ω	—	—
Optional Diesel	550 b	74	153-5660	—	—
Optional (1982)	550	74	153-5660	—	—
Optional (1981)	465 g	73	153-5660 Ω	—	—
1980-77 All ex. below	350 g	71	153-5660 Ω	—	—
All optional	465	74	153-5660	—	—
V8 403	425 g	73	153-5660 Ω	—	—
1980 V8 Diesel	465 b	74	153-5660	—	—
Optional Diesel	550 b	74	153-5660	—	—
1976-72 V8 350, 400	350 g	72	153-5660 Ω	—	—
All others & optional	465	74	153-5660	—	—
1971 All	410 h	24	153-5656	3T-5857	9X-1383
All optional	410 h	74	153-5660	—	—
1970-55 All	340	24	153-5656	3T-5857	—
All optional	400	27	153-5656	8C-3601	127-0824
1954-38 All	340	2E	—	8C-3632 Δ	—

b Two batteries required. For best results, replace both batteries at the same time.  
 g Hood or cover clearance may not be sufficient. Be sure to check height clearance and polarity carefully before installation to avoid sparks, explosion, personal injury and vehicle damage.  
 h Check terminal post arrangement carefully! Production varied. Vehicle could have been delivered with top or side terminal battery. Check BEFORE installation.  
 s Battery installation is difficult. May take up to 45 minutes to install.

MAKE EQUIPMENT TYPE YEAR/MODEL	CCA @ 0°F	O.E. BCI NO.	PREMIUM HIGH OUTPUT	GENERAL SERVICE	
				(U.S. ONLY)	
<b>Esprit, Firebird, Formula, Trans Am (continued)</b>					
1984 4-cyl., V6	425	70	—	—	—
All optional & V8	500	75	—	7X-6100	—
Optional V8	630	75	—	7X-6100	—
1983 All	425	70	—	—	—
All optional	500	75	—	7X-6100	—
1982-81 All	425 g	70	—	—	—
All optional	465 g	73	—	—	—
1980-72 All	425 g,h	71	153-5660 Ω	—	—
All optional	505 h	74	153-5660	—	—
1971-67 6-cyl.	275 h	22F	—	3T-5859	9X-1384
V8 & optional	410 h	24	153-5656	3T-5857	9X-1383
Optional (1971)	410 h	74	153-5660	—	—

g Hood or cover clearance may not be sufficient. Be sure to check height clearance and polarity carefully before installation to avoid sparks, explosion, personal injury and vehicle damage.  
 h Check terminal post arrangement carefully! Production varied. Vehicle could have been delivered with top or side terminal battery. Check BEFORE installation.

MAKE EQUIPMENT TYPE YEAR/MODEL	CCA @ 0°F	O.E. BCI NO.	PREMIUM HIGH OUTPUT	GENERAL SERVICE	
				(U.S. ONLY)	
<b>Fiero, Phoenix, Sunbird, Sunfire, Ventura J-2000, 2000</b>					
2000-95 Sunfire: 4-cyl. 2.2L	525	75	—	7X-6100	—
4-cyl. 2.4L	600	75	—	7X-6100	—
1995-92 Sunbird: 4-cyl.	630	75	—	7X-6100	—
V6	525	75	—	7X-6100	—
1991-85 Sunbird	630	75	—	7X-6100	—
1988-85 Fiero	630	75	—	7X-6100	—
1984-83 Phoenix, Fiero	425 g	70	—	—	—
Optional & 2000	500 g	75	—	7X-6100	—
1982-73 All	350 g	70	—	—	—
Canada (1982 only)	500 g	75	153-5660 Ω	7X-6100	—
Optional (1982-79)	465 g	73	153-5660 Ω	—	—
Optional (1980-73)	505	74	153-5660	—	—

g Hood or cover clearance may not be sufficient. Be sure to check height clearance and polarity carefully before installation to avoid sparks, explosion, personal injury and vehicle damage.

MAKE EQUIPMENT TYPE YEAR/MODEL	CCA @ 0°F	O.E. BCI NO.	PREMIUM HIGH OUTPUT	GENERAL SERVICE	
				(U.S. ONLY)	
<b>Firefly</b>					
1995-90 All	430 a	26	—	8C-3600	—
1989-86 All	410 a	45	—	—	—

a Best fit estimate. See note on page 1 and note above.

MAKE EQUIPMENT TYPE YEAR/MODEL	CCA @ 0°F	O.E. BCI NO.	PREMIUM HIGH OUTPUT	GENERAL SERVICE	
				(U.S. ONLY)	
<b>Grand Am, GTO, LeMans, Optima, Tempest, 6000</b>					
2000-93 Grand Am	600	75	—	7X-6100	—
1995-93 LeMans	525	85	—	3T-5859	145-4518
1992-90 LeMans: 4-cyl.	525	85	—	3T-5859	145-4518
4-cyl. w/ AT	600	85	—	3T-5859	145-1384
1992-87 Grand Am	630	75	—	7X-6100	—
1991-87 6000	630	75	—	7X-6100	—
1989-88 LeMans, Optima	525	85	—	3T-5859	145-4518
1986 4-cyl., 2.5L	630	75	—	7X-6100	—
V6, 2.8L ex. MFI, Canada	425 g	70	—	7X-6100	—
V6, 2.8L MFI, Optional	500	75	—	7X-6100	—
V6, 2.8L Canada	630	75	—	7X-6100	—
V6, 3.0L	500	75	—	7X-6100	—
1985 Grand Am, 6000	630 g	75	153-5660 Ω	7X-6100	—
V6 ex. MFI, Diesel	425 g	70	153-5660 Ω	—	—
V6, MFI, optional	500 g	75	153-5660 Ω	7X-6100	—
1985-84 Diesel	770 b,g	78	—	127-0826 ≈	—
1984 All ex. V6 H.O., Diesel	425 g	70	153-5660 Ω	7X-6100	—
V6 H.O. & optional	500 g	75	153-5660 Ω	7X-6100	—
1983 4-cyl., 2.5L	425 g	70	—	—	—
V6 ex. H.O., Diesel	315 g	70	—	—	—
V6 H.O., all optional	500	75	—	7X-6100	—
Diesel	500 b	75	—	7X-6100	—

**PROPOSITION 65 WARNING:** Battery posts, terminals and related accessories contain lead and lead compounds, chemicals known to the state of California to cause cancer and reproductive harm. **Wash hands after handling.**



**IMPORTANT NOTE: BATTERIES CAN EXPLODE! Always wear safety glasses AND shield eyes when working around batteries. Always check for proper polarity and sufficient terminal clearance BEFORE final installation to avoid dangerous sparks, potential explosion, possible severe personal injury and/or expensive electrical system and/or vehicle/equipment damage. Always check for proper polarity and sufficient clearances before connecting cables and closing hood or covers.**

MAKE EQUIPMENT TYPE YEAR/MODEL	CCA @ 0°F	O.E. BCI NO.	PREMIUM HIGH OUTPUT	GENERAL SERVICE	
				(U.S. ONLY)	
<b>Grand Am, GTO, LeMans, Optima, Tempest, 6000 (continued)</b>					
1982 All ex. Diesel	315 g	70	153-5660 Ω	—	—
Optional	465 g	73	153-5660 Ω	—	—
Diesel	750 b,g	76	—	127-0826 ≠	127-0824 ≠
Optional Diesel	500 b,g	75	153-5660 Ω	7X-6100	—
1981 All	350	70	—	7X-6100 =	—
1980-78 All	350	71	—	—	—
1977-73 All ex. below	350 g,h	72	153-5660 Ω	—	—
V8 455 & optional	465 h	74	153-5660	—	—
1972-61 6-cyl.	275 h	22F	—	3T-5859	9X-1384
V8 & optional	340 h	24	153-5656	3T-5857	—
<p><i>b Two batteries required. For best results, replace both batteries at the same time.</i></p> <p><i>g Hood or cover clearance may not be sufficient. Be sure to check height clearance and polarity carefully before installation to avoid sparks, explosion, personal injury and vehicle damage.</i></p> <p><i>h Check terminal post arrangement carefully! Production varied. Vehicle could have been delivered with top or side terminal battery. Check BEFORE installation.</i></p>					
<b>Sunburst</b>					
1988-85 All	410 c	21R	—	3T-5859 π	145-4518 π
<p><i>c Hold-down, tray and/or cables may require modification or replacement to accommodate replacement battery. Watch polarity! Check BEFORE installation.</i></p>					
<b>Tempest (Canada)</b>					
1992-90 All	630 g	75	—	7X-6100	—
1989-87 4-cyl., w/ MT, V6	525 g	70	—	—	—
4-cyl., w/ AT & optional	630 g	75	—	7X-6100	—
<p><i>g Hood or cover clearance may not be sufficient. Be sure to check height clearance and polarity carefully before installation to avoid sparks, explosion, personal injury and vehicle damage.</i></p>					
<b>PORSCHE</b>					
2000-98 986 Boxter	650 d	48	—	8C-3605	—
2000-95 All 911, Carrera, 4 & Turbo	650 d	48	—	8C-3605	—
1997-95 Boxter, Carrera, 911	650 d	48	—	8C-3605	—
1996-92 968	570 d	91	—	8C-3605	—
1995-90 911 all ex. Turbo	570 d	48	—	8C-3605	—
928S, -S4, GT, GTS	570	48	—	8C-3605	—
1995 993	570	48	—	8C-3605	—
1994-89 Carrera 2, 4, 911RS	570 d	48	—	8C-3605	—
1994-91 911, Turbo	570 d	48	—	8C-3605	—
1991-83 944 S2	500 d	41	—	8C-3605	—
1989-87 928S, -S4, GT, GTS	570	48	—	8C-3605	—
1989-82 944, Turbo	500 d	41	—	8C-3605	—
1988-87 924S, 944S	500 d	41	—	8C-3605	—
1989-78 928S	650	49	—	8C-3605	—
1989-69 911, 911 Turbo	650	39	—	—	—
924	500	41	—	8C-3605	—
1976 912	500 c	41	—	8C-3605	—
<p><i>Special 12-volt: 11" x 7" x 7-1/2", assembly No. 15.</i></p>					
1976-70 914	235	42	—	8C-3605 π	—
1969-66 All	235	22NF	—	3T-5859 ∞	9X-1384 ∞
1965-56 All ex. Carrera	300	19L	—	8C-3617 Ω	—
<p><i>c Hold-down, tray and/or cables may require modification or replacement to accommodate replacement battery. Watch polarity! Check BEFORE installation.</i></p> <p><i>d Battery may be vented to outside of vehicle. For passenger safety, be sure to vent battery gasses to outside if required!</i></p>					
<b>RENAULT</b>					
<b>See "AMC/RENAULT"</b>					

MAKE EQUIPMENT TYPE YEAR/MODEL	CCA @ 0°F	O.E. BCI NO.	PREMIUM HIGH OUTPUT	GENERAL SERVICE	
				(U.S. ONLY)	
<b>ROLLS-ROYCE</b>					
1983-81 All	500	24	153-5656	3T-5857	9X-1383
<b>SAAB</b>					
2000-99 9-3 Sedan & Conv.	580	47	—	8C-3605 π ≠	145-4518 ≠
All 9-5 (4 cyl. & V6)	650	91	—	8C-3605	—
1998-94 All 900	600	47	—	8C-3605 π ≠	145-4518 ≠
1998-94 All 9000	570	41	—	8C-3605	—
1993-86 9000	450 g	47	—	8C-3605 π ≠	145-4518 ≠
1993-79 900	405 c	26	—	8C-3600	—
1980-75 99	410 c	24	153-5656	3T-5857	9X-1383
1984-71 All others	315 c	24F	—	3T-5858	9X-1382
1970-56 All	300 c	22F	—	3T-5859	9X-1384
<p><i>c Hold-down, tray and/or cables may require modification or replacement to accommodate replacement battery. Watch polarity! Check BEFORE installation.</i></p> <p><i>g Hood or cover clearance may not be sufficient. Be sure to check height clearance and polarity carefully before installation to avoid sparks, explosion, personal injury and vehicle damage.</i></p>					
<b>SATURN</b>					
2000-90 All	525 k,r	75	—	7X-6100	—
<p><i>k Flush cover battery required to fit under head shield and/or for proper hood clearance. Remove top or bottom height adjuster from battery if necessary.</i></p> <p><i>r Battery installation is moderately difficult. Expect to take 15 to 30 minutes to install.</i></p>					
<b>SIMCA</b>					
1971-55 All	290	24	153-5656	3T-5857	—
<b>STERLING</b>					
1991-89 827S, SL	675	34R	—	127-0826	145-4518
1988-87 825S, SL	500 g	47	—	8C-3605 π ≠	145-4518 ≠
<p><i>g Hood or cover clearance may not be sufficient. Be sure to check height clearance and polarity carefully before installation to avoid sparks, explosion, personal injury and vehicle damage.</i></p>					
<b>STUDEBAKER</b>					
1966-56 All ex. Avanti	320	24	153-5656	3T-5857	9X-1383
1963-62 Avanti after serial no.: R-4993	320	24	153-5656	3T-5857	9X-1383
Before serial no.: R-4993	350	3EE	—	8C-3620	—
1955-39 All	525	1	—	8C-3617	8T-9734
<b>SUBARU</b>					
2000-98 Forester w/ AT	520	35	—	—	145-4518
w/ MT	360	35	—	3T-5859	145-4518
2000-90 Legacy w/ MT	430	35	—	3T-5859	145-4518
All Legacy w/ AT	490	35	—	3T-5859 ¥	145-4518
2000-96 All Outback w/ MT	360	35	—	3T-5859	145-4518
All Outback w/ AT	520	35	—	—	145-4518
2000-96 All Impreza w/ AT	520	35	—	—	145-4518
2000-93 Impreza w/ MT	360	35	—	3T-5859	145-4518
1997-92 SVX	585 a	24	153-5656	3T-5857	9X-1383
1994-87 Justy	405 a	35	—	3T-5859	145-4518
1994-91 Loyale	405 a	25	—	8C-3600	145-4517
1991 XT	490 a	25	—	8C-3600	145-4517
1990 Legacy w/ MT	425 a	85	—	3T-5859	145-4518
1990-85 4-cyl., 1.8L	410 a	24	153-5656	3T-5857	9X-1383
Turbo	490 a	24	153-5656	3T-5857	9X-1383
1989-88 XT Coupe 6-cyl. w/ MT	340 a	25	—	8C-3600	145-4517
w/ AT	490 a	24	153-5656	3T-5857	9X-1383

**PROPOSITION 65 WARNING:** Battery posts, terminals and related accessories contain lead and lead compounds, chemicals known to the state of California to cause cancer and reproductive harm. **Wash hands after handling.**





# PASSENGER CAR SUBARU — TRIUMPH

**IMPORTANT NOTE: BATTERIES CAN EXPLODE! Always wear safety glasses AND shield eyes when working around batteries. Always check for proper polarity and sufficient terminal clearance BEFORE final installation to avoid dangerous sparks, potential explosion, possible severe personal injury and/or expensive electrical system and/or vehicle/equipment damage. Always check for proper polarity and sufficient clearances before connecting cables and closing hood or covers.**

MAKE EQUIPMENT TYPE YEAR/MODEL	CCA @ 0°F	O.E. BCI NO.	PREMIUM HIGH OUTPUT	GENERAL SERVICE	
				(U.S. ONLY)	
<b>SUBARU (continued)</b>					
1984-83 All	420 a	25	—	8C-3600	145-4517
Optional w/ AT	490 a	24	153-5656	3T-5857	9X-1383
1982-81 All: MT w/o PS	350 a	25	—	8C-3600	145-4517
MT w/ PS, AT w/o PS	410 a	24	153-5656	3T-5857	9X-1383
AT w/ PS	585 a	24	153-5656	3T-5857	9X-1383
1980-73 All	410 a	24	153-5656	3T-5857	9X-1383
a Best fit estimate. See note on page 1 and note above.					
<b>SUNBEAM</b>					
1970-56 All	305 a	24	153-5656	3T-5857	—
a Best fit estimate. See note on page 1 and note above.					
<b>SUZUKI</b>					
2000-95 Esteem (Sdn & Wgn), Swift	440	26R	—	3T-5859 ¥	145-4518
1994-89 Swift	435 a	51	—	—	—
a Best fit estimate. See note on page 1 and note above.					
<b>TOYOTA</b>					
<b>Avalon</b>					
2000-95 All	360 a,f	35	—	3T-5859	145-4518
Optional & Canada	585 a,f	24F	—	3T-5858	9X-1382
<b>Camry, Solara</b>					
2000-99 Camry, Solara 4-cyl.	360	35	—	3T-5859	145-4518
Optional, V6 & Canada	585	24F	—	3T-5858	9X-1382
2000-91 All 4-cyl.	380 a,f	35	—	3T-5859	145-4518
Optional & V6	585 a,f	24F	—	3T-5858	9X-1382
1991-88 All	380 a,f	35	—	3T-5859	145-4518
1987-83 All Gas	320 a,f	21R	—	3T-5859 π	145-4518 π
1986-83 All Diesel	560 a,f	24F	—	3T-5858	9X-1382
<b>Carina</b>					
1973-72 All	300 a,f	24F	—	3T-5858	9X-1382
<b>Celica</b>					
2000-93 All	360 a,f	35	—	3T-5859	145-4518
Canada & optional	420 a,f	35	—	3T-5859	145-4518
1992 All	490 a,f	24F	—	3T-5858	9X-1382
1991-86 All FWD	380 a,f	35	—	3T-5859	145-4518
1985-83 All w/ FI	365 a,f	24F	—	3T-5858	9X-1382
1983-82 All w/ 2V	365 a,f	24	153-5656	3T-5857	9X-1383
1981-71 All	365 a,f	24	153-5656	3T-5857	9X-1383
<b>Corolla</b>					
1999-94 All	360 a,f	35	—	3T-5859	145-4518
1993-91 Japan production	310 a,f	21R	—	3T-5859 π	145-4518 π
1991 U.S. production	310 a,f	22F	—	3T-5859	9X-1384
1990-82 All ex. Diesel	420 a,f	35	—	3T-5859	145-4518
1985-84 All Diesel	655 a,f	27F	—	8C-3602	3T-5858
1981-68 All	330 a,f	22F	—	3T-5859	9X-1384
<b>Corona, Mark II</b>					
1982-81 All	380 a,f	25	—	8C-3600	145-4517
1980-68 U.S. models	250 a,f	45	—	—	—
Optional & Canada	365 a,f	24	153-5656	3T-5857	9X-1383

MAKE EQUIPMENT TYPE YEAR/MODEL	CCA @ 0°F	O.E. BCI NO.	PREMIUM HIGH OUTPUT	GENERAL SERVICE	
				(U.S. ONLY)	
<b>Cressida</b>					
1993-83 All	450 a,f	27F	—	8C-3602	3T-5858
1982-78 All	365 a,f	24F	—	3T-5858	9X-1382
<b>Crown</b>					
1972-71 All	450 a,f	27	153-5656	8C-3601	127-0824
1970-68 All	365 a,f	24F	—	3T-5858	9X-1382
<b>Echo</b>					
2000 All	310	21	—	8C-3600	145-4517
<b>MR2</b>					
1995-85 All	380 a,f	35	—	3T-5859	145-4518
Optional	490 a,f	24F	—	3T-5858	9X-1382
<b>Paseo, Starlet</b>					
1997-92 Paseo	360 a,f	21	—	8C-3600	145-4517
Optional & Canada	410 a,f	25	—	8C-3600	145-4517
1984-80 Starlet	320 a,f	21	—	8C-3600	—
<b>Sienna</b>					
1999-98 All	585	24F	—	3T-5858	9X-1382
<b>Supra (Celica)</b>					
1998-94 All w/ MT	490 a,f	24F	—	3T-5858	9X-1382
1998-94 All w/ AT	585 a,f	24F	—	3T-5858	9X-1382
1993-79 All	450 a,f	27F	—	8C-3602	3T-5858
Optional & Canada	600 a,f	27F	—	8C-3602	3T-5858
<b>Tercel</b>					
1999-91 All	310 a,f	21	—	8C-3600	145-4517
Optional & Canada	410	25	—	8C-3600	145-4517
1990-89 All	350 a,f	35	—	3T-5859	145-4518
1988-87 All ex. Wagon	350 a,f	35	—	3T-5859	145-4518
Wagon	350 a,f	25	—	8C-3600	145-4517
1986-81 All	350 a,f	25	—	8C-3600	145-4517
a Best fit estimate. See note on page 1 and note above.					
f Watch polarity and clearance! Check terminal post arrangement carefully.					
Production varied. Vehicle could have been delivered with reverse terminal battery.					
Cable change may be necessary. Check BEFORE installation.					
<b>TRIUMPH</b>					
1981-80 TR8	330	42	—	8C-3605 π	—
1981-75 TR7	260	22NF	—	3T-5859 ∞	9X-1384 ∞
Spitfire	210	24	153-5656	3T-5857	—
1976-69 All	300	24	153-5656	3T-5857	—
1968 Spitfire Mark III (6 Volt)	350	1	—	8C-3617	8T-9734
TR4A, TR-250	350	31SAE	3T-5760	115-2422	8C-3627
1967-60 Herald, 1200, Sport Six, Spitfire	275 a	26	—	8C-3600	—
1967-54 TR2, 3, 3A, 3B, 4, 4A	350	31SAE	3T-5760	115-2422	8C-3627
1961-58 Trio	275 a	26	—	8C-3600	—
a Best fit estimate. See note on page 1 and note above.					

