LBCE PROCESS STANDARDS:

SEE SHEET 1

302C ORG
302B RED
104A RED
105A RED
106A RED
113B BLK
522A ORG
CEC 124A BLU
CEC 125A BLU
CEC 106A BLU
121H ORG
CEC 134D BLK
583E YEL
227A RED
202A BLU
202B BLU
380A YEL
227E BLU
201G BLK
438A ORG
428E GRN
301A ORG
839C BLK
839A RED
137A BLK
301B ORG
575A ORG
401A RED
413A RED
413B GRN
413C GRN
433L GRN
231A BLU
525E BRN
523A ORG
380A YEL
382A ORG
401D RED
231B ORG
501A ORG
731H BRN

B/U & TRAVEL ALARM
430D BLK
430C GRN
430B GRN
408A GRN

522A ORG
AXLE L/O TRAVEL SWITCH
(NOT OVER FRONT)
430E GRN
522B BRN

430A GRN
430B GRN
430E GRN
430F BLK
EEE
TRAVEL ALARM RELAY

MAIN GEAR PUMP UNLOADER
227D BLK
227C BLU
227E BLU

TIMER 15S
108A RED
227A RED
227B BLU
227F BLK

THROTTLE LOCK RELAY MMM
CEC 134D BLK
CEC 134C BLK
201F BLU
113B BLK
201G BLK

NEUTRAL START RELAY FFF
202B BLU
227B BLU
202C BLU
430F BLK
201D BLK
201E BLU

GAUGE ALARM RELAY KKK
361B ORG
361D YEL
361C ORG
361H YEL

SERVICE BRAKE LIGHT
438A ORG
438B YEL

GAUGE ALARM
361G BLK
361F YEL
361E YEL
361D YEL
234C BLU
235C BLU
525E BRN
525A BRN
231A BLU

525A BRN
201F BLU
201B BLU
408A GRN

361H YEL
234C BLU
235C BLU

IQAN MD3 DISPLAY
-BAT A-1
CAN-A-L A-2
CAN-B-L A-3
RTC A-7
CAN-B-H A-10
CAN-A-H A-11
+BAT A-12
302D BLK
C10 (BLU)
B5 (BLU)
302B RED
B5 (BRN)
C10 (BRN)
302C ORG
SWING BRAKE B-1
HYDRAULIC OIL TEMP VIN-B B-2
-VREF B-5
USB-D- B-6
USB-D+ B-7
+VREF B-8
GAUGE ALARM DOUT-A B-12
583E YEL
320A YEL
804A BLK
USB1 (YEL)
USB1 (GRN)
803A ORG
361H YEL

815A BLK
USB1 (SHLD)

USB1 (SHLD)
USB1 (BRN)
USB1 (GRN)
USB1 (YEL)
SHLD
-VREF
D+
D-
USB DIAGNOSTIC PLUG

320A YEL
803A ORG
804B BLK
AA
+5V
GND
HYD OIL TEMP

A/C OPTION
128C BLK
110E RED
001A WHT
002A WHT
121H ORG

346M BLK
815B BLK
C10 (BRN)
C10(BLU)
C10 (SHLD)

B5 (BRN)
B5 (BLU)
B5 (SHLD)
120
B4 (BRN)
B4 (BLU)
B4 (SHLD)
B3 (SHLD)
B2 (BRN)
B2 (BLU)
B2 (SHLD)
B7 (BRN)
B7 (BLU)
B7 (SHLD)
SEE TELEMATICS OPT SHT 5
128D BLK
128E BLK
108A RED
B3 (BLU)
B3 (BRN)
J933A
ENGINE DIAGNOSTIC PLUG

839C BLK
839A RED
CEC 134C BLK
CEC 134A BLK
CEC 124A BLU
CEC 125A BLU
CEC 106A BLU
202C BLU
234B BLU
235B BLU
233A BLU
232A BLU
522B BRN
524D BRN
523B BRN
523C BRN
523D BRN
401E GRN
414A GRN
416A GRN
575B BRN
339B YEL
314A YEL

