



DANGER

Danger of electrical shock, burns or death. Always remove all power sources before attempting any repair, service or diagnostic work. Power can be present from shore power, generator, inverter or battery. All power sources must be disabled and secured before performing any service.

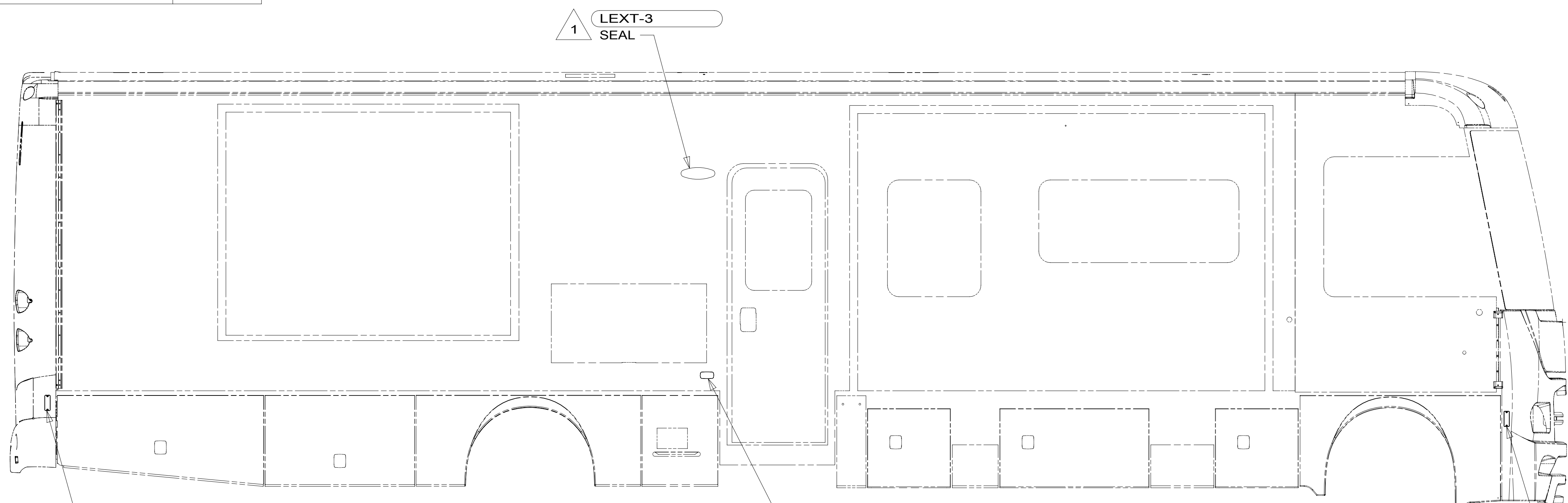
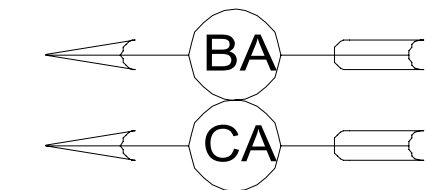
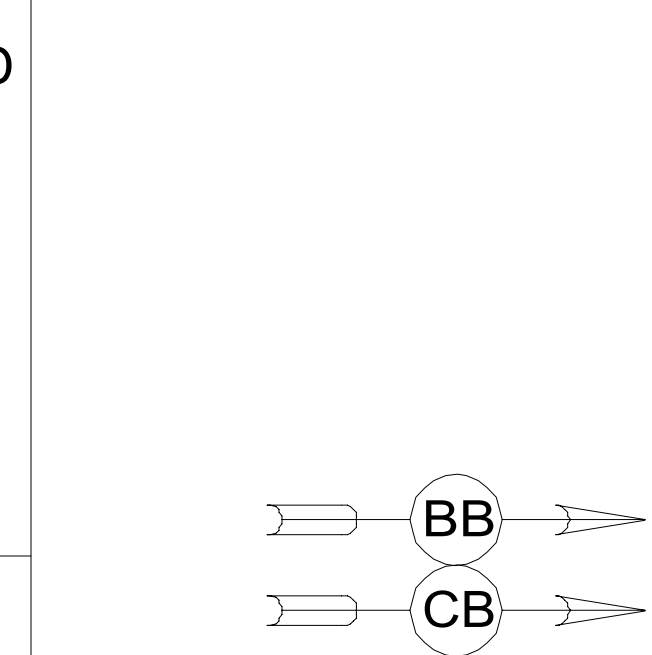


