



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.

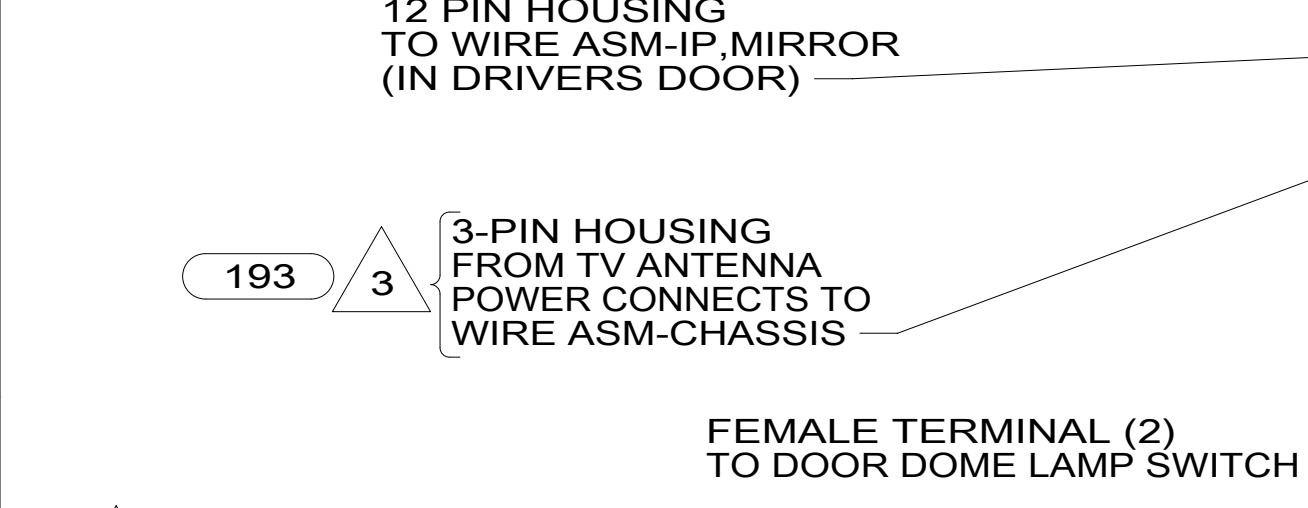
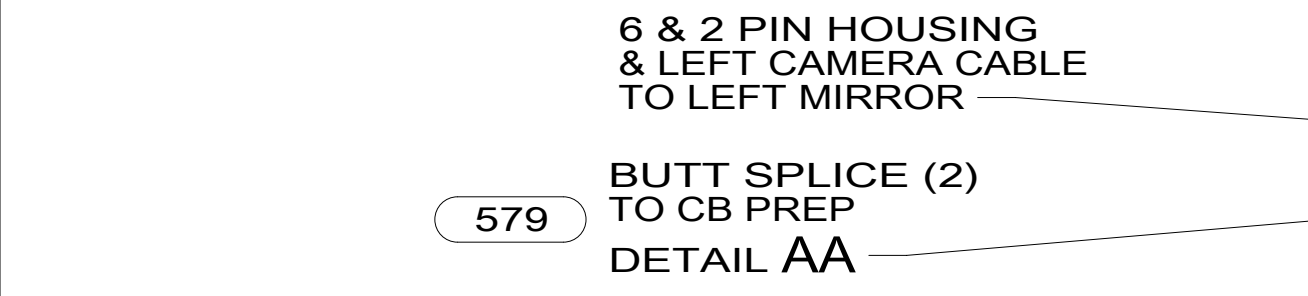
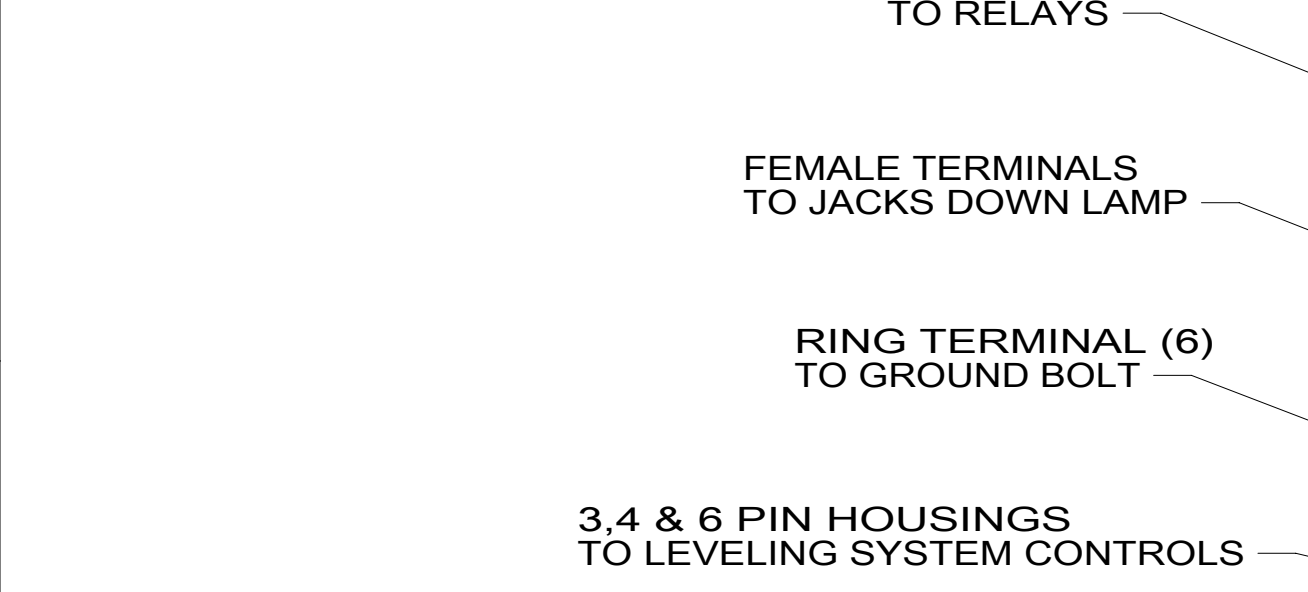