**PROPOSITION 65 WARNING:** Battery posts, terminals and related accessories contain lead and lead compounds, chemicals known to the state of California to cause cancer and reproductive harm. **Wash hands after handling.**

**IMPORTANT NOTE: BATTERIES CAN EXPLODE! Always wear safety glasses AND shield eyes when working around batteries. Always check for proper polarity and sufficient terminal clearance BEFORE final installation to avoid dangerous sparks, potential explosion, possible severe personal injury and/or expensive electrical system and/or vehicle/equipment damage. Always check for proper polarity and sufficient clearances before connecting cables and closing hood or covers.**

MAKE EQUIPMENT TYPE YEAR/MODEL	CCA @ 0°F		O.E. BCI NO.	PREMIUM HIGH OUTPUT	GENERAL SERVICE (U.S. ONLY)	
<b>VAUXHALL</b>						
1962-58 Victor	300	a.c	24	153-5656	3T-5857	—
1962-56 Velox, Cresta	400	a.c	27F	—	8C-3602	3T-5858
1957-56 Wyvern	300	a.c	24	153-5656	3T-5857	—
<p>a Best fit estimate. See note on page 1 and note above.                      c Hold-down, tray and/or cables may require modification or replacement to accommodate replacement battery. Watch polarity! Check BEFORE installation.</p>						
<b>VOLKSWAGEN</b>						
2000-99 Passat	600		48	—	8C-3605	—
2000-99 Beetle: Gas	480		47	—	8C-3605 π ≠	145-4518 ≠
2000-99 Beetle: Diesel	640		48	—	8C-3605	—
2000-99 Golf, Jetta Gas	480		47	—	8C-3605 π ≠	145-4518 ≠
2000-99 Jetta w/ Direct Inj. (TDI) Diesel	640		94R	—	—	—
1998 GTI, Cabrio	575		97R	—	—	—
1998 Golf, Jetta: Gas	575		97R	—	—	—
Direct Injection Diesel	620		98R	—	—	—
Canada Diesel	650		41	—	8C-3605	—
1998 Passat	570		48	—	8C-3605	—
1998-94 Golf, Jetta, GTI, Passat ex. TDI Diesel	460		42	—	8C-3605 π	—
1998-97 Golf, GTI & Passat TDI Diesel ex. Canada	620		98R	—	—	—
1997 Golf & Jetta Diesel, Canada	650		41	—	8C-3605	—
Corrado, Passat, Cabrio	460		42	—	8C-3605 π	—
All optional & Diesel	650		41	—	8C-3605	—
1994-88 All ex. Diesel	500	d	41	—	8C-3605	—
Diesel & Optional	650	d	41	—	8C-3605	—
1993-90 Fox, Golf, Jetta (gas)	575		41	—	8C-3605	—
1993 Corrado, Passat, Cabriolet	475	g	47	—	8C-3605 π ≠	145-4518 ≠
1987-86 All ex. Jetta, Diesel	435	d	41	—	8C-3605	—
Jetta	365		42	—	8C-3605 π	—
Jetta w/ AC	435		41	—	8C-3605	—
All Diesel	650		41	—	8C-3605	—
1985-82 Rabbit 2V w/o AC	365		42	—	8C-3605 π	—
All others	435		41	—	8C-3605	—
Canada & Diesel	650		41	—	8C-3605	—
1981-77 All ex. Canada, Diesel	365		42	—	8C-3605 π	—
Optional, Canada & Diesel	500		41	—	8C-3605	—
1976-75 All ex. Scirocco	365		42	—	8C-3605 π	—
Scirocco	435		41	—	8C-3605	—
1974-67 All	365		42	—	8C-3605 π	—
1966-53 All	350		19L	—	8C-3617 Ω	—
<p>d Battery may be vented to outside of vehicle. For passenger safety, be sure to vent battery gasses to outside if required!                      g Hood or cover clearance may not be sufficient. Be sure to check height clearance and polarity carefully before installation to avoid sparks, explosion, personal injury and vehicle damage.</p>						
<b>VOLVO</b>						
2000 S80 & S40	600		48	—	8C-3605	—
S70	420		47	—	8C-3605 π ≠	145-4518 ≠
Optional	520		47	—	8C-3605 π ≠	145-4518 ≠
V40 Wagon	600		48	—	8C-3605	—
All V70 & C70 Coupe	420		47	—	8C-3605 π ≠	145-4518 ≠
Optional	520		47	—	8C-3605 π ≠	145-4518 ≠
C70 Conv.	600		48	—	8C-3605	—
1999 S80 Sedan	570		47	—	8C-3605 π ≠	145-4518 ≠
1999-98 C70, V70, S70	520	a.d	47	—	8C-3605 π ≠	145-4518 ≠
1998 V90, S90	600	d	48	—	8C-3605	—
1997-93 940, 850	500	a.c	47	—	8C-3605 π ≠	145-4518 ≠
Optional	570	a.c	48	—	8C-3605	—
960	570	a.c	48	—	8C-3605	—

MAKE EQUIPMENT TYPE YEAR/MODEL	CCA @ 0°F		O.E. BCI NO.	PREMIUM HIGH OUTPUT	GENERAL SERVICE (U.S. ONLY)	
<b>VOLVO (continued)</b>						
1994-93 240	500	a.c	47	—	8C-3605 π ≠	145-4518 ≠
1997-92 960	520	a.c	NA	—	—	—
Special 12-volt: 8" x 6-3/4" x 8", assembly No. 23 with off-set terminals.						
1992-91 240	500	a.c,g	47	—	8C-3605 π ≠	145-4518 ≠
740, 940	440	a.c	NA	—	—	—
Special 12-volt: 8" x 6-3/4" x 8", assembly No. 23 with off-set terminals.						
1990 4-cyl. ex. DOHC, Turbo	460	a.c,g	47	—	8C-3605 π ≠	145-4518 ≠
V6 & other 4-cyl.	500	a.c	48	—	8C-3605	—
1989 240 DL, GL	460	a.c,g	47	—	8C-3605 π ≠	145-4518 ≠
740 & 760 GL, Turbo	460	a.c,g	47	—	8C-3605 π ≠	145-4518 ≠
740 GLE, 760 GLE, 780	500	a.c	48	—	8C-3605	—
1988 240, 740, 760	460	a.c,g	47	—	8C-3605 π ≠	145-4518 ≠
780	500	a.c	48	—	8C-3605	—
1987-85 DL, GL, Turbo	450	a.c	46	153-5656 ≠	127-0824 ≠	—
740, 760 ex. Diesel	500	a.c	48	—	8C-3605	—
1986-85 Diesel	600	a.c	49	—	8C-3605	—
1984-81 4-cyl.	360	a.c	46	153-5656 ≠	127-0824 ≠	—
1984-80 6-cyl., ex. Diesel	450	a.c	46	153-5656 ≠	127-0824 ≠	—
Diesel	600	a.c	49	—	8C-3605	—
1980 All ex. Diesel	450	a.c	46	153-5656 ≠	127-0824 ≠	—
1979-76 240 Series	360	a.c	46	153-5656 ≠	127-0824 ≠	—
260 Series	450	a.c	46	153-5656 ≠	127-0824 ≠	—
1975-69 140, 240, 165 Series	360	a.c	46	153-5656 ≠	127-0824 ≠	—
1973-69 All others	315	a.c	24	153-5656	3T-5857	—
1968-67 144S	315	a.c	24F	—	3T-5858	9X-1382
1968-63 P1800 ex. early '63	315	a.c	24	153-5656	3T-5857	—
1963 Early P1800	300	j	31SAE	3T-5760	115-2422	8C-3627
1968-62 544, 122S (B18 engine)	315	a.c	24	153-5656	3T-5857	—
1962-56 444, 445, 544, 122S (B14 & 16 engine)	350	a.c	19L	—	8C-3617 Ω	—
<p>a Best fit estimate. See note on page 1 and note above.                      c Hold-down, tray and/or cables may require modifications or replacement to accommodate replacement battery. Watch polarity! Check BEFORE installation.                      d Battery may be vented to outside of vehicle. For passenger safety, be sure to vent battery gasses to outside if required.                      g Hood or cover clearance may not be sufficient. Be sure to check height clearance and polarity carefully before installation to avoid sparks, explosion, personal injury and vehicle damage.                      j Group 31 size battery with SAE type terminal posts.</p>						
<b>YUGO</b>						
1989-86 All models	370	c	42	—	8C-3605 π	—
<p>c Hold-down, tray and/or cables may require modification or replacement to accommodate replacement battery. Watch polarity! Check BEFORE installation.</p>						

**PROPOSITION 65 WARNING:** Battery posts, terminals and related accessories contain lead and lead compounds, chemicals known to the state of California to cause cancer and reproductive harm. **Wash hands after handling.**



# LIGHT TRUCKS, VANS & MINI-VANS

## ACURA — CHEVROLET/GMC

**IMPORTANT NOTE: BATTERIES CAN EXPLODE! Always wear safety glasses AND shield eyes when working around batteries. Always check for proper polarity and sufficient terminal clearance BEFORE final installation to avoid dangerous sparks, potential explosion, possible severe personal injury and/or expensive electrical system and/or vehicle/equipment damage. Always check for proper polarity and sufficient clearances before connecting cables and closing hood or covers.**

MAKE EQUIPMENT TYPE YEAR/MODEL	CCA @ 0°F	O.E. BCI NO.	PREMIUM HIGH OUTPUT	GENERAL SERVICE	
				(U.S. ONLY)	
<b>ACURA</b>					
2000-96 SLX w/ MT	490	24	153-5656	3T-5857	9X-1383
SLX w/ AT	585	24	153-5656	3T-5857	9X-1383
All optional	620	27	153-5656	8C-3601	127-0824
<b>AM GENERAL</b>					
2000-93 Hummer	770	b,g 78	153-5660 ≈	127-0826 ≈	—
<p><i>b Two batteries required. For best results, replace both batteries at the same time.</i>  <i>g Hood or cover clearance may not be sufficient. Be sure to check height clearance and polarity carefully before installation to avoid sparks, explosion, personal injury and vehicle damage.</i></p>					
<b>ASUNA (CANADA)</b>					
1993 Sunrunner	525	a 26	—	8C-3600 ¥	145-4517
<p><i>a Best fit estimate. See note on page 1 and note above.</i></p>					
<b>BMW</b>					
2000 X5-4.4L	825	49	—	8C-3605 ¥	—
<b>CADILLAC</b>					
2000-99 All Escalade	770	78	153-5660 ≈	127-0826 ≈	—
<b>CHEVROLET/GMC</b>					
<b>Astro, Safari, M Series, M Van</b>					
2000-91 All	600	g 78	153-5660 ≈	127-0826 ≈	7X-6100
1990-87 All	525	g 75	153-5660 Ω	7X-6100	—
Optional	630	g 78	153-5660 ≈	127-0826 ≈	7X-6100
1986-85 4-cyl., 2.5L(151)	405	g 70	—	7X-6100	—
V6, 4.3L(262)	500	75	—	7X-6100	—
<p><i>g Hood or cover clearance may not be sufficient. Be sure to check height clearance and polarity carefully before installation to avoid sparks, explosion, personal injury and vehicle damage.</i></p>					
<b>S-, ST-Series: Blazer, Jimmy, S-10, S-15 Pickup, Sonoma, Typhoon</b>					
2000-87 All	525	75	—	7X-6100	—
2000-95 All optional	690	75	—	7X-6100 ¥	—
1994-87 All optional	630	g 78	153-5660 ≈	127-0826 ≈	7X-6100
1986-85 4-cyl., 2.5L(151)	405	g 70	153-5660 Ω	7X-6100	—
Optional	550	g 78	153-5660 ≈	127-0826 ≈	7X-6100
V6, 2.8L(173)	525	g 70	153-5660 Ω	7X-6100	—
1985-84 4-cyl. Diesel	770	g 78	—	127-0826 ≈	—
1985-82 4-cyl.	405	g 70	—	7X-6100	—
V6, 2.8L(173)	315	g 70	—	7X-6100	—
1985-83 Optional	550	g 78	153-5660 ≈	127-0826 ≈	7X-6100
<p><i>g Hood or cover clearance may not be sufficient. Be sure to check height clearance and polarity carefully before installation to avoid sparks, explosion, personal injury and vehicle damage.</i></p>					
<b>Caballero, Diablo, El Camino, Sprint</b>					
1988-85 V6, 4.3L	630	g 75	—	7X-6100	—
V8, 5.0L	525	g 75	—	7X-6100	—
1984-83 V6, 3.8L(231)	315	g 70	153-5660 Ω	7X-6100	—
Optional	550	g 78	153-5660 ≈	127-0826 ≈	7X-6100
V6, 3.8L(229), V8, 5.0L	405	g 70	153-5660 Ω	7X-6100	—
Optional	500	g 75	153-5660 Ω	7X-6100	—
Diesel (1984)	405	b,g 70	153-5660 Ω	7X-6100	—
Diesel (1983)	525	b,g 75	153-5660 Ω	7X-6100	—
Optional Diesel	550	b,g 78	153-5660 ≈	127-0826 ≈	7X-6100

MAKE EQUIPMENT TYPE YEAR/MODEL	CCA @ 0°F	O.E. BCI NO.	PREMIUM HIGH OUTPUT	GENERAL SERVICE	
				(U.S. ONLY)	
<b>Caballero, Diablo, El Camino, Sprint (continued)</b>					
1982-81 All ex. Diesel	405	g 70	153-5660 Ω	7X-6100	—
All optional	465	g 73	153-5660 Ω	7X-6100	—
Diesel	465	b,g 73	153-5660 Ω	7X-6100	—
Optional Diesel	550	b 74	153-5660	—	—
1980-78 All	350	g 71	153-5660 Ω	7X-6100	—
1979-78 All optional	505	74	153-5660	—	—
1977-71 All 6-cyl.	350	g 71	153-5660 Ω	7X-6100	—
All V8	465	74	153-5660	—	—
1970 All	340	h 24	153-5656	3T-5857	9X-1383
1969-65 All	320	22F	—	3T-5859	9X-1384
1964-60 All	340	24	153-5656	3T-5857	9X-1383
<p><i>b Two batteries required. For best results, replace both batteries at same time.</i>  <i>g Hood or cover clearance may not be sufficient. Be sure to check height clearance and polarity carefully before installation to avoid sparks, explosion, personal injury and vehicle damage.</i>  <i>h Check terminal post arrangement carefully! Production varied. Vehicle could have been delivered with top or side terminal battery. Check BEFORE installation.</i></p>					
<b>Corvaire Pickup</b>					
1965-61 All	260	53	—	—	—
<b>Lumina, Lumina APV</b>					
2000-97 All	600	r 78	153-5660 ≈	127-0826 ≈	7X-6100
1996-90 All	630	r 75	—	7X-6100	—
<p><i>r Battery installation is moderately difficult. Expect to take 15 to 30 minutes to install.</i></p>					
<b>C, CK, R, RV, K, V-Series: Pickups, Suburbans: Cheyenne, Fleetside, Scottsdale, Sierra, Silverado, Tahoe, Venture, Yukon</b>					
2000-99 All Silverado & Sierra	600	78	153-5660 ≈	127-0826 ≈	7X-6100
Optional for above	770	78	—	127-0826 ≈	—
2000-98 All ex. w/ SEO & Diesel	600	78	153-5660 ≈	127-0826 ≈	7X-6100
V8 6.5L	600	b 78	153-5660 ≈	127-0826 ≈	7X-6100
V8 5.7L w/ SEO	770	78	—	127-0826 ≈	—
1997-94 All ex. Diesel	600	g 78	153-5660 ≈	127-0826 ≈	7X-6100
Diesel	770	g 78	—	127-0826 ≈	—
1993-92 V8, 6.2L Diesel	570	b 75	—	7X-6100	—
1993-91 V6, V8	630	g 78	153-5660 ≈	127-0826 ≈	7X-6100
Auxiliary, all	550	g 78	153-5660 ≈	127-0826 ≈	7X-6100
1991 V8, 6.2L Diesel	550	b,g 78	153-5660 ≈	127-0826 ≈	7X-6100
1990-87 V6, 4.3L	525	g 75	153-5660 Ω	7X-6100	—
6-cyl., 4.8L(292)	630	g 78	153-5660 ≈	127-0826 ≈	7X-6100
V8, 5.0L, 5.7L	525	g 75	153-5660 Ω	7X-6100	—
All optional & V8 7.4L	630	g 78	153-5660 ≈	127-0826 ≈	7X-6100
V8, Diesel: Pickup	570	b,g 75	153-5660 Ω	7X-6100	—
Blazer, Jimmy, Suburban	550	g 78	153-5660 ≈	127-0826 ≈	7X-6100
Auxiliary, all	550	g 78	153-5660 ≈	127-0826 ≈	7X-6100
1986 6-cyl., 4.8L(292)	405	g 70	153-5660 Ω	7X-6100	—
V8, ex. 7.4L & Diesel	405	g 70	153-5660 Ω	7X-6100	—
All optional	550	g 78	153-5660 ≈	127-0826 ≈	7X-6100
V8, 7.4L(454) & Diesel	550	g 78	153-5660 ≈	127-0826 ≈	7X-6100
1986-84 V6, 4.3L(262)	500	g 75	153-5660 Ω	7X-6100	—
ex. 7.4L, Diesel	390	g 71	153-5660 Ω	7X-6100	—
V8, 7.4L, optional	550	g 78	153-5660 ≈	127-0826 ≈	7X-6100
V8 Diesel	550	b,g 78	153-5660 ≈	127-0826 ≈	7X-6100
1983-82 Blazer: All ex. Diesel	405	g 70	153-5660 Ω	7X-6100	—
Diesel & Optional	550	b,g 78	153-5660 ≈	127-0826 ≈	7X-6100
Pickup and Suburban:					
6-cyl., V8 ex. Diesel	405	g 70	153-5660 Ω	7X-6100	—
V8 Diesel & Optional	550	b,g 78	153-5660 ≈	127-0826 ≈	7X-6100

**PROPOSITION 65 WARNING:** Battery posts, terminals and related accessories contain lead and lead compounds, chemicals known to the state of California to cause cancer and reproductive harm. **Wash hands after handling.**

BATTERY SAFETY  
CATERPILLAR EQUIP.  
INDUSTRIAL EQUIPMENT  
FARM EQUIPMENT  
TRUCKS & BUSES  
AUTO & LTV  
L & G / SMALL ENGINE  
REFERENCE

# LIGHT TRUCKS, VANS & MINI-VANS

## CHEVROLET/GMC — CHRYSLER/DODGE/PLYMOUTH

**IMPORTANT NOTE: BATTERIES CAN EXPLODE!** Always wear safety glasses AND shield eyes when working around batteries. Always check for proper polarity and sufficient terminal clearance BEFORE final installation to avoid dangerous sparks, potential explosion, possible severe personal injury and/or expensive electrical system and/or vehicle/equipment damage. Always check for proper polarity and sufficient clearances before connecting cables and closing hood or covers.

MAKE EQUIPMENT TYPE YEAR/MODEL	CCA @ 0°F	O.E. BCI NO.	PREMIUM HIGH OUTPUT	GENERAL SERVICE	
				(U.S. ONLY)	
<b>C, CK, R, RV, K, V-Series: Pickups, Suburbans: Cheyenne, Fleetside, Scottsdale, Sierra, Silverado, Tahoe, Venture, Yukon (continued)</b>					
1982 6-cyl. & Diesel	350	g	71	153-5660 Ω	7X-6100
7.4L(454)	465		74	153-5660	—
V8 Diesel	550		74	153-5660	—
1981 6-cyl., V8 ex. Diesel	370	g	70	153-5660 Ω	7X-6100
V8 Diesel	465	b,g	73	153-5660 Ω	7X-6100
1980-79 V8, 7.4L(454)	550		74	153-5660	—
1980-77 6-cyl.	350	g	71	153-5660 Ω	7X-6100
V8 ex. 7.4L & Diesel	400	g	71	153-5660 Ω	7X-6100
1980-76 V8 Diesel	550	b	74	153-5660	—
1978-75 V8, 7.4L(454)	465		74	153-5660	—
1976-70 6-cyl.	275	g	72	153-5660 Ω	7X-6100
V-8	340		74	153-5660	—
1970-60 All	340	h	24	153-5656	3T-5857 9X-1383

*b* Two batteries required. For best results, replace both batteries at the same time.  
*g* Hood or cover clearance may not be sufficient. Be sure to check height clearance and polarity carefully before installation to avoid sparks, explosion, personal injury and vehicle damage.  
*h* Check terminal post arrangement carefully! Production varied. Vehicle could have been delivered with top or side terminal battery. Check BEFORE installation.

<b>G-Series, P-Series: Vans</b>					
1999-94 G-Series Van ex. V8 Diesel	600		78	153-5660 =	127-0826 = 7X-6100
2000-99 V8 Diesel	600	b	78	153-5660 =	127-0826 = 7X-6100
Optional for above	690	g	78	153-5660 =	127-0826 = 7X-6100
1997-91 V6, V8 ex. Diesel	630	g	78	153-5660 =	127-0826 = 7X-6100
1993-91 V8, 6.2L Diesel	630	b,g	78	153-5660 =	127-0826 = 7X-6100
1990 V6, V8 ex. below	525	g	75	153-5660 Ω	7X-6100
V8, 6.2L Diesel	550	b,g	78	153-5660 =	127-0826 = 7X-6100
V8, 7.4L	630	g	78	153-5660 =	127-0826 = 7X-6100
1989-87 V6, V8 ex. Diesel	525	g	75	153-5660 Ω	7X-6100
All optional	630	g	78	153-5660 =	127-0826 = 7X-6100
V8, 6.2L Diesel	550	b,g	78	153-5660 =	127-0826 = 7X-6100
1986-83 V6, 4.3L	500	g	75	153-5660 Ω	7X-6100
V8 ex. Diesel LPG	390	g	71	153-5660 Ω	7X-6100
Optional V6 & V8	550	g	78	153-5660 =	127-0826 = 7X-6100
V8 Diesel	550	b,g	78	153-5660 =	127-0826 = 7X-6100
1984-83 6-cyl., & V8 LPG	405	g	70	153-5660 Ω	7X-6100
Optional	550	g	78	153-5660 =	127-0826 = 7X-6100
1982 All ex. V8 ex. 7.4L(454)	350	g	71	153-5660 Ω	7X-6100
All optional & V8 7.4L	465		74	153-5660	—
1981 All	370	g	70	153-5660 Ω	7X-6100
1980-79 V8, 7.4L(454)	550		74	153-5660	—
1980-71 All ex. 7.4L(454)	350	g	71	153-5660 Ω	7X-6100
1978-71 V8, 7.4L(454)	465		74	153-5660	—
1970-60 All	340	h	24	153-5656	3T-5857 9X-1383

*b* Two batteries required. For best results, replace both batteries at the same time.  
*g* Hood or cover clearance may not be sufficient. Be sure to check height clearance and polarity carefully before installation to avoid sparks, explosion, personal injury and vehicle damage.  
*h* Check terminal post arrangement carefully! Production varied. Vehicle could have been delivered with top or side terminal battery. Check BEFORE installation.

### CHEVROLET/GMC, GEO, LUV IMPORT

2000 All Tracker	390		26R	—	— 145-4518
1999 All Tracker	550		85	—	3T-5859 145-4518
1998-95 Tracker	500	a	26R	—	3T-5859 ¥ 145-4518
1994-90 Tracker	500	a	26	—	8C-3600 145-4517
1989 Tracker	440	a	45	—	—
1982-72 Luv	260	a	24	153-5656	3T-5857 9X-1383
Diesel	650	a	27	153-5656	8C-3601 127-0824

*a* Best fit estimate. See note on page 1 and note above.