CAUTION

If you lack the skills, tools or equipment to perform diagnostic or repair work leave such work to an authorized Winnebago Industries dealer or other qualified shop.

DRAWING NO.	MODELS	SHEET
184432-01	J33S,J38S	1,2
184432-02	J32H,J35P,J37F,J38Q	1,3

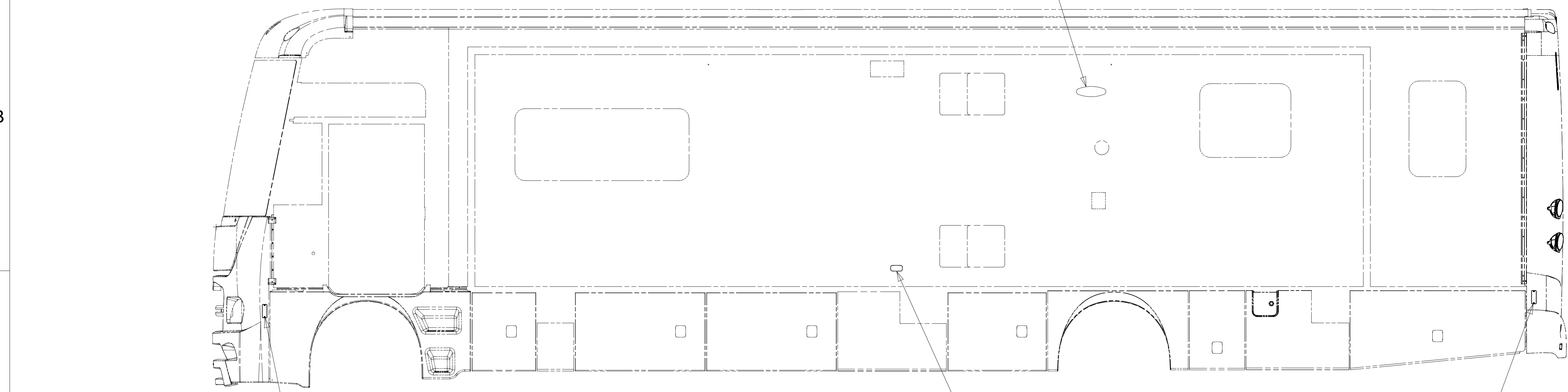
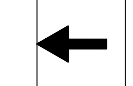
RELEASE	REV/DATE	DWG NO	184432
REV ZONE	REVISION RECORD	DATE	DFT-ORIG



LAMP-SIDEMARKER,RED
171195-01-000
SCREW
G39-08-16U (EXT) (2)

LAMP-MARKER, W AMBER LENS
193802-01-000
GASKET-LIGHT
193802-05-000
SCREW
G11-08-12U (EXT) (2)

LAMP-SIDEMARKER,AMBER
171195-02-000
SCREW
G39-08-16U (EXT) (2)



LAMP-SIDEMARKER,AMBER
171195-02-000
SCREW
G39-08-16U (EXT) (2)

LAMP-MARKER, W AMBER LENS
193802-01-000
GASKET-LIGHT
193802-05-000
SCREW
G11-08-12U (EXT) (2)

LAMP-SIDEMARKER,RED
171195-01-000
SCREW
G39-08-16U (EXT) (2)