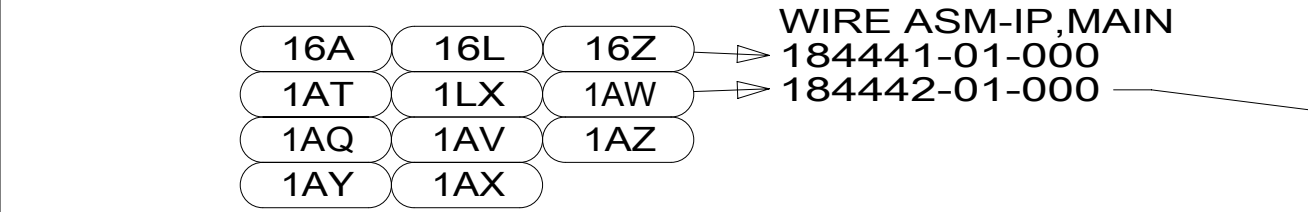
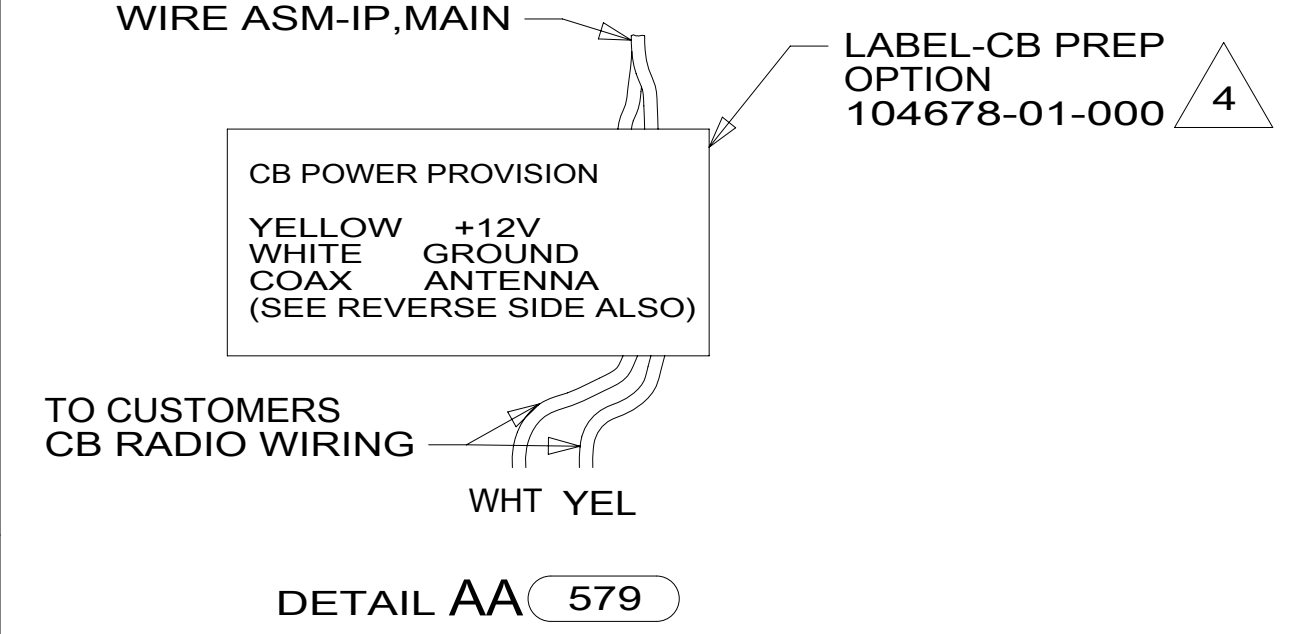


CAUTION

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.