MAKE EQUIPMENT TYPE YEAR/MODEL	CCA @ 0°F	O.E. BCI NO.	PREMIUM HIGH OUTPUT	GENERAL SERVICE	
				(U.S. ONLY)	
<b>CHRYSLER/DODGE/PLYMOUTH</b>					
<b>Arrow, Raider, Ram 50, Power Ram 50, D-50</b>					
1993-92 All ex. Canada	435	a	51	—	—
Canada & 93 V6	490	a	24	153-5656	3T-5857 9X-1383
All optional	585	a	24	153-5656	3T-5857 9X-1383
1991 Power Ram 50 4WD:					
4-cyl., 2.4L	435	a	51	—	—
V6, 3.0L	490	a	24	153-5656	3T-5857 9X-1383
1991-90 Ram 50 2WD, 4WD	435	a	51	—	—
Optional	585	a	24	153-5656	3T-5857 9X-1383
1989 Raider: 4-cyl., 2.6L	435	a	51	—	—
V6, 3.0L & Optional	585	a	24	153-5656	3T-5857 9X-1383
Ram 50, Power Ram 50	435	a	51	—	—
Optional, 2WD only	585	a	24	153-5656	3T-5857 9X-1383
1988 All	425	a	25	—	8C-3600 145-4517
1987-86 All	425	a	25	—	8C-3600 145-4517
Optional	600	a	25	—	—
1985-83 Gas ex. Canada	425	a	25	—	8C-3600 145-4517
Canada	500	a	24	153-5656	3T-5857 9X-1383
Diesel	700	a	27	153-5656 ¥	8C-3601 127-0824
1982-79 All	410	a	24	153-5656	3T-5857 9X-1383
1978-57 All	375		24	153-5656	3T-5857 9X-1383
Optional	440		27	153-5656	8C-3601 127-0824

*a* Best fit estimate. See note on page 1 and note above.

### Pickups, Vans, Ramcharger, Trailduster (Dakota, AD, AW, B, PB, W, D-Series, Durango), 1500-3500 Series

2000-92 All Dodge Ram Wgn & Dakota					
ex. Diesel and V-10	600	r	27	153-5656	8C-3601 127-0824
All Dodge Ram 3.9L, 5.2L & 5.9L	600	r	27	153-5656	8C-3601 127-0824
V-10 8.0L	750		27	153-5656 ¥	8C-3601 127-0824
All Optional	750		27	153-5656 ¥	8C-3601 127-0824
2000-82 All Diesel	750	b,r	27	153-5656 ¥	8C-3601 127-0824
2000-98 B-Series Van, Durango	600	r	27	153-5656	8C-3601 127-0824
Optional	750		27	153-5656 ¥	8C-3601 127-0824
2000-94 1500-3500 Pickups:					
V6, V8: Gas	600	r	27	153-5656	8C-3601 127-0824
V10	750		27	153-5656 ¥	8C-3601 127-0824
Diesel (req. 2 batts.)	750	b,r	27	153-5656 ¥	8C-3601 127-0824
2000-92 Dakota	600		27	153-5656	8C-3601 127-0824
Optional	750		27	153-5656 ¥	8C-3601 127-0824
B-Series Van:					
All ex. Cutaway	600		27	153-5656	8C-3601 127-0824
T-Series Cutaway	700	k	27	153-5656	8C-3601 127-0824
D, W-Series Pickup:					
All ex. Diesel	500		27	153-5656	8C-3601 127-0824
Optional	700		27	153-5656	8C-3601 127-0824
Diesel	1000		30H	115-2422	—
1993-89 Ramcharger	610		27	153-5656	— 127-0824
1991-89 Dakota	520		34	153-5656 =	127-0826 3T-5857 =
Optional	750	g	34	—	127-0826 3T-5857
B-Series Van:					
V6, 3.9L, V8, 5.2L	520		34	153-5656 =	127-0826 3T-5857 =
Optional, V8, 5.9L	750	g	34	—	127-0826
T-Series Cutaway	700		27	153-5656	8C-3601 127-0824
D, W-Series Pickup:					
All ex. Diesel	520		34	153-5656 =	127-0826 3T-5857 =
Optional	750	g	34	—	127-0826
Diesel	1000		30H	115-2422	—

**PROPOSITION 65 WARNING:** Battery posts, terminals and related accessories contain lead and lead compounds, chemicals known to the state of California to cause cancer and reproductive harm. **Wash hands after handling.**





# LIGHT TRUCKS, VANS & MINI-VANS

## CHRYSLER/DODGE/PLYMOUTH — FORD

**IMPORTANT NOTE: BATTERIES CAN EXPLODE! Always wear safety glasses AND shield eyes when working around batteries. Always check for proper polarity and sufficient terminal clearance BEFORE final installation to avoid dangerous sparks, potential explosion, possible severe personal injury and/or expensive electrical system and/or vehicle/equipment damage. Always check for proper polarity and sufficient clearances before connecting cables and closing hood or covers.**

MAKE EQUIPMENT TYPE YEAR/MODEL	CCA @ 0°F	O.E. BCI NO.	PREMIUM HIGH OUTPUT	GENERAL SERVICE	
				(U.S. ONLY)	
<b>Pickups, Vans, Ramcharger, Trailduster (Dakota, AD, AW, B, PB, W, D-Series) (continued)</b>					
1988 Dakota: 4-cyl., 2.2L, V6, 3.9L	520	34	153-5656 ≈	127-0826	3T-5857 ≈
All optional	750 g	34	—	127-0826	—
B-Series Vans	520	34	153-5656 ≈	127-0826	3T-5857 ≈
Optional	750 g	34	—	127-0826	—
Van Conversions	700 k	27	153-5656	8C-3601	127-0824
T-Series Cutaway	700 k	27	153-5656	8C-3601	127-0824
RamCharger	520	34	153-5656 ≈	127-0826	3T-5857 ≈
D, W-Series Pickups	520	34	153-5656 ≈	127-0826	3T-5857 ≈
Optional	750 g	34	—	127-0826	—
1987 All ex. Dakota: 6-cyl., V8, 5.2L(318)	400	34	153-5656 ≈	127-0826	3T-5857 ≈
V8, 5.9L(360) & Optional	500	34	153-5656 ≈	127-0826	3T-5857 ≈
Dakota: 4-cyl., 2.2L	335	26	—	8C-3600	145-4517
Optional & V6, 3.9L	400	34	153-5656 ≈	127-0826	3T-5857 ≈
1986-85 All: 6-cyl., V8, 5.2L(318)	400	34	153-5656 ≈	127-0826	3T-5857 ≈
V8, 5.9L(360) & optional	500	34	153-5656 ≈	127-0826	3T-5857 ≈
1984-83 All ex. 5.9L(360)	370	25	—	8C-3600	145-4517
V8, 5.9L(360) & optional	500	24	153-5656	3T-5857	9X-1383
1982 All 4-cyl.	425	25	—	8C-3600	145-4517
1982-80 All 6-cyl. V8, 5.2L(318)	325	24	153-5656	3T-5857	9X-1383
V8, 5.9L(360)	375	24	153-5656	3T-5857	9X-1383
Optional	425	25	—	8C-3600	145-4517
1979-78 All 6-cyl., V8, 5.2L(318)	305	24	153-5656	3T-5857	9X-1383
V8, 5.9L(360), 6.6L(400)	375	24	153-5656	3T-5857	9X-1383
Optional	500	27	153-5656	8C-3601	127-0824
1979 V8, 7.2L(440)	425	25	—	8C-3600	145-4517
1978 V8, 7.2L(440)	440	27	153-5656	8C-3601	127-0824
Diesel	440 b	27	153-5656	8C-3601	127-0824
1977-57 All	375	24	153-5656	3T-5857	9X-1383
Diesel & Optional	440 b	27	153-5656	8C-3601	127-0824
<p><i>b Two batteries required. For best results, replace both batteries at the same time.</i>  <i>g Hood or cover clearance may not be sufficient. Be sure to check height clearance and polarity carefully before installation to avoid sparks, explosion, personal injury and vehicle damage.</i>  <i>k Flush cover battery required to fit under heat shield and/or for proper hood clearance. Remove top or bottom height adjuster from battery if necessary.</i>  <i>r Battery installation is moderately difficult. Expect to take 15 to 30 minutes to install.</i></p>					
<b>Caravan, Mini-Vans, Rampage, Scamp, Town &amp; Country, Voyager</b>					
2000-98 Voyager: 4-cyl.	600	34	153-5656 ≈	127-0826	3T-5857 ≈
2000-98 Town & Country & Voyager					
V6 3.0L, 3.3L	500	34	153-5656 ≈	127-0826	3T-5857 ≈
2000-98 Caravan: 4-cyl., V6 3.8L	600	34	153-5656 ≈	127-0826	3T-5857 ≈
V6 3.0L, 3.3L	500	34	153-5656 ≈	127-0826	3T-5857 ≈
Optional & V6 3.8L	685	34	153-5656 ≈	127-0826	3T-5857 ≈
2000-98 Town & Country: 3.3L	500	34	153-5656 ≈	127-0826	3T-5857 ≈
3.8L & Optional	685	34	153-5656 ≈	127-0826	3T-5857 ≈
1998-92 All 4-cyl. Caravan & Voyager	600	34	153-5656 ≈	127-0826	3T-5857 ≈
1998-92 All V6 Caravan & Voyager	500	34	153-5656 ≈	127-0826	3T-5857 ≈
1997 Caravan, Voyager 4-cyl.	600	34	153-5656 ≈	127-0826	3T-5857 ≈
1997-92 V6, 3.0L, 3.3L	500	34	153-5656 ≈	127-0826	3T-5857 ≈
1997-90 Town & Country	625	34	153-5656 ≈	127-0826	3T-5857 ≈
1996-92 Caravan, Voyager 4-cyl.	520	34	153-5656 ≈	127-0826	3T-5857 ≈
1991 Caravan, Voyager, Mini-Ram	625	34	153-5656 ≈	127-0826	3T-5857 ≈
1990 Caravan, Voyager, Mini-Ram	500	34	153-5656 ≈	127-0826	3T-5857 ≈
1989-88 All	500	34	153-5656 ≈	127-0826	3T-5857 ≈
1987 All 4-cyl.	335	26	—	8C-3600	—
V6, 3.0L & optional	500	34	153-5656 ≈	127-0826	3T-5857 ≈

MAKE EQUIPMENT TYPE YEAR/MODEL	CCA @ 0°F	O.E. BCI NO.	PREMIUM HIGH OUTPUT	GENERAL SERVICE	
				(U.S. ONLY)	
<b>Caravan, Mini-Vans, Rampage, Scamp, Town &amp; Country, Voyager (continued)</b>					
1985-86 Caravan, Voyager, Mini-Ram	500	34	153-5656 ≈	127-0826	3T-5857 ≈
1984 Caravan, Voyager, Mini-Ram	335	26	—	8C-3600	—
Optional	500	34	153-5656 ≈	127-0826	3T-5857 ≈
1984-82 Rampage	335	26	—	8C-3600	—
1983 Scamp	335	26	—	8C-3600	—
1982-78 All	335	26	—	8C-3600	—
<b>DAIHATSU</b>					
1992-90 Rocky	510	26R	—	—	145-4518
<b>DODGE</b>					
See "CHRYSLER/DODGE/PLYMOUTH"					
<b>FORD LIGHT TRUCKS &amp; VANS</b>					
<b>Aerostar</b>					
1997-90 All	650	65	—	9X-5408	—
1989 All from 10-1-88	650	65	—	9X-5408	—
1989-88 All to 10-1-88	535	64	—	8C-3611	—
1987 All ex. Canada	450	63	—	8C-3611	—
All Canada, optional	535	64	—	8C-3611	—
1986 All	450	63	—	8C-3611	—
Optional all	535	64	—	8C-3611	—
<b>F-Series Pickup, Ranchero, Bronco</b>					
2000-97 F150, F250, F250 LD	540	59	—	—	—
w/ Trailer tow & Canada	750	65	—	9X-5408	—
All other F-Series	650	65	—	9X-5408	—
Diesel & Auxiliary	750 b	65	—	9X-5408	—
1996-87 All ex. Diesel	650	65	—	9X-5408	—
Diesel & Optional	850 b	65	—	9X-5408	—
1986 All	535	64	—	8C-3611	—
V8 Diesel	700 b	27	153-5656	8C-3601	127-0824
1985-83 6-cyl., V8 ex. Diesel	450	63	—	8C-3611	—
All optional	535	64	—	8C-3611	—
Diesel	700 b	27	153-5656	8C-3601	127-0824
Auxiliary	350 l	24F	—	3T-5858	9X-1382
1982-80 V8, 6.6L(400)	380	62	—	8C-3611	—
V8 7.5L(460) w/ MT	380	62	—	8C-3611	—
w/ AT or AC	535	64	—	8C-3611	—
All others w/ MT	380	62	—	8C-3611	—
w/ AT or AC	380	62	—	8C-3611	—
Optional	535	64	—	8C-3611	—
Auxiliary	350 l	24F	—	3T-5858	9X-1382
1979-78 All	330	22F	—	3T-5859	9X-1384
Optional all	475	24F	—	3T-5858	9X-1382
1977-65 All	425	24F	—	3T-5858	9X-1382
1964 All	335	22NF	—	3T-5859 ∞	9X-1384 ∞
<p><i>b Two batteries required. For best results, replace both batteries at the same time.</i>  <i>l Deep cycling type battery required. Watch polarity. Cables may need to be changed.</i></p>					
<b>Bronco II, Excursion, Expedition, Explorer, Ranger</b>					
2000 Excursion	650	65	—	9X-5408	—
5.4L Expedition	650	65	—	9X-5408	—
4.6L Expedition	750	65	—	9X-5408	—
2000-97 Ranger	540	59	—	9X-5408	—
Optional or w/ AC & AT	650	65	—	9X-5408	—

**PROPOSITION 65 WARNING:** Battery posts, terminals and related accessories contain lead and lead compounds, chemicals known to the state of California to cause cancer and reproductive harm. **Wash hands after handling.**



# LIGHT TRUCKS, VANS & MINI-VANS FORD — IHC - INTERNATIONAL

**IMPORTANT NOTE: BATTERIES CAN EXPLODE!** Always wear safety glasses AND shield eyes when working around batteries. Always check for proper polarity and sufficient terminal clearance BEFORE final installation to avoid dangerous sparks, potential explosion, possible severe personal injury and/or expensive electrical system and/or vehicle/equipment damage. Always check for proper polarity and sufficient clearances before connecting cables and closing hood or covers.

MAKE EQUIPMENT TYPE YEAR/MODEL	CCA @ 0°F	O.E. BCI NO.	PREMIUM HIGH OUTPUT	GENERAL SERVICE	
				(U.S. ONLY)	
<b>Bronco II, Excursion, Expedition, Explorer, Ranger (continued)</b>					
1999-97 Expedition	650	65	—	9X-5408	—
Optional	750	65	—	9X-5408	—
2000-90 Explorer	650	65	—	9X-5408	—
1996-90 Ranger Standard Cab: 4-cyl., 2.3L, V6, 650, 3.0L & 2.9L	540	58	175-4280	—	—
All optional & V6, 4.0L	650	65	—	9X-5408	—
Ranger Super Cab	650	65	—	9X-5408	—
1990-89 Bronco II	650	65	—	9X-5408	—
Ranger: Standard Cab	540	58	175-4280	—	—
Super Cab & optional	650	65	—	9X-5408	—
1988 Bronco II	535	64	—	8C-3611	—
Ranger: All	450	63	—	8C-3611	—
1987 4-cyl., V6	450	63	—	8C-3611	—
HD service pack	535	b 64	—	8C-3611	—
Diesel	450	b 63	—	8C-3611	—
1986 All Bronco II	535	64	—	8C-3611	—
Ranger ex. Canada: 4-cyl., V6	450	63	—	8C-3611	—
Ranger Canada ex. Diesel	450	63	—	8C-3611	—
Diesel	450	b 63	—	8C-3611	—
1985-80 All	450	63	—	8C-3611	—
Diesel	450	b 63	—	8C-3611	—
<i>b Two batteries required. For best results, replace both batteries at the same time.</i>					
<b>Club Wagon, Econoline, E-Series Vans</b>					
2000-97 Diesel	750	b 65	—	9X-5408	—
2000-92 All ex. Diesel	650	65	—	9X-5408	—
Auxiliary	625	l 65	—	9X-5408	—
1998-97 All w/ eng. htr., trailer tow or Canada	750	65	—	9X-5408	—
1996-92 Diesel: Left side	850	65	—	9X-5408	—
Right side	600	50	—	—	—
Auxiliary, all	400	l 50	—	—	—
1991-88 All ex. Diesel	535	64	—	8C-3611	—
V8, 7.3L Diesel	700	b 27	153-5656	8C-3601	127-0824
Auxiliary	350	l 24F	—	3T-5858	9X-1382
1987 Commercial Vans: All ex. Diesel	535	64	—	8C-3611	—
Diesel	700	b 27	153-5656	8C-3601	127-0824
Auxiliary	350	l 24F	—	3T-5858	9X-1382
1987-86 Passenger Vans: All ex. Diesel	535	64	—	8C-3611	—
Diesel	700	b 27	153-5656	8C-3601	127-0824
1986-85 Commercial Vans: 6-cyl., 4.9L	380	62	—	8C-3611	—
V8 ex. 7.5L & Diesel	450	63	—	8C-3611	—
Optional	535	64	—	8C-3611	—
V8, 7.5L (1986)	535	64	—	8C-3611	—
V8, 7.5L (1985)	475	24	153-5656	3T-5857	9X-1383
Auxiliary all	350	l 24F	—	3T-5858	9X-1382
Diesel	700	b 27	153-5656	8C-3601	127-0824
1985 Passenger Vans: All gas	475	24F	—	3T-5858	9X-1382
Diesel	700	b 27	153-5656	8C-3601	127-0824
1984-80 6-cyl., V8 w/ AT or AC & Opt.	475	24F	—	3T-5858	9X-1382
Diesel	700	b 27	153-5656	8C-3601	127-0824
Auxiliary	350	l 24F	—	3T-5858	9X-1382
V8, 6.6L(400)	450	63	—	8C-3611	—
V8, 7.5L(460) & optional	475	24F	—	3T-5858	9X-1382

MAKE EQUIPMENT TYPE YEAR/MODEL	CCA @ 0°F	O.E. BCI NO.	PREMIUM HIGH OUTPUT	GENERAL SERVICE	
				(U.S. ONLY)	
<b>Club Wagon, Econoline, E-Series Vans (continued)</b>					
1979-72 V8, 7.5L(460) all	475	24F	—	3T-5858	9X-1382
All others w/ MT	290	22F	—	3T-5859	9X-1384
All others w/ AT	400	22F	—	3T-5859	9X-1384
1971-66 All	290	22F	—	3T-5859	9X-1384
Optional	425	24F	—	3T-5858	9X-1382
<i>b Two batteries required. For best results, replace both batteries at the same time. l Deep cycling type battery required. Watch polarity. Cables may need to be changed.</i>					
<b>Courier</b>					
1982-79 All	370	21	—	8C-3600	—
1978-72 All	315	24	153-5656	3T-58-57	9X-1383
<b>Windstar</b>					
2000-97 V6, 3.0L	540	59	—	9X-5408 Ω	—
2000-94 V6 3.8L	650	65	—	9X-5408	—
Optional, Canada & trailer tow pkg.	750	65	—	9X-5408	—
1996-94 3.0L	540	58	175-4280	—	—
<b>GEO</b>					
See "CHEVROLET/GMC, GEO IMPORT"					
<b>GMC</b>					
See "CHEVROLET/GMC"					
<b>HONDA</b>					
2000-97 CR-V	410	51R	—	—	—
2000-99 All Passport	600	24F	—	3T-5858	9X-1382
1998 Passport 4-cyl.	490	24	153-5656	3T-5857	9X-1383
Optional	580	24	153-5656	3T-5857	9X-1383
V6	580	24	153-5656	3T-5857	9X-1383
1997-94 Passport: 4 cyl., V6 w/ MT	380	a 25	—	8C-3600	145-4517
Optional & V6 w/ AT	600	a 24	153-5656	3T-5857	9X-1383
<i>a Best fit estimate. See note on page 1 and note above.</i>					
<b>INFINITI</b>					
2000-97 QX4	380	25	—	8C-3600	145-4517
Optional & Canada	445	27	153-5656	8C-3601	127-0824
<b>IHC - INTERNATIONAL</b>					
<b>Scout, Terra, Traveler</b>					
1980-79 All w/ Gas engines	390	g 74	153-5660	—	—
1980-78 Diesel	625	31	175-4370	8C-3628	—
1978-58 All ex. Diesel	400	24	153-5656	3T-5857	9X-1383
<i>g Hood or cover clearance may not be sufficient. Be sure to check height clearance and polarity carefully before installation to avoid sparks, explosion, personal injury and vehicle damage.</i>					

**PROPOSITION 65 WARNING:** Battery posts, terminals and related accessories contain lead and lead compounds, chemicals known to the state of California to cause cancer and reproductive harm. **Wash hands after handling.**

Refer to page 110 for explanation of Passenger Car, Light Truck, Van & Mini-Van replacement footnotes.

BATTERY SAFETY  
CATERPILLAR EQUIP.  
INDUSTRIAL EQUIPMENT  
FARM EQUIPMENT  
TRUCKS & BUSES  
AUTO & LTV  
L & G / SMALL ENGINE  
REFERENCE

# LIGHT TRUCKS, VANS & MINI-VANS

## ISUZU — MERCURY

**IMPORTANT NOTE: BATTERIES CAN EXPLODE!** Always wear safety glasses AND shield eyes when working around batteries. Always check for proper polarity and sufficient terminal clearance BEFORE final installation to avoid dangerous sparks, potential explosion, possible severe personal injury and/or expensive electrical system and/or vehicle/equipment damage. Always check for proper polarity and sufficient clearances before connecting cables and closing hood or covers.



MAKE EQUIPMENT TYPE YEAR/MODEL	CCA @ 0°F	O.E. BCI NO.	PREMIUM HIGH OUTPUT	GENERAL SERVICE	
				(U.S. ONLY)	
<b>ISUZU</b>					
<b>Amigo, Hombre, Oasis, Pickup, Rodeo, Trooper, VEHICross</b>					
2000-99 VEHICross	600	24F	—	3T-5858	9X-1382
All Rodeo	500	24F	—	3T-5858	9X-1382
2000-98 Amigo	600	24F	—	3T-5858	9X-1382
2000-96 All Oasis	585	24F	—	3T-5858	9X-1382
2000-96 Hombre	525 a,g	75	—	7X-6100	—
Optional	690	75	—	7X-6100	—
2000-93 Trooper w/ MT	490	24	153-5656	3T-5857	9X-1383
All optional & w/ AT	625	27	153-5656	8C-3601	127-0824
1998-93 Rodeo 4-cyl.	430	86	—	8C-3600	—
Optional & V6	600	24	153-5656	3T-5857	9X-1383
Optional for V6	625	27	153-5656	8C-3601	127-0824
1997-91 Trooper: w/MT	490 a	24	153-5656	3T-5857	9X-1383
Optional & AT	625	27	153-5656	8C-3601	127-0824
1996-91 Pickup w/ MT	425 a	25	—	8C-3600	145-4517
w/ AT	600 a	24	153-5656	3T-5857	9X-1383
1997-91 Rodeo: 4-cyl., 2.6L	425 a	86	—	8C-3600	—
Opt. & V6, 3.1L & AT	600 a	24	153-5656	3T-5857	9X-1383
1995-89 Amigo w/ MT	425 a	25	—	8C-3600	145-4517
w/ AT	600 a	24	153-5656	3T-5857	9X-1383
1990-89 Pickup, Trooper w/ MT	360 a	25	—	8C-3600	145-4517
w/ AT	585 a	24	153-5656	3T-5857	9X-1383
1988-86 Pickup ex. Diesel	380 a	25	—	8C-3600	145-4517
Trooper II	380 a	25	—	8C-3600	145-4517
1987-81 All Diesel	655 a	27	153-5656	8C-3601	127-0824
1985-83 All ex. Diesel	320 a	21	—	8C-3600	—
1982-81 All ex. Diesel	300 a	24	153-5656	3T-5857	9X-1383

a Best fit estimate. See note on page 1 and note above.  
 g Hood or cover clearance may not be sufficient. Be sure to check height clearance and polarity carefully before installation to avoid sparks, explosion, personal injury and vehicle damage.