2 USED ON SHELLS.
1 NOT USED ON SHELLS.

FOR ELECTRICAL TORQUE SPECIFICATIONS SEE DWG NO. 128783-01-000

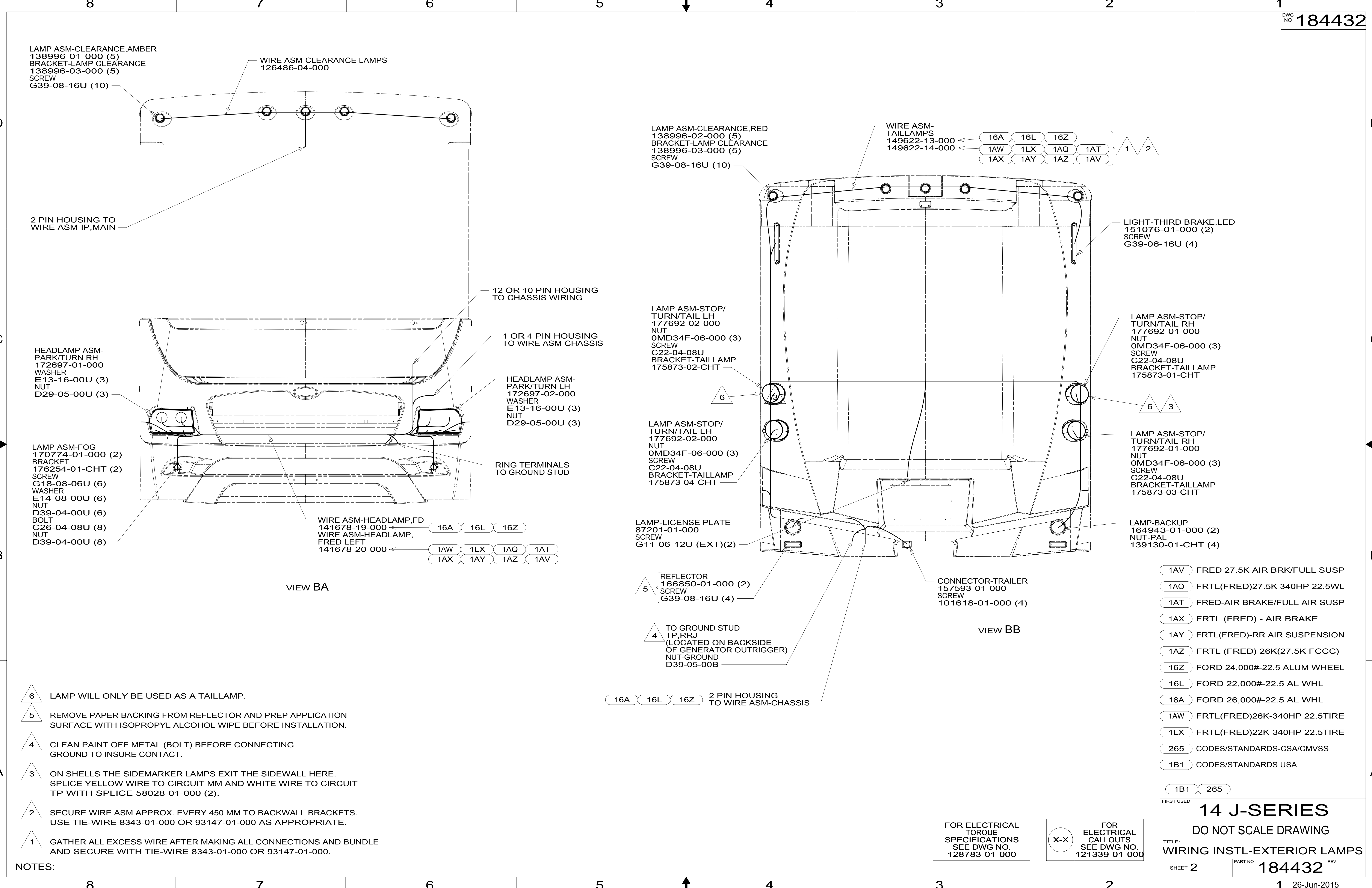
FOR ELECTRICAL CALLOUTS SEE DWG NO. 121339-01-000

