



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.	UNITS
181230-01	J32H,J35P,J37F
181230-02	J33S,J38S

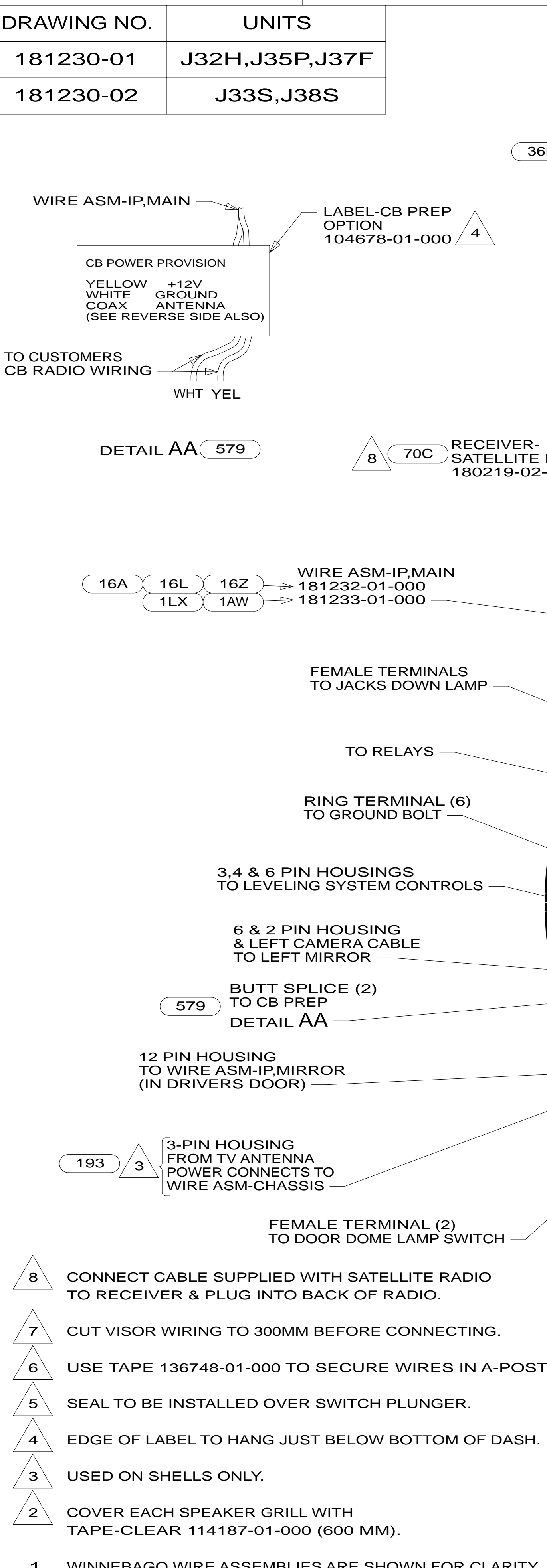
RELEASE	REV/DATE	DWG NO	181230
REV ZONE	REVISION RECORD	DATE	DFT-ORIG

D

C

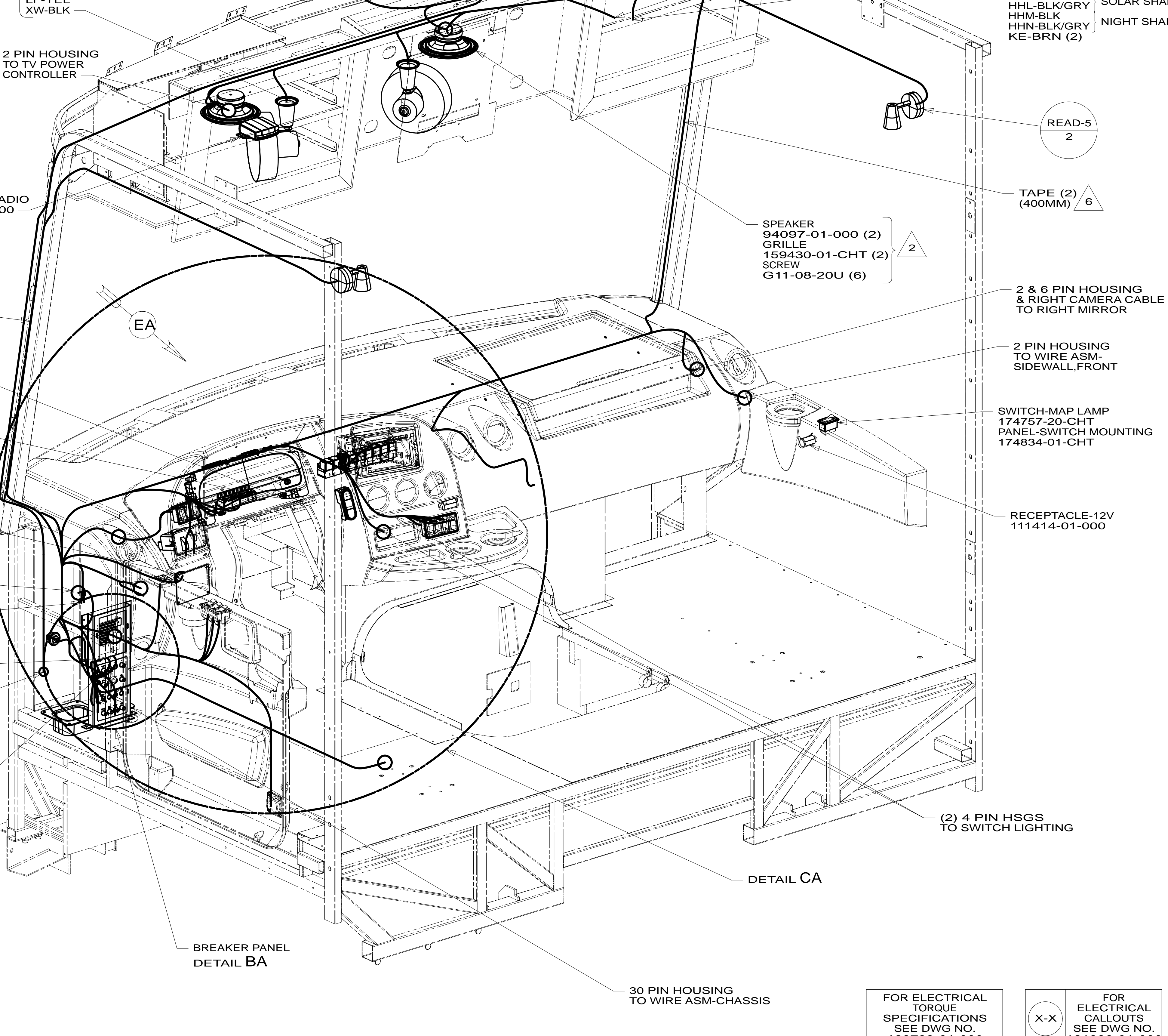
B

A



NOTES:

- WINNEBAGO WIRE ASSEMBLIES ARE SHOWN FOR CLARITY.