<b>JEEP</b>					
<b>CJ, Comanche, Cherokee, Grand Cherokee, J10, J20, Wagoneer, Grand Wagoneer, Wrangler</b>					
2000-99 Grand Cherokee	625	65	—	9X-5408	—
2000-97 Wrangler, Cherokee	500	34	153-5656 ≈	127-0826	3T-5857 ≈
Optional	600	34	153-5656 ≈	127-0826	3T-5857 ≈
1998-93 Grand Cherokee, Grand Wagoneer	600	34	153-5656 ≈	127-0826	3T-5857 ≈
1997 Cherokee	430	58	175-4280	—	—
1997-93 Grand Cherokee, Grand Wagoneer	600	34	153-5656 ≈	127-0826	3T-5857 ≈
Wrangler (Postal)	650 g	75	—	7X-6100	—
1997-91 Cherokee, Comanche	430	58	175-4280	—	—
1996-91 Wrangler, YJ	430	58	175-4280	—	—
1991-89 Grand Wagoneer	500	58	175-4280	—	—
1990-89 Cherokee, Comanche, Wagoneer	430	58	175-4280	—	—
1990-87 Wrangler	450	56	—	8C-3611	—
1988 Cherokee, Comanche, Wagoneer ex. Diesel	430	58	175-4280	—	—
Diesel	760 c	49	—	8C-3605 ¥	—
Grand Wagoneer	450	56	—	8C-3611	—
Optional	500	58	175-4280	—	—
1987-85 CJ, J10, J20, Grand Wagoneer	450	56	—	8C-3611	—
Fleet option	440	24	153-5656	3T-5857	9X-1383
Comanche, Cherokee, Wagoneer ex. Diesel	430	58	175-4280	—	—
Turbo Diesel	815 c	24	—	127-0824	—
1984 4-cyl., 6-cyl. CJ	420	55	—	8C-3611	—
All others	430	58	175-4280	—	—
1983-80 All models	450	56	—	8C-3611	—
1979 6-cyl., all models	380	55	—	8C-3611	—
Optional & V8	500	24	153-5656	3T-5857	9X-1383

MAKE EQUIPMENT TYPE YEAR/MODEL	CCA @ 0°F	O.E. BCI NO.	PREMIUM HIGH OUTPUT	GENERAL SERVICE	
				(U.S. ONLY)	
<b>CJ, Comanche, Cherokee, Grand Cherokee, J10, J20, Wagoneer, Grand Wagoneer, Wrangler (continued)</b>					
1978-59 All	340	24	153-5656	3T-5857	9X-1383
1958 Late models, 12 Volt	330	24	153-5656	3T-5857	9X-1383
Early models, 6 Volt	450	1	—	8C-3617	8T-9734
1957-37 All	450	1	—	8C-3617	8T-9734

c Hold-down, tray and/or cables may require modification or replacement to accommodate replacement battery. Watch polarity! Check BEFORE installation.  
 g Hood or cover clearance may not be sufficient. Be sure to check height clearance and polarity carefully before installation to avoid sparks, explosion, personal injury and vehicle damage.

<b>KIA</b>					
2000-96 Sportage	470	42	—	8C-3605 π	—

<b>LAND ROVER</b>					
See "ROVER"					

<b>LEXUS</b>					
2000-99 RX300	585	24F	—	3T-5858	9X-1382
LX470	650	27F	—	8C-3602	3T-5858
1998-96 LX450	650	27F	—	8C-3602	3T-5858

<b>LINCOLN</b>					
2000-97 Navigator	650	65	—	9X-5408	—
Canada	750	65	—	9X-5408	—

<b>MAZDA</b>					
<b>Pickup, MPV, Navajo</b>					
2000-98 B2500, B3000, B4000	650	65	—	9X-5408	—
2000-89 MPV ex. Canada	350 a	35	—	3T-5859	145-4518
Optional & Canada	490 a	24F	—	3T-5858	9X-1382
1997-94 B2300, B3000	540 a	58	175-4280	—	—
B4000 & Optional	650 a	65	—	9X-5408	—
1995-91 Navajo	650 a	65	—	9X-5408	—
1993-91 B2200, B2600	310 a	21	—	8C-3600	—
Optional, Canada	585 a	24	153-5656	3T-5857	9X-1383
1990-87 B2200, B2600	310 a	21	—	8C-3600	—
Optional B2200	490 a	24	153-5656	3T-5857	9X-1383
Optional B2600 (90-89)	585 a	24	153-5656	3T-5857	9X-1383
Optional B2600 (88-87)	490 a	24F	—	3T-5858	9X-1382
H.D. optional (88-87)	585 a	27F	—	8C-3602	3T-5858
1986 B2000	310 a	21	—	8C-3600	—
Optional	490 a	24F	—	3T-5858	9X-1382
1985-83 B2000	370 a	27	153-5656	8C-3601	127-0824
1984-82 B2200 Diesel	600 a	27	153-5656	8C-3601	127-0824
1982-79 B2000	370 a	24	153-5656	3T-5857	9X-1383
1978-70 All	370 a	24	153-5656	3T-5857	9X-1383

a Best fit estimate. See note on page 1 and note above.

<b>MERCEDES-BENZ</b>					
2000 ML55	825	49	—	8C-3605 ¥	—
2000-99 ML430	825	49	—	8C-3605 ¥	—
2000-98 ML320	825	49	—	8C-3605 ¥	—

<b>MERCURY</b>					
<b>Mountaineer, Villager</b>					
2000-97 Mountaineer	650	65	—	9X-5408	—
2000-94 Villager ex. Canada	450 a	35	—	3T-5859	145-4518
Optional & Canada	525 a	24F	—	3T-5858	9X-1382

a Best fit estimate. See note on page 1 and note above.

**PROPOSITION 65 WARNING:** Battery posts, terminals and related accessories contain lead and lead compounds, chemicals known to the state of California to cause cancer and reproductive harm. **Wash hands after handling.**

# LIGHT TRUCKS, VANS & MINI-VANS MITSUBISHI — TOYOTA

BATTERY SAFETY

CATERPILLAR EQUIP.

INDUSTRIAL EQUIPMENT

FARM EQUIPMENT

TRUCKS & BUSES

AUTO & LTV

L & G / SMALL ENGINE

REFERENCE

**IMPORTANT NOTE: BATTERIES CAN EXPLODE! Always wear safety glasses AND shield eyes when working around batteries. Always check for proper polarity and sufficient terminal clearance BEFORE final installation to avoid dangerous sparks, potential explosion, possible severe personal injury and/or expensive electrical system and/or vehicle/equipment damage. Always check for proper polarity and sufficient clearances before connecting cables and closing hood or covers.**

MAKE EQUIPMENT TYPE YEAR/MODEL	CCA @ 0°F	O.E. BCI NO.	PREMIUM HIGH OUTPUT	GENERAL SERVICE	
				(U.S. ONLY)	
<b>MITSUBISHI</b>					
<b>Expo LRV, Pickup, Montero, Van</b>					
2000-98 Montero	490	24	153-5656	3T-5857	9X-1383
2000-97 Montero Sport	520	25	—	8C-3600	145-4517
Optional	585	24	153-5656	3T-5857	9X-1383
1996-92 Expo LRV: 1.8L	350	a 25	—	8C-3600	145-4517
2.4L	490	a 24	153-5656	3T-5857	9X-1383
1997-90 Montero; 3.0L & Pickup ex. 4 cyl. 2.4L	490	a 24	153-5656	3T-5857	9X-1383
1997-93 Pickup: 4 cyl. 2.4L	425	a 51	—	—	—
V6	490	a 24	153-5656	3T-5857	9X-1383
1992 Pickup: 2WD U.S.	425	a 51	—	—	—
Canada & 4WD	490	a 24	153-5656	3T-5857	9X-1383
All optional	580	a 24	153-5656	3T-5857	9X-1383
1991-88 Pickup: 4-cyl., 2.4L	425	a 51	—	—	—
V6, 3.0L & 4WD	490	a 24	153-5656	3T-5857	9X-1383
1990-89 Montero: 4-cyl., 2.6L	425	a 51	—	—	—
V6, 3.0L, optional	490	a 24	153-5656	3T-5857	9X-1383
1989-87 Van/Wagon	425	a 51	—	—	—
1988-83 Montero	425	a 51	—	—	—
1987-86 Pickup 4-cyl., 2.0L	425	a 51	—	—	—
4-cyl., 2.6L	585	a 27	153-5656	8C-3601	127-0824
1985-84 Diesel Pickup	800	a,g 29H	115-2422	8C-3627	—
1985-83 Pickup ex. Diesel	425	a 51	—	—	—
Optional	585	a 27	153-5656	8C-3601	127-0824
1983 Diesel Pickup	585	a 27	153-5656	8C-3601	127-0824

a Best fit estimate. See note on page 1 and note above.

g Hood or cover clearance may not be sufficient. Be sure to check height clearance and polarity carefully before installation to avoid sparks, explosion, personal injury and vehicle damage.

<b>NISSAN/DATSUN</b>					
<b>Frontier, Pathfinder, Pickup, Quest, Van, Xterra</b>					
2000 Xterra	490	25	—	8C-3600	145-4517
Optional for above & Canada	550	24	153-5656	3T-5857	9X-1383
2000-98 Frontier	490	25	—	8C-3600	145-4517
Optional & Canada	550	24	153-5656	3T-5857	9X-1383
2000-93 Quest ex. Canada	450	a 35	—	3T-5859	145-4518
Optional & Canada	525	a 24F	—	3T-5858	9X-1382
2000-91 Pickup, Pathfinder: U.S.	350	a 25	—	8C-3600	145-4517
Optional & Canada	525	a 24	153-5656	3T-5857	9X-1383
Canada 4-cyl.	550	a 24	153-5656	3T-5857	9X-1383
1990-87 Van	350	a 25	—	8C-3600	145-4517
1987-81 Diesel Pickup	655	a,b 27	153-5656	8C-3601	127-0824
1980-70 Pickup ex. Canada	410	a 24	153-5656	3T-5857	9X-1383
1969-64 All	250	a 53	—	—	—

a Best fit estimate. See note on page 1 and note above.

b Two batteries required. For best results, replace both batteries at the same time.

<b>OLDSMOBILE</b>					
<b>Bravada, Silhouette</b>					
2000-97 All Silhouette	600	g 78	153-5660 =	127-0826 =	7X-6100
1999-91 All Bravada	525	75	—	7X-6100	—
Optional for above	690	75	—	7X-6100	—

g Hood or cover clearance may not be sufficient. Be sure to check height clearance and polarity carefully before installation to avoid sparks, explosion, personal injury and vehicle damage.

<b>PLYMOUTH VANS</b>					
<b>See "CHRYSLER/DODGE/PLYMOUTH"</b>					

MAKE EQUIPMENT TYPE YEAR/MODEL	CCA @ 0°F	O.E. BCI NO.	PREMIUM HIGH OUTPUT	GENERAL SERVICE	
				(U.S. ONLY)	
<b>PONTIAC</b>					
<b>Montana, Sunrunner, Trans Sport</b>					
2000-99 Montana	600	78	153-5660 =	127-0826 =	7X-6100
2000-97 Trans Sport	600	g,r 78	153-5660 =	127-0826 =	7X-6100
1996 Trans Sport	525	g,r 75	—	7X-6100	—
1995 Sunrunner	500	26R	—	3T-5859 ¥	145-4518
1995-90 Trans Sport ex. below	525	g,r 75	—	7X-6100	—
V6, 3.8L	630	g,r 75	—	7X-6100	—
1994 Sunrunner	500	26	—	8C-3600	145-4517

g Hood or cover clearance may not be sufficient. Be sure to check height clearance and polarity carefully before installation to avoid sparks, explosion, personal injury and vehicle damage.  
r Battery installation is moderately difficult. Expect to take 15 to 30 minutes to install.

<b>ROVER/LAND ROVER</b>					
2000-99 Range Rover	900	30H	115-2422	8C-3627	—
2000-98 Defender 90: U.S.	600	24	153-5656	3T-5857	9X-1383
Defender 90: Canada	900	24	—	—	—
1997-86 U.S. Vehicles	600	24	153-5656	3T-5857	9X-1383
1997-86 Canadian Vehicles	900	24	—	—	—
1996-94 Defender	600	c 24	153-5656	3T-5857	9X-1383
1985-64 Range Rover: U.S.	600	c 24	153-5656	3T-5857	9X-1383
Canada	875	c 24	—	127-0824 ¥	—
1967-64 2000	340	c 24	153-5656	3T-5857	9X-1383
1965-58 All ex. 2000	350	c,g 29H	3T-5760	8C-3627	9X-1379

c Hold-down, tray and/or cables may require modification or replacement to accommodate replacement battery. Watch polarity! Check BEFORE installation.

g Hood or cover clearance may not be sufficient. Be sure to check height clearance and polarity carefully before installation to avoid sparks, explosion, personal injury and vehicle damage.

<b>SUBARU</b>					
1999-98 Forester w/ MT	355	35	—	3T-5859	145-4518
w/ AT	520	35	—	3T-5859 ¥	145-4518
1997-96 All Outback w/ MT	360	35	—	3T-5859	145-4518
1997-96 All Outback w/ AT	520	35	—	3T-5859 ¥	145-4518
1988-78 All	450	24	153-5656	3T-5857	9X-1383

<b>SUZUKI</b>					
2000-99 2.5L & V6 Grand Vitara	550	85	—	3T-5859	145-4518
1999-95 X90	440	26R	—	3T-5859 ¥	145-4518
1998-96 Sidekick, 1.6 L & Sport	440	a,c 26R	—	3T-5859 ¥	145-4518
Sidekick, 1.8 L	550	a,c 85	—	3T-5859	145-4518
1995-88 All	405	a,c 51	—	—	—
1987-86 Samurai	400	a,c 26	—	8C-3600	—

a Best fit estimate. See note on page 1 and note above.

c Hold-down, tray and/or cables may require modification or replacement to accommodate replacement battery. Watch polarity! Check BEFORE installation.

<b>TOYOTA</b>					
<b>Land Cruiser, Mini-Van, Pickup, Previa, RAV4, 4-Runner, Sienna, Tundra</b>					
2000 Tundra V6	360	35	—	3T-5859	145-4518
Optional for above	585	24F	—	3T-5858	9X-1382
Tacoma	360	35	—	3T-5859	145-4518
Optional for above	4-Runner 2.4L & 3.4L 585	24F	—	3T-5858	9X-1382
1999-93 Land Cruiser	450	a 24F	—	8C-3602	3T-5858
Optional	625	27F	—	8C-3602	3T-5858
2000-98 Sienna	585	24F	—	3T-5858	9X-1382
1999-96 Tacoma 4-cyl. 2.4L, 3.4L & V6	360	35	—	3T-5859	145-4518
Optional & Canada & 4-cyl. 2.7L	585	24F	—	3T-5858	9X-1382

**PROPOSITION 65 WARNING:** Battery posts, terminals and related accessories contain lead and lead compounds, chemicals known to the state of California to cause cancer and reproductive harm. **Wash hands after handling.**



# LIGHT TRUCKS, VANS & MINI-VANS

## TOYOTA — VOLKSWAGEN

**IMPORTANT NOTE: BATTERIES CAN EXPLODE! Always wear safety glasses AND shield eyes when working around batteries. Always check for proper polarity and sufficient terminal clearance BEFORE final installation to avoid dangerous sparks, potential explosion, possible severe personal injury and/or expensive electrical system and/or vehicle/equipment damage. Always check for proper polarity and sufficient clearances before connecting cables and closing hood or covers.**

MAKE EQUIPMENT TYPE YEAR/MODEL	CCA @ 0°F	O.E. BCI NO.	PREMIUM HIGH OUTPUT	GENERAL SERVICE	
				(U.S. ONLY)	
<b>Land Cruiser, Mini-Van, Pickup, Previa, RAV4, 4-Runner (continued)</b>					
1999-96 4-Runner 4-cyl. w/ MT	585	24F	—	3T-5858	9X-1382
w/ AT	625	27F	—	8C-3602	3T-5858
1999-96 4-Runner 6-cyl.	340	24F	—	3T-5858	9X-1382
Optional	585	24F	—	3T-5858	9X-1382
2000-96 T100 2.7L 4-cyl.	585	24F	—	3T-5858	9X-1382
RAV4 & T-100 ex 2.7L	360	35	—	3T-5859	145-4518
Optional & Canada	585	24F	—	3T-5858	9X-1382
Optional, Canada & 2.7L T-100	585	a 24F	—	3T-5858	9X-1382
1997-95 Tacoma 4-cyl., 2.4L & V6	360	a 35	—	3T-5859	145-4518
Optional, Canada & 4-cyl., 2.7L	585	24F	—	3T-5858	9X-1382
1995-93 T-100: 4-cyl.	585	a 24F	—	3T-5858	9X-1382
V6	350	a 25	—	8C-3600	145-4517
Cold Climate & Canada	585	a 24F	—	3T-5858	9X-1382
1997-91 Previa ex. Canada	360	a 35	—	3T-5859	145-4518
Optional, Canada	585	a 24F	—	3T-5858	9X-1382
1995-91 Pickup, 4-Runner	350	a 25	—	8C-3600	145-4517
Optional, Canada	585	a 24	153-5656	3T-5857	9X-1383
1992-71 Land Cruiser ex. Diesel	500	a 27	153-5656	8C-3601	127-0824
1990-89 Pickup 2WD, 4-cyl.	320	a 21	—	8C-3600	—
Optional & Canada	350	a 25	—	8C-3600	145-4517
Pickup 4WD, 4-cyl.	350	a 25	—	8C-3600	145-4517
V6, all	585	a 24	153-5656	3T-5857	9X-1383
1990-85 Van	350	a 25	—	8C-3600	145-4517
1988-87 Pickup, 4-Runner: 4-cyl.	350	a 25	—	8C-3600	145-4517
V6 2WD	350	a 25	—	8C-3600	145-4517
V6 4WD	585	a 24	153-5656	3T-5857	9X-1383
1987-84 Diesel Pickup: Driver's side	585	a,f 24F	—	3T-5858	9X-1382
Passenger's side	585	a,f 24	153-5656	3T-5857	9X-1383
1987-83 Pickup ex. Diesel	350	a 25	—	8C-3600	145-4517
1987-83 w/ XLong Wheelbase	290	a 24	153-5656	3T-5857	9X-1383
1985-81 Land Cruiser Diesel: Driver's side	470	a,f 27F	—	8C-3602	3T-5858
Passenger's side	470	a,f 27	153-5656	8C-3601	127-0824

MAKE EQUIPMENT TYPE YEAR/MODEL	CCA @ 0°F	O.E. BCI NO.	PREMIUM HIGH OUTPUT	GENERAL SERVICE	
				(U.S. ONLY)	
<b>Land Cruiser, Mini-Van, Pickup, Previa, RAV4, 4-Runner (continued)</b>					
1984-83 All Vans	350	a 25	—	8C-3600	145-4517
1982-79 Pickup ex. Canada	365	a 24	153-5656	3T-5857	9X-1383
1978-69 Pickup ex. Canada	250	a 24F	—	3T-5858	9X-1382
Optional & Canada	375	a 27F	—	8C-3602	3T-5858
1968-60 Land Cruiser	300	a 24	153-5656	3T-5857	9X-1383
<p><i>a Best fit estimate. See note on page 1 and note above.</i>  <i>f Watch polarity and clearance! Check terminal post arrangement carefully.</i>  <i>Production varied. Vehicle could have been delivered with reverse terminal battery.</i>  <i>Cable change may be necessary. Check BEFORE installation.</i></p>					
<b>VOLKSWAGEN</b>					
<b>EuroVan, Rabbit Pickup, Type II, Vanagon</b>					
2000-99 EuroVan	575	97R	—	—	—
EuroVan V6	640	94R	—	—	—
Auxiliary Battery	570	l, z	—	—	—
1998-97 EuroVan GLS, MV & Camper	460	d 42	—	8C-3605 π	—
Optional & Canada	650	d 41	—	8C-3605	—
1996-93 Eurovan: U.S.	460	d 42	—	8C-3605 π	—
Canada & Auxiliary	650	41	—	8C-3605	—
1993-82 Vanagon	500	d 41	—	8C-3605	—
Auxiliary	650	d 41	—	8C-3605	—
Diesel & Canada	650	d 41	—	8C-3605	—
1982-81 Vanagon	365	42	—	8C-3605 π	—
Pickup	500	41	—	8C-3605	—
Optional & Canada	500	41	—	8C-3605	—
1981-80 Vanagon	350	42	—	8C-3605 π	—
1979-77 Type II	500	41	—	8C-3605	—
1976-67 All	435	42	—	8C-3605 π	—
1966-53 All	350	19L	—	8C-3617 Ω	—
<p><i>d Battery may be vented to outside of vehicle. For passenger safety, be sure to vent battery gasses to outside if required!</i>  <i>l Deep cycling type battery required. Watch polarity. Cables may need to be changed.</i>  <i>z Non BCI group size; replacement not available.</i></p>					

### Passenger Car & Light Truck, Van & Mini Van Footnote Codes:

- ≈ Replacement battery is taller than O.E. Check height clearance carefully before closing hood or cover!
- ∞ Replacement battery is wider than O.E. Hold-down and/or tray replacement may be necessary.
- π Replacement battery is longer than O.E. Hold-down and/or tray replacement may be necessary.
- § O.E. battery has reverse terminals. WATCH POLARITY! Cable replacement may be necessary.
- # Replacement battery is longer and wider than O.E. Hold-down and/or tray replacement may be necessary.
- ¥ Check O.E. CCA requirements. Replacement CCA may not be sufficient.
- Ω Replacement battery is longer and taller than O.E. Check height clearance carefully. Hold-down and tray replacement may be necessary.
- @ Special order item.
- ≠ Battery hold-down may need to be replaced and/or modified. Battery cable replacement may be necessary.
- ϕ Replacement battery not as wide as O.E. Hold-down modification and/or replacement may be necessary.