- 265 CODES/STANDARDS-CSA/CMVSS
- 1B1 CODES/STANDARDS USA
- 1B1 265

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DFT-ORIG	ORIG. DATE
CHKR	ALL DIMENSIONS ARE IN MILLIMETERS
P.E.	
M.E.	FIRST USED
DSNR	14 J-SERIES
UNSPECIFIED TOLERANCES ARE:	
WHOLE DIM (X)	: 3
ONE-PLACE (X.X)	: 1.5
TWO-PLACE (X.XX)	: 0.50
ANGLE	: 1°
THIRD ANGLE PROJECTION	
DO NOT SCALE DRAWING	REFER TO ES0018 FOR FASTENER TIGHTENING GUIDELINES
TITLE: WIRING INSTL-EXTERIOR LAMPS	
SHEET 1 OF 3	PART NO 184432 REV

184432



LAMP ASM-CLEARANCE,AMBER
138996-01-000 (5)
BRACKET-LAMP CLEARANCE
138996-03-000 (5)
SCREW
G39-08-16U (10)

WIRE ASM-CLEARANCE LAMPS
126486-04-000

LAMP ASM-CLEARANCE,RED
138996-02-000 (5)
BRACKET-LAMP CLEARANCE
138996-03-000 (5)
SCREW
G39-08-16U (10)

WIRE ASM-TAILLAMPS
149622-13-000
149622-14-000

16A 16L 16Z
1AW 1LX 1AQ 1AT
1AX 1AY 1AZ 1AV

2 PIN HOUSING TO WIRE ASM-IP,MAIN

12 OR 10 PIN HOUSING TO CHASSIS WIRING

1 OR 4 PIN HOUSING TO WIRE ASM-CHASSIS

HEADLAMP ASM-PARK/TURN RH
172697-01-000
WASHER
E13-16-00U (3)
NUT
D29-05-00U (3)

HEADLAMP ASM-PARK/TURN LH
172697-02-000
WASHER
E13-16-00U (3)
NUT
D29-05-00U (3)

LAMP ASM-FOG
170774-01-000 (2)
BRACKET
176254-01-CHT (2)
SCREW
G18-08-06U (6)
WASHER
E14-08-00U (6)
NUT
D39-04-00U (6)
BOLT
C26-04-08U (8)
NUT
D39-04-00U (8)

RING TERMINALS TO GROUND STUD

WIRE ASM-HEADLAMP,FD
141678-19-000
WIRE ASM-HEADLAMP, FRED LEFT
141678-20-000

VIEW BA

LAMP ASM-STOP/TURN/TAI LH
177692-02-000
NUT
0MD34F-06-000 (3)
SCREW
C22-04-08U
BRACKET-TAILLAMP
175873-02-CHT

LAMP ASM-STOP/TURN/TAI LH
177692-02-000
NUT
0MD34F-06-000 (3)
SCREW
C22-04-08U
BRACKET-TAILLAMP
175873-04-CHT

LAMP-LICENSE PLATE
87201-01-000
SCREW
G11-06-12U (EXT)(2)

REFLECTOR
166850-01-000 (2)
SCREW
G39-08-16U (4)

TO GROUND STUD TP,RRJ (LOCATED ON BACKSIDE OF GENERATOR OUTRIGGER)
NUT-GROUND
D39-05-00B

2 PIN HOUSING TO WIRE ASM-CHASSIS

CONNECTOR-TRAILER
157593-01-000
SCREW
101618-01-000 (4)

VIEW BB

LIGHT-THIRD BRAKE,LED
151076-01-000 (2)
SCREW
G39-06-16U (4)

LAMP ASM-STOP/TURN/TAI RH
177692-01-000
NUT
0MD34F-06-000 (3)
SCREW
C22-04-08U
BRACKET-TAILLAMP
175873-01-CHT

LAMP ASM-STOP/TURN/TAI RH
177692-01-000
NUT
0MD34F-06-000 (3)
SCREW
C22-04-08U
BRACKET-TAILLAMP
175873-03-CHT

LAMP-BACKUP
164943-01-000 (2)
NUT-PAL
139130-01-CHT (4)