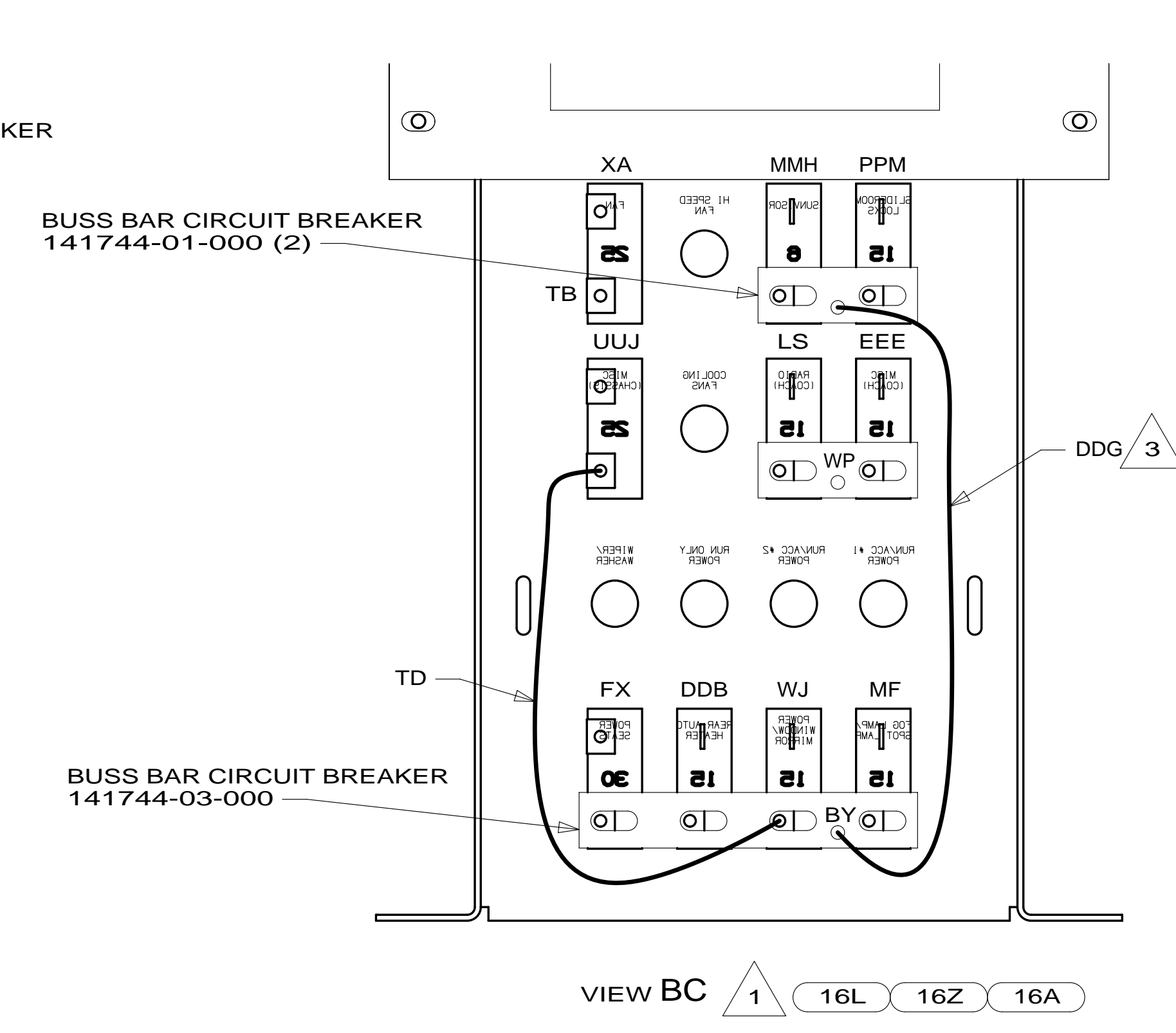
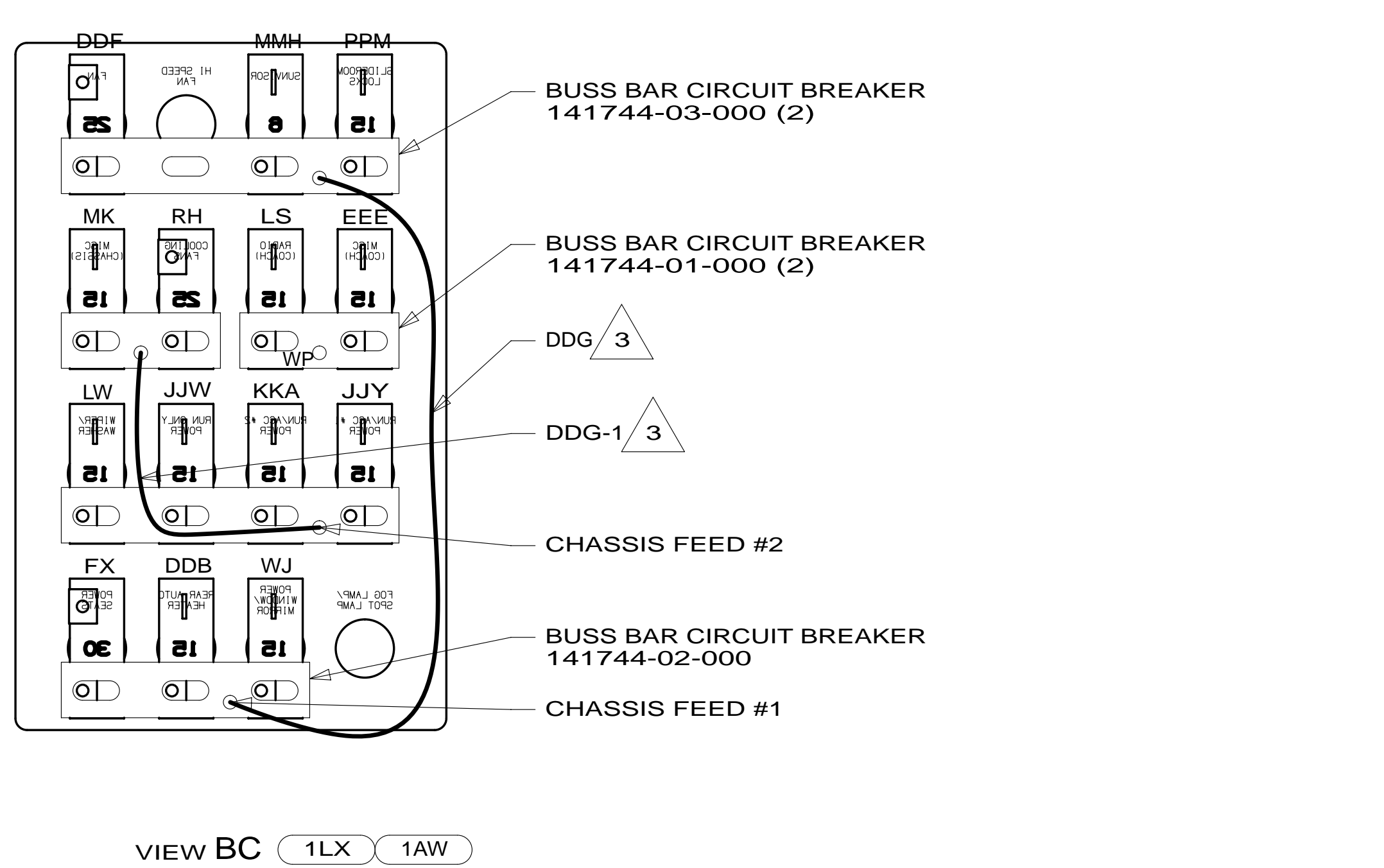
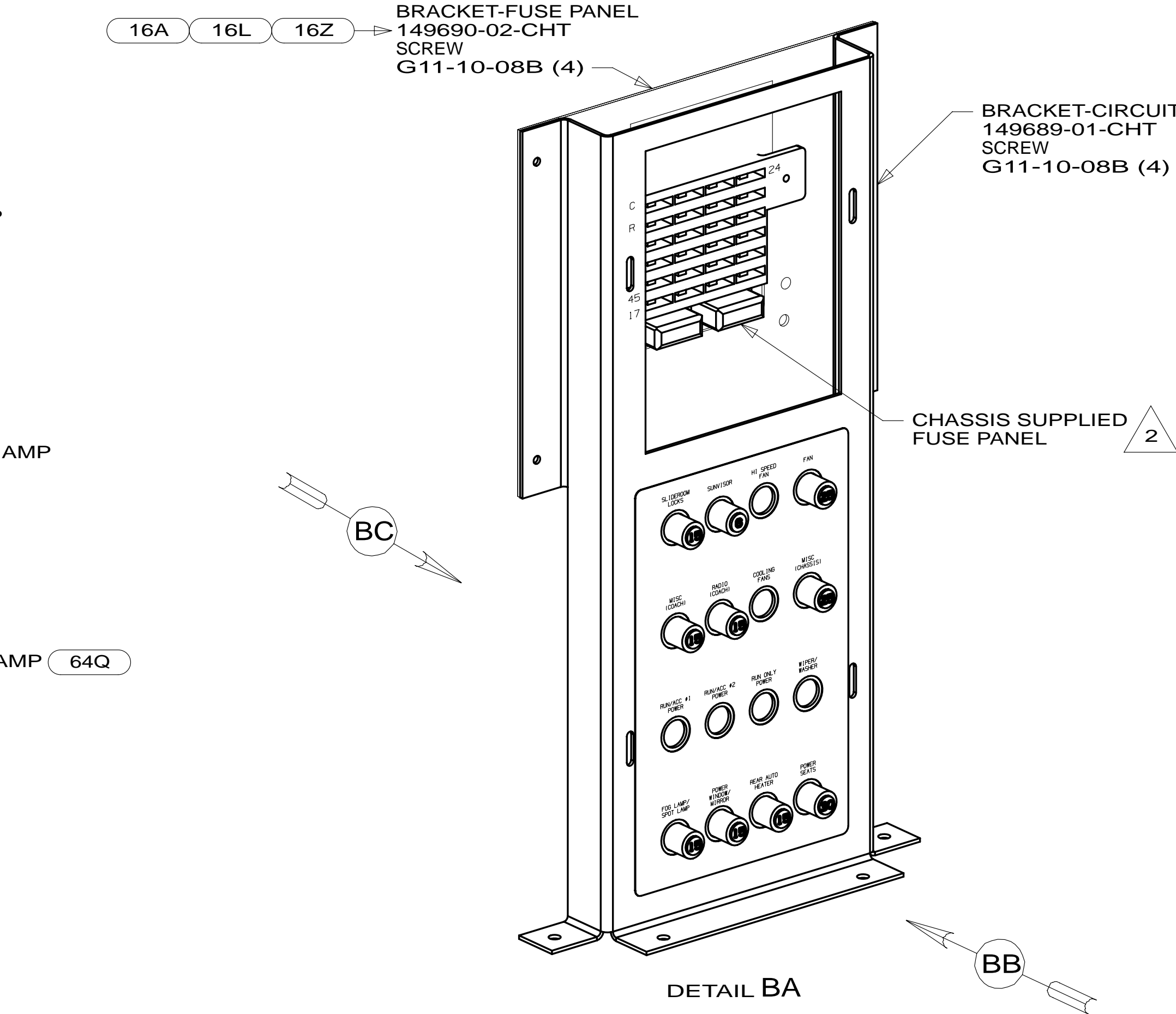
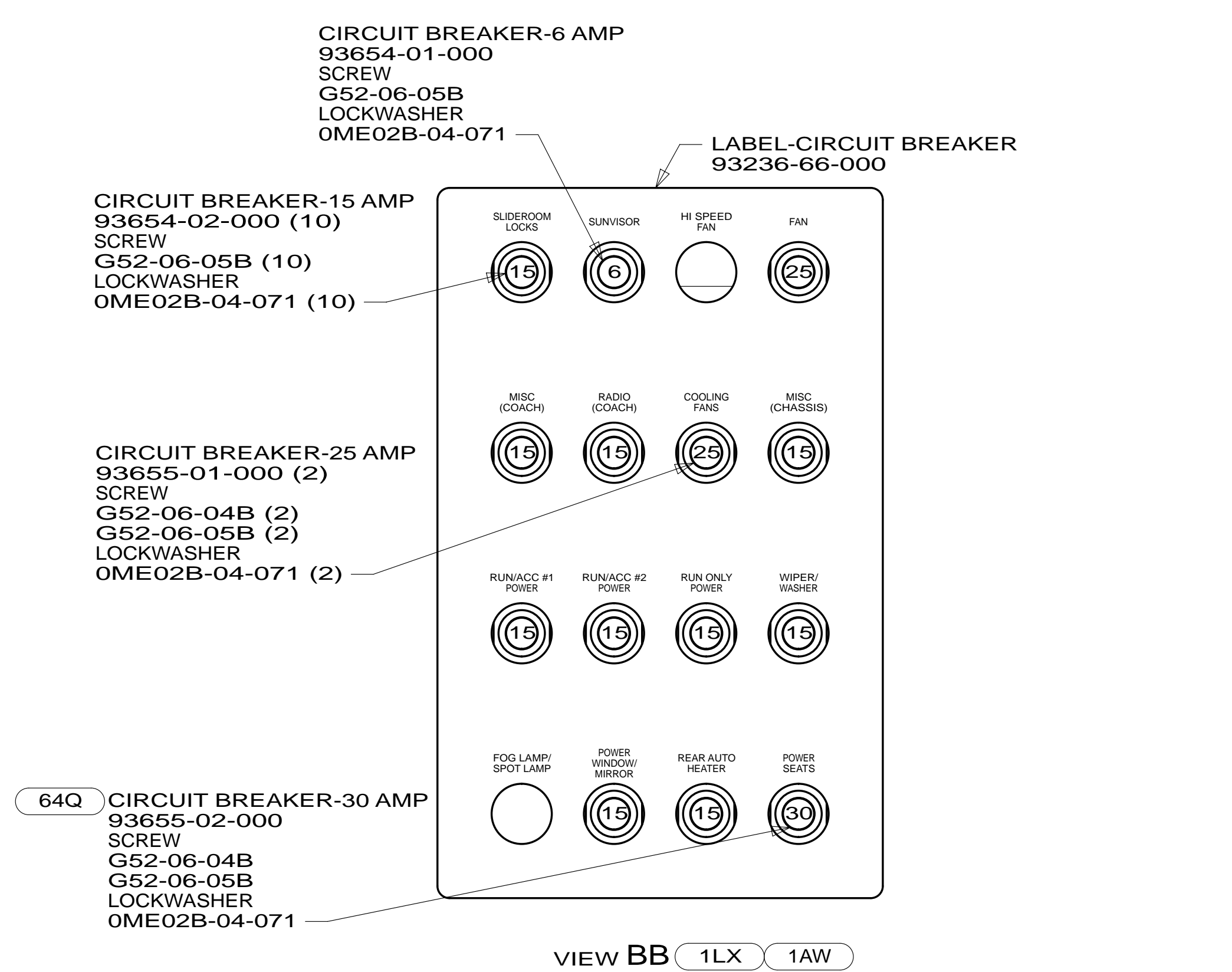
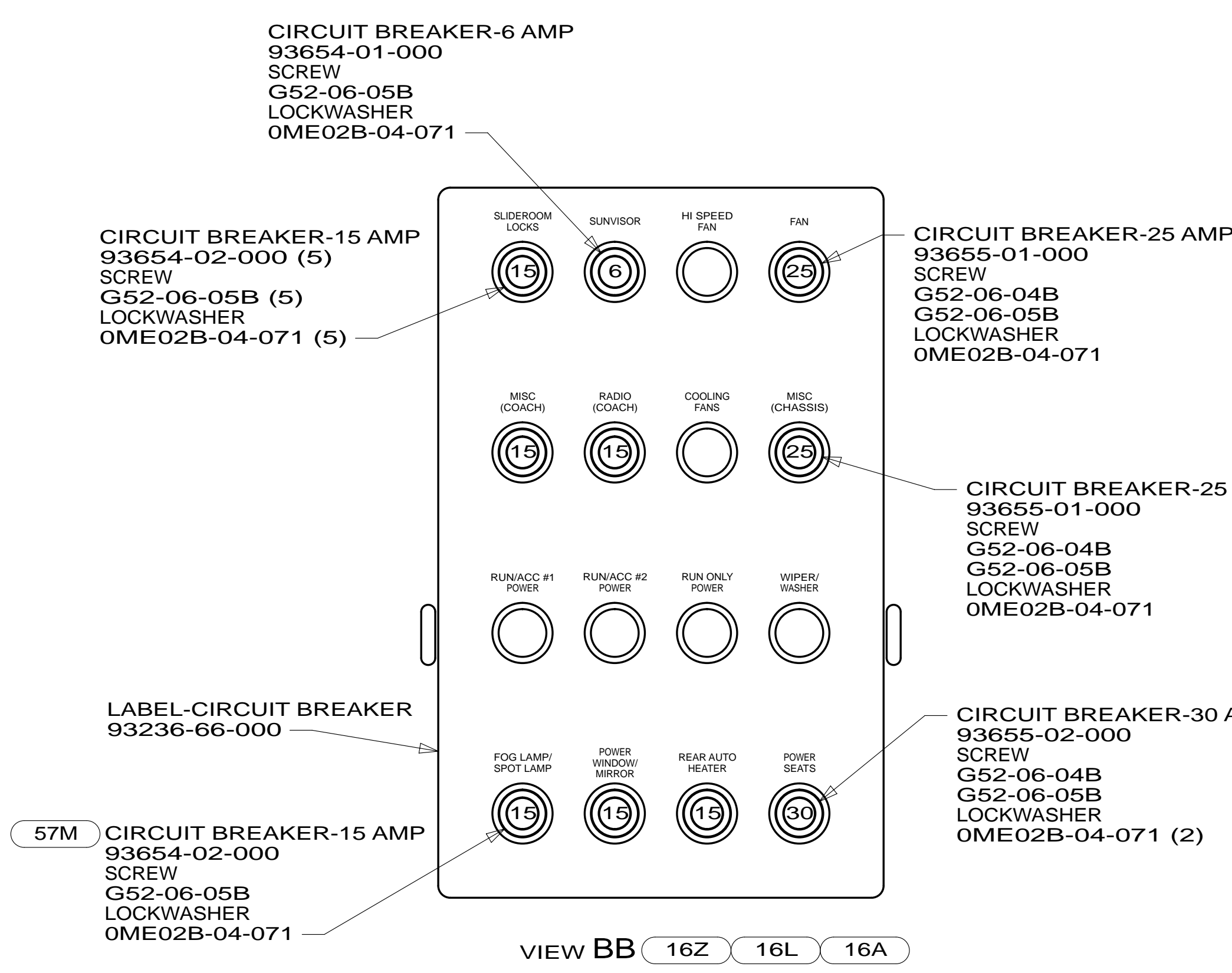
- 16A FORD 26,000#-22.5 AL WHL
- 1LX FRTL(FRED)22K-340HP 22.5TIRE
- 1AW FRTL(FRED)26K-340HP 22.5TIRE
- 70C RADIO - SATELLITE
- 579 RADIO - CB WIRE PREP
- 36N FANS-DEFROSTER, AUXILIARY
- 28K SUNVISORS - MANUAL (2)
- 28J SUNVISORS - POWERED (2)
- 193 TV ANTENNA-AMPLIFIED SYSTEM
- 15D GPS-NAVIGATION SYSTEM
- 15A DRIVER CONVENIENCE PACKAGE
- 12L DOOR-DRIVER
- 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