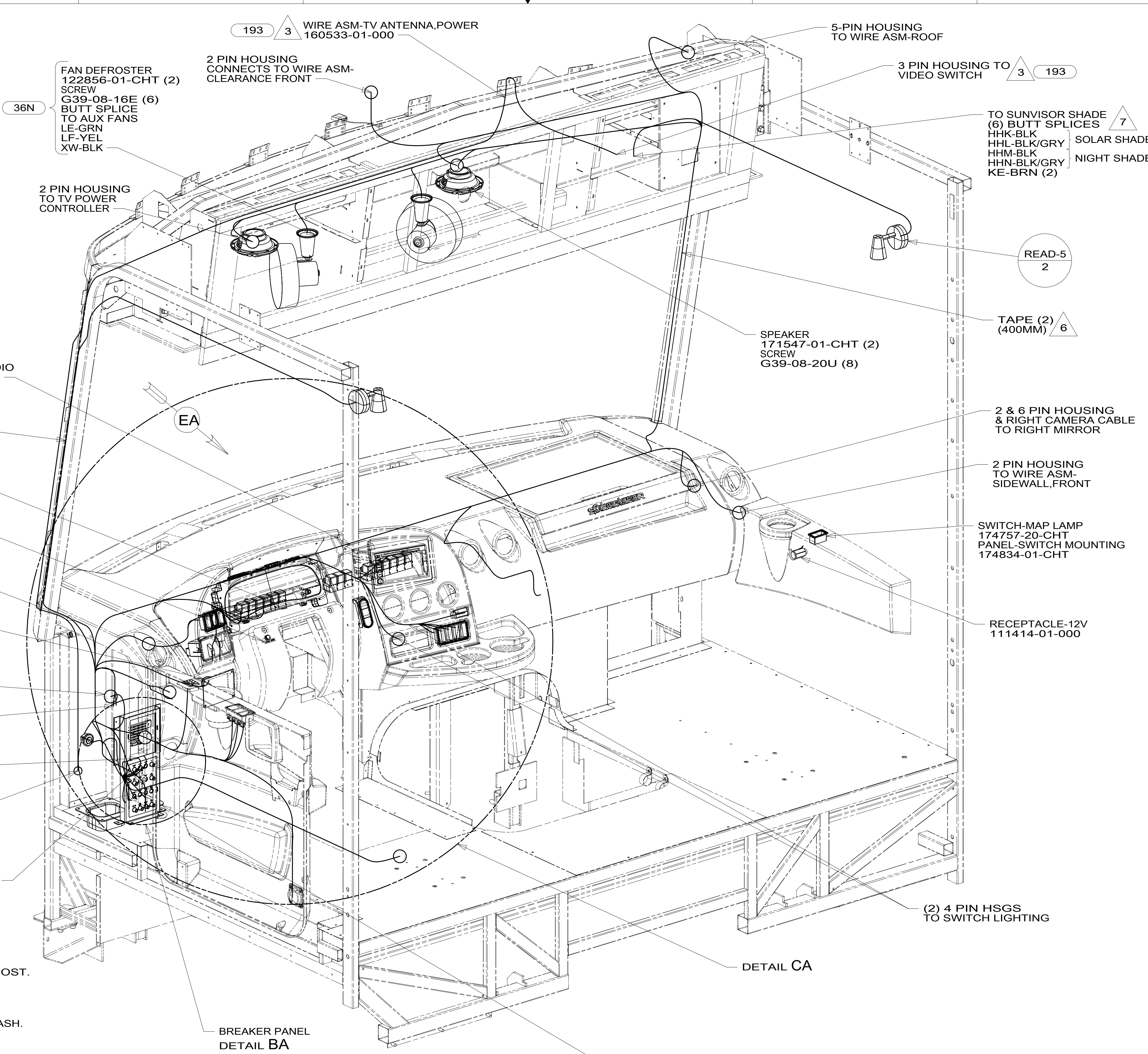
DRAWING NO.	UNITS
184433-01	J32H,J35P,J37F,J38Q,J32D
184433-02	J33S,J38S

RELEASE A	REV/DATE	DWG NO. 184433
REV ZONE	REVISION RECORD	DATE DFT-ORIG



- 8 CONNECT CABLE SUPPLIED WITH SATELLITE RADIO TO RECEIVER & PLUG INTO BACK OF RADIO.