**PROPOSITION 65 WARNING:** Battery posts, terminals and related accessories contain lead and lead compounds, chemicals known to the state of California to cause cancer and reproductive harm. **Wash hands after handling.**

**IMPORTANT NOTE: BATTERIES CAN EXPLODE! Always wear safety glasses AND shield eyes when working around batteries. Always check for proper polarity and sufficient terminal clearance BEFORE final installation to avoid dangerous sparks, potential explosion, possible severe personal injury and/or expensive electrical system and/or vehicle/equipment damage. Always check for proper polarity and sufficient clearances before connecting cables and closing hood or covers.**

MAKE/EQUIPMENT TYPE/MODEL	OPTION 1	OPTION 2
<b>AGCO ALLIS</b>		
<b>Hydrostatic Garden Tractors:</b>		
1920H, 1918H, 918H, 918PS	3T-5859	9X-1384
1718H, 1717H, 1716H	8C-3636 Y	—
<b>Gear Garden Tractor:</b>		
1716G	8C-3636 Y	—
<b>Hydrostatic Lawn Tractors:</b>		
1616H, 1614H, 1614VH, 1615H, 512H, 514H, 516H	8C-3636 Y	—
<b>Gear Lawn Tractors:</b>		
1615G, 512G, 514G, 516G	8C-3636 Y	—
<b>Hydrostatic Front Cut:</b>		
131GH	8C-3636	—
<b>Gear Riding Mowers:</b>		
409G, 411G, 412G	8C-3636	—
<b>Hydrostatic Riding Mowers:</b>		
412H, 413H	8C-3636	—
<b>Zero Turn Riding Mowers:</b>		
ZT14H, ZT16H	8C-3636	—
<b>AIR ELECTRIC MACHINE COMPANY</b>		
DS-25, DS-30, 380	8C-3636	—
<b>ALLIS-CHALMERS MFG. COMPANY</b>		
See Deutz		
<b>AMF LAWN GARDEN DIV.</b>		
See Dynamark		
<b>ARIENS COMPANY</b>		
<b>EZ Riders:</b>		
EZR 1440, 1540, 1640, 1648	8C-3636	—
Grand Sierra 2200	8C-3636 Y	—
High Sierra 1848	8C-3636	—
<b>Sierra Models:</b>		
1340G, 1440G, 1340H, 1440H, 1540H, 1640H, 1648H	8C-3636	—
<b>Imperial Models:</b>		
All 901000 Series, All 912000 Series, All 925000 Series, All 927000 Series, All 9310010-9310018 Series, 91400 (tillers)	N.A.	—
914000 Series	8C-3636	—
All 931000-931009 Series, All 934000 Series	8C-3636	—
All 936000 Series	8C-3636	—
All 935000 Series, Comm-Rider 18, GT18, GT20 (1989), HT16 (1989), HT18 (1989), YT1232, YT1238, YT1438	8C-3636 §	—
GT17, GT20, HT16, HT18, YT10, YT11, 929001, 929002	8C-3636	—
12972, 12982, 12984, 13948, 13967, 13990	8C-3636	—
<b>ATLAS TOOL &amp; MFG. CO.</b>		
ER2650, ER2680, ER3280	N.A.	—
ER2600, ER3000, ER7130, ET2650	8C-3636	—

MAKE/EQUIPMENT TYPE/MODEL	OPTION 1	OPTION 2
<b>BOLENS</b>		
<b>(FMC Corporation)</b>		
<b>Outdoor Power Equipment/L&amp;G Tractors (Gas Models):</b>		
All XL & X1 Series, G-16XT, H-16XT, HT-23, QT-16, QT-17, ST110G, ST160G, ST160H, 1050, 1250, 1400G, 1455, 1476, 1477, 1600A, 1600G, 1700, 1886, 1900	3T-5859	9X-1384
DTG1700, G-8, G-10, G-11, G-12, GT2000, ST140, ST180, 510, 600, 610, 613, 730, 733, 736, 775, 800, 813, 855, 900, 2027, 2133, 3018G, 3018H, 3114G, 3114H, 5117H, 5118H, 5120H, STG125, STH125	8C-3636	—
G-14, GT180, H-14, HT-20, HT-20D, HT-23, Husky 1250, QS-16, QT-16, ST110, ST120, ST125, ST125 Hydro, ST160, ST160 Hydro, 931, 1402, 1600 Hydro, 1800 Hydro, 2000 Hydro	3T-5859	9X-1384
Husky 728, 770, 829	N.A.	—
Husky 850, ST120 (1989), STE125, STG125, STH125, 1467, 1467, 1668, 2028, 2030, 2036, 2136, 3212G, 3212H	8C-3636	—
G-152, G-154, G-172, G-174	N.A.	—
G-192, G-194, G-212, G-214, G-242, G-244	153-5656	3T-5857
G-272, G-274, G-292, G-294	8C-3601	3E-8925
<b>Outdoor Power Equipment/L&amp;G Tractors (Diesel Models):</b>		
G-1502, G-1502 Hydro, G-1704, G-1704 Hydro, G-2102, G-2104, H-16, 650, 750, 850, 853, 1000, 1053, 1054, 1220, 1225, 1253, 1254, 1256, 1257, 1556	3T-5859 ∞	9X-1384 ∞
G-2702, G-2704	153-5656	3T-5857
1502, 1502H, 1704, 1704H	—	—
3000, 5100, 13000 Series	8C-3636 Y	—
<b>Riders (Gas):</b>		
2027, 213	8C-3636	—
<b>BUNTON COMPANY</b>		
<b>Outdoor Power Equipment/L&amp;G Tractors:</b>		
BG-61, BRC-61, B-52, B-61R, B-61T, 32-10BBS, 36H-10BBS, 36-10BBS, 52H-10BBS, 52-10BBS	8C-3636	—
Lawn Lark 32", 36"	8C-3636 §	—
<b>Riding Rotary Mowers:</b>		
BHR/BHRC 52, 61, 71	8C-3636 Y	—
<b>Walk-Behind:</b>		
BHT/BHC 36", 48", 52", 61"	8C-3636	—
B28LB, B32L, B36, 48, 52	8C-3636 Y	—
BBK 36, 48	8C-3636 Y	—
<b>Zero-Turn:</b>		
BBMH/BBM 50C, 60C, BBMC/BBM 50C, 60C	8C-3636	—
BZT/BZTC 48, 52, 61	8C-3636 Y	—
Twister Rider	145-4518	—
<b>CARTER BROTHERS COMPANY</b>		
EZ-502, EZ-502C, EZ-702, EZ-702C	N.A.	—
<b>CASE INTERNATIONAL</b>		
<b>(formerly J.I. Case Company)</b>		
<b>Compact Tractors:</b>		
M-80 Rear Engine Rider	N.A.	—
80, 80XC, 107, 108, 108XC, 110, 110XC, 116XC, 117, 118, 210, 220, 222, 224, 226, 442, 444, 446, 448, 644, 646, 648	8C-3636	—
<b>COLUMBIA</b>		
<b>(MTD, Inc.)</b>		
387, 397, 455, 485, 495, 497, 525, 667, 760	8C-3636	—
960, 990	3T-5859 ∞	9X-1384 ∞

**PROPOSITION 65 WARNING:** Battery posts, terminals and related accessories contain lead and lead compounds, chemicals known to the state of California to cause cancer and reproductive harm. **Wash hands after handling.**





# LAWN & GARDEN/SMALL ENGINE COMMERCIAL CLIPPER — ENCORE

**IMPORTANT NOTE: BATTERIES CAN EXPLODE!** Always wear safety glasses AND shield eyes when working around batteries. Always check for proper polarity and sufficient terminal clearance BEFORE final installation to avoid dangerous sparks, potential explosion, possible severe personal injury and/or expensive electrical system and/or vehicle/equipment damage. Always check for proper polarity and sufficient clearances before connecting cables and closing hood or covers.

MAKE/EQUIPMENT TYPE/MODEL	OPTION 1	OPTION 2
<b>COMMERCIAL CLIPPER</b>		
1810, 2010	8C-3636	—
<b>COUNTRY CLIPPER</b>		
<b>Riding Mowers:</b>		
1800F, 2200F, 2203M, 2500F, 2503M	8C-3636	—
<b>CUB CADET</b>		
<b>Outdoor Power Equipment:</b>		
All diesel models (ex. below)	8C-3636 §	—
All other models (ex. below)	8C-3636	—
<b>Rear Engine Riders:</b>		
Models 804, 1106, 1108	N.A.	—
<b>Riders:</b>		
Models 55, 60, 75, 80, 81, 85, 85 Special, 86, 87	8C-3636	—
<b>Tractors:</b>		
AGS 2130, HDS 2135, AGS 2140, HDS 2145, AGS 2150, HDS 2155, AGS 2160, HDS 2165, HDS 2185	8C-3636 ¥	—
1440, 1641, 1782, 1863, 1864, 2182, 2284	3T-5859	9X-1384
<b>Compact Tractors:</b>		
7192, 7194, 7195, 7232, 7234, 7235, 7273	3T-5859	9X-1384
<b>Garden Tractors:</b>		
882, 1512, 1572, 1772 before No. 800,000	8C-3636 ¥	—
882, 1512, 1572, 1772 after No. 800,000	3T-5859	9X-1384
<b>CUSHMAN</b>		
Front Line, Turf Truckster	153-5656	3T-5857
<b>DEERE, JOHN</b>		
<b>Lawn Tractors/Mowers:</b>		
All GX, RX, SX & SRX models, Riding Mower S80, S82, S92, F510, F525	8C-3636 ¥	—
F710, F725, F910, F911, F912, F915, F925, F930, F932, F935, Lawn Tractor 210, 212, 214, 300, 400	3T-5859	9X-1384
325, 345, 445, F935, F1145	—	—
Lawn Tractor 60, 70, 100, 108, 110 (8 hp), 111, 112 (below serial #160,000), 112L, 116, 130, 160, 200, 208, Riding Mower 56, 57, 66, 68	8C-3636	—
Lawn Tractor 110 (10 hp), 112 (above serial #160,000), 120, 140, 210, 212, 214, 216, 300, 312, 314, 316 (2 cyl.), 317, 318, 320, 400, 420, 430	3T-5859	9X-1384
R-72 Rider	N.A.	—
R92, STX30, STX38, STX46, 32, 36, 48, 52, 130, 160, 165, 170, 175, 180, 185, 240, 260, 322, 330, 332, 415, 425, 445, 455	8C-3636	—
Turf Mower 756, 856	3T-5859	9X-1384
Turf Mower 3325 (1991-90), 3365 (after 840001)	153-5656	3T-5857
Turf Mower 3325 (1989-88), 3365 (before 840001)	175-4370	—
90, 96	8C-3601	3E-8925
265, 285, 322	3T-5859	9X-1384
330 Diesel, 650 Diesel, 750 Diesel	3T-5859	9X-1384
LX172, LX176, LX178, LX186, LX188, GT242, GT262, GT275, STX30, STX38, STX46	8C-3636 ¥	—
R72, S80, S82, S92, GX70, GX75, GX95, SRX75, SRX95	8C-3636 ¥	—
650, 750, 770	153-5656	3T-5857
850, 950, 1050, 900HC	115-2422	115-2421
655, 755, 855 (before S.N. 615000)	3T-5859	9X-1384
670, 855 (after S.N. 615000), 955	—	—
970, 1070	115-2422	115-2421
4x2, 6x4 Gators	8C-3636 ¥	—
2243 Pro Greens Mower, 1200 Bunker & Field Rake, 2653 Pro Utility Mower	8C-3636 ¥	—

MAKE/EQUIPMENT TYPE/MODEL	OPTION 1	OPTION 2
<b>Deere &amp; Company (continued)</b>		
<b>Lawn Tractors/Mowers (continued):</b>		
2653A Diesel	—	—
2243 Diesel, Utility Vehicle, 141, 151, 161, 162 Vacuum Sweeper	3T-5859	9X-1384
3215, 3235 Lightweight Fairway Mower	—	—
Golf Carts	8C-3641	—
<b>DEUTZ</b>		
<b>(Allis-Chalmers Mfg. Company)</b>		
B-207, B-208, B-210, B-212, HB-212, 610, 710, 712H, 712S, 716H, 912H, 914H, 916H, 917H, 919H, 920D, 1918, 1920	3T-5859 ∞	9X-1384 ∞
T811, T816, 608LTD, 611H, 611LTD, 611 Special, 612, 612LTD, 613, 616H, 616 Special, 830 Sprint, 1036 Sprint, 1814, 1816, 1817	8C-3636	—
405, 508	N.A.	—
608	8C-3636	—
720	7X-6100 π	—
1914, 1916, 1918 (1989), 1920 (1989)	3T-5859	9X-1384
5220 Diesel, 5230 Diesel	8C-3602	143-4084
<b>DEVERE-LOCKE</b>		
EP3T-5859 ∞	9X-1384 ∞	—
TR-9, TR-12½	8C-3636 §	—
<b>DIXIE CHOPPER</b>		
5018, 5020, 5024, 6024	8C-3636	—
<b>DIXON INDUSTRIES</b>		
<b>ZTR Series:</b>		
6022	8C-3636	—
1001, 2301, 3303, 3304, 3362, 4421, 4422, 4423, 4424, 5421, 5423, 5501, 5502, 5601, 6601	8C-3636 §	—
<b>DYNAMARK</b>		
<b>(AMF)</b>		
<b>Outdoor Power Equipment:</b>		
A3611, A3812, A3912, A3916, A4012, A4518, A4618, 1260, 1261, 1268, 1278, 1281, 1282, 1284, 1288, 1291, 1292, 1294, 3188, 3189, 5180, 5181, 5184, 5188, 5283, 5285, 5288, 5289, 5293, 5296, 5297	8C-3636 ¥	—
<b>Tractors:</b>		
11/30, 12.5/40, 14.5/40, 18/43, 8 Hp Rider	8C-3636	—
<b>E.T. RUGG CO.</b>		
5049-E2, 5049-E4, 5069-E, 5088-E, 5089-E	8C-3636	—
<b>ECONOMY TRACTOR</b>		
<b>(See Engineering Products Company)</b>		
<b>ENCORE</b>		
<b>Riders:</b>		
48B 350, 60B 350, 48B 450, 60B 450	3T-5859	9X-1384
42B 350Z, 48B 450Z	8C-3636 ¥	—
<b>Walk-Behinds:</b>		
32B 100, 32K 100, 36K 100, 36K 200, 36K 250, 48K 200, 52K 200	8C-3636	—
48K 250 WT, 48B 350 WT, 48B 450 WT, 52B 300, 52B 350, 52B 450, 52K 200, 600B 450	8C-3636 ¥	—

**PROPOSITION 65 WARNING:** Battery posts, terminals and related accessories contain lead and lead compounds, chemicals known to the state of California to cause cancer and reproductive harm. **Wash hands after handling.**

# LAWN & GARDEN/SMALL ENGINE ENGINEERING PRODUCTS COMPANY — HOMELITE

**IMPORTANT NOTE: BATTERIES CAN EXPLODE! Always wear safety glasses AND shield eyes when working around batteries. Always check for proper polarity and sufficient terminal clearance BEFORE final installation to avoid dangerous sparks, potential explosion, possible severe personal injury and/or expensive electrical system and/or vehicle/equipment damage. Always check for proper polarity and sufficient clearances before connecting cables and closing hood or covers.**

MAKE/EQUIPMENT TYPE/MODEL	OPTION 1	OPTION 2
<b>ENGINEERING PRODUCTS COMPANY</b>		
<b>(Economy Tractor)</b>		
Jim Dundy	8C-3636 §	—
Power King	3T-5859 ∞	9X-1384 ∞
PK1212	8C-3636	—
<b>EXCEL</b>		
2500 Compact	8C-3636	—
<b>Tractors:</b>		
250, 251, 251K, 260K, 261, 262	8C-3636	—
275, 285, 295, 305D, 320, 340, 400, 440	3T-5858	9X-1382
4100-4500 Series, 420 Hustler, 4420 Hustler	3T-5858	9X-1382
<b>EXMARK</b>		
<b>(Commercial)</b>		
Turf Tracer Hydro & Explorer, Lazer Z, Turf Ranger	8C-3636	—
Commercial 60, Explorer 1800, Turf Ranger 1800, Turf Tracer 1800	8C-3636	—
<b>FERRIS</b>		
Pro Cut 19, 22, 32, 61, ProCut Z, Pro Drive 72, Hydro Walk Dual Drive, CTR	8C-3636	—
Commercial 52	8C-3636 §	—
Hydrowalk SD and DD, Criterion 320, 420	8C-3636 ¥	—
G1418, G1818, G1820, H1618, H1818, H2020	8C-3636	—
<b>FLOW-MOW MOWER COMPANY</b>		
JetX 26	3T-5859 ∞	9X-1384 ∞
JetX 2668	8C-3636	—
<b>FMC CORP.</b>		
<b>See Bolens</b>		
<b>FORD MOTOR COMPANY</b>		
LGT100, LGT120, LGT125, LGT145, LGT165, LT75, RMT66	8C-3636	—
70, 75, 80, 100, 120	8C-3636	—
<b>GARDEN PRO</b>		
<b>See Poloran Products</b>		
<b>GARDEN WAY MFG. COMPANY</b>		
<b>(Troy Built)</b>		
Horse, "Troy Built" Rototiller, 12hp, 14hp	8C-3636	—
Pony	N.A.	—
<b>GENERAL APPLIANCE MFG. COMPANY</b>		
All Electric Starters	8C-3636	—
<b>GENERAL POWER</b>		
<b>(Lawn Chief, Tru-Test, Wheeler)</b>		
WES725, WES725-FS, 3-725-E7, 3-725-E8, 3-725-E9	N.A.	—

MAKE/EQUIPMENT TYPE/MODEL	OPTION 1	OPTION 2
<b>GILSON BROTHERS COMPANY</b>		
GT14, GT14E, GT14HE, GT18E, GT18HE, RE8e, RE11e, RE12e, YT11E, YT11HE, YT12E, YT12.5, YT16, YT16E, YT16HE, 8/28, 11/38, 12/38, 53037	8C-3636	—
810, 812, 818, 855, 865, 52015, 52033	N.A.	—
52080, 52081, 52082, 52083, 52084	8C-3636	—
53018, 53019, 53021, 53023, 53024, 53025, 53026, 53027, 53028, 53073, 53074	3T-5859	9X-1384
<b>GRASS HOPPER</b>		
<b>(Moridge Mfg., Inc.)</b>		
All 700 Series w/ air cooling, All 600 & 900 Series	8C-3636	—
All 700 Series w/ liquid cooling	7X-6100 π	—
411, 1200, 1212 Series, 1600	8C-3636	—
<b>GRAVELY CORPORATION</b>		
<b>Outdoor Power Equipment:</b>		
Commercial 10, Commercial 12, Convertible Super, 812, 816, 816S	3T-5859	9X-1384
Professional 8	8C-3636 §	—
Professional 10, 10QS, 12, 12-G, 12QS, 16, 16-G, 18-G, 20-G, 24-G,	3T-5859	9X-1384
Pro 60	8C-3638	—
12-G, 20-G, 818, 5260, 5645	3T-5859	9X-1384
18-H, 1132, 1138, 1232-G, 1232-H, 1238-G, 1238-H	8C-3636	—
408	8C-3636 §	—
ProVac 1050	3T-5859	9X-1384
ProChip 210, 310, 395	8C-3638	—
<b>Pro Master Series:</b>		
18-G, 20-G, 30-H	3T-5859	9X-1384
50, 60	7X-6100 π	—
200 Series	N.A.	—
100, 200 & 300 Series (ex. 360)	8C-3636 §	—
360	3T-5859	9X-1384
400 Series	3T-5858	9X-1382
ATM 72	8C-3600	—
<b>GREAT DANE</b>		
GDZ 52 KH, GDZ 51 KH	8C-3636 ¥	—
<b>HAHN, INC.</b>		
GT-736E, GT-836, RHE-126, RHE-132	8C-3636	—
IHDE-126, IHDE-130, IHSE-126	8C-3636	—
<b>HEILMAN ENTERPRISES</b>		
8-76, 8-77, 11-76, 11-77, 11-78	8C-3636	—
220, 440, 445, 550, 555	8C-3636	—
<b>HESSTON CORPORATION</b>		
CT-10, H-160, H-200, T-10, T-16H, T-135	3T-5859 ∞	9X-1384 ∞
LT-1034, LT-1242, T-8, YT-14, YT-16, YT-18, 730-OLE	8C-3636	—
RE-8e	N.A.	—
<b>HOMELITE</b>		
CT-10, T-10, T-16H, T-135	3T-5859 ∞	9X-1384 ∞
RE830E, RE1030E, RE1230E	N.A.	—
T-8, 730-OLE, LT-1034, LT-1242, YT-14, YT-16, YT-18	8C-3636 §	—
EH/HL4400, 180HIE63, LT 1238G, LT 1438G	8C-3636 ¥	—

**PROPOSITION 65 WARNING:** Battery posts, terminals and related accessories contain lead and lead compounds, chemicals known to the state of California to cause cancer and reproductive harm. **Wash hands after handling.**



# LAWN & GARDEN/SMALL ENGINE

## HONDA — KUBOTA

**IMPORTANT NOTE: BATTERIES CAN EXPLODE!** Always wear safety glasses AND shield eyes when working around batteries. Always check for proper polarity and sufficient terminal clearance BEFORE final installation to avoid dangerous sparks, potential explosion, possible severe personal injury and/or expensive electrical system and/or vehicle/equipment damage. Always check for proper polarity and sufficient clearances before connecting cables and closing hood or covers.