		COPYRIGHT 2011 WINNEBAGO INDUSTRIES, INC.	
DFT-ORIG	ORIG. DATE	ALL DIMENSIONS ARE IN MILLIMETERS	
CHKR		FIRST USED	
P.E.		13 J-SERIES	
M.E.		UNSPECIFIED TOLERANCES ARE:	
DSNR		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-FRONT END			
SHEET 1 OF 9	PART NO 181230	REV	

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

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

* 181230 *



- NOTES:**
- 3 CONNECT DDG TO HOLE IN BUSS BAR OR TO BOTTOM LUG OF 30 AMP BREAKER.
 - 2 WORKHORSE PANEL SHOWN.
 - 1 ALL CIRCUITS ARE IN WIRE ASM-IP.MAIN.

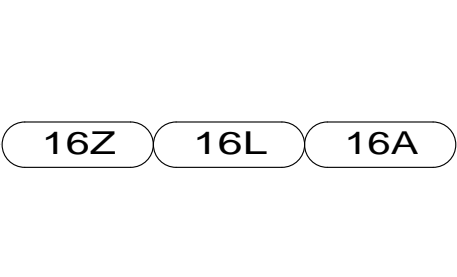
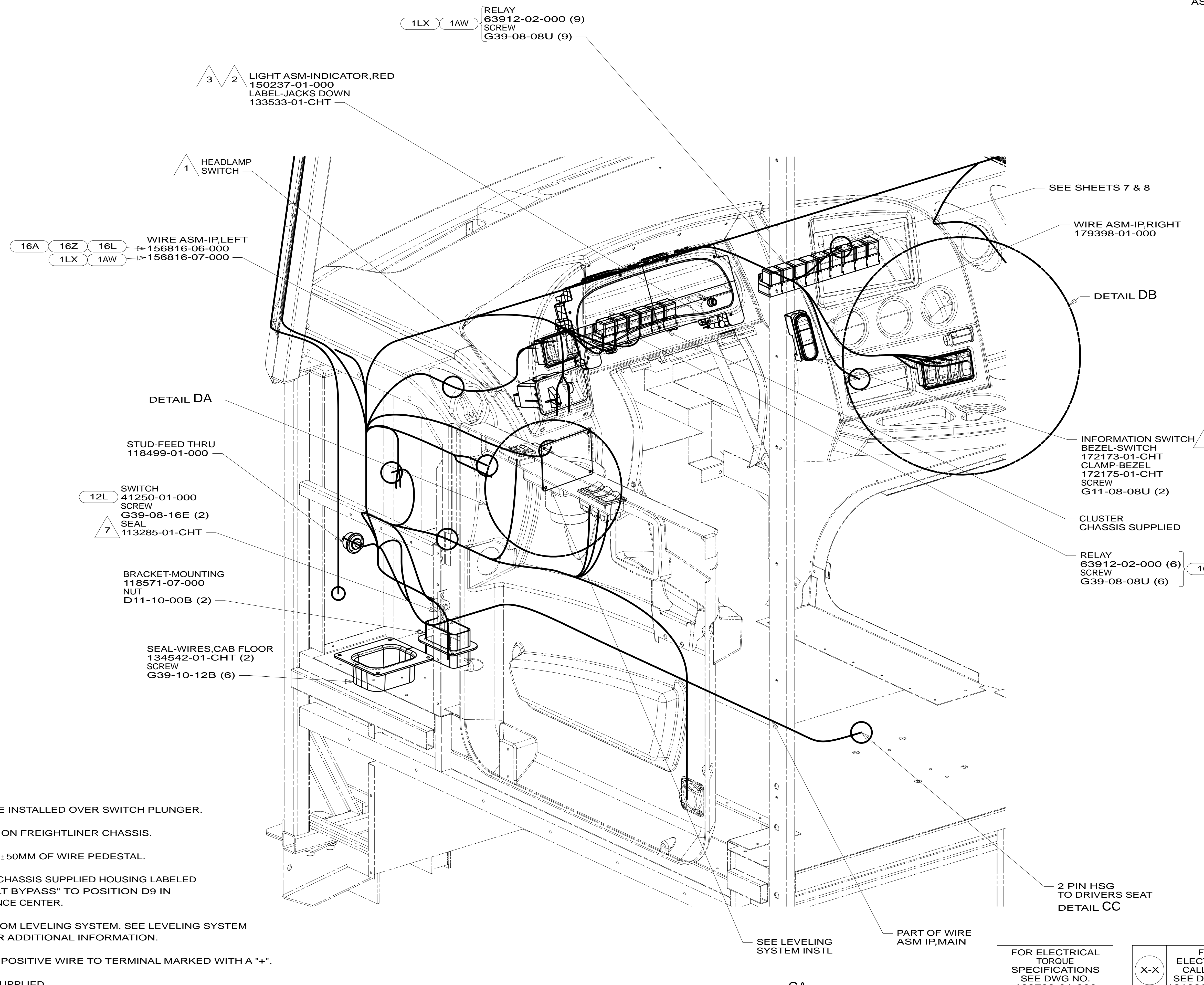
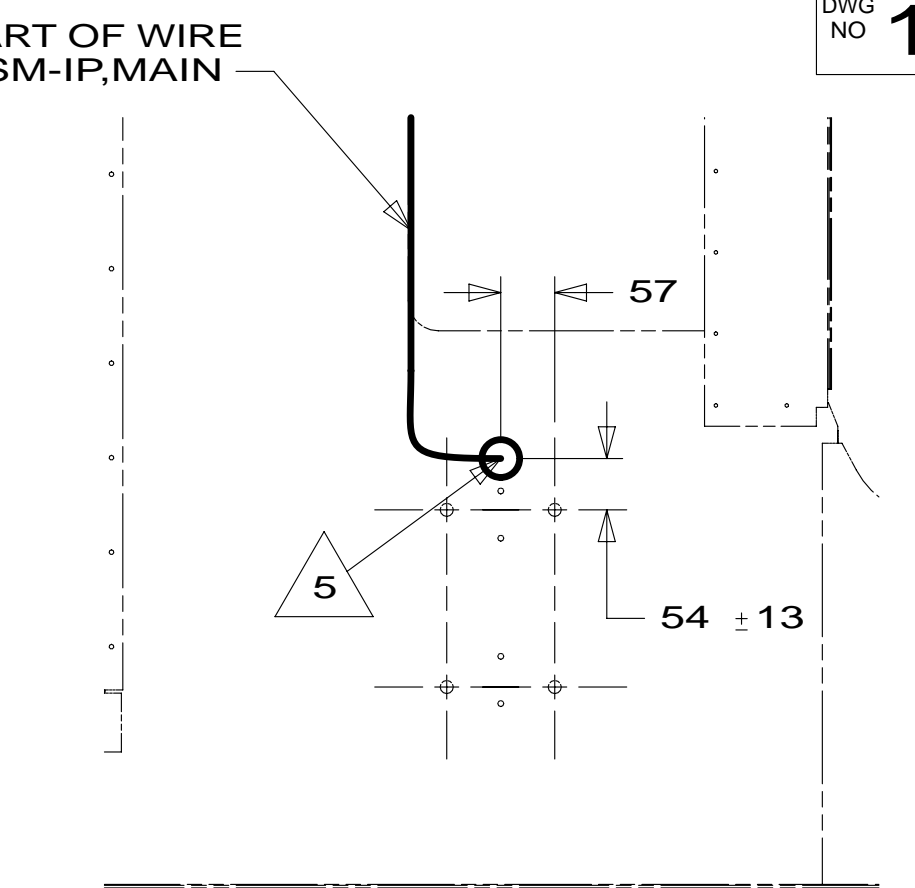
FOR ELECTRICAL TORQUE SPECIFICATIONS SEE DWG NO. 128783-01-000

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

- 16A FORD 26,000#-22.5 AL WHL
- 1LX FRTL(FRED)22K-340HP 22.5TIRE
- 1AW FRTL(FRED)26K-340HP 22.5TIRE
- 28F FRONT SHADE-POWERED
- 64Q SEAT PED-6-WAY POWER DRIVER
- 57M LAMPS-FOG
- 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

FIRST USED	
13 J-SERIES	
DO NOT SCALE DRAWING	
TITLE: WIRING INSTL-FRONT END	
SHEET 2	PART NO 181230 REV

* 181230



DETAIL DA

STUD-FEED THRU
118499-01-000

SWITCH
41250-01-000
SCREW
G39-08-16E (2)
SEAL
113285-01-CHT

BRACKET-MOUNTING
118571-07-000
NUT
D11-10-00B (2)

SEAL-WIRES,CAB FLOOR
134542-01-CHT (2)
SCREW
G39-10-12B (6)

SEE SHEETS 7 & 8

WIRE ASM-IP,RIGHT
179398-01-000

DETAIL DB

INFORMATION SWITCH
BEZEL-SWITCH
172173-01-CHT
CLAMP-BEZEL
172175-01-CHT
SCREW
G11-08-08U (2)

CLUSTER
CHASSIS SUPPLIED

RELAY
63912-02-000 (6)
SCREW
G39-08-08U (6)

2 PIN HSG
TO DRIVERS SEAT
DETAIL CC

SEE LEVELING
SYSTEM INSTL

PART OF WIRE
ASM IP,MAIN

DETAIL CA

- 16A FORD 26,000#-22.5 AL WHL
- 12L DOOR-DRIVER
- 16Z FORD 24,000#-22.5 ALUM WHEEL
- 16L FORD 22,000#-22.5 AL WHL
- 1LX FRTL(FRED)22K-340HP 22.5TIRE
- 1AW FRTL(FRED)26K-340HP 22.5TIRE
- 64Q SEAT PED-6-WAY POWER DRIVER
- 60M HYDRAULIC LEVEL JACKS-AUTO
- 57M LAMPS-FOG
- 28X MIRRORS-EXTERIOR W/DEFROST
- 1B2 WTR HTR-10GAL/ELEC/LP/MTRAIID
- 265 CODES/STANDARDS-CSA/CMVSS
- 1B1 CODES/STANDARDS USA