- 1AV FRED 27.5K AIR BRK/FULL SUSP
- 1AQ FRTL(FRED)27.5K 340HP 22.5WL
- 1AT FRED-AIR BRAKE/FULL AIR SUSP
- 1AX FRTL (FRED) - AIR BRAKE
- 1AY FRTL(FRED)-RR AIR SUSPENSION
- 1AZ FRTL (FRED) 26K(27.5K FCCC)
- 16Z FORD 24,000#-22.5 ALUM WHEEL
- 16L FORD 22,000#-22.5 AL WHL
- 16A FORD 26,000#-22.5 AL WHL
- 1AW FRTL(FRED)26K-340HP 22.5TIRE
- 1LX FRTL(FRED)22K-340HP 22.5TIRE
- 265 CODES/STANDARDS-CSA/CMVSS
- 1B1 CODES/STANDARDS USA

- 6 LAMP WILL ONLY BE USED AS A TAILLAMP.
- 5 REMOVE PAPER BACKING FROM REFLECTOR AND PREP APPLICATION SURFACE WITH ISOPROPYL ALCOHOL WIPE BEFORE INSTALLATION.
- 4 CLEAN PAINT OFF METAL (BOLT) BEFORE CONNECTING GROUND TO INSURE CONTACT.
- 3 ON SHELLS THE SIDEMARKER LAMPS EXIT THE SIDEWALL HERE. SPLICE YELLOW WIRE TO CIRCUIT MM AND WHITE WIRE TO CIRCUIT TP WITH SPLICE 58028-01-000 (2).
- 2 SECURE WIRE ASM APPROX. EVERY 450 MM TO BACKWALL BRACKETS. USE TIE-WIRE 8343-01-000 OR 93147-01-000 AS APPROPRIATE.
- 1 GATHER ALL EXCESS WIRE AFTER MAKING ALL CONNECTIONS AND BUNDLE AND SECURE WITH TIE-WIRE 8343-01-000 OR 93147-01-000.

NOTES:

FOR ELECTRICAL TORQUE SPECIFICATIONS SEE DWG NO. 128783-01-000

FOR ELECTRICAL CALLOUTS SEE DWG NO. 121339-01-000

FIRST USED

14 J-SERIES

DO NOT SCALE DRAWING

TITLE: WIRING INSTL-EXTERIOR LAMPS

SHEET 2 PART NO 184432 REV

1 26-Jun-2015

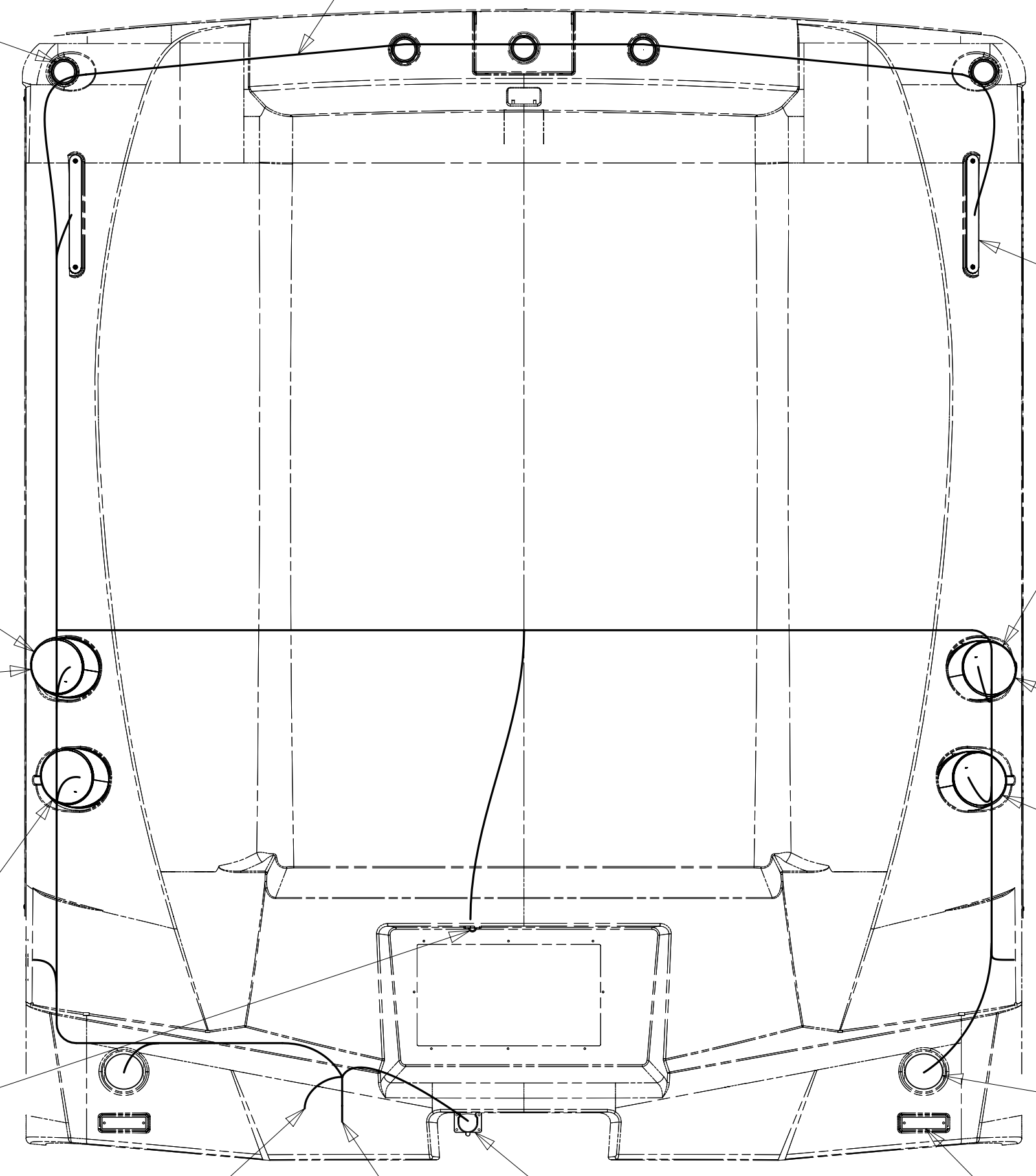
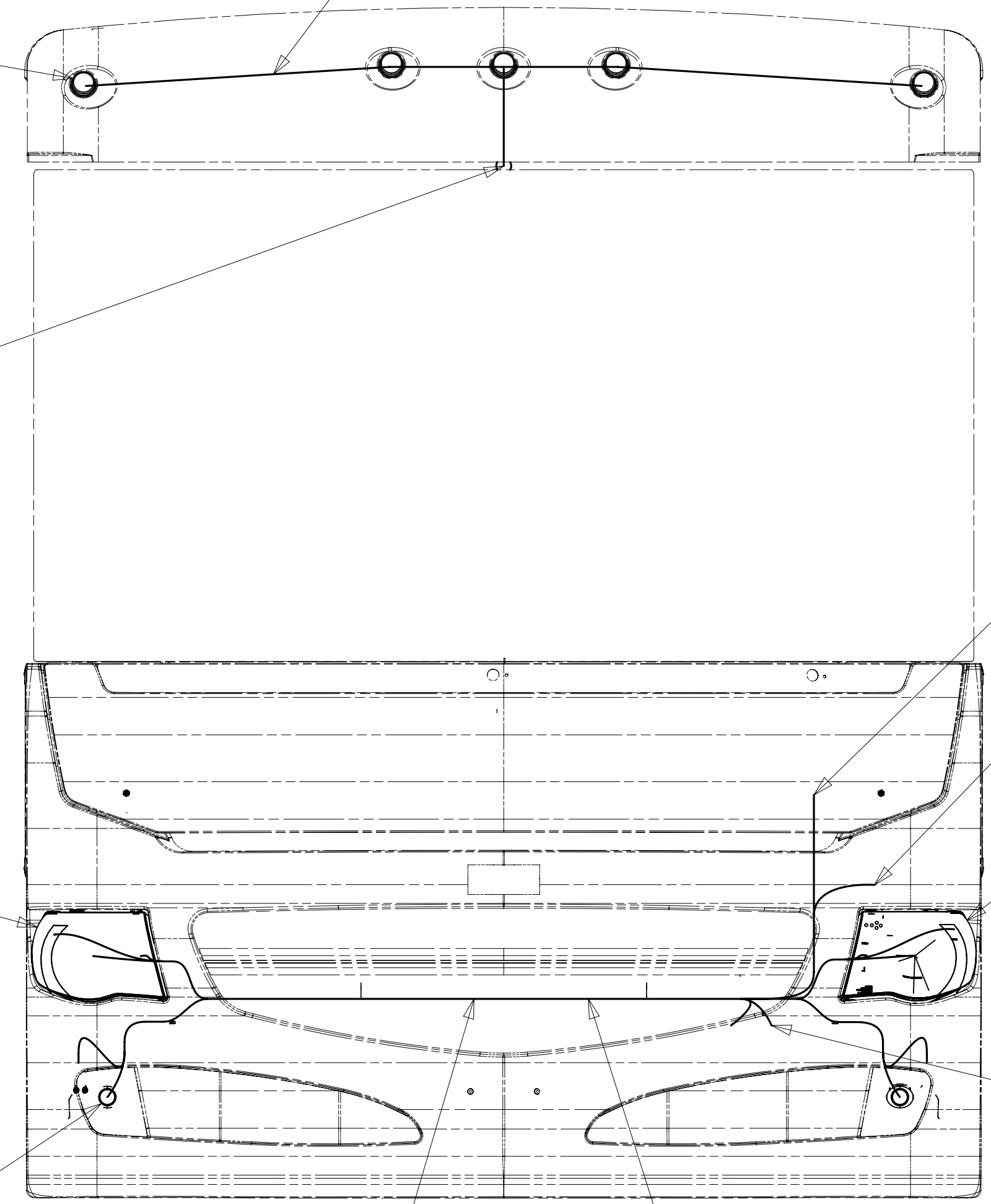
184432