MAKE/EQUIPMENT TYPE/MODEL	OPTION 1	OPTION 2
<b>HONDA</b>		
EMS4000, EMS4500, EX5500 (Generator)	8C-3636 \$	— <sup>2</sup>
ES6500 (Generator)	8C-3636 \$	— <sup>2</sup>
Harmony 1011, 2013	8C-3636	—
H4013, 4514, 4518, 7020	8C-3636 ¥	—
HTR3009, HT3810, HT3813, HT4213, H3011, H4013, H4514H, H5013, H5518	8C-3636	— <sup>3</sup>
H6522	3T-5859 ∞	9X-1384 ∞ <sup>2</sup>
<b>HOWARD PRICE</b>		
All riders	153-5656	3T-5857
Hydro Power 180 (req. 2 batts.)	153-5656	3T-5857
Turf Blazer: 530, 727	153-5656	3T-5857
48, 52, 360Z walk-behinds	8C-3636	—
<b>HUFFMAN MFG. COMPANY</b>		
<b>(Huffy)</b>		
All 1974 32" Riders	8C-3636	—
H-270, H-360	N.A.	—
<b>HULL INDUSTRIES</b>		
TC30ER	N.A.	—
<b>HUSQVARNA</b>		
<b>Tractors:</b>		
LR 120, LR 125, LR 110, LRH 125, LTH 140	8C-3636	—
LT 120, LT 130, LTH 120, LTH 130, 145	8C-3636 \$	—
GT 200, GTH 200, GTH 220, YT 140, YT 180, YTH 150, 160, 180, 970 Rider	8C-3636 \$	—
970-12S	N.A.	—
<b>HUSTLER</b>		
Excel	8C-3636	—
320, 340, 362	153-5656	3T-5857
Short Cut Stand-Behind 1500	8C-3636 \$	—
251K and 260K Riders	8C-3636 ¥	—
2500 Rider (25 Hp Kohler)	8C-3636 \$	—
3000 Series	3T-5858	9X-1382
<b>INGERSOL</b>		
<b>Garden Tractors:</b>		
YT112, YT114, YT116, 210, 220, 222, 224, 226, 444, 446, 448, 648, 3010, 3012, 3014, 3016, 3018, 4014, 4016, 4018, 4020, 4116, 6018 (before 1992)	8C-3636	—
1992 and later models, 4118, 4120, 6018, 6018BH, 6020, 6020BH	8C-3636 ¥	—
<b>Tractor Loaders/Backhoes:</b>		
6018, 6018BH, 6020, 6020BH	8C-3636 ¥	—
<b>Front Cut Mowers:</b>		
5012, 5016, 5018, 5018CD, 5020V, 5118D, 5318V, 5320V, 5720V, 5822K	8C-3636 ¥	—
<b>Riding Mowers:</b>		
80XC, 80XE, 80XI, 80XM, 808, 810	8C-3636	—
<b>Yard Tractors:</b>		
108, 110, 111, 112, 112B, 114, 114B, 116, 116B	8C-3636	—
1212G, 1212H	8C-3636	—
1214, 2012, 2014	8C-3636 ¥	—

MAKE/EQUIPMENT TYPE/MODEL	OPTION 1	OPTION 2
<b>INTERNATIONAL HARVESTER</b>		
Cub Cadet without Electric Start	N.A.	—
Cub Cadet 70, 71, 72, 73, 86, 100, 102, 104, 105, 106, 107, 108, 109, 122, 123, 124, 125, 126, 127, 128, 129, 147, 149, 169, 482, 582, 682, 782, 800, 982, 1000, 1100, 1200, 1250, 1450, 1650	8C-3636	—
Cub Cadet 76, 80, 81, 111, 182, 282, 382, 482, 502, 602, 702, 800 Riding Mower 55, 60, 75, 85, 85 Special	8C-3636	—
Riding Mower 95 (Electric)	8C-3639	—
782D (Diesel)	8C-3636 ¥	—
<b>ISEKI</b>		
All models	N.A.	—
<b>ITC TRACTOR</b>		
UC 24 HD	8C-3600	—
UC 25 HD	8C-3600	—
<b>J.C. PENNEY</b>		
931-0079, 931-0087	3T-5859 ∞	9X-1384 ∞
931-2703, 931-2737, 931-5730	8C-3636	—
<b>JACOBSEN MFG. COMPANY</b>		
Chief, Super Chief, 750 Deluxe, 42602, 53034, 53039, 53050, 53082, 53092, 53105	8C-3636	—
Commercial 32-50, Crew Chief, CR50, GT10G, GT12A, GT12G, GT12H, GT14H, GT16G, GT16H, LTX8, LTX11, 5330, 53107, 53146, 53148, 53200, 53215, 53275, 53300, 53330	8C-3636	—
C118, DW220 Diesel	3T-5859	9X-1384
Javelin MK11, 42642, 43020, 43032, 43034, 43037, 43043, RE-80	N.A.	—
<b>KAWASAKI</b>		
Mule 550	N.A.	—
Mule 2500	N.A.	—
<b>KEES</b>		
<b>(Commercial)</b>		
48, 60, ZT Max Rider	8C-3636	—
<b>KIOTI</b>		
LB 1914, LK 2554, LK 3054	3T-5858	9X-1382
<b>KUBOTA</b>		
<b>Outdoor Power Equipment/Tractors:</b>		
ADT 70S (Tiller)	N.A.	—
AD70 Diesel (Tiller), G2000, G2000S	8C-3636	—
All L Series, All M Series	8C-3601	3E-8925
B20, B1550, B1750, B2150, B4200, B5200, B6200, B7100, T1640	3T-5859 ∞	9X-1384 ∞
B5100, G3200, G4200, G5200, T1700X, T1700HX	8C-3636 \$	—
B1700, B2100, B2400, G1800, G1800S, G1900, G1900S, G2000S	—	—
B6100, F150S, F260S, F300S	N.A.	—
B6200HST, B7200, B7200HST, B8200, B8200HST, B9200, B9200HST	153-5656	3T-5857

**PROPOSITION 65 WARNING:** Battery posts, terminals and related accessories contain lead and lead compounds, chemicals known to the state of California to cause cancer and reproductive harm. **Wash hands after handling.**

**IMPORTANT NOTE: BATTERIES CAN EXPLODE! Always wear safety glasses AND shield eyes when working around batteries. Always check for proper polarity and sufficient terminal clearance BEFORE final installation to avoid dangerous sparks, potential explosion, possible severe personal injury and/or expensive electrical system and/or vehicle/equipment damage. Always check for proper polarity and sufficient clearances before connecting cables and closing hood or covers.**

MAKE/EQUIPMENT TYPE/MODEL	OPTION 1	OPTION 2
<b>KUBOTA (continued)</b>		
<b>Outdoor Power Equipment/Tractors (continued):</b>		
F2100, F2400	8C-3600	---
F2260, 2560, 3060	8C-3600 Y	---
GF1800 (4 WD), GF1800E	---	---
G2000	---	---
G6200, PX2100	8C-3636	---
LA271	---	---
T1400, T1460, T1560, T1600, T1600H	8C-3636 Y	---
T1460, 1560, 1760	8C-3636 Y	---
<b>Mowers:</b>		
K2260, K2560, K3060	8C-3600	---
<b>LAWN BOY (GILSON)/TORO</b>		
<b>Outdoor Power Equipment:</b>		
GT18H	3T-5859	9X-1384
LT12, LT12H, LT12.5G, RE8e, RE12e	8C-3636	---
7258E, 7259E, 7260E	N.A.	---
9303ES, 9325ES, 9328E, 9328ES, 9329ES, 9365ES, 9368E, 9368ES, 9369ES	8C-3636	---
9329ES, 9369ES (prior to 1975)	8C-3636 §	---
<b>Lawn &amp; Garden Tractors/Rear Engine Riding Mowers:</b>		
52138 12Hp, 52142 11Hp, 52149 Hydro 12Hp, 52161 Hydro 12.5Hp, 52144 8Hp, 52145 12Hp	8C-3636	---
53084 18Hp, 52164 16Hp	3T-5859	9X-1384
<b>Yard Tractors:</b>		
52140 16Hp, 52153 12.5 Hp, 52163 14Hp	8C-3636	---
YT-16	8C-3636	---
333, 335, 5802, 5803, 7258E, 7259E, 7260E, 8227E, 8228E, 8229E, 8229EA, 8233E	N.A.	---
<b>LAWN CHIEF</b>		
<b>See General Power</b>		
<b>LESCO</b>		
Commercial Hydro 52" walk-behind, 52 Commercial Zero Turn Radius Rider	8C-3636	---
LCR 2200 Tractor	153-5656	3T-5857
030248, 030252, 024952	8C-3636	---
<b>LOCKE-DEVERE</b>		
3, 5, 6, 8, 10, 12, 21, 22, 23	3T-5859 ∞	9X-1384 ∞
<b>MAGNUM</b>		
MF-7, MF-8 electric, MF-8 Hydra-spd, MF-10, MF-12	8C-3636	---
MF-10, MF-10S/N, MF-12, MF-12S/N, 506, 781-MF and up, 834, 953-M4, 1446	3T-5859 ∞	9X-1384 ∞
MF85, MF1200, MF1450, MF1650, MF1655, MF1855	3T-5859	9X-1384
MF-14, MF-16	153-5656	3T-5857
<b>MASSEY-FERGUSON, INC.</b>		
<b>Outdoor Power Equipment:</b>		
MF6 Electric, MF832 Electric	N.A.	---
MF-7, MF-8 Electric, MF-8 Hydra-Spd, MF10, MF12	8C-3636 §	---
MF-10, MF10S/N, MF-12, MF12S/N, 506, 781-M4 & up, 834, 953-M4, 1446	3T-5859 ∞	9X-1384 ∞
MF14, MF16	153-5656	3T-5857
MF85, MF1200, MF1450, MF1650, MF1655, MF1855	3T-5859	9X-1384

MAKE/EQUIPMENT TYPE/MODEL	OPTION 1	OPTION 2
<b>Massey-Ferguson, Inc. (continued)</b>		
<b>Compact Tractors:</b>		
MF-205, MF-210, MF-220, MF-1020, MF-1030, MF-1040	153-5656	3T-5857
MF-1010	3T-5858	---
<b>Tractors/Mowers:</b>		
2316H, 2409G, 2412H	8C-3636	---
2512G, 2512GT, 2512H, 2614H, 2616C, 2615H, 2616H, 2718H	8C-3636 Y	---
2514G, 2411G, 2413H	8C-3636	---
2514H, 2516H	8C-3636	---
2818H, 2818 PS, 2918H, 2920H	3T-5859	9X-1384
<b>Zero Turn Mowers:</b>		
ZT14H, 16H	8C-3636	---
<b>MAXIM</b>		
All models	8C-3636	---
<b>MCDONOUGH POWER EQUIPMENT, INC.</b>		
2652S, 3081S, 25083, 25083S	8C-3636	---
2681S, 2810WS, 2880WS, 3010WS, 3081ES, 4210WS, 25062S, 26062S, 33113S	8C-3636 §	---
<b>MINNEAPOLIS-MOLINE</b>		
All models	8C-3636	---
<b>MITSUBISHI</b>		
D1500, D2000, D2300, D2350, D2600, D2650, D3250, M1301	N.A.	---
S630, ST1500, ST1510, ST1520, ST1550, ST2001, ST2300	N.A.	---
MT160D, MT180, MT180HMD	3T-5859 ∞	9X-1384 ∞
MT180D (1989)	3T-5859	9X-1384
MT210, MT250	153-5656	3T-5857
MT250D	153-5656	3T-5857
<b>MONTGOMERY WARDS</b>		
99 & Under Series	N.A.	---
1300-1400 Series	8C-3636	---
33000	3T-5859 ∞	9X-1384 ∞
<b>MORIDGE MFG., INC.</b>		
<b>See Grass Hopper</b>		
<b>MOWETT SALES</b>		
<b>(Mustang)</b>		
All Electric Start, 248E Mustang	8C-3636	---
<b>MTD PRODUCTS</b>		
385, 395, 465, 485, 497, 525, 760, (prior to 1980)	8C-3636	---
385, 395, 465, 485, 497, 525, 760, (1980 & after)	N.A.	---
410, 412, 466, 489, 500, 526, 600 (single-cylinder), 698	N.A.	---
435, 445, 495, 632, 642, 660, 672, 682	8C-3636	---
600 (dual-cylinder), 775, 795, 796, 812, 852, (1989 & after)	N.A.	---
775, 795, 796, (prior to 1989)	N.A.	---
812, 852, (prior to 1989)	8C-3636	---
960, 990	3T-5859 ∞	9X-1384 ∞
G695G, M660G, Q665H, S825H, B560B, E451F, H661F, L450C	8C-3636 Y	---
L660F	8C-3636	---

**PROPOSITION 65 WARNING:** Battery posts, terminals and related accessories contain lead and lead compounds, chemicals known to the state of California to cause cancer and reproductive harm. **Wash hands after handling.**



# LAWN & GARDEN/SMALL ENGINE

## MURRAY, INC. — SEARS, ROEBUCK & COMPANY

**IMPORTANT NOTE: BATTERIES CAN EXPLODE! Always wear safety glasses AND shield eyes when working around batteries. Always check for proper polarity and sufficient terminal clearance BEFORE final installation to avoid dangerous sparks, potential explosion, possible severe personal injury and/or expensive electrical system and/or vehicle/equipment damage. Always check for proper polarity and sufficient clearances before connecting cables and closing hood or covers.**

MAKE/EQUIPMENT TYPE/MODEL	OPTION 1	OPTION 2
<b>MURRAY, INC.</b>		
<b>Outdoor Power Equipment:</b>		
All Electric Start, 5-31704, 5-36506, 5-36508, 5-36523, 5-36528, 5-38205, 5-38206, 5-39004, 5-40700, 5-40701, 3613, 3623, 3633, 3653, 3656, 3662, 3666, 3667, 3697, 4169, 4297	8C-3636	—
6-30502, 6-30502X4, 6-30702, 6-30702X4, 7-30502, 2523, 3033, 3035	N.A.	—
12/38, 12/40, 14/40, 14/46, 18/42 (4 & 5 speed), 31515, 36502, 36519, 36534, 36557, 36560, 38219, 40713	8C-3636	—
4166, 4266	8C-3636 §	—
35500, 38204, 38205, 38206, 38211, 38219, 39044 (after 1984), 40700, 40708	8C-3636 §	—
38500, 40530, 42560, 46560, 48560	8C-3636	—
46379, 52370	8C-3636	—
30545, 20705 X6, 20705 X92	8C-3636	—
<b>1996 Riders:</b>		
10 Hp/30" & 12 Hp/38"	8C-3636	—
<b>1996 Tractors:</b>		
12 Hp/38", 12.5 Hp/40", 14.5 Hp/42", 16 Hp/42", 16 Hp/46", 18 Hp/46", 18Hp/46" GT, 18 Hp/46" LTX, 18.5 Hp/46" GT	8C-3636	—
<b>MUSTANG</b>		
<b>See Mowett</b>		
<b>NOMA</b>		
<b>(Division of Murray, Inc.)</b>		
GTI-1646, GTX-1846, LT-1239, LX-1240, LXI-1340, LXI-1440, LXI-1646	8C-3636	—
36010, 321050 thru 321054, 328000 thru 328018, 360100	N.A.	—
Command 18 Hp/43", 1643P, 1846P, 2046P	8C-3636	—
19 Hp/46" Automatic Drive, GT 18 Hp/46", GT 18Hp/43", 14543 & 14450 Signature Premier, 14.5 Hp/40" & 43", 15Hp/43", 16Hp/43"	8C-3636	—
<b>OUTDOOR POWER EQUIPMENT</b>		
<b>(FMC Corp.) - See Bolens</b>		
<b>POLORAN PRODUCTS</b>		
<b>(Garden Pro)</b>		
5500M, 5501M, 10033J	N.A.	—
6502M, 6503M, 6504M	8C-3636 §	—
8902B, 8903B, 8904B, 8905B, 9902M, 9903M, 9904M, 9905M	8C-3636	—
<b>POULAN</b>		
<b>Tractors:</b>		
All models (ex. below)	8C-3636	—
PP125H38, PP14542, PP15H42, PP1844, PP2050	8C-3636 §	—
PP1536, 1388, 1846A, 22H50, 16H42	8C-3636 §	—
<b>POWER KING</b>		
<b>Outdoor Power Equipment:</b>		
1212, 1214	8C-3636	—
1218, 1614, 1617, 1618, 1620, 2414, 2417, 2418	3T-5859	9X-1384
<b>Tractors:</b>		
1218 HV, 1618 GV, 1620GV, 1620 HV, 1622HV, UT620 HV, UT622 HV	3T-5859 ∞	9X-1384 ∞
1220HV	8C-3636 ¥	—

MAKE/EQUIPMENT TYPE/MODEL	OPTION 1	OPTION 2
<b>RALLY</b>		
All models	8C-3636 §	—
<b>RANSOMES</b>		
Bobcat Walk-behind, T3100 rider	8C-3636	—
Bobcat ZT 2000	8C-3636 ¥	—
Cushman Groom Master 723D	3T-5858	9X-1382
723D	8C-3600	—
951D	153-5656	3T-5857
FM74-S, T22DV, T28WCG	3T-5859	9X-1384
T-16K, T-1861	8C-3636	—
<b>RICH MFG.</b>		
<b>Zero Turn Walk-Behind/Riders:</b>		
WR-1700, 2000, 2500	8C-3636 ¥	—
<b>ROOF MFG. COMPANY</b>		
93071, 492683, 493081	8C-3636	—
<b>ROOT MFG. COMPANY</b>		
MR-8, NE-8	3T-5859 ∞	9X-1384 ∞
30-N7-3, 30-N8-E, 830E	8C-3636 §	—
<b>ROPER SALES CORPORATION</b>		
K522, K852, L722, L72256R, 96941, 962927	N.A.	—
L063, T863	8C-3636	—
T022, T322, T323, T622, T632, T633, T822	8C-3636 §	—
10HP-18HP	8C-3636	—
K9224AR, K922PRA, K9324AR, K932PRA, L8000AT	N.A.	—
<b>ROPER/RALLY</b>		
10HP, 11HP, 12HP, 14HP, 16HP, 18HP	8C-3636	—
<b>SABRE</b>		
<b>(by John Deere)</b>		
Garden Tractors: All	8C-3636	—
<b>SCAG POWER EQUIPMENT</b>		
ST-Series	8C-3636	—
STG-Series	8C-3636	—
STH-13KA, STH-13KH, STH-14BV, STH-14KH, STH-18KH, STH-20KH, STHM-20KH, SW-18KHE, SW-20KHE, SWZ-20KHE, STZ52-20KH	8C-3636	—
<b>SCOTTS</b>		
<b>(by Murray)</b>		
<b>Garden Tractors:</b>		
42531X8, 42561X8, 42562X8, 46561X8, 50563X8, 50560X8	8C-3636	—
<b>SEARS, ROEBUCK &amp; COMPANY</b>		
All Compact, Custom, Suburban, SS, ST (1966-1975) Tractors	8C-3636 §	—
Hydro-Trac Tractors (1966-72)	8C-3636 §	—
K8327AR; 8-2525; 8-2526; 8-3025; 8-3026; 8-3625; 502.256050, -051, -060, -061, -062, -063, -070, -071, -080, -081, -120, -126, -130, -131, -132, -134, -136A, 138; 917.255260, -270, -271, -272, -273, -330, -340; 25523; 25526; 25527; 255113; 255120; 255212; 255221; 255223; 255232; 881400; 881700	N.A.	—

**PROPOSITION 65 WARNING:** Battery posts, terminals and related accessories contain lead and lead compounds, chemicals known to the state of California to cause cancer and reproductive harm. **Wash hands after handling.**



# LAWN & GARDEN/SMALL ENGINE

## SEARS, ROEBUCK & COMPANY — TORO/WHEEL HORSE

**IMPORTANT NOTE: BATTERIES CAN EXPLODE!** Always wear safety glasses AND shield eyes when working around batteries. Always check for proper polarity and sufficient terminal clearance BEFORE final installation to avoid dangerous sparks, potential explosion, possible severe personal injury and/or expensive electrical system and/or vehicle/equipment damage. Always check for proper polarity and sufficient clearances before connecting cables and closing hood or covers.

MAKE/EQUIPMENT TYPE/MODEL	OPTION 1	OPTION 2
<b>Sears, Roebuck &amp; Company (continued)</b>		
Lawn Tractors 502.25538; 502.25565, -66; 520.25800, -810, -830; Pre 1966 Suburban Tractors	8C-3636	—
Lawn Tractors 917; 2577; 25700, -01; 25710; 25760; 25780-1	8C-3636 §	—
131.96927, -941, -970, -9310; 536.250820, -821, -822, -823, -870, -920, -921, -922; 536.255110, -112, -113, -212, -220, -221, -230, -231, -232, -240, -250; 536.657020, -040, -060, -080; 536.658080; 536.963100; 917.250740; 917.255120, -121; 917.259180, -320	N.A.	—
502.23365, -66; 502.25617, -618, -619; 917.25424, -431, -432, -434, -435, -474, -541, -558, -582; 917.2561321	8C-3636 §	—
502.256135, -136, -137, -140, -141, -142	N.A.	—
502.2561321, -128, -575, -576; 917.25700; 917.25701	8C-3636	—
255240; 255250	N.A.	—
<b>SIMPLICITY MFG. COMPANY</b>		
<b>Lawn &amp; Garden Tractors/Mowers:</b>		
Rear Rider	N.A.	—
Sun Star 8000 Series	3T-5859	9X-1384
Sun Star 20H, 18H	3T-5859	9X-1384
Sovereign 18H, 18PS	3T-5859	9X-1384
Broadmoor 14H, 14VH, 15G, 15H, 16H, Landlord 18H, 16G, 16H, Regent 12G, 12H	8C-3636 ¥	—
Regent 14G, 16G, 14H, 16H	8C-3636	—
Coronet 11G, Front Cut 16H	8C-3636	—
Coronet 9G, 12G, 12H, 13H, Hydrostatic 16H	8C-3636	—
12FCA, 16CFC, 16FGH, 16GTH, 17GTH, 18CFC, 3105, 3108H, 3110, 3110E, 4208G, 4211G, 4211H, 4212, 5211G, 5212.5, 5216G, 5216H, 6211, 6216	8C-3636	—
525, 535	N.A.	—
725	8C-3636 §	—
3008, 3008-3, 990775	N.A.	—
4080, 4111, 5008, 6008, 6011, 990780	8C-3636 §	—
5010, 7010, 7012, 7013, 7014, 7016, 7016H, 7016M, 990755, 990756, 990757, 990758, 990759	3T-5859 ∞	9X-1384 ∞
7790	153-5656	3T-5857
9020	7X-6100 π	—
41000 Series	8C-3636 §	—
<b>SNAPPER</b>		
<b>(Comet)</b>		
<b>Mowers:</b>		
Great Dane rider	7X-6100 π	—
LT-11, LT-12, LT-12D, LT-16, 1233, Z1801K	8C-3636	—
214XIPS, 2140IPS, 2140IS (walk mowers)	N.A.	—
<b>Lawn &amp; Garden Tractors:</b>		
265XS, 266XS, 267XS, 268XS, 306RAS, 306XS, 307XS, 308XS, 350XS, 417XS, 418RS, 418XS, 2650S, 2680S, 2681S, 2810WS, 2880WS, 3010WS, 3080S, 3081S, 3081WS, 3652S, 4210WS, 25062S, 25063S, 25064S, 25083, 25083S, 25084S, 26062S, 26063S, 26064S, 26083S, 26084S, 28083S, 28084S, 28114S, 30083S, 30084S, 30114S, 33113S, 33114S, 42113S	8C-3636 §	—
<b>SPEDEX TRACTOR COMPANY</b>		
S-17, S-18, S-19, S-24, 820, 840, 1020, 1030, 1320, 1330, 1632	8C-3636	—
1240, 1240M, 1640, 1640M, 1722, 1732, 1822	8C-3636	—