FIRST USED	
13 J-SERIES	
DO NOT SCALE DRAWING	
TITLE: WIRING INSTL-FRONT END	
SHEET 3	PART NO 181230 REV

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

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

- NOTES:
- 7 SEAL TO BE INSTALLED OVER SWITCH PLUNGER.
 - 6 NOT USED ON FREIGHTLINER CHASSIS.
 - 5 LEAVE 675 ± 50MM OF WIRE PEDESTAL.
 - 4 CONNECT CHASSIS SUPPLIED HOUSING LABELED "SEAT BELT BYPASS" TO POSITION D9 IN CONVENIENCE CENTER.
 - 3 WIRING FROM LEVELING SYSTEM. SEE LEVELING SYSTEM INSTL. FOR ADDITIONAL INFORMATION.
 - 2 CONNECT POSITIVE WIRE TO TERMINAL MARKED WITH A "+".
 - 1 CHASSIS SUPPLIED

* 181230 *

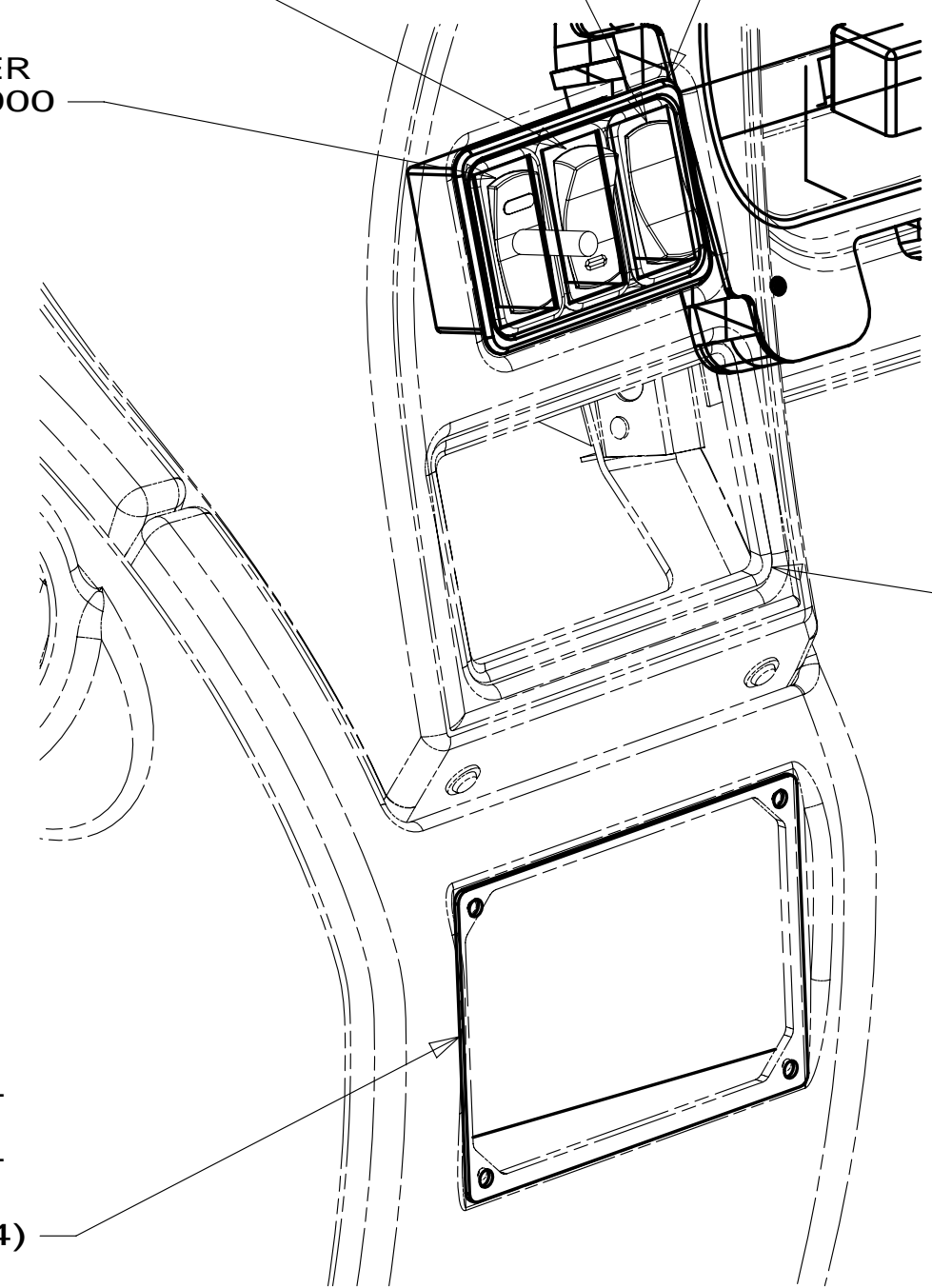
8 7 6 5 4 3 2 1

SWITCH-BATTERY BOOST
174757-31-CHT

PANEL-SWITCH MOUNTING,3-WAY
174834-02-CHT

SWITCH-EXHAUST BRAKE
174757-29-CHT
WIRE ASM-EXHAUST BRAKE
157534-10-000

SWITCH-WIPER
174663-01-000



HEADLAMP-SWITCH
(REF)
SCREW
G11-08-06U (4)

1A4
PLATE
134149-01-CHT
APPLIQUE
156292-11-CHT
SCREW
G11-08-12U (4)

DETAIL DA 1LX 1AW

SWITCH-FOG LIGHTS
174757-23-CHT

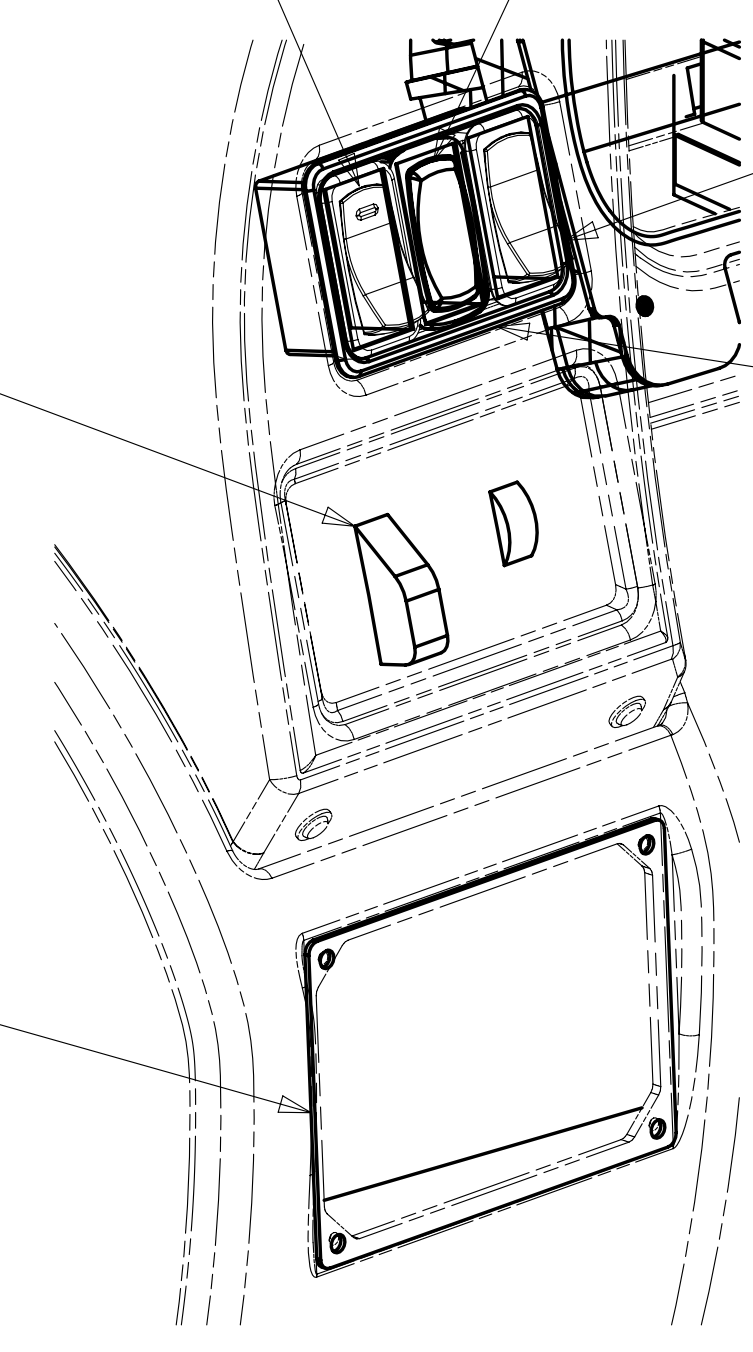
SWITCH-BLANK
145754-01-CHT

SWITCH-BATTERY BOOST
174757-31-CHT

PANEL-SWITCH MOUNTING,3-WAY
174834-02-CHT

MOUNT-HEADLAMP SWITCH
155516-02-CHT
SCREW
000G11-08-06U (4)

1A4
PLATE
134149-01-CHT
APPLIQUE
156292-11-CHT
SCREW
G11-08-12U (4)



DETAIL DA 16L 16Z 16A

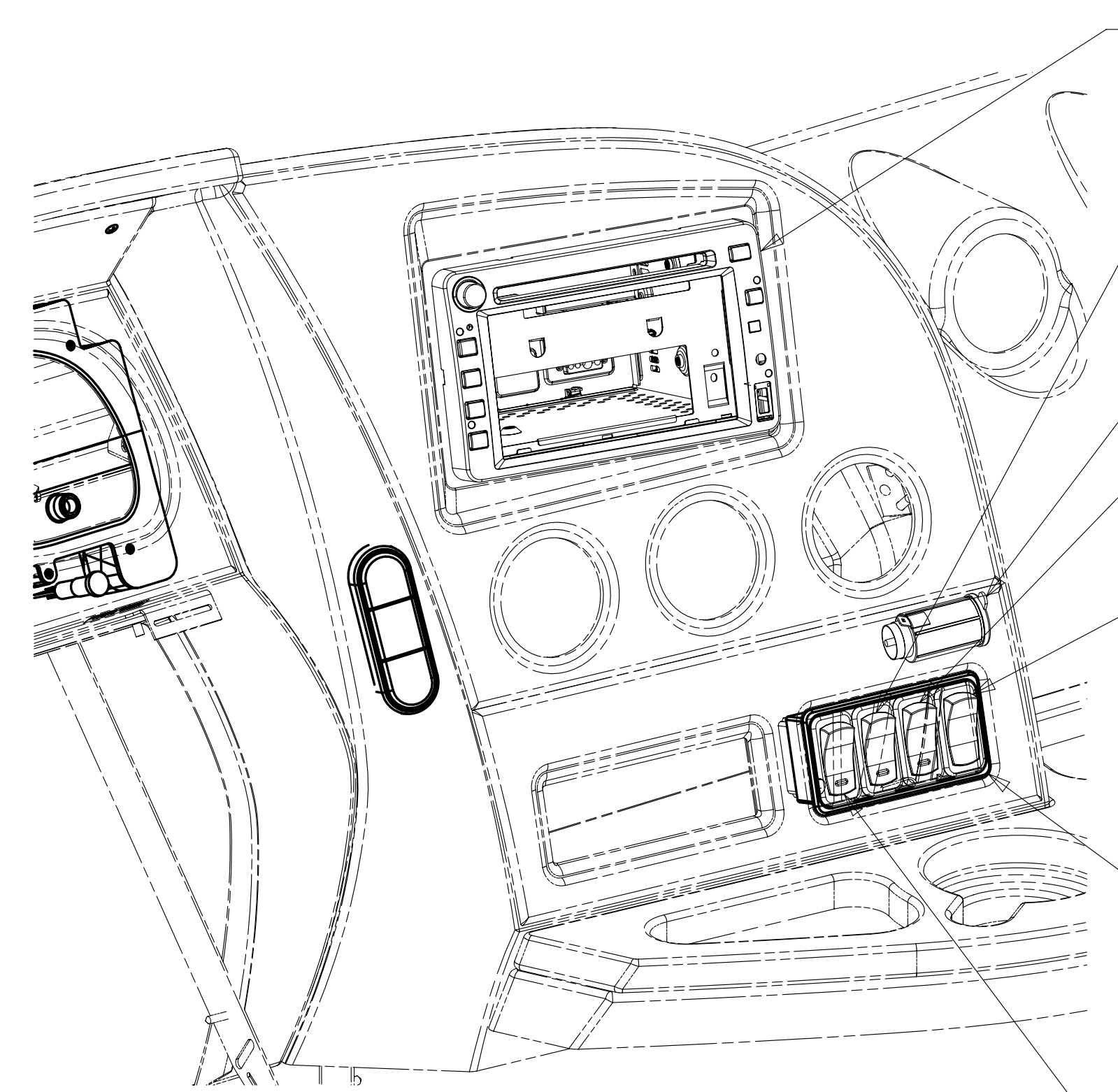
RADIO/MONITOR INFORMATION
SHEETS 7, 8 & 9