STEERING COLUMN
REAR WHEEL
ENGINE OIL
TRANS TEMP
CASE FILTER
CHARGE FILTER
OVER SPEED
EMER. STEER
BRAKE WARN
PARK BRAKE
LEFT TURN
RIGHT TURN
PUMP CPU
PNK/WHT 6
PNK/BLU 7
PNK/BLK 8
GRY/GRN 10
WHT 11
GRY/BLU 12
339B YEL
314A YEL
BLK
RED/BLK
BLU/WHT 3
PNK/GRN 4
PARK BRAKE (APPLIED)
BLU/YEL 9
GRY/YEL 8
382B YEL
438B YEL
VIO/BLK Q
575B BRN
DRIVING LIGHT SWITCH
YEL 13
401B GRN
HORN
VIO 16
426E GRN
TURN SIGNAL
BLU/BLK 17
BLU 18
416A GRN
414A GRN
TURN FLASHER
HAZARD SWITCH
TRANS SHIFTER
F
N
R
BLU/YEL 21
BLU/GRN 20
BLU/WHT 19
234A BLU
201B BLU
235A BLU
RED 25
WHT/RED 24
GEAR SELECTOR
YEL/BLK X
ORG/BLK U
BRN/YEL V
BRN/BLK W
VIO/YEL G
233A BLU
232A BLU
WHEEL DRIVE
PNK/YEL S
YEL/RED 9
524A BRN
525B BRN
WHT/YEL R
GRN A
WHT B
YEL C
BLK D
SHEILD E
TRANSMISSION DIAGNOSTIC
STEERING MODES
FRONT
REAR
4 WHEEL
CRAB
BLU/RED H
YEL/RED J
GRY/WHT K
523B BRN
523C BRN
523D BRN
YEL/GRN L
ETHER START
VOLTMETER
WHT/BLU
BLK
VIO
BLU
BRN/GRN P
BRN/RED O
TRANSMISSION TEMPERATURE GAUGE
VIO/BLU F
361H YEL
ENGINE DIAGNOSTIC
WHT/GRN M
GRN/BLK N

DRIVING LIGHT RELAY
AAA
401D RED
401E GRN
401C BLK
524F BLK
401B GRN

4 WHEEL DRIVE RELAYS
4WD-LO CCC
ZWD-HI
231C ORG
BBB
524C BRN
524F BLK
201D BLK
525C BLK
524D BRN
231D ORG
525B BRN
524A BRN

LFB 3 RED
503A BRN
503B BRN
LFJ 2 RED
502B BRN
502C BRN
503B BRN
503C BRN
502A BRN
502B BRN
RFB 4 RED
503C BRN
503D BRN
RFJ 5 RED
502C BRN
502D BRN
503D BRN
503E BRN
502D BRN
502E BRN
EXT 11 RED
503A BRN
RET 10 RED
1 RED
501D ORG
502A BRN
13 RED
501D ORG
LRB 8 RED
503G BRN
503H BRN
LRJ 9 RED
502G BRN
502H BRN
503H BRN
12 RED
502H BRN
RRB 7 RED
503E BRN
503F BRN
RRJ 6 RED
502F BRN
502G BRN
503F BRN
503G BRN
502E BRN
502F BRN
501A ORG
501C ORG
501B ORG

733G BRN
THROTTLE PEDAL
THROT APS1
IDLE APS2
WHT
BLK
RED
ORG
GRN
BLU
CEC 123A BLK
CEC 109A WHT
CEC 122A RED
CEC 134B BLK
CEC 101A BLU
CEC 111A BLU
CEC 123ABLK
CEC 109A WHT
CEC 122A RED
CEC 101A BLU
CEC 111A BLU

516A BRN
516B BRN
516C BRN
BLOCKING VALVE
516D BLK

506A BRN
507A BRN
508A BRN
509A BRN
510A BRN
511A BRN
512A BRN
513A BRN
515A BRN
514A BRN
733G BRN

EMERGENCY STEER OPTION
BLU
RED
231B ORG
231D ORG

SEE SHEET 3
SEE SHEET 4
SEE SHEET 4
SEE SHEET 1

(1) UPPER FRAME GROUND BLOCK
(2) UPPER FRAME GROUND BLOCK
(3) FLOOR PLATE GND BLOCK FRONT, INSIDE CAB
(4) GND BLOCK UNDER REAR OF CAB
(5) COLLECTOR RING GROUND

UPPER/CAB

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Unless otherwise specified dimensions are in inches. The tolerances below are applicable unless otherwise specified.
REFERENCE ASME Y14.5 - 2009
ANGULAR ± 1°
DECIMAL
.X ± .1
.XX ± .06
.XXX ± .003
.XXXX ± .0005
Third Angle Projection
CAD - Solid Edge

Drawn
Checked
Approval
Material ------
Weight

Date 12/20/2013
Scale None
Link-Belt CONSTRUCTION EQUIPMENT

DWG ELEC SCHEMATIC XP

EO Level M147402077
Rev
S4R0070 S

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