- 7 CUT VISOR WIRING TO 300MM BEFORE CONNECTING.
- 6 USE TAPE 136748-01-000 TO SECURE WIRES IN A-POST.
- 5 SEAL TO BE INSTALLED OVER SWITCH PLUNGER.
- 4 EDGE OF LABEL TO HANG JUST BELOW BOTTOM OF DASH.
- 3 USED ON SHELLS ONLY.
- 2 COVER EACH SPEAKER GRILL WITH TAPE-CLEAR 114187-01-000 (600 MM).

1. WINNEBAGO WIRE ASSEMBLIES ARE SHOWN FOR CLARITY.



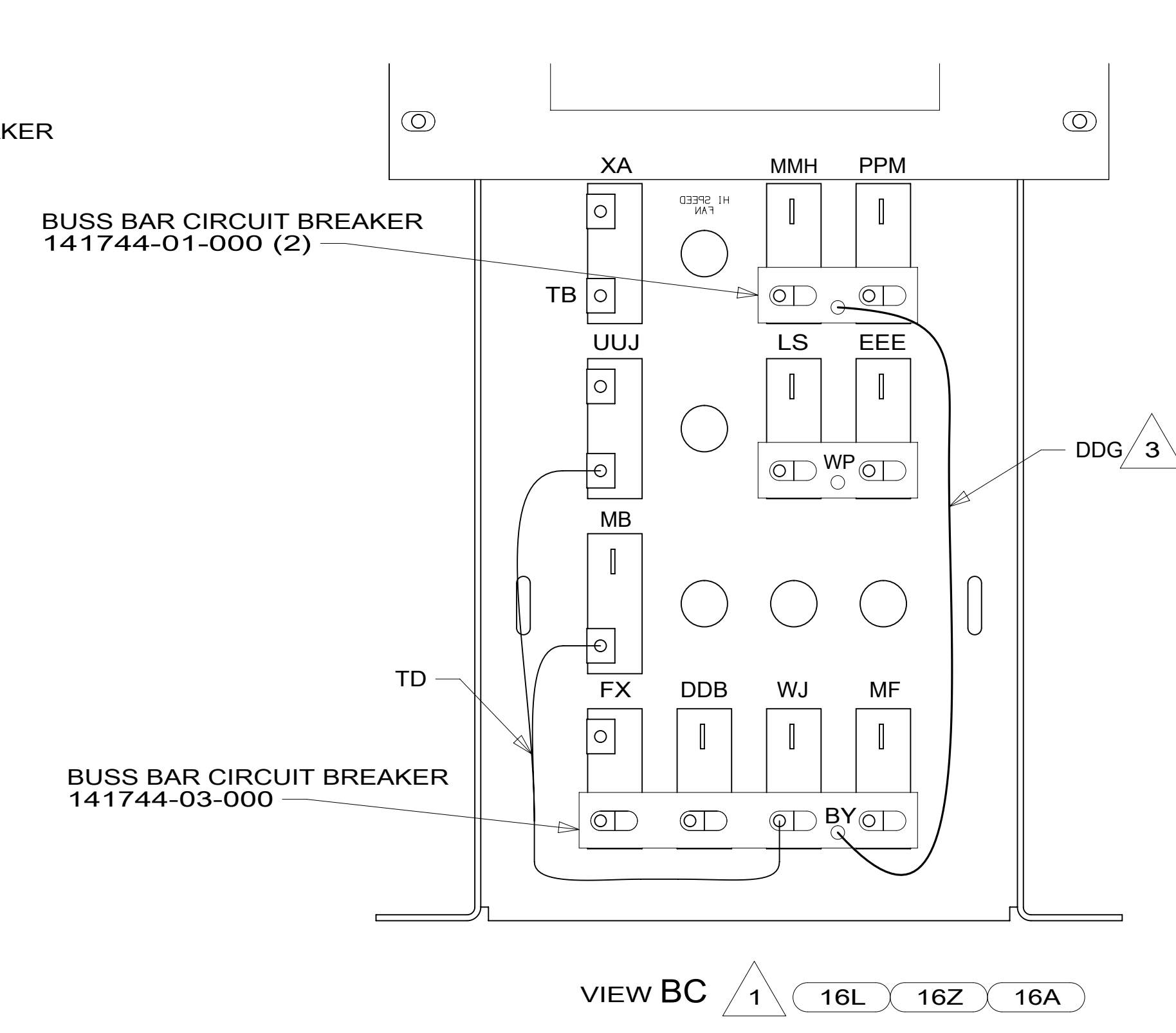