SWITCH-COACH HEATER
174757-28-CHT 1B2
SWITCH-BLANK
145754-01-CHT 3

RECEPTACLE-12V W/O BIMETAL
111414-01-000

SWITCH-GEN SET
174757-05-CHT 39N 67A 52P
SWITCH-BLANK
145754-01-CHT 1

SWITCH-RADIO POWER
174757-12-CHT



PANEL-SWITCH MOUNTING,4-WAY
174834-03-CHT

SWITCH-DEFROST FAN
174757-14-CHT

DETAIL DB

- 52P GEN-5.5KW ONAN-GAS-MARQ GOLD
- 1B2 WTR HTR-10GAL/ELEC/LP/MTRAIID
- 67A GEN-6.0KW ONAN QUIET DIESEL
- 16A FORD 26,000#-22.5 AL WHL
- 1LX FRTL(FRED) 22K 340HP 22.5 TIRE
- 1AW FRTL(FRED) 26K 340HP 22.5 TIRE
- 16Z FORD 24,000#-22.5 ALUM WHEEL
- 16L FORD 22,000#-22.5 AL WHL
- 39N GEN-7.0KW ONAN-CVGAS-MARQUIS
- 1A4 LEVELING JACK WITHOUT
- 265 CODES/STANDARDS-CSA/CMVSS
- 1B1 CODES/STANDARDS USA

1B1 265

FIRST USED
13 J-SERIES

DO NOT SCALE DRAWING

TITLE: **WIRING INSTL-FRONT END**

SHEET 4 PART NO **181230** REV

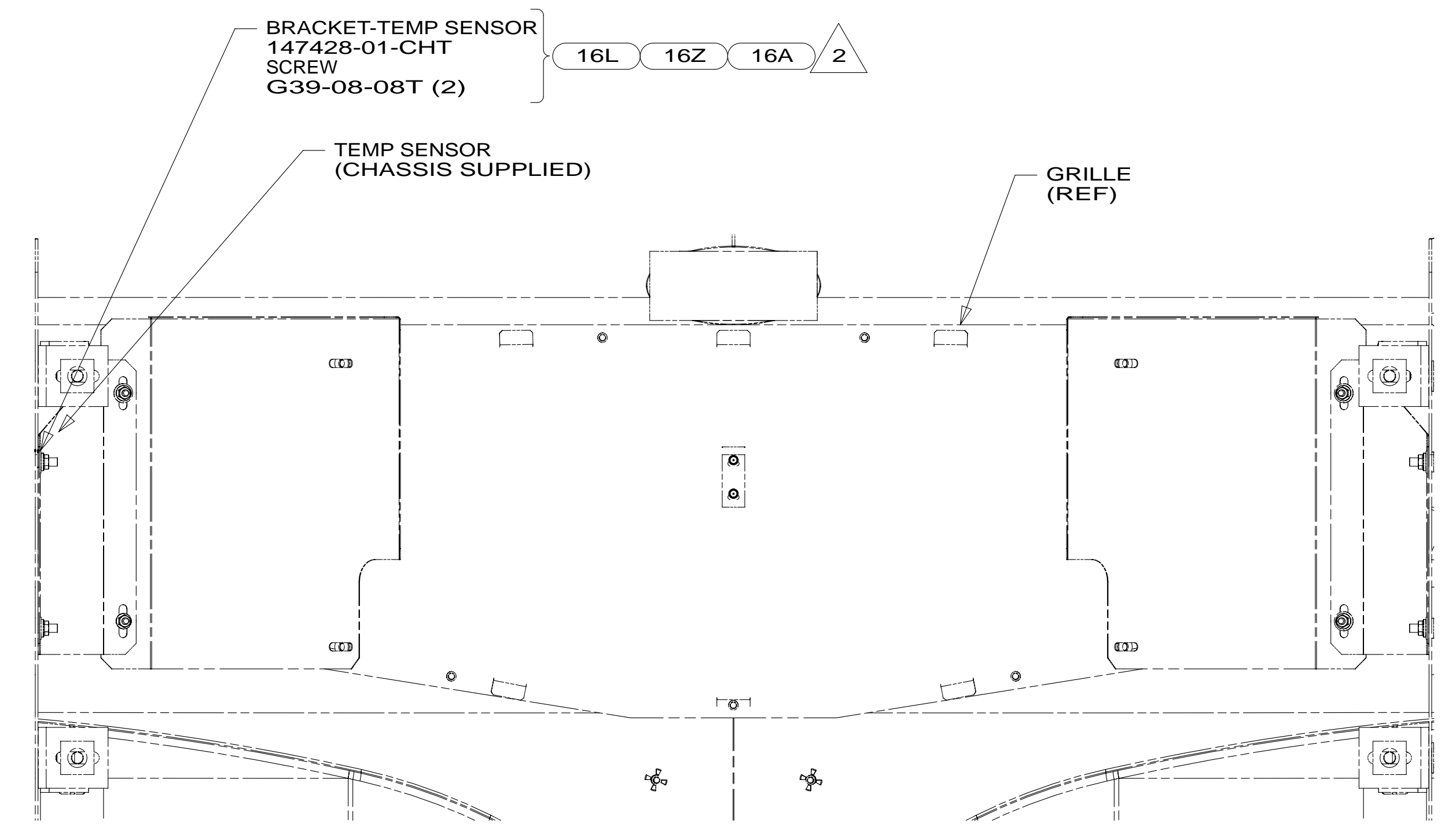
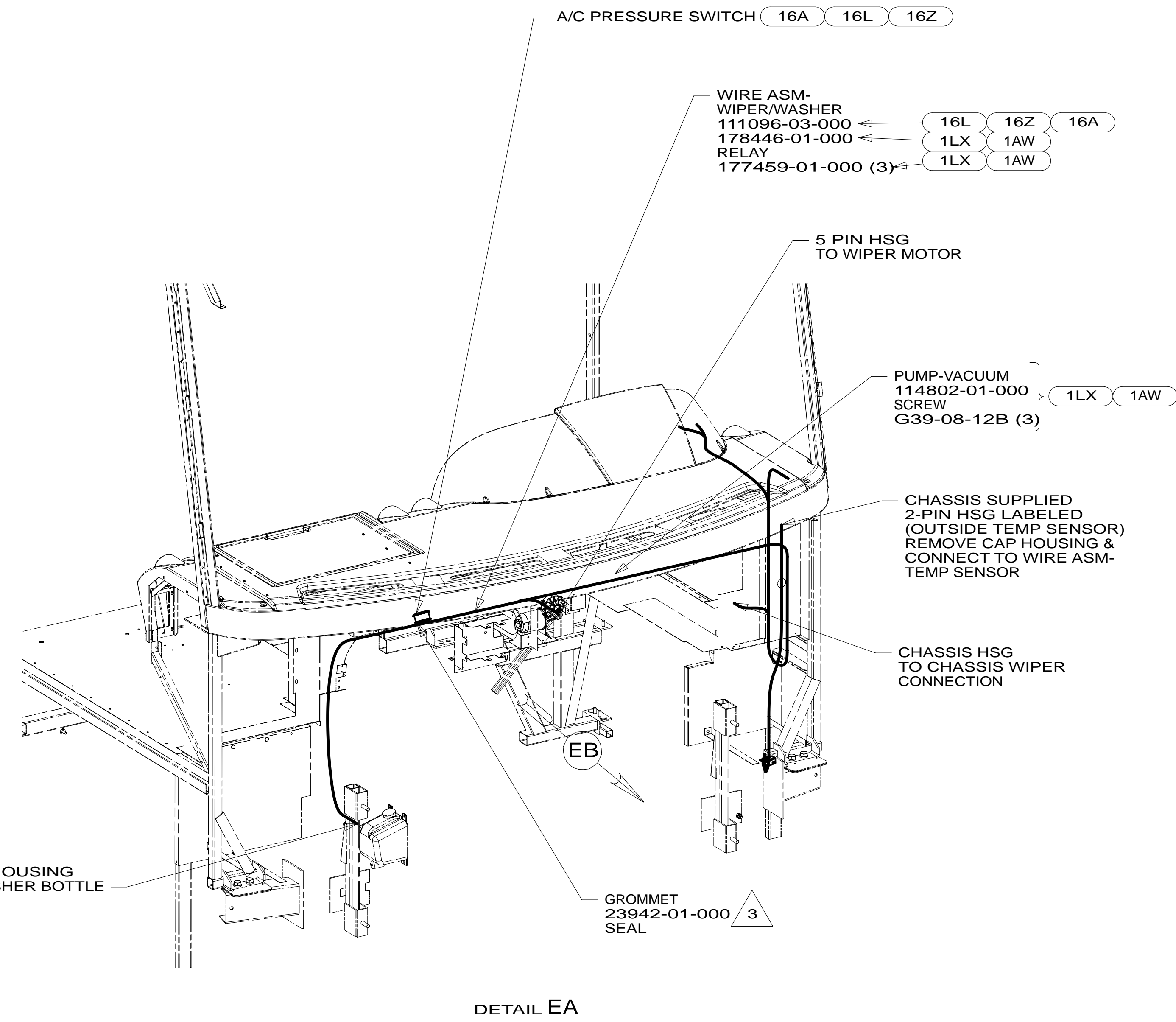
FOR ELECTRICAL
TORQUE
SPECIFICATIONS
SEE DWG NO.
128783-01-000

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

- NOTES:
- 3 WITHOUT 1B2
 - 2 CONNECTS TO CHASSIS WIRING.
 - 1 WITHOUT 39N OR 67A OR 52P

8 7 6 5 4 3 2 1

* 181230 * A



- 3 ROUTE WIRES THROUGH HOLE IN STEEL.
- 2 MOUNT SENSOR OR SENSOR BRACKET TO HORIZONTAL TUBE ON FIBERGLASS AS SHOWN.
1. GATHER ALL EXCESS WIRE AFTER MAKING ALL CONNECTIONS. BUNDLE AND SECURE WITH WIRE TIE 8343-01-000 OR 93147-01-000.
- NOTES:

- 16A FORD 26,000#-22.5 AL WHL
- 1AW FRTL(FRED)26K-340HP 22.5TIRE
- 1LX FRTL(FRED)22K-340HP 22.5TIRE
- 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