MAKE/EQUIPMENT TYPE/MODEL	OPTION 1	OPTION 2
<b>SPIRIT</b>		
<b>Q-Drive Riders:</b>		
1136Q, 1236Q, 1442Q, 1650Q	8C-3636 §	—
<b>Hydrostatic Drive Riders:</b>		
1650H, 1850H, 1860H	8C-3636 §	—
<b>SPIRIT II</b>		
<b>Lawn Sport:</b>		
14LS, 16LS, 18LS	8C-3636 ¥	—
<b>Lawn Pro:</b>		
14H, 16H, 18H, 20H	8C-3636 ¥	—
<b>STEINER</b>		
Tractors: 220, 410, 430, 430 Max, 525	8C-3600	—
All other models	3T-5859	9X-1384
<b>SWISH-ERR</b>		
<b>Three Wheel Tractors:</b>		
AZV-6, AZ2/AZV, A12V8S/AZV-12V-8S	8C-3636	—
<b>Front Mower Riders:</b>		
1642H, 1650H, 1850H, 2060H	8C-3636 ¥	—
18Hp/32"	N.A.	—
<b>SYCAMORE MFG. COMPANY</b>		
732E	8C-3636	—
<b>TORO MFG. COMPANY</b>		
<b>Outdoor Power Equipment:</b>		
Big Red, CT-7, LT-6, LT-7, LT-7E, Pro Line 620Z, 724Z Riders, ProLine 37, 52, 62 Walk-Behinds, 940, 55150, 55151, 55152, 56044	8C-3636	—
Front Runner	3T-5859 ∞	9X-1384 ∞
Ground Master 52, Ground Master 220	3T-5859	9X-1384
Ground Master 200 & 300 Series	8C-3600	—
Ground Master 72	153-5656	3T-5857
Ground Master 117 & 120, TE-10, TE-12, 7-25, 11-32, 11-38, 11-44, 37300, 37351, 57300, 57351, 57356, 57360	8C-3636	—
56027, 56033, 56044	8C-3636	—
12-32XL, 13-38XL, 14-38HXL, 16-44HXL, 265-6, 266-H, 314, 415 & 520 Hydro, 312	8C-3636	—
ZRT320, ZRT325, Z222, Z218	8C-3636 ¥	—
<b>Riding Mowers:</b>		
1000-L, 220, 120	8C-3600	—
<b>Walk Behinds - Gear Drives:</b>		
30167, 30159, 30177, 30182, 30183	8C-3636 ¥	—
<b>Walk Behind - Hydro Drives:</b>		
30187, 30189, 30192	8C-3636 ¥	—
Toro Turf Sweeper (18 Hp Kohler)	153-5656	3T-5857
<b>TOROWHEEL HORSE</b>		
<b>Tractors:</b>		
265-6, 266-H, 312, 314 Hydro, 415 Hydro, 520 Hydro, 12-32XL, 13-38XL, 14-38HXL, 16-44HXL	8C-3636	—
210-5, 210-H, 212-5, 212-H, 216-5, 216-H, 310-8, 310-H, 312-8, 312-H, 416-8, 416-H, 520-8, 520-H, 612-Z, 616-Z, 620-Z, 724-Z	8C-3636	—
1200-HMR, 1600-HMR, 8-25, 8-32, 10-32, 11-32, 12-32, 13-32	8C-3636	—

**PROPOSITION 65 WARNING:** Battery posts, terminals and related accessories contain lead and lead compounds, chemicals known to the state of California to cause cancer and reproductive harm. **Wash hands after handling.**

BATTERY SAFETY  
CATERPILLAR EQUIP.  
INDUSTRIAL EQUIPMENT  
FARM EQUIPMENT  
TRUCKS & BUSES  
AUTO & LTV  
L & G / SMALL ENGINE  
REFERENCE



# LAWN & GARDEN/SMALL ENGINE

## TROY BUILT — YARD PRO

**IMPORTANT NOTE: BATTERIES CAN EXPLODE!** Always wear safety glasses AND shield eyes when working around batteries. Always check for proper polarity and sufficient terminal clearance BEFORE final installation to avoid dangerous sparks, potential explosion, possible severe personal injury and/or expensive electrical system and/or vehicle/equipment damage. Always check for proper polarity and sufficient clearances before connecting cables and closing hood or covers.

MAKE/EQUIPMENT TYPE/MODEL	OPTION 1	OPTION 2
<b>TROY BUILT</b>		
<b>Rototillers:</b>		
Pony	N.A.	—
Horse, Big Red Horse	8C-3636 Y	—
<b>Tractors:</b>		
12HP, 14HP, 13 & 15 Gear or Hydro, GTX & GTX18	8C-3636	—
16 & 18 Hydro	8C-3636 Y	—
3000, 13000 Series	8C-3636 Y	—
<b>TRU-TEST</b>		
WDE-8325, WDE-10365, WE-8325, WE-10365, 2-832E5, 3-83DE-5, 6-1036ES, 7-1036DE-5	8C-3636	—
<i>If model is not listed, refer to General Power.</i>		
<b>TURFMASTER</b>		
12/36, 12/39	8C-3636	—
18/42	8C-3636	—
<b>ULTRA</b>		
<b>(Div. of Murray, Inc.)</b>		
<b>Tractors:</b>		
15.5 Hp/42", 17 Hp/46", 19Hp/46", 20 Hp/46"	8C-3636	—
<b>VECTRAL</b>		
<b>(Div. of Murray, Inc.)</b>		
<b>Riders:</b>		
11.5 Hp/30"	8C-3636	—
<b>Tractors:</b>		
13Hp/40", 15 Hp/42", 16.5 Hp/42"	8C-3636	—
<b>VOELLER, INC.</b>		
SS-7	8C-3636	—
<b>WALKER MOWERS</b>		
All models	8C-3636	—
<b>WESTERN INTERNATIONAL</b>		
320800, 361000, 361100, 361102, 361103, 361104, 361105, 361106, 361107, 361113, 361114, 421101, 456301, 458301, 3208000	N.A.	—
<b>WHEEL HORSE PRODUCTS, INC.</b>		
<b>Riders:</b>		
8-25, 11-32, 13-22, 21-42	8C-3636	—
<b>Tractors:</b>		
12-32XL, 13-38XL, 14-38HXL, 16-44HXL	8C-3636	—
265-6, 266-H, 314 Hydro, 415 Hydro, 520 Hydro, 312	8C-3636	—
265H	8C-3636 Y	—
A50	8C-3636	—
A80, A81, B11, B80, B81, B100, Charger V7 & V8, Commando V7 & V8, Commando 8, C81, Electric Lawn Ranger, Electric Work Horse 700	8C-3636	—
A85, A115, 108-3, 108-5, 111-5	N.A.	—
Charger 10 & 12, C100, C120, C160, Electro 12, GT-14, Raider 10 & 12	3T-5859 ∞	9X-1384 ∞
C101, C121, C141, C161, C161 Twin, D-250, 212-6, 308-8, 310-8, 312-A, 312-8, 314-8, 314-H, 414-8, 416-8, 418-A, 418-8, 420-LSE	8C-3636	—

MAKE/EQUIPMENT TYPE/MODEL	OPTION 1	OPTION 2
<b>WHEELER</b>		
See General Power		
<b>WHITE OUTDOOR PRODUCTS</b>		
FR-2, FR-1800, FR-2000C, GT-180, LTG-165, GT-2055	8C-3636	—
GT-1000, R80, T80, T85, T100, T800	8C-3636	—
GT-1050, GT-1600, GT-1650	3T-5859	9X-1384
FST-16, GT-185, GT-205, LT-125, LT-153, LT-160, LT-165	N.A.	—
<b>WIKOV</b>		
<b>(Wisc. Utility Tractors: Eng.)</b>		
<b>Outdoor Power Equipment:</b>		
5000, 5013, 5032, 5033	115-2422	115-2421
<b>Lawn Mowers:</b>		
2500, 2512, 2515, 2516, 2520, 4320	8C-3636	—
<b>WISCONSIN MARINE</b>		
Jaguar 61	3T-5859	9X-1384
T1661	3T-5859 ∞	9X-1384 ∞
<b>WOODS</b>		
<b>(Commercial)</b>		
1250, 1850	8C-3636	—
1860	7X-6100 π	—
<b>YAMAHA</b>		
YT3600, YT5700, YT6700, YT6800	8C-3636	—
<b>YANMAR</b>		
<b>Generator</b>		
GT14, YM122, YM140, YM146, YM164, YM180, YM180D, YM187	N.A.	—
YM155, YM165	8C-3636 §	—
YM220	153-5656	3T-5857
<b>YARD MAN, INC.</b>		
<b>Beetle</b>		
LTH-42, 3960, 13518, 13655, 13665, 13675, 13735, 14805	8C-3636	—
999, 1674G, J694H, J844H3260, V694G, X614G, X674G, X694G, 3390, 3400, 3480, 3770, 3810, Y834P, Y844P	8C-3636	—
W834H, W844H, 3694H	8C-3636	—
3420, 3730	N.A.	—
A694F	N.A.	—
<b>YARD PRO</b>		
GTK18, GTV16, LR11, LR12, LT12, YTH12	8C-3636 §	—
YPT 1542, YPT 1846, Weed Eater HDC 14542, HDC 12538	8C-3636 §	—

**PROPOSITION 65 WARNING:** Battery posts, terminals and related accessories contain lead and lead compounds, chemicals known to the state of California to cause cancer and reproductive harm. **Wash hands after handling.**

**IMPORTANT NOTE: BATTERIES CAN EXPLODE!** Always wear safety glasses AND shield eyes when working around batteries. Always check for proper polarity and sufficient terminal clearance **BEFORE** final installation to avoid dangerous sparks, potential explosion, possible severe personal injury and/or expensive electrical system and/or vehicle/equipment damage. Always check for proper polarity and sufficient clearances before connecting cables and closing hood or covers.

MAKE/EQUIPMENT TYPE/MODEL	OPTION 1	OPTION 2	MAKE/EQUIPMENT TYPE/MODEL	OPTION 1	OPTION 2
<b>YAZOO MFG. COMPANY</b>					
<b>Outdoor Power Equipment:</b>					
Eagle V-27.5 HP Diesel	153-5656	3T-5857			
YHR16B, YHR18.5W, YHR23K, YR36, YR42, YR48, YR60, YR76	3T-5859	9X-1384			
YR308BE, YR3012BE	8C-3636	—			
<b>Riders:</b>					
YR30, YZTK20	8C-3636	—			
YTBS-D265, YTKC25	127-0826 ¥	—			
YTKC22, YTBSV18	8C-3600	—			
<b>Walk Behinds:</b>					
YHRK20, YHRLK20 & 23, YHRK230 YHRLD25 & 212, YTK25, YTCK22	7X-6100 π	—			
<b>Zipper:</b>					
TS-14, -18, -20, -22	8C-3636	—			

**Lawn & Garden/Small Engine Replacement Footnote Codes:**

- π Replacement battery is longer than O.E. Hold-down and/or tray replacement may be necessary.
  - ∞ Replacement battery is wider than O.E. Hold-down and/or tray replacement may be necessary.
  - ¥ Check O.E. CCA requirements. **Replacement CCA may not be sufficient.**
  - § O.E. battery has reverse terminals. **WATCH POLARITY!** Cable replacement may be necessary.
  - N.A. Requires motorcycle type battery.
- 
- <sup>2</sup> Can be used as a possible alternative to original equipment battery.
  - <sup>3</sup> Can be used as a possible alternative to original equipment battery with 885L adapter.
  - <sup>4</sup> Some models were supplied with manifold vented battery.

**PROPOSITION 65 WARNING:** Battery posts, terminals and related accessories contain lead and lead compounds, chemicals known to the state of California to cause cancer and reproductive harm. **Wash hands after handling.**

# BCI Group Numbers and Dimensions

BCI GRP. NO.	BCI FIG. NO.	VOLTS	MAXIMUM OVERALL DIMENSIONS in INCHES and (MM)					
			L		W		H	
1	2	6	9 $\frac{1}{8}$	(232)	7 $\frac{1}{8}$	(181)	9 $\frac{3}{8}$	(238)
2	2	6	10 $\frac{3}{8}$	(264)	7 $\frac{1}{8}$	(181)	9 $\frac{3}{8}$	(238)
2E	5	6	19 $\frac{5}{16}$	(492)	4 $\frac{1}{8}$	(105)	9 $\frac{1}{8}$	(232)
2N	1	6	10	(254)	5 $\frac{5}{16}$	(141)	8 $\frac{15}{16}$	(227)
3	2	6	11 $\frac{3}{4}$	(298)	7 $\frac{1}{8}$	(181)	9 $\frac{3}{8}$	(238)
3D	2	6	20 $\frac{3}{8}$	(518)	8 $\frac{3}{4}$	(222)	10	(254)
3EE	9	12	19 $\frac{5}{16}$	(491)	4 $\frac{3}{8}$	(111)	8 $\frac{7}{8}$	(225)
3EH	5	6	19 $\frac{5}{16}$	(491)	4 $\frac{3}{8}$	(111)	9 $\frac{13}{16}$	(249)
3ET	9	12	19 $\frac{5}{16}$	(491)	4 $\frac{3}{8}$	(111)	9 $\frac{13}{16}$	(249)
4	2	6	13 $\frac{1}{8}$	(334)	7 $\frac{1}{8}$	(181)	9 $\frac{3}{8}$	(238)
4B	8	12	21 $\frac{1}{4}$	(540)	11 $\frac{1}{8}$	(283)	10 $\frac{7}{8}$	(276)
4D	8	12	20 $\frac{3}{4}$	(527)	8 $\frac{3}{4}$	(222)	9 $\frac{1}{8}$	(250)
4DLT	16L	12	20	(508)	8 $\frac{3}{16}$	(208)	7 $\frac{15}{16}$	(202)
4EH	5	6	19 $\frac{5}{16}$	(491)	5	(127)	9 $\frac{13}{16}$	(249)
5D	2	6	13 $\frac{3}{4}$	(349)	7 $\frac{1}{8}$	(181)	9 $\frac{3}{8}$	(238)
6D	8	12	20 $\frac{3}{4}$	(527)	10	(254)	10 $\frac{1}{4}$	(260)
7D	2	6	16 $\frac{1}{4}$	(413)	7 $\frac{1}{8}$	(181)	9 $\frac{3}{8}$	(238)
8D	8	12	20 $\frac{3}{4}$	(527)	11 $\frac{1}{8}$	(283)	9 $\frac{1}{8}$	(250)
12T	10	12	7 $\frac{1}{8}$	(179)	6 $\frac{15}{16}$	(177)	7 $\frac{15}{16}$	(202)
16TF	10F	12	16 $\frac{3}{16}$	(421)	7 $\frac{1}{8}$	(181)	11 $\frac{1}{8}$	(283)
17HF	2B	6	7 $\frac{3}{8}$	(187)	6 $\frac{3}{8}$	(175)	9	(229)
17TF	11L	12	17 $\frac{1}{16}$	(433)	6 $\frac{15}{16}$	(177)	7 $\frac{15}{16}$	(202)
19L	2	6	8 $\frac{1}{4}$	(210)	6 $\frac{3}{4}$	(171)	7 $\frac{1}{2}$	(191)
21	10	12	8 $\frac{3}{8}$	(208)	6 $\frac{1}{16}$	(173)	8 $\frac{3}{4}$	(222)
21R	11	12	8 $\frac{3}{8}$	(208)	6 $\frac{1}{16}$	(173)	8 $\frac{3}{4}$	(222)
22F	11F	12	9 $\frac{1}{2}$	(241)	6 $\frac{3}{8}$	(175)	8 $\frac{5}{16}$	(211)
22HF	11F	12	9 $\frac{1}{2}$	(241)	6 $\frac{3}{8}$	(175)	9	(229)
22NF	11F	12	9 $\frac{1}{16}$	(240)	5 $\frac{1}{2}$	(140)	8 $\frac{15}{16}$	(227)
22R	11	12	9	(229)	6 $\frac{3}{8}$	(175)	8 $\frac{5}{16}$	(211)
24	10	12	10 $\frac{1}{4}$	(260)	6 $\frac{13}{16}$	(173)	8 $\frac{7}{8}$	(225)
24F	11F	12	10 $\frac{3}{4}$	(273)	6 $\frac{13}{16}$	(173)	9	(229)
24H	10	12	10 $\frac{1}{4}$	(260)	6 $\frac{13}{16}$	(173)	9 $\frac{3}{8}$	(238)
24R	11	12	10 $\frac{1}{4}$	(260)	6 $\frac{13}{16}$	(173)	9	(229)
24T	10	12	10 $\frac{1}{4}$	(260)	6 $\frac{13}{16}$	(173)	9 $\frac{1}{4}$	(248)
25	10	12	9 $\frac{1}{8}$	(230)	6 $\frac{3}{8}$	(175)	8 $\frac{7}{8}$	(225)
26	10	12	8 $\frac{3}{8}$	(208)	6 $\frac{13}{16}$	(173)	7 $\frac{3}{4}$	(197)
26R	11	12	8 $\frac{3}{8}$	(208)	6 $\frac{13}{16}$	(173)	7 $\frac{3}{4}$	(197)
27	10	12	12 $\frac{1}{16}$	(306)	6 $\frac{13}{16}$	(173)	8 $\frac{7}{8}$	(225)
27F	11F	12	12 $\frac{1}{2}$	(318)	6 $\frac{13}{16}$	(173)	8 $\frac{15}{16}$	(227)
27H	10	12	11 $\frac{3}{4}$	(298)	6 $\frac{13}{16}$	(173)	9 $\frac{1}{4}$	(235)
28	18	12	10 $\frac{5}{16}$	(261)	6 $\frac{13}{16}$	(173)	9 $\frac{1}{8}$	(240)
29H	10	12	13 $\frac{1}{8}$	(334)	6 $\frac{3}{4}$	(171)	9 $\frac{1}{8}$	(232)
29NF	11F	12	13	(330)	5 $\frac{1}{2}$	(140)	8 $\frac{15}{16}$	(227)
30H	10	12	13 $\frac{1}{2}$	(343)	6 $\frac{13}{16}$	(173)	9 $\frac{1}{4}$	(235)
31	18	12	13	(330)	6 $\frac{13}{16}$	(173)	9 $\frac{1}{8}$	(240)
33	11F	12	13 $\frac{5}{16}$	(338)	6 $\frac{13}{16}$	(173)	9 $\frac{3}{8}$	(238)
34	10	12	10 $\frac{1}{4}$	(260)	6 $\frac{13}{16}$	(173)	7 $\frac{1}{8}$	(200)
34R	11	12	10 $\frac{1}{4}$	(260)	6 $\frac{13}{16}$	(173)	7 $\frac{1}{8}$	(200)
35	11	12	9 $\frac{1}{8}$	(230)	6 $\frac{3}{8}$	(175)	8 $\frac{7}{8}$	(225)
36R	19	12	10 $\frac{3}{8}$	(263)	7 $\frac{1}{4}$	(183)	8 $\frac{1}{8}$	(206)
39	15	12	8 $\frac{1}{8}$	(206)	6 $\frac{3}{8}$	(175)	7	(178)
40R	15	12	10 $\frac{15}{16}$	(277)	6 $\frac{3}{8}$	(175)	6 $\frac{1}{8}$	(175)
41	15	12	11 $\frac{1}{16}$	(293)	6 $\frac{3}{8}$	(175)	6 $\frac{1}{8}$	(175)
42	15	12	9 $\frac{1}{8}$	(243)	6 $\frac{13}{16}$	(173)	6 $\frac{13}{16}$	(173)
43	15	12	13 $\frac{1}{8}$	(334)	6 $\frac{3}{8}$	(175)	8 $\frac{1}{8}$	(205)