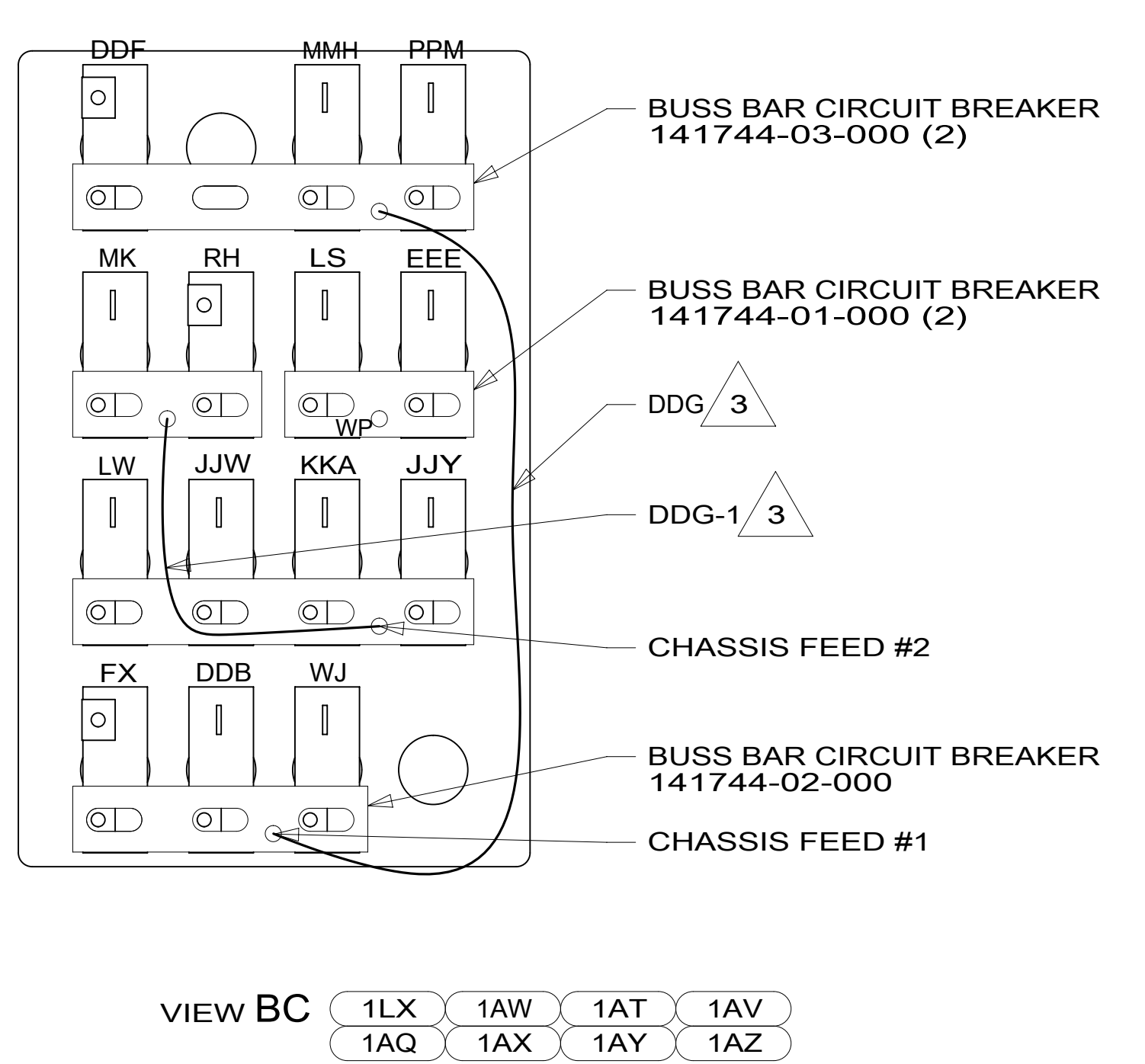
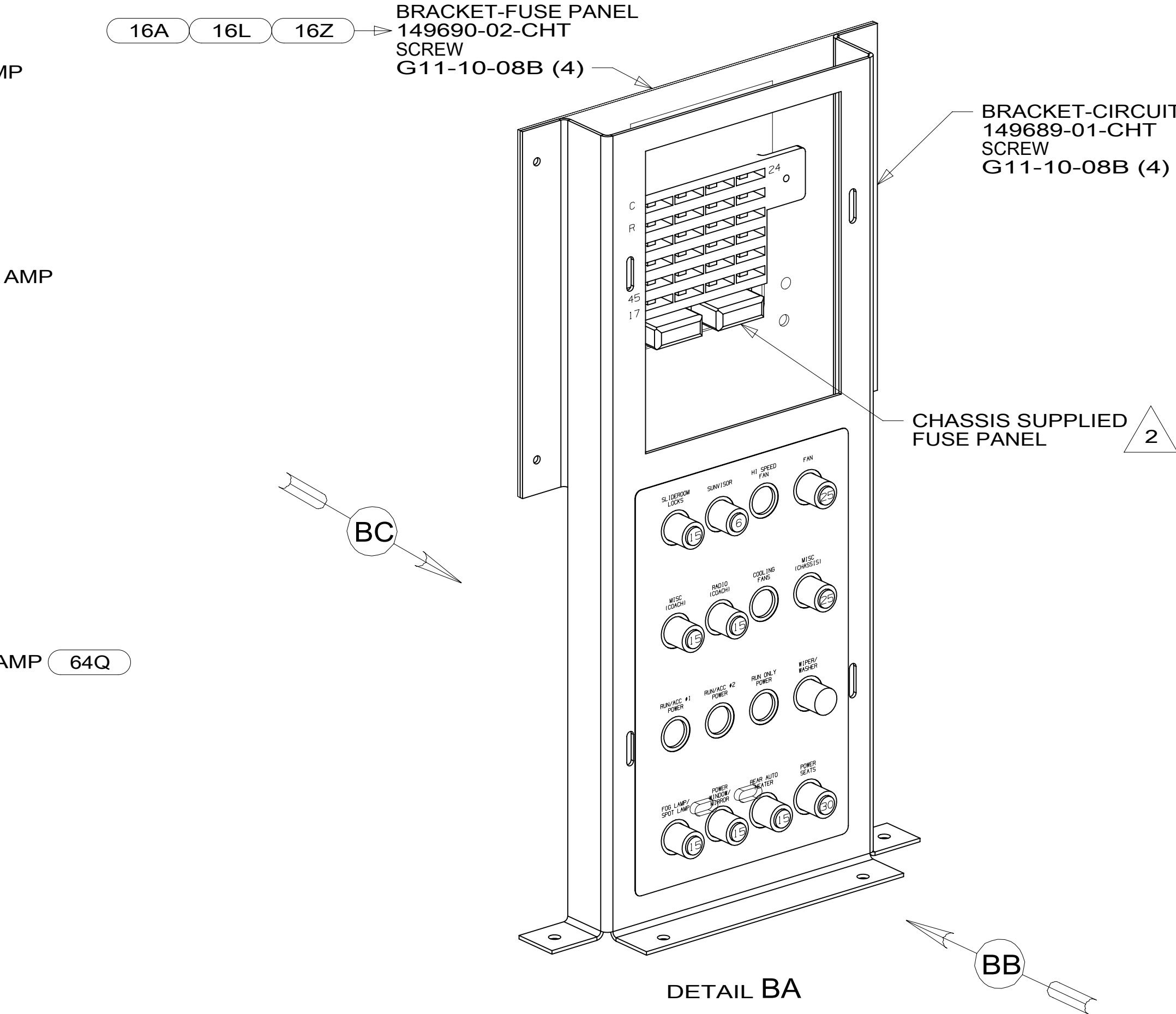
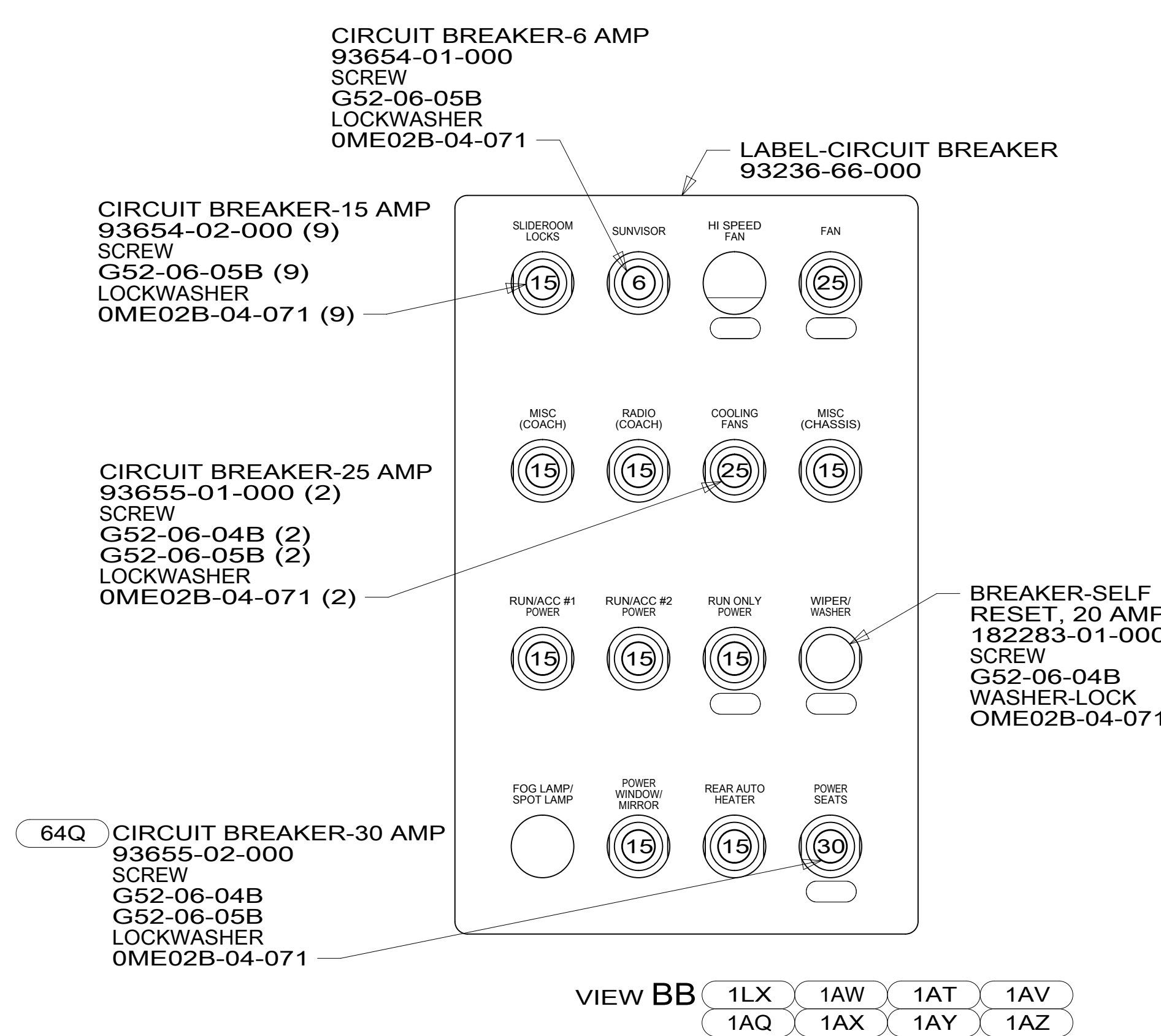
