LBCE PROCESS STANDARDS:

SEE SHEET 2

H2 (BLK)
133D BLK
122A BLK
123A BLK
123B BLK
133B BLK
133C BLK
104A RED
105A RED
106A RED
110A RED
ALTERNATOR
BLK CABLE
STARTER LOCKOUT RELAY
202C BLU
202C BLU
230B BLU
202F BLU
202D BLU
CEC 133A BLK
CEC 148A BLU
839C BLK
839A RED
RUN RELAY
102A RED
102B ORG
128B BLK
121H ORG
774A ORG
774B ORG
236A ORG
236B ORG
102E ORG
313A ORG
733A ORG
733B ORG
CEC 139B ORG
CEC 139A ORG
128C BLK
110E RED
110B RED
705A ORG
705B ORG
121H ORG
H2 (RED)
B2 (BRN)
B2 (BLU)
B2 (SHLD)
CEC 123A BLK
CEC 109A WHT
CEC 122A RED
CEC 111 BLU
CEC 101A BLU
CEC 124A BLU
CEC 125A BLU
CEC 106A BLU
CEC 134A BLK
733G BRN
522B BRN
522C BRN
522D BRN
OSC I/O
RIGHT
522E BLK
LEFT
522F BLK
(NOT USED)
(NOT USED)
(NOT USED)
514A BRN
515A BRN
514C BRN
515C BRN
RET
514D BLK
EXT
515D BLK
HYDRO GAS RIDE (OPTION)
709E BRN
709F BRN
709G BLK
709D BRN
709H BRN
709J BRN
709K BLK
709D BRN
709C BRN
709B BRN
514B BRN
515B BRN
709A BRN
709M BRN
709L BLK
733M BRN
709B BLK
733N BRN
709B BLK
506A BRN
LFJ
506B BLK
507A BRN
LFB
507B BLK
508A BRN
RFB
508B BLK
509A BRN
RFJ
509B BLK
510A BRN
RRJ
510B BLK
511A BRN
RRB
511B BLK
512A BRN
LRB
512B BLK
513A BRN
LRJ
513B BLK
235B BLU
234B BLU
314A YEL
TRANS TEMP
233A BLU
401E GRN
339B YEL
RED
ORG
339C BLK
REAR STEER IND (OPTION)
232A BLU
414A GRN
416A GRN
001A WHT
002A WHT
OPTIONS
524D BRN
523B BRN
523F BRN
523L BRN
523C BRN
523D BRN
575B BRN
524E BLK
4 WHEEL DRIVE
523E BRN
523H BLK
REAR WHEEL
523G BRN
523J BLK
4 WHEEL
523D BRN
523K BLK
CRAB
575B BRN
575C BLK
PARK BRAKE