LAMP ASM-CLEARANCE,AMBER
138996-01-000 (5)
BRACKET-LAMP CLEARANCE
138996-03-000 (5)
SCREW
G39-08-16U (10)

WIRE ASM-CLEARANCE LAMPS
126486-04-000

LAMP ASM-CLEARANCE,RED
138996-02-000 (5)
BRACKET-LAMP CLEARANCE
138996-03-000 (5)
SCREW
G39-08-16U (10)

WIRE ASM-TAILLAMPS
149622-13-000



2 PIN HOUSING TO
WIRE ASM-IP,MAIN

12 PIN HOUSING
TO CHASSIS WIRING

2 & 4 PIN HOUSING
TO WIRE ASM-CHASSIS

HEADLAMP ASM-RIGHT
175183-01-000
DETAIL CD

HEADLAMP ASM-LEFT
175183-02-000
DETAIL CC

LAMP ASM-FOG
170774-01-000 (2)
WASHER
E14-08-00U (6)
NUT
D39-04-00U (6)
BOLT
C26-04-08U (6)

RING TERMINALS
TO GROUND STUD

WIRE ASM-HEADLAMP
141678-22-000

LAMP ASM-STOP/
TURN/TAIL LH
177692-02-000
NUT
OMD34F-06-000 (3)
SCREW
C22-04-08U
BRACKET-TAILLAMP
175873-02-CHT

LAMP ASM-STOP/
TURN/TAIL LH
177692-02-000
NUT
OMD34F-06-000 (3)
SCREW
C22-04-08U
BRACKET-TAILLAMP
175873-04-CHT

LAMP-LICENSE PLATE
87201-01-000
SCREW
G11-06-12U (EXT)(2)