BCI GRP. NO.	BCI FIG. NO.	VOLTS	MAXIMUM OVERALL DIMENSIONS in INCHES and (MM)					
			L		W		H	
45	10F	12	9 $\frac{7}{16}$	(240)	5 $\frac{1}{2}$	(140)	8 $\frac{15}{16}$	(227)
46	10F	12	10 $\frac{3}{4}$	(273)	6 $\frac{13}{16}$	(173)	9	(229)
47	24	12	9 $\frac{11}{16}$	(246)	6 $\frac{3}{8}$	(175)	7 $\frac{1}{2}$	(190)
48	24	12	12 $\frac{1}{16}$	(306)	6 $\frac{3}{8}$	(175)	7 $\frac{1}{16}$	(192)
49	24	12	15	(381)	6 $\frac{3}{8}$	(175)	7 $\frac{1}{16}$	(192)
50	10	12	13 $\frac{1}{2}$	(343)	5	(127)	10	(254)
51	10	12	9 $\frac{3}{8}$	(238)	5 $\frac{1}{16}$	(129)	8 $\frac{13}{16}$	(223)
51R	11	12	9 $\frac{3}{8}$	(238)	5 $\frac{1}{16}$	(129)	8 $\frac{13}{16}$	(223)
52	10	12	7 $\frac{5}{16}$	(186)	5 $\frac{1}{16}$	(147)	8 $\frac{1}{4}$	(210)
53	14	12	13	(330)	4 $\frac{11}{16}$	(119)	8 $\frac{1}{4}$	(210)
54	19	12	7 $\frac{5}{16}$	(186)	6 $\frac{1}{16}$	(154)	8 $\frac{3}{8}$	(212)
55	19	12	8 $\frac{5}{8}$	(218)	6 $\frac{1}{16}$	(154)	8 $\frac{3}{8}$	(212)
56	19	12	10	(254)	6 $\frac{1}{16}$	(154)	8 $\frac{3}{8}$	(212)
57	22	12	8 $\frac{1}{8}$	(205)	7 $\frac{3}{16}$	(183)	6 $\frac{15}{16}$	(177)
58	26	12	10 $\frac{1}{16}$	(255)	7 $\frac{3}{16}$	(183)	6 $\frac{15}{16}$	(177)
58R	19	12	10 $\frac{1}{16}$	(255)	7 $\frac{3}{16}$	(183)	6 $\frac{15}{16}$	(177)
59	21	12	10 $\frac{1}{16}$	(255)	7 $\frac{3}{8}$	(193)	7 $\frac{3}{4}$	(196)
60	12	12	13 $\frac{1}{16}$	(332)	6 $\frac{5}{16}$	(160)	8 $\frac{7}{8}$	(225)
61	20	12	7 $\frac{1}{8}$	(192)	6 $\frac{3}{8}$	(162)	8 $\frac{7}{8}$	(225)
62	20	12	8 $\frac{1}{8}$	(225)	6 $\frac{3}{8}$	(162)	8 $\frac{7}{8}$	(225)
63	20	12	10 $\frac{3}{16}$	(258)	6 $\frac{3}{8}$	(162)	8 $\frac{7}{8}$	(225)
64	20	12	11 $\frac{11}{16}$	(296)	6 $\frac{3}{8}$	(162)	8 $\frac{7}{8}$	(225)
65	21	12	12 $\frac{1}{16}$	(306)	7 $\frac{1}{2}$	(192)	7 $\frac{1}{16}$	(192)
66	13	12	12 $\frac{1}{16}$	(306)	7 $\frac{3}{16}$	(192)	7 $\frac{5}{8}$	(194)
70	17	12	8 $\frac{3}{8}$	(208)	7 $\frac{1}{16}$	(179)	7 $\frac{11}{16}$	(196)@
71	17	12	8 $\frac{3}{8}$	(208)	7 $\frac{1}{16}$	(179)	8 $\frac{1}{2}$	(216)
72	17	12	9 $\frac{1}{8}$	(230)	7 $\frac{1}{16}$	(179)	8 $\frac{1}{4}$	(210)
73	17	12	9 $\frac{1}{8}$	(230)	7 $\frac{1}{16}$	(179)	8 $\frac{1}{2}$	(216)
74	17	12	10 $\frac{1}{4}$	(260)	7 $\frac{1}{4}$	(184)	8 $\frac{3}{4}$	(222)
75	17	12	9 $\frac{1}{8}$	(230)	7 $\frac{1}{16}$	(179)	7 $\frac{11}{16}$	(196)@
76	17	12	13 $\frac{1}{8}$	(334)	7 $\frac{1}{16}$	(179)	8 $\frac{1}{2}$	(216)@
78	17	12	10 $\frac{1}{4}$	(260)	7 $\frac{1}{16}$	(179)	7 $\frac{11}{16}$	(196)@
79	17	12	12 $\frac{1}{16}$	(306)	7 $\frac{1}{16}$	(179)	7 $\frac{3}{8}$	(188)
85	11	12	9 $\frac{1}{8}$	(230)	6 $\frac{13}{16}$	(173)	8	(203)
86	10	12	9 $\frac{1}{8}$	(230)	6 $\frac{13}{16}$	(173)	8	(203)
90	24	12	9 $\frac{11}{16}$	(246)	6 $\frac{3}{8}$	(175)	6 $\frac{7}{8}$	(175)
91	24	12	11	(280)	6 $\frac{3}{8}$	(175)	6 $\frac{7}{8}$	(175)
92	24	12	12 $\frac{1}{2}$	(317)	6 $\frac{3}{8}$	(175)	6 $\frac{7}{8}$	(175)
93	24	12	15	(354)	6 $\frac{3}{8}$	(175)	6 $\frac{7}{8}$	(175)
94R	24	12	12 $\frac{3}{8}$	(315)	7 $\frac{1}{2}$	(190)	6 $\frac{7}{8}$	(175)
95R	24	12	15 $\frac{9}{16}$	(394)	6 $\frac{3}{8}$	(175)	7 $\frac{1}{2}$	(190)
96R	15	12	9 $\frac{1}{8}$	(242)	6 $\frac{13}{16}$	(173)	6 $\frac{7}{8}$	(175)
97R	15	12	9 $\frac{15}{16}$	(252)	6 $\frac{3}{8}$	(175)	7 $\frac{1}{2}$	(190)
98R	15	12	11 $\frac{3}{16}$	(283)	6 $\frac{3}{8}$	(175)	7 $\frac{1}{2}$	(190)
99	34	12	8 $\frac{3}{8}$	(207)	6 $\frac{3}{8}$	(175)	6 $\frac{7}{8}$	(175)
GC2	2	6	10 $\frac{3}{8}$	(264)	7 $\frac{3}{16}$	(183)	10 $\frac{5}{8}$ *	(270)
U1	10	12	7 $\frac{3}{4}$	(197)	5 $\frac{1}{8}$	(132)	7 $\frac{5}{16}$	(186)
U1R	11	12	7 $\frac{3}{4}$	(197)	5 $\frac{1}{8}$	(132)	7 $\frac{5}{16}$	(186)
U2	10	12	6 $\frac{5}{8}$	(160)	5 $\frac{1}{8}$	(132)	7 $\frac{1}{8}$	(181)

\* Height may vary with different terminal types.

@ Maximum height dimension shown includes batteries with raised quarter cover design. Flat-top design model height (minus quarter covers) reduced by approximately 3/8 inch (10 mm).

BATTERY SAFETY  
 CATERPILLAR EQUIP.  
 INDUSTRIAL EQUIPMENT  
 FARM EQUIPMENT  
 TRUCKS & BUSES  
 AUTO & LTV  
 L & G / SMALL ENGINE  
 REFERENCE

# Assembly Numbers, Cell Layouts and Terminals\*

BY BCI NUMBERS SHOWN IN PARENTHESIS

## 6-VOLT ASSEMBLIES – TERMINAL POSITIONS & CELL LAYOUTS

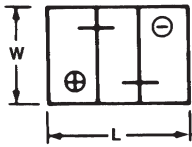


FIG. 1 (2N)

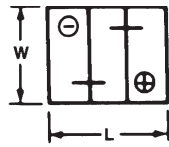


FIG. 2 (1, 2, 3, 3D, 4, 5D, 7D, 19L, GC2, GC2H)

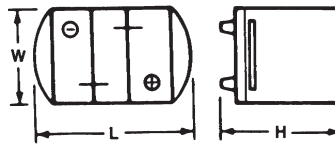


FIG. 2B (17HF)

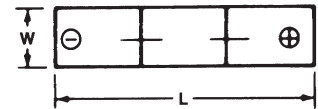


FIG. 5 (2E, 3EH, 4EH)

## 12-VOLT ASSEMBLIES – TERMINAL POSITIONS & CELL LAYOUTS

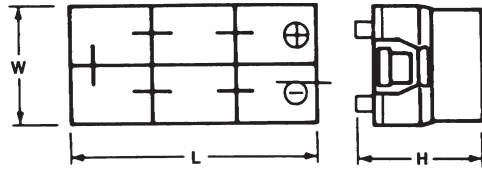


FIG. 8 (4B<sup>3</sup>, 4D, 6D, 8D<sup>3</sup>)

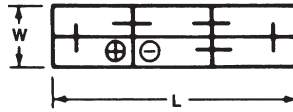


FIG. 9 (3EE, 3ET)

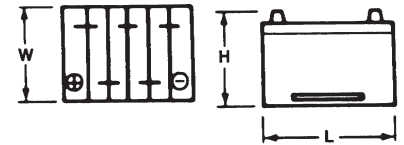


FIG. 10 (12T, 21, 24, 24H, 24T, 25, 26, 27, 27H, 29H, 30H, 34, 50, 51, 52, 86, U1<sup>4</sup>, U2<sup>4</sup>)

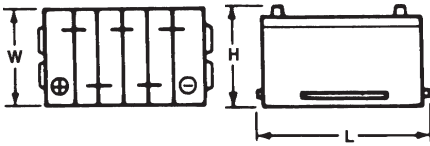


FIG. 10F (16TF, 45, 46)

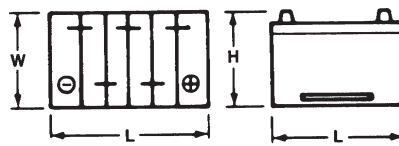


FIG. 11 (21R, 22NL<sup>1</sup>, 22R, 24R, 26R, 27R, 29HR, 30HR, 34R, 35, 51R, 85, U1R<sup>4</sup>)

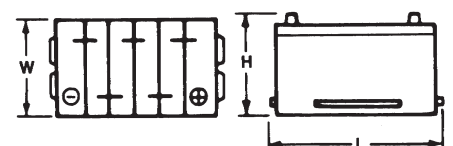


FIG. 11F (22F, 22HF, 22NF, 24F, 27F, 27HF, 29NF, 33)

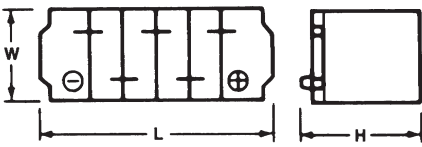


FIG. 11L (17TF)

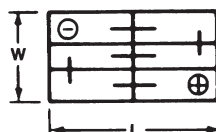


FIG. 12 (60)

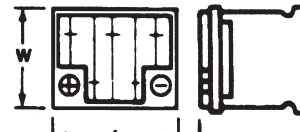


FIG. 13 (66)

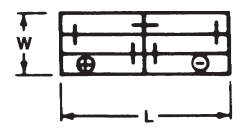


FIG. 14 (53)

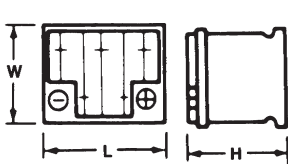


FIG. 15 (40R, 41, 42, 43, 96R, 97R, 98R)

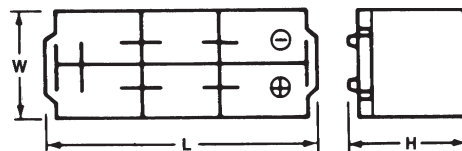


FIG. 16L (4DLT)

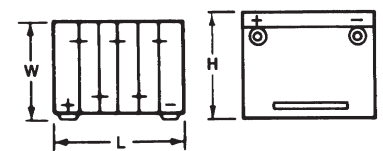


FIG. 17 (70, 71, 72, 73, 74, 75, 76, 77, 78, 101)

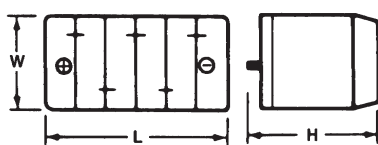


FIG. 18 (28, 31<sup>2</sup>)

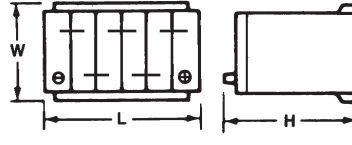


FIG. 19 (36R, 54, 55, 56, 58R)

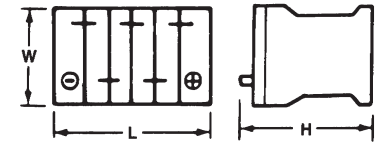


FIG. 20 (61, 62, 63, 64)

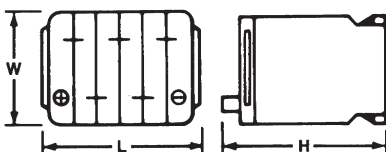


FIG. 21 (59, 65)

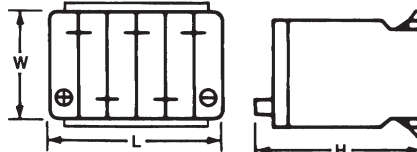


FIG. 22 (57)

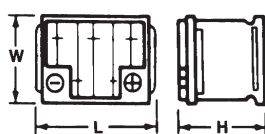


FIG. 24 (47, 48, 49, 90, 91, 92, 93, 94R, 95R)

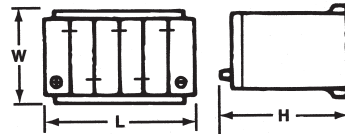


FIG. 26 (58)

### Footnotes for Cell Layout Section

- 1 Pencil posts supplied as O.E.
- 2 SAE or 3/8" stud posts.
- 3 SAE or special "bus" side terminals
- 4 Special lawn mower "L" terminals.

\* Source: Battery Council International



# BCI Group Size to CATERPILLAR Part Number

## CROSS REFERENCE AND SUBSTITUTION CHART

BCI GRP.	BCI FIG. NO.	VOLTS	REPLACEMENT PART NO. (Batteries should meet or exceed O.E. Cranking Amps. Some modifications may be necessary.)
1	2	6	8C-3617, 8T-9734
2	2	6	153-5690, 8C-3629, 8C-3617, 8T-9734
2E	5	6	8C-3632
2H	1	6	153-5690
2L	1	6	8C-3617 (1), 8T-9734 (1)
2N	1	6	153-5690 (5), 8C-3629 (5)
3	2	6	153-5690, 8T-9732, 8C-3630, 8C-3629, 8C-3617, 8T-9734
3D	2	6	8T-9730, 8C-3635, 8T-9731
3EE	9	12	8C-3620
3EH	5	6	8C-3632
3ET	9	12	8C-3620
4	2	6	8C-3633, 8T-9733
4B	8	12	153-5720, 101-4000, 8C-3624, 153-5700, 153-5710, 9X-9720, 8C-3623
4D	8	12	153-5700, 9X-9730, 9X-9720, 9G-4232, 8C-3623, 8C-3622
4DLT	16L	12	8C-3622, 153-5700 (1,5), 153-5710, 9X-9720 (1,5)
4EH	5	6	8C-3632
5D	2	6	8C-3633, 8T-9733
6D	8	12	153-5700, 153-5710, 9X-9720, 8C-3623
7D	2	6	8C-3635, 8T-9731, 8C-3633, 8T-9733
8D	8	12	153-5720, 101-4000, 8C-3624
8V	2	8	8C-3640
9D	2	6	8T-9730
12T	10	12	See Group 24
16TF	10F	12	N.A.
17HF	2B	6	8C-3617 (3), 8T-9734 (3)
17TF	11L	12	N.A.
19L	2	6	See Group 1 (5)
20H	10	12	8C-3636 (With SAE adapter or change cable)
21	10	12	8C-3600
21R	11	12	8C-3600(4)
22F	11F	12	3T-5859, 9X-1384
22HF	11F	12	3T-5859, 9X-1384
22NF	11F	12	See Group 22F (2)
22NL	11	12	See Group 22F (2), Watch post clearance!
22R	11	12	See Group 22F.
23	11L	12	See Group 24F.
24	10	12	153-5656, 3T-5857, 9X-1383, 127-0824, 127-0826
24M	10	12	8C-3638
24F	11F	12	3T-5858, 9X-1382, 127-0824, 127-0826
24H	10	12	See Group 24.
24R	11	12	See Group 24F.
24T	10	12	See Group 24.
25	10	12	145-4517, 8C-3600
26	10	12	145-4517, 8C-3600
26R	11	12	145-4517, 8C-3600 (4)
27	10	12	153-5656, 8C-3601, 3E-8925, 127-0824, 127-0826, 130-1978
27F	11F	12	8C-3602, 127-0824, 127-0826, 143-4084
27H	10	12	See Group 27.
27HF	11F	12	See Group 27F.
27M	10	12	8C-3639
28	18	12	153-5656 (8), 8C-3638 Watch Height Clearance!
29H	10	12	8C-3627, 9X-1379 See Group 31 (SAE)
29HR	11	12	See Group 31 (SAE).
29NF	11F	12	See Group 24F (2).
30H	10	12	See Group 29H.
30HR	11	12	See Group 31 (SAE).
31	18	12	175-4360, 175-4370, 175-4390
31 (SAE)	18	12	115-2422, 115-2421, 9X-3404, 3T-5760 See GR 29H
33	11F	12	115-2421, 115-2422
34	10	12	127-0826, 153-5656 (1), 3T-5857 (1), 9X-1383 (1)
34R	11	12	127-0826 (4)
35	11	12	3T-5859 (7), 9X-1384 (7)
41	15	12	8C-3605
42	15	12	8C-3605 (7)
43	15	12	8C-3605

BCI GRP.	BCI FIG. NO.	VOLTS	REPLACEMENT PART NO. (Batteries should meet or exceed O.E. Cranking Amps. Some modifications may be necessary.)
44	15	12	8C-3605
45	10F	12	N.A.
46	10F	12	127-0824
47	24	12	8C-3605 (3)
48	24	12	8C-3605 (6)
49	24	12	8C-3605 (6)
50	10	12	N.A.
51	10	12	N.A.
51R	11	12	N.A.
52	10	12	N.A.
53	14	12	N.A.
54	19	12	8C-3611
55	19	12	8C-3611
56	19	12	8C-3611
57	22	12	175-4280
58	26	12	175-4280
58R	19	12	175-4280
60	12	12	N.A.
61	20	12	8C-3611
62	20	12	8C-3611
63	20	12	8C-3611
64	20	12	8C-3611
65	21	12	9X-5408
70	17	12	153-5660 (7), 7X-6100 (5)
71	17	12	Refer to Group 70.
72	17	12	Refer to Group 70.
73	17	12	Refer to Group 70.
74	17	12	153-5660, 7X-6100, 127-0824, 127-0826
75	17	12	7X-6100, 127-0826
76	17	12	127-0824 (1)
77	17	12	See Group 74.
78	17	12	153-5660 (1), 127-0826 (1)
85	11	12	See Group 22F.
86	10	12	8C-3600
91	24	12	8C-3605 (6)
92	24	12	8C-3605 (6)
GC2	2	12	8C-3641
GC2H	2	12	8C-3641
LM	11	12	8C-3636
U1	10	12	8C-3636
U1R	11	12	8C-3636 (4)

**Cross Reference Chart Footnote Codes:**

- (1) Replacement battery is taller than O.E. **Check height clearance carefully before closing hood or cover!**
- (2) Replacement battery is wider than O.E. Hold-down and/or tray replacement may be necessary.
- (3) Replacement battery is longer than O.E. Hold-down and/or tray replacement may be necessary.
- (4) O.E. battery has reverse terminals. **WATCH POLARITY!** Cable replacement may be necessary.
- (5) Replacement battery is longer and wider than O.E. Hold-down and/or tray replacement may be necessary.
- (6) Check O.E. CCA requirements. Replacement CCA may not be sufficient.
- (7) Replacement battery is longer and taller than O.E. **Check height clearance carefully.** Hold-down and/or tray replacement may be necessary.
- (8) Battery hold-down may need to be replaced and/or modified.

**IMPORTANT NOTE: Always check for proper polarity and sufficient clearances before connecting cables and closing hood or covers! ALWAYS WEAR SAFETY GLASSES WHEN WORKING AROUND BATTERIES!**

# BCI / DIN / EN REFERENCE CHART

BCI GROUP NUMBER	BCI ASSEMBLY FIGURE	EUROPEAN REFERENCE INFORMATION								
		DIMENSIONS (MM)			HOLD-DOWN (see below)	LIFTING LEDGE	POSITIVE TERMINAL LOCATION	DIN CODE		EN CODES
		LENGTH	WIDTH	HEIGHT						
40R	15	278	175	175	B1	NO	RIGHT	T6	LB3	66LB
41	15	293	175	175	B4	NO	RIGHT	T65	N/A	54LB
42	15	242	175	175	B2	NO	RIGHT	T5	LB2	45LB
47	24	242	175	190	B3	YES	RIGHT	H5	L2	55L2
48	24	278	175	190	B3	YES	RIGHT	H6	L3	66L3
49	24	354	175	190	B3	YES	RIGHT	H8	L5	88L5
66	13	306	192	194	B8	YES	LEFT	N/A	N/A	N/A
90	24	242	175	175	B3	YES	RIGHT	T5	LB2	45LB
91	24	278	175	175	B3	YES	RIGHT	T6	LB3	66LB
92	24	315	175	175	B3	YES	RIGHT	T7	LB4	77LB
93	24	354	175	175	B3	YES	RIGHT	T8	LB5	88LB
94R	24	315	175	190	B3	YES	RIGHT	H7	L4	77L4
95R	24	394	175	190	B3	YES	RIGHT	H9	L6	
96R	15	242	175	175	B1	NO	RIGHT	T5	LB2	45LB
97R	15	252	175	190	B4	NO	RIGHT	H5	L2	55L2
98R	15	283	175	190	B4	NO	RIGHT	H6	L3	66L3
99	34	207	175	175	B1	YES	LEFT	T4	LB1	36LB
N/A	N/A	175	175	190	B3	YES	RIGHT	H3	L0	32L0
N/A	N/A	207	175	190	B3	YES	RIGHT	H4	L1	45L1
N/A	N/A	175	175	175	B3	YES	RIGHT	T3	LB0	

## CAUTION

These are common hold-down types but others may be used.

Hold-down descriptions:

- B1 - 10.5 mm high with 3 or 5 notches on sides only
- B2 - 10.5 mm high with 2 notches on front and 1 on back or sides only
- B3 - 10.5 mm high on sides only with 3 or 5 notches on sides and 3 notches on ends
- B4 - 19.0 mm high on sides only with 3 or 5 notches on sides only
- B6 - 29.0 mm high without notches on ends only
- B8 - 13.5 mm high without notches on sides only
- B9 - Bottom slots on sides and 29.0 mm high without notches on ends

# BATTERIES ARE RECYCLABLE!

Imagine the environmental damage that can be caused by carelessly discarding 18 pounds of lead, two pounds of plastic, and a gallon of acid: the contents of a lead-acid battery. Now imagine that damage compounded by 75,000,000: the number of lead-acid batteries available for recycling each year in the United States.

Fortunately, scrap lead-acid batteries can be safely recycled. In fact, they have been recycled since the 1920s, and today these batteries have

a higher recycling rate than other waste products such as aluminum, paper, and beverage containers made of glass or plastic, just to name a few. Over 98% of all used batteries are recycled today.

This is an E.P.A.-permitted recycling system, which is important for you to know because hazardous disposal laws place heavy penalties on offenders and considerable paper work burden on everyone. You can be assured that your scrap is being recycled in an environmentally safe manner.

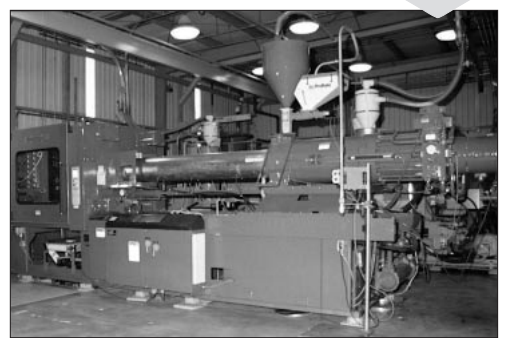


**S**crap lead-acid batteries are disassembled in a ventilated battery breaker, where the lead, plastic and acid are safely separated.

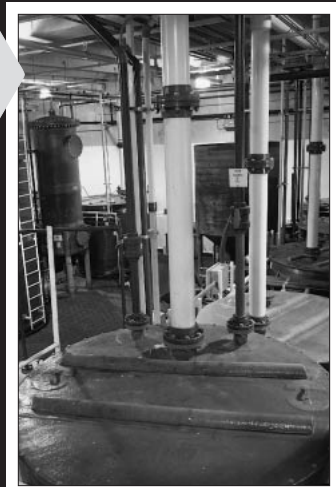


**T**he lead is processed and smelted in the reverberatory furnace, producing metal which goes to the refinery. There it is placed in kettles, combined with reagents, and alloyed into lead for use in new batteries.

**T**he recycled plastic from the battery cases and tops is reclaimed in the plastic recovery plant, where it is cleaned and separated into polypropylene and lead-bearing materials. Polypropylene is recycled to make cases and covers for new batteries and other plastic products.



**B**attery acid is recycled in a patented acid reclamation plant. This one-of-a-kind, computer-controlled facility allows recycling of used battery acid for use in the production of new batteries. Tests show no difference in the performance of batteries using recycled sulfuric acid when compared to batteries using new acid.













**CATERPILLAR®**

PEGP7801-04  
© 2002 Caterpillar  
Printed in U.S.A.