102A RED
103A RED
110B RED
110A RED
110C RED
839A RED
RED CABLE
250
200
RED CABLE
RED CABLE
RED CABLE
START RELAY
103A RED
202D BLU
204A BLU
202E BLK
RED CABLE
204A BLU
STARTER MOTOR
BLK CABLE
BLACK CABLE
FRAME GND
BATTERIES
RED CABLE
RED CABLE
BLACK CABLE
BLACK CABLE
110D RED
BLACK CABLE
839C BLK
WIF SENSOR 1 2
CEC 301A YEL
CEC 302A BLK
CEC 301A YEL
CEC 302A BLK
30
CEC 203B RED
CEC 203A RED
CEC 204A RED
ENGINE GROUND STUD
CEC 201A BLK
CEC 202A BLK
OSB 260 HP (TIER 3) CUMMINS ECM 50-PIN
01 02 CUMMINS W/F CONNECTOR
03 BAT (+)
04 BAT (+)
01 BAT (-)
02 BAT (-)
CEC 139A ORG 39 KEYSWITCH
CEC 140A RED 40 INTK HTR OUT
CEC 142A BLK 42 INTK HTR RTN
CEC 148A BLU 48 STARTER L/O
CEC 133A BLK 33 STARTER L/O RTN
CEC 123A BLK 23 ACCEL V(-)
CEC 109A WHT 09 POSITION ACCEL
CEC 122A RED 22 ACCEL V(+)
CEC 111A BLU 11 IDLE VALIDATION (ON)
CEC 101A BLU 1 IDLE VALIDATION (OFF)
CEC 124A BLU 24 THROTTLE RESUME
CEC 125A BLU 25 THROTTLE SET
CEC 106A BLU 06 TROTTLE UNLOCK
CEC 134A BLK 34 SWITCH RETURN
46 CAN_H
47 CAN_L
37 CAN_SHLD
21 COOLANT LVL V(+)
32 COOLANT LVL V(-)
28 COOLANT LVL
35 FUEL LEVEL
B1 (BRN) 279A BRN
B1 (BLU) 280A BRN
B1 (SHLD) 278A BLK
CEC 121A RED
CEC 132A BLK
CEC 128A WHT
CEC 135A WHT
CEC 121B RED A + 5 VOLT
CEC 128A WHT B SIGNAL
CEC 132B BLK C RETURN
COOLANT LEVEL SENSOR
CEC 132C BLK BLK A GND
CEC 135A WHT YEL B SIG
CEC 121C RED RED C +5V
FUEL LEVEL SENDER
AIR INTAKE RELAY
RED CABLE
AIR INTAKE HEATER
CEC 140A RED
CEC 142A BLK
313A ORG
WHT
BLK
OIL PRESS SWITCH
313B YEL
HOUR METER
313C BLK
B2 (BRN)
B2 (BLU)
B2 (SHLD)
CEC 123A BLK
CEC 109A WHT
CEC 122A RED
CEC 111A BLU
CEC 111A BLU
CEC 124A BLU
CEC 125A BLU
CEC 106A BLU
CEC 134A BLK
774B ORG
733G BRN
733F BRN
733E BRN
BLK
733D BRN
733J BRN
RET
733L BLK
GRN
WHT
733C BRN
733H BRN
EXT
733K BLK
REAR OSC ADJUST
733M BRN
705B ORG
OIL COOLER VALVE
705C BRN
THERMAL SWITCH
705D BLK
HYD OIL COOLER FAN
HORTON CONTROLLER
CAN H 3
CAN L 4
CAN SHLD 5
PWR 2
COIL(+) 11
GRD 1
SNSR(+) 6
SNSR(-) 7
SPEED 9
B7 (BRN)
B7 (BLU)
B7 (BLK)
774B ORG
774D BLU
774C BLK
774F RED
774G BLK
774H WHT
120
B6 (BRN)
B6 (BLU)
B6 (BLK)
774D BLU
774E BLK
774F RED
774G BLK
774H WHT
GRY
BRN
RED
BLU
GRN
B COIL(+)
C COIL(-)
A SNSR(+)
D SNSR(-)
E SPEED
HORTON FAN
LR O/R LENGTH SNSR
RR O/R LENGTH SNSR
RF O/R LENGTH SNSR
LF O/R LENGTH SNSR
H3 (RED) H5 (BLK) H3 (WHT) H3 (BLU) H3 (SHLD)
H5 (RED) H5 (BLK) H5 (WHT) H5 (BLU) H5 (SHLD)
H7 (RED) H7 (BLK) H7 (WHT) H7 (BLU) H7 (SHLD)
H9 (RED) H9 (BLK) H9 (WHT) H9 (BLU) H9 (SHLD)
SEE SHEET 2
H2 (RED) H2 (BLK) H2 (WHT) H2 (BLU) H2 (SHLD)
H4 (RED) H4 (BLK) H4 (WHT) H4 (BLU) H4 (SHLD)
H6 (RED) H6 (BLK) H6 (WHT) H6 (BLU) H6 (SHLD)
H8 (RED) H8 (BLK) H8 (WHT) H8 (BLU) H8 (SHLD)
120 W
ENGINE JOG SWITCH (OPT)
230B BLU
230A RED
110C RED
7.5
110F RED
BRAKE LT SW
410A RED
410B GRN
436B GRN
436A GRN
235B BLU
234B BLU
235E BLU
233B BLU
232B BLU
TRANSMISSION
235D BLK
SECOND GEAR RELAY
236D ORG
233B BLU
233A BLU
233C BLK
FIRST GEAR RELAY
236C ORG
232B BLU
232A BLU
232C BLK
232D BLK
414A GRN
416A GRN
436B GRN
436A GRN
414B GRN
415A GRN
417A GRN
416B GRN
407A GRN
407B GRN
406B GRN
406A GRN
401E GRN
401F GRN
404B GRN
402B GRN
402A GRN
404A GRN
RIGHT HEADLIGHT
RT FRT TURN
RT FRT IND
RT RR IND
BLK
RED
402D BLK
402B GRN
RED
WHT
BLK
414G GRN
414C BLK
WHT
BLK
404D BLK
404B GRN
WHT
BLK
407C BLK
407A GRN
410D GRN
YEL
RT RR STOP/TAIL
407B GRN
GRN
415A GRN
BRN
RT RR TURN
436D BLK
BLK
RIGHT B/U LIGHT
436B GRN
RED
436C BLK
BLK
LEFT B/U LIGHT
436A GRN
YEL/GRN
417A GRN
BLU
LT RR TURN
406B GRN
WHT/GRN
410C GRN
YEL
LT RR STOP/TAIL
402C BLK
402A GRN
BLK
RED
LEFT HEADLIGHT
416B GRN
416C BLK
RED
WHT
BLK
LT FRT TURN
404C BLK
404A GRN
WHT
BLK
LT FRT IND
406C BLK
406A GRN
WHT
BLK
LEFT RR IND
CARRIER

6 CARRIER FRONT O/R GROUND BLOCK
7 CARRIER ENGINE GROUND BLOCK
8 CARRIER REAR O/R GROUND BLOCK
9 CARRIER COLL RING GROUND BLOCK
10 CUMMINS ENGINE GROUND STUD

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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

EC Level M147402077
Rev
S4R0070 S

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