FIRST USED

13 J-SERIES

DO NOT SCALE DRAWING

TITLE: **WIRING INSTL-FRONT END**

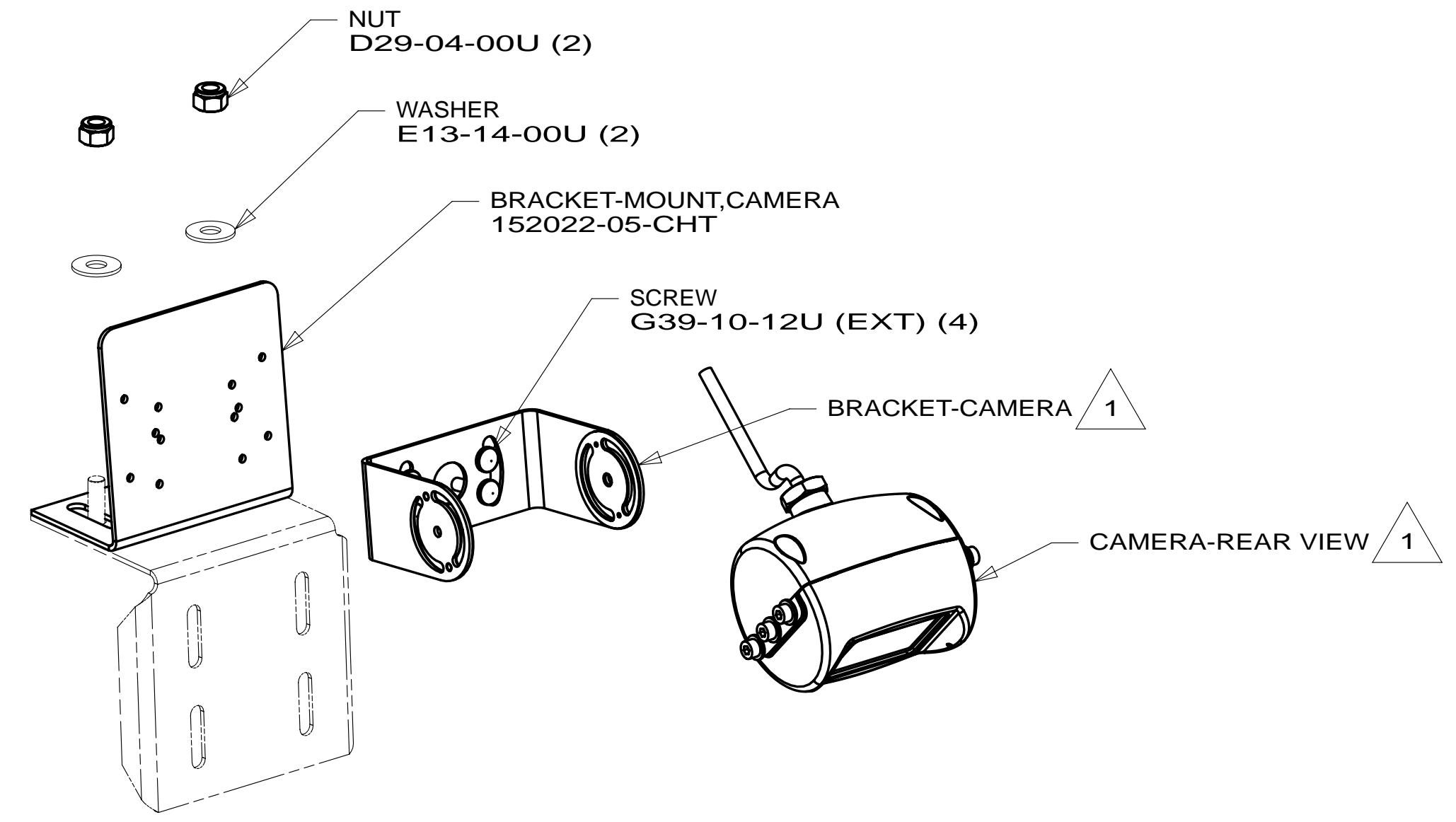
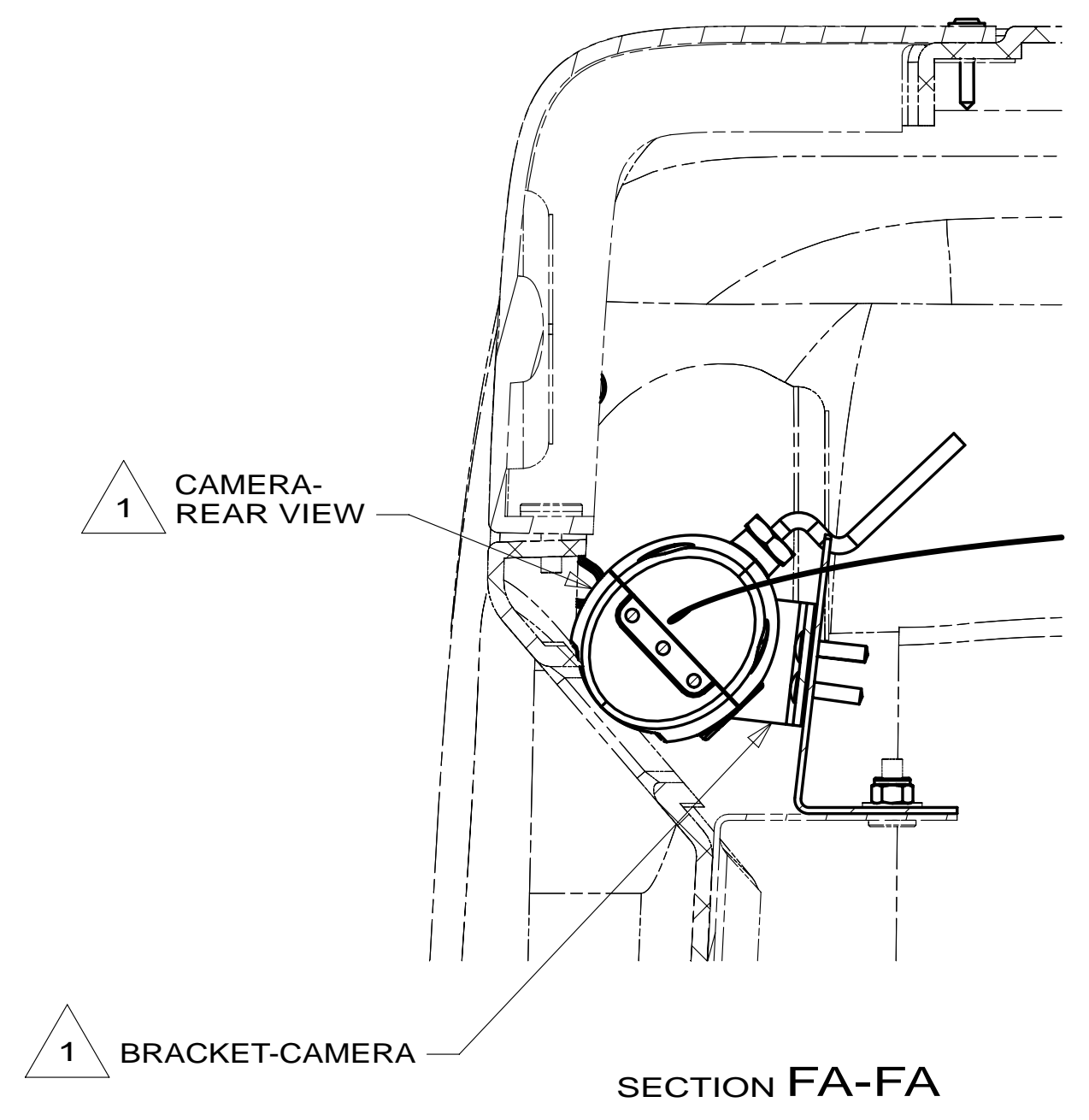
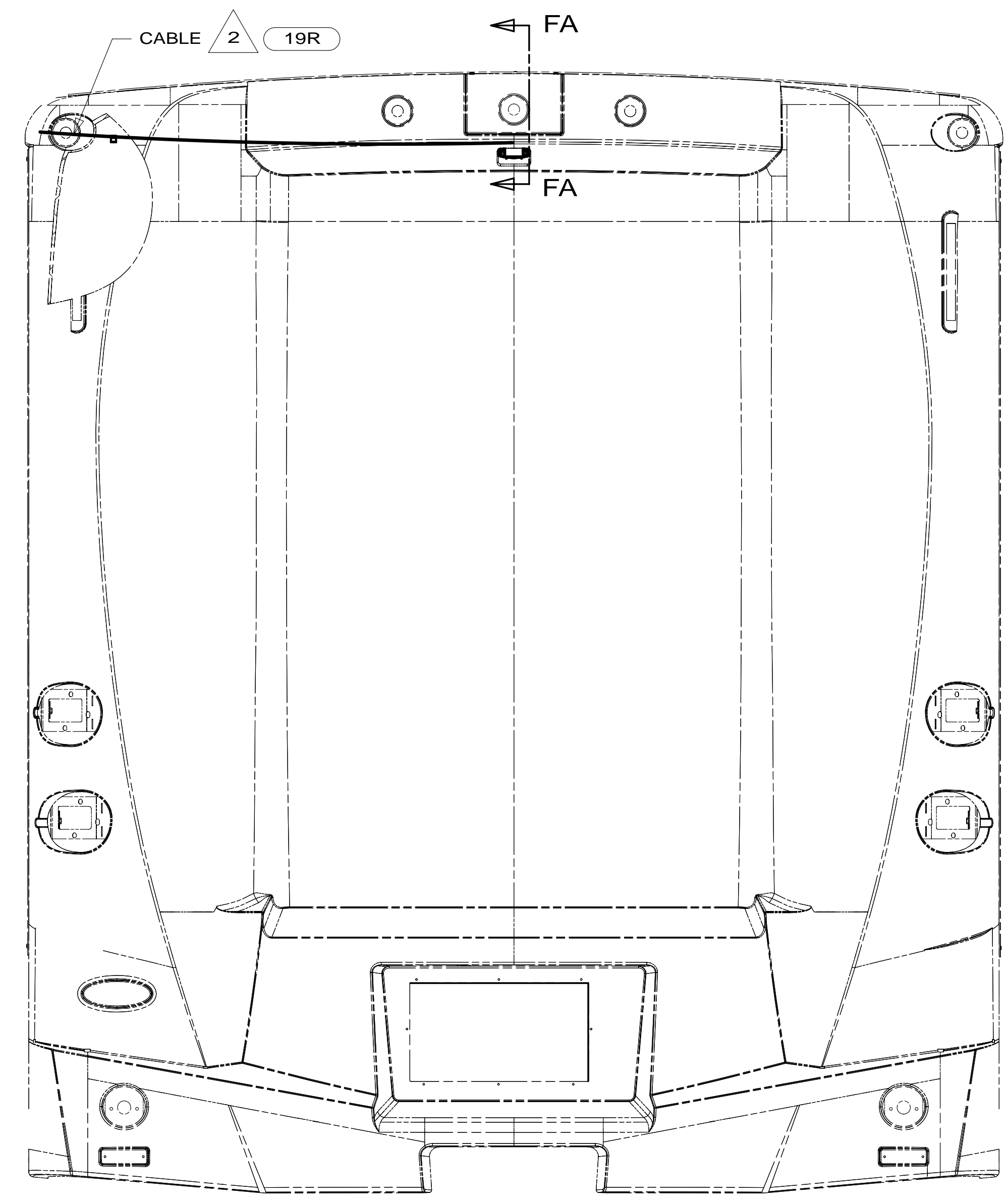
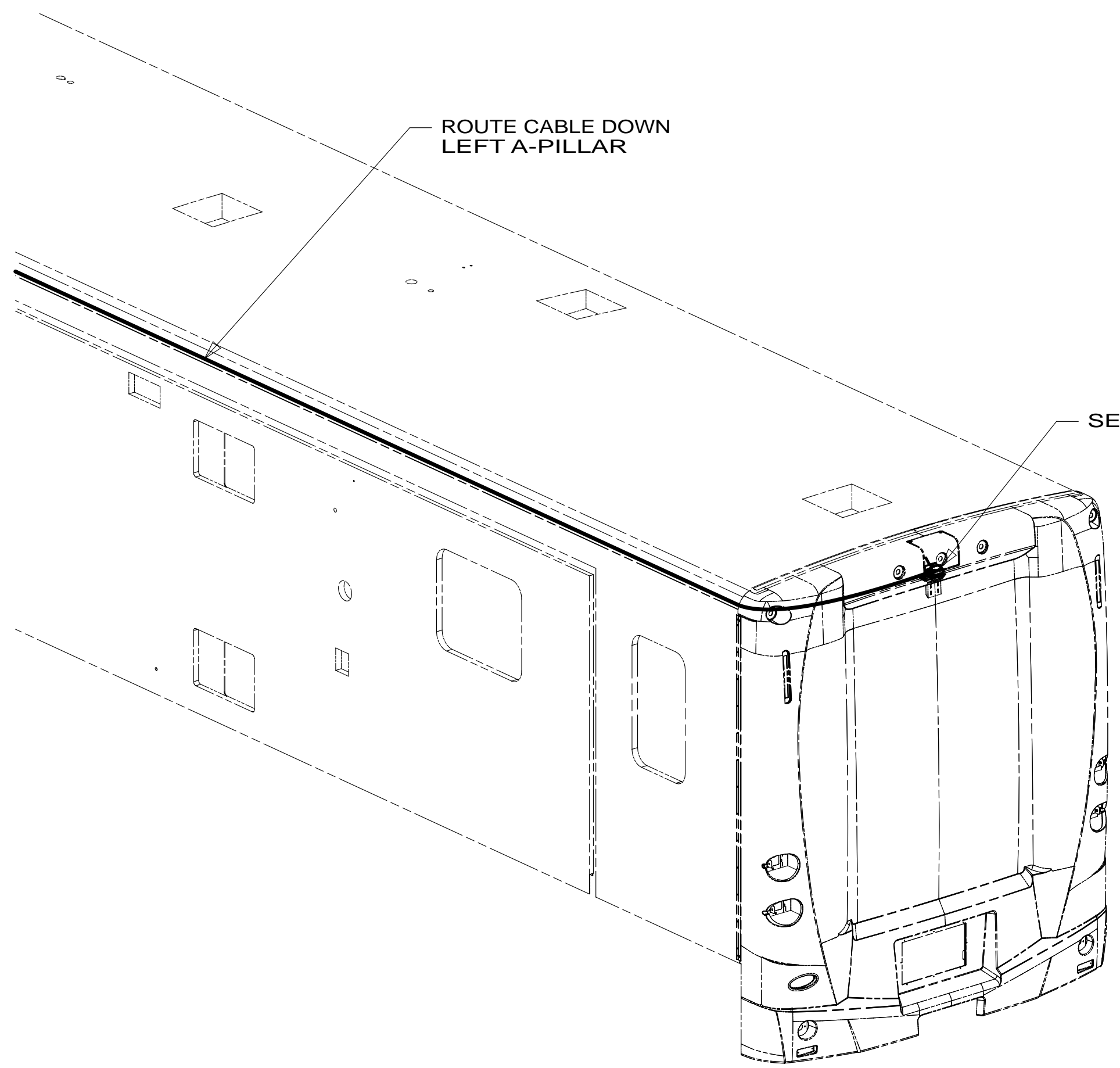
SHEET 5 PART NO **181230** REV