TO GROUND STUD
TP,RRJ
(LOCATED ON BACKSIDE
OF GENERATOR OUTRIGGER)
NUT-GROUND
D39-05-00B

LIGHT-THIRD BRAKE,LED
151076-01-000 (2)
SCREW
G39-06-16U (4)

LAMP ASM-STOP/
TURN/TAIL RH
177692-01-000
NUT
OMD34F-06-000 (3)
SCREW
C22-04-08U
BRACKET-TAILLAMP
175873-01-CHT

LAMP ASM-STOP/
TURN/TAIL RH
177692-01-000
NUT
OMD34F-06-000 (3)
SCREW
C22-04-08U
BRACKET-TAILLAMP
175873-03-CHT

LAMP-BACKUP
164943-01-000 (2)
BULB
117806-01-000 (2)
NUT-PAL
139130-01-CHT (4)

CONNECTOR-TRAILER
157593-01-000
SCREW
101618-01-000 (4)

REFLECTOR
166850-01-000 (2)
SCREW
G39-08-16U (4)

2 PIN HOUSING
TO WIRE ASM-CHASSIS

VIEW CA

VIEW CB

BOLT
C12-05-12U (2)
WASHER
E11-05-00U (2)

BOLT
C12-07-12U
WASHER
E13-19-00U

BOLT
C12-05-12U (2)
WASHER
E11-05-00U (2)

BRACKET ASM-HEADLAMP,LH
177404-04-CHT

BRACKET ASM-HEADLAMP, TOP,RH
177404-03-CHT

BOLT
C12-05-12U
WASHER
E13-15-00U

BOLT
C13-07-16U
WASHER
E13-19-00U

BOLT
C12-05-12U
WASHER
E13-15-00U

BOLT
OMC04U-06-016
WASHER
E11-04-00U

BOLT
C26-05-12U
WASHER
E13-16-00U
NUT
D46-05-00A

BOLT
OMC04K-06-016
WASHER
E11-04-00U

DETAIL CC

DETAIL CD

- NOTES:
- 6 REMOVE PAPER BACKING FROM REFLECTOR AND PREP APPLICATION SURFACE WITH ISOPROPYL ALCOHOL WIPE BEFORE INSTALLATION.
 - 5 LAMP WILL ONLY BE USED AS A TAILLAMP.
 - 4 ON SHELLS THE SIDEMARKER LAMPS EXIT THE SIDEWALL HERE. SPLICE YELLOW WIRE TO CIRCUIT MM AND WHITE WIRE TO CIRCUIT TP WITH SPLICE 58028-01-000 (2).
 - 3 SECURE WIRE ASM APPROX. EVERY 450 MM TO BACKWALL BRACKETS. USE TIE-WIRE 8343-01-000 OR 93147-01-000 AS APPROPRIATE.
 - 2 CLEAN PAINT OFF METAL (BOLT) BEFORE CONNECTING GROUND TO INSURE CONTACT.
 - 1 GATHER ALL EXCESS WIRE AFTER MAKING ALL CONNECTIONS AND BUNDLE AND SECURE WITH TIE-WIRE 8343-01-000 OR 93147-01-000.

FOR ELECTRICAL
TORQUE
SPECIFICATIONS
SEE DWG NO.
128783-01-000

FOR
ELECTRICAL
CALLOUTS
SEE DWG NO.
121339-01-000

- 16A FORD 26,000#-22.5 AL WHL
- 16Z FORD 24,000#-22.5 ALUM WHEEL
- 16L FORD 22,000#-22.5 AL WHL
- 265 CODES/STANDARDS-CSA/CMVSS
- 1B1 CODES/STANDARDS USA

1B1 265 16A 16L 16Z

FIRST USED

14 J-SERIES

DO NOT SCALE DRAWING

TITLE: WIRING INSTL-EXTERIOR LAMPS

SHEET 3 PART NO 184432 REV

1 26-Jun-2015

184432