13-Nov-2012

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

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

* 181230 * A



VIEW FB

2 RUN CABLE THRU LEFT-HAND COVE TO REAR OF UNIT. STANDARD ON ALL UNITS.

1 PARTS SUPPLIED WITH CAMERA KIT P/N 181408-01-CHT 19R

NOTES:

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

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

- 19R RADIO/REARVIEW MONITOR SYS
- 265 CODES/STANDARDS-CSA/CMVSS
- 1B1 CODES/STANDARDS USA

1B1 265

FIRST USED	
13 J-SERIES	
DO NOT SCALE DRAWING	
TITLE: WIRING INSTL-FRONT END	
SHEET 6	PART NO. 181230 REV

8

7

6

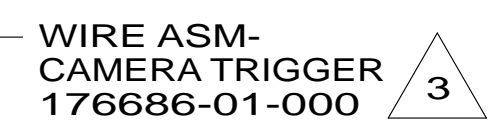
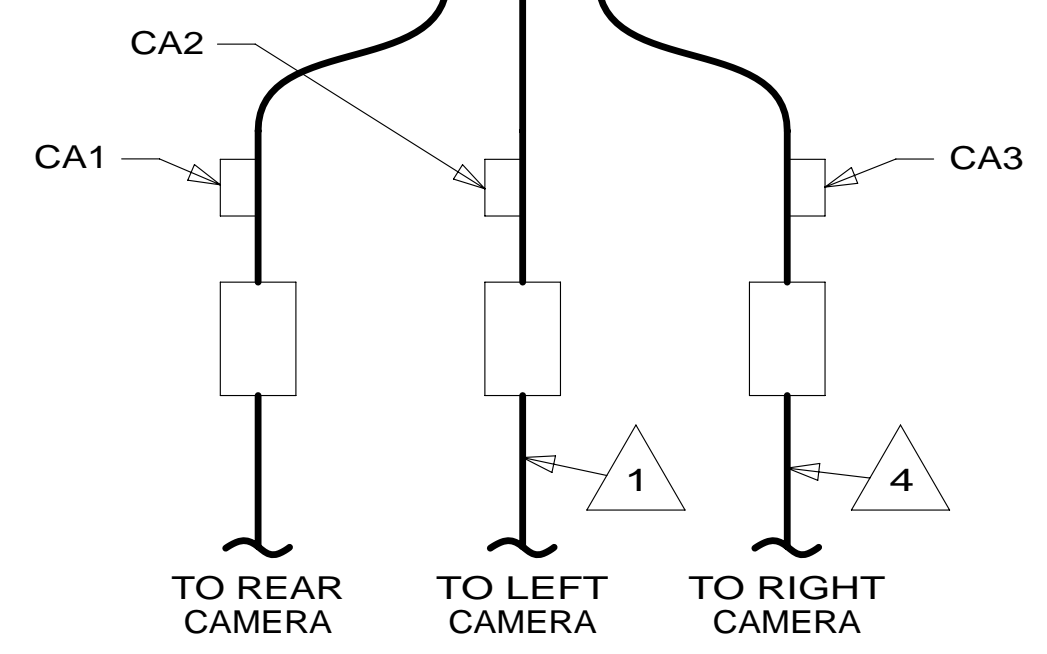
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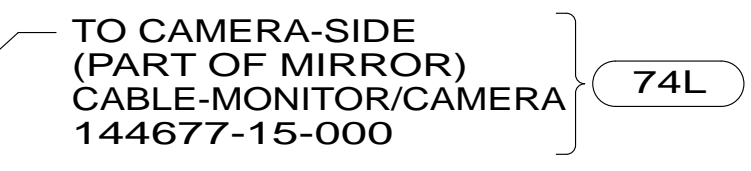
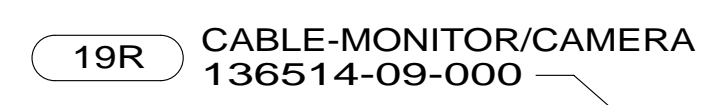
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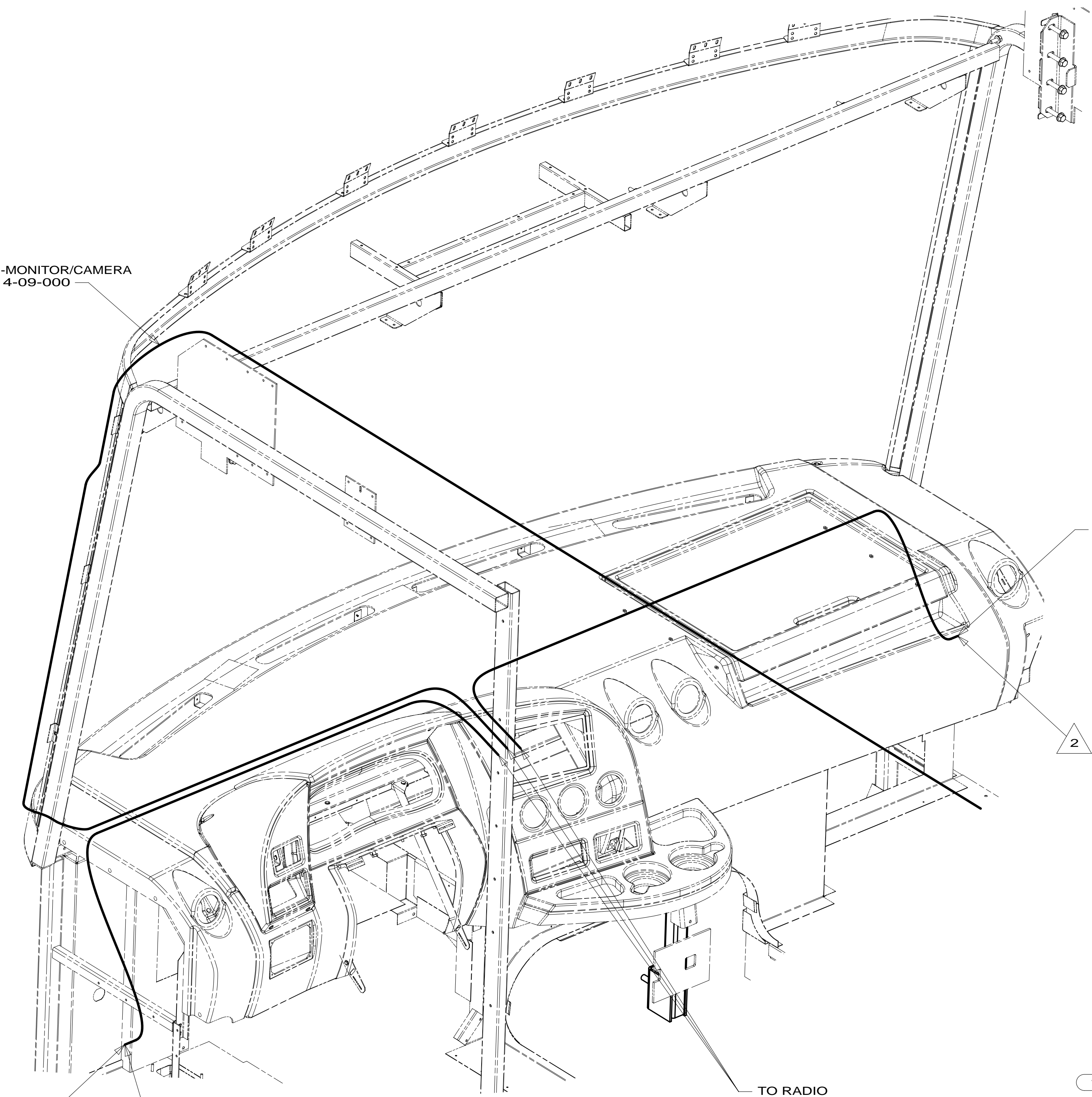
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DETAIL GA



- NOTES:
- 4 MARK RIGHT CABLE WITH WHITE TAPE 900000-08-000 NEXT TO CONNECTOR.
 - 3 NOT USED WITH 74L
CONNECT 4 PIN HOUSING FROM RADIO DIRECTLY TO WIRE ASM-IP,MAIN WITH 74L
 - 2 CONNECT CABLE TO SIDE MOUNTED MIRROR.
 - 1 MARK LEFT CABLE WITH YELLOW TAPE 900000-07-000 NEXT TO CONNECTOR.



- 19R RADIO/REARVIEW MONITOR SYS
- 74L VIDEO CAMERA SYS W/COLOR MON
- 265 CODES/STANDARDS-CSA/CMVSS
- 1B1 CODES/STANDARDS USA

1B1 265

FIRST USED

13 J-SERIES

DO NOT SCALE DRAWING

TITLE: **WIRING INSTL-FRONT END**

SHEET 7 PART NO **181230** REV

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

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

8

7

6

5

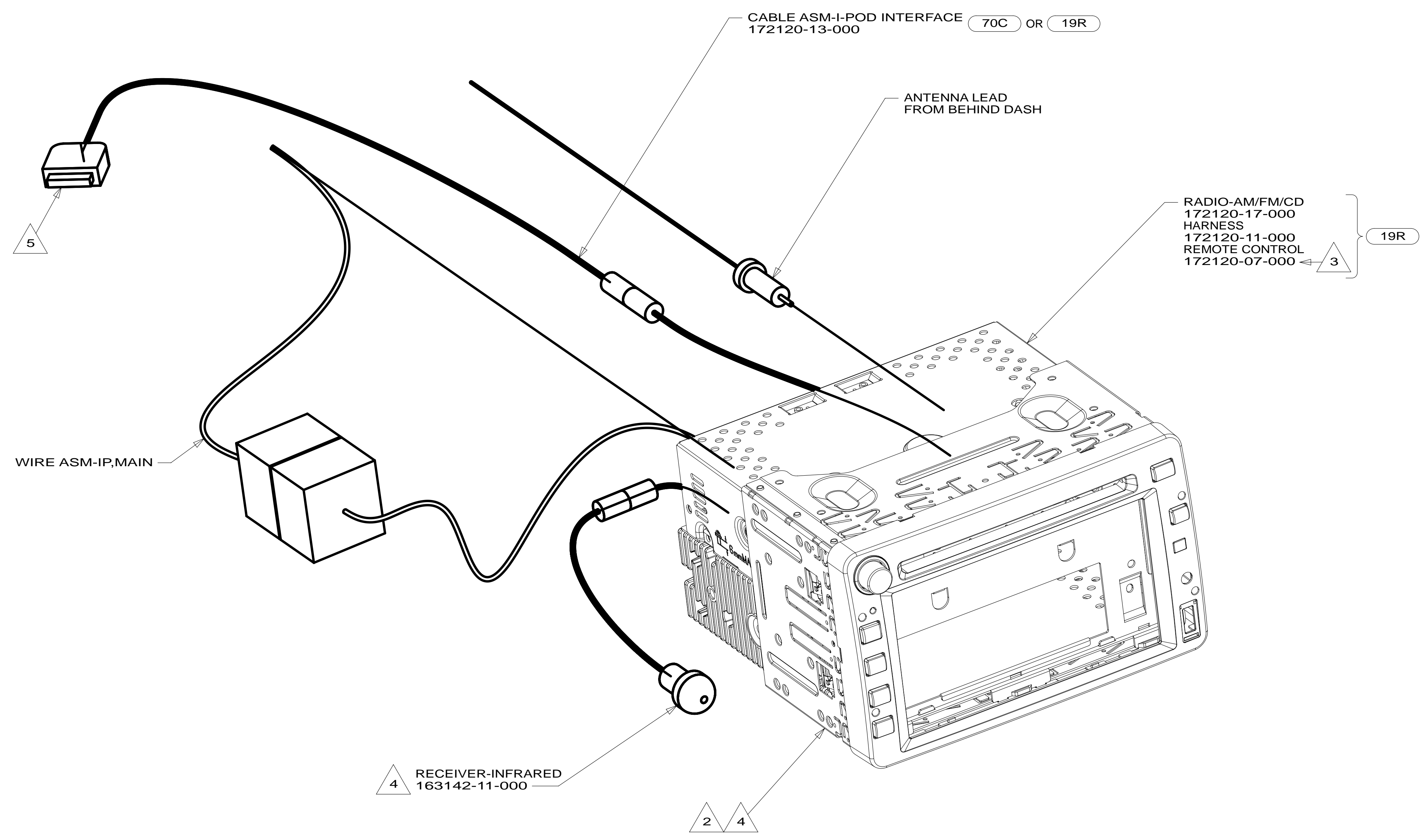
4

3

2

1

* 181230 *



- 5 PLUG I-POD CABLE INTO LEAD ON BACK OF RADIO MARKED 'I-POD' FOR UNITS WITHOUT GPS, ROUTE CABLE UP LEFT A-PILLAR AND INTO OVERHEAD CABINET ABOVE DRIVER. LEAVE 600 MM OF CABLE IN OVERHEAD TIED UP WITH WIRE TIE 8343-01-000. FOR UNITS WITH GPS, CONNECT TO IPOD DOCK.
- 4 SUPPLIED WITH RADIO.
- 3 TO BE SUPPLIED LOOSE IN WINNEBAGO OWNERS CASE.
- 2 BEND TABS ON ALL 4 SIDES TO SECURE MOUNTING BRACKET TO DASH OPENING.
1. APPLY TAPE 8363-01-000 AS NECESSARY TO SECURE NON-LOCKING CONNECTIONS.

NOTES:

- 19R RADIO/REARVIEW MONITOR SYS
- 70C RADIO - SATELLITE
- 265 CODES/STANDARDS-CSA/CMVSS
- 1B1 CODES/STANDARDS USA

1B1 265

13 J-SERIES

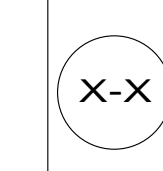
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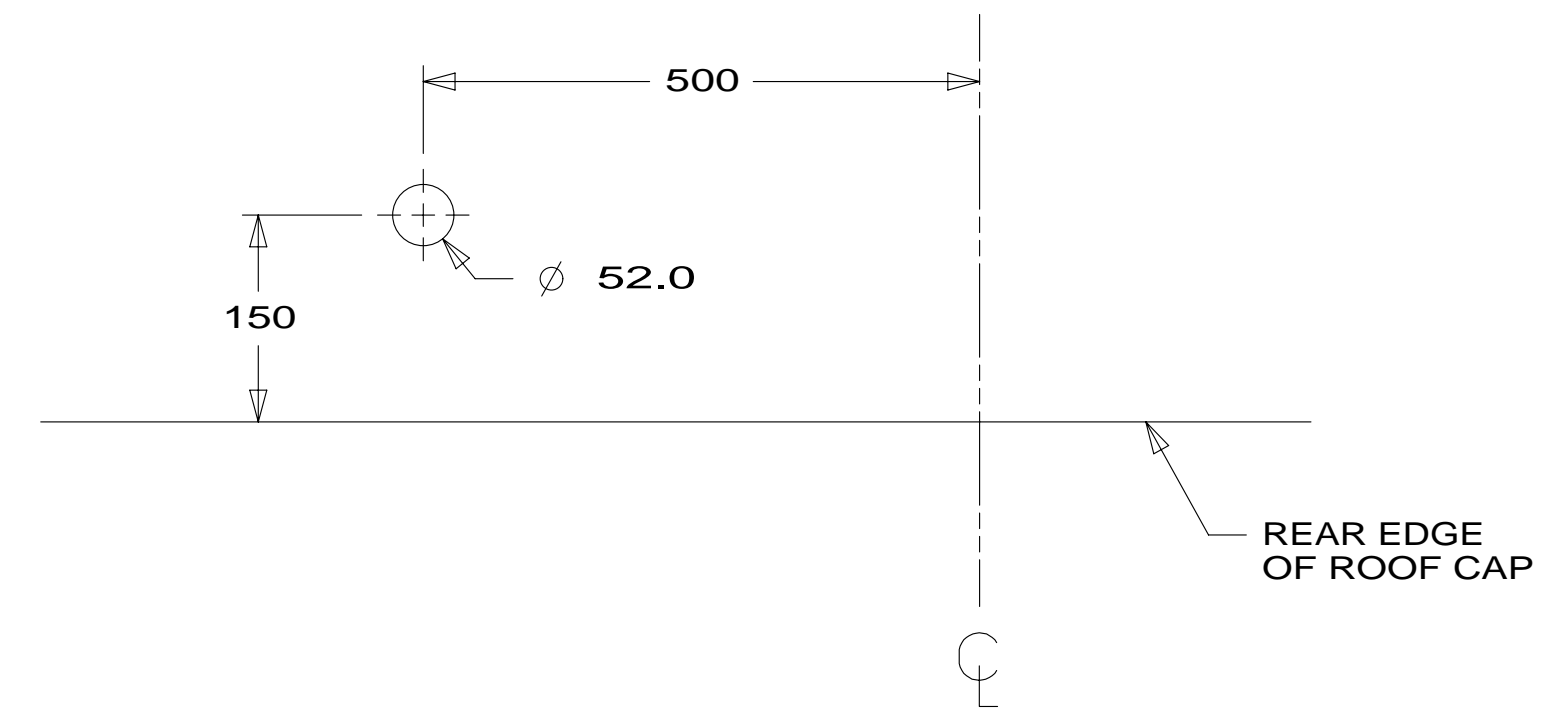
SHEET 8 PART NO. **181230** REV

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

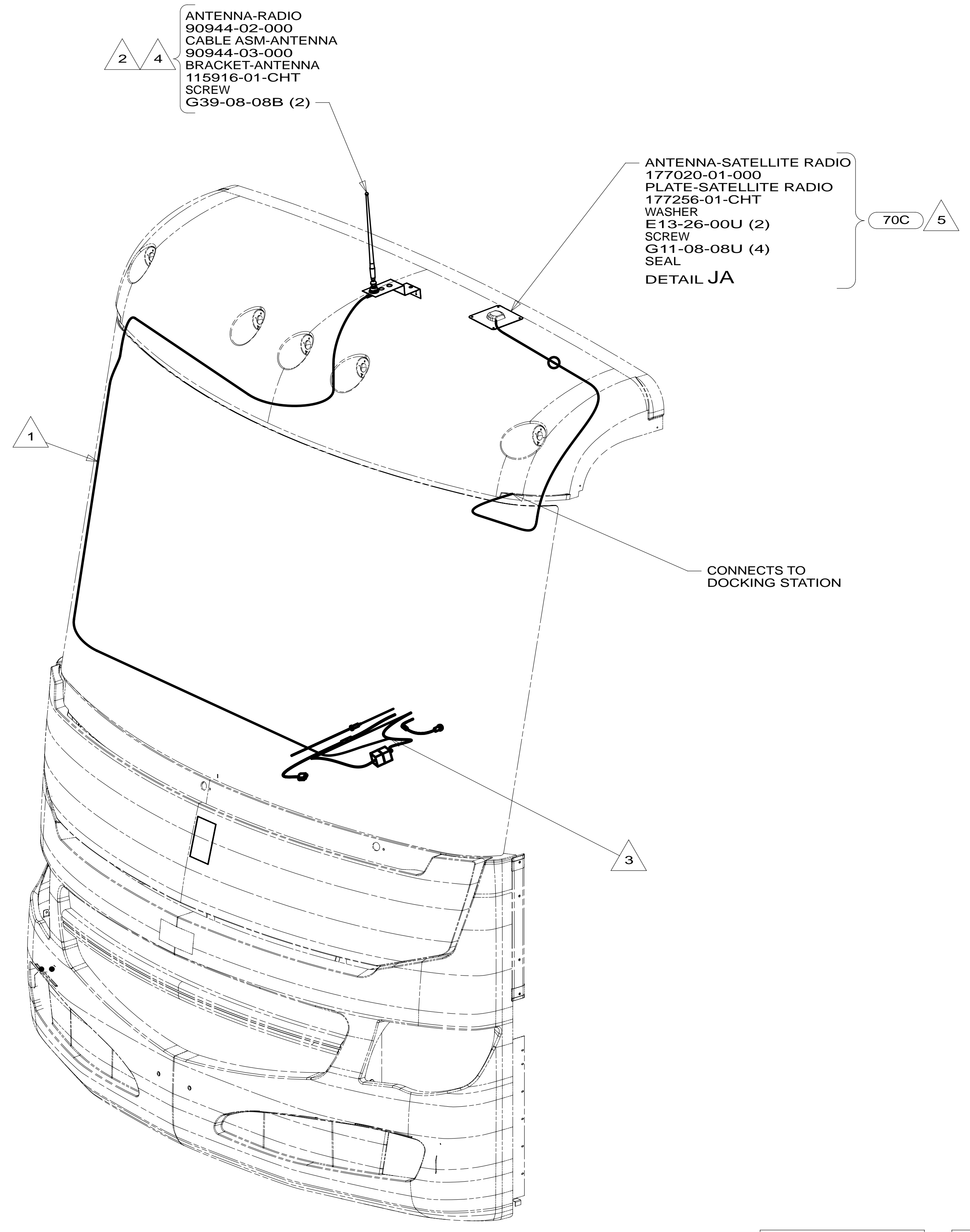
FOR ELECTRICAL CALLOUTS SEE DWG NO. 121339-01-000



* 181230 * A



DETAIL JA 70C



- NOTES:
- 5 MOUNT ANTENNA SUCH THAT BASE IS SQUARE W/REAR OF ROOF CAP & HOLE IS DIRECTLY OVER HOLE IN FIBERGLASS. SEAL HOLE IN ROOF CAP, BASE AT SCREWS.
 - 4 USE HOLE IN BRACKET AS GUIDE TO DRILL 13 MM DIAMETER HOLE IN FIBERGLASS.
 - 3 TO RADIO.
 - 2 SEAL AROUND ANTENNA BASE.
 - 1 ROUTE CABLE ALONG A-POST, UNDER TRIM COVER.

- 70C RADIO - SATELLITE
- 265 CODES/STANDARDS-CSA/CMVSS
- 1B1 CODES/STANDARDS USA

FIRST USED	
13 J-SERIES	
DO NOT SCALE DRAWING	
TITLE: WIRING INSTL-FRONT END	
SHEET 9	PART NO 181230 REV

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

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

* 181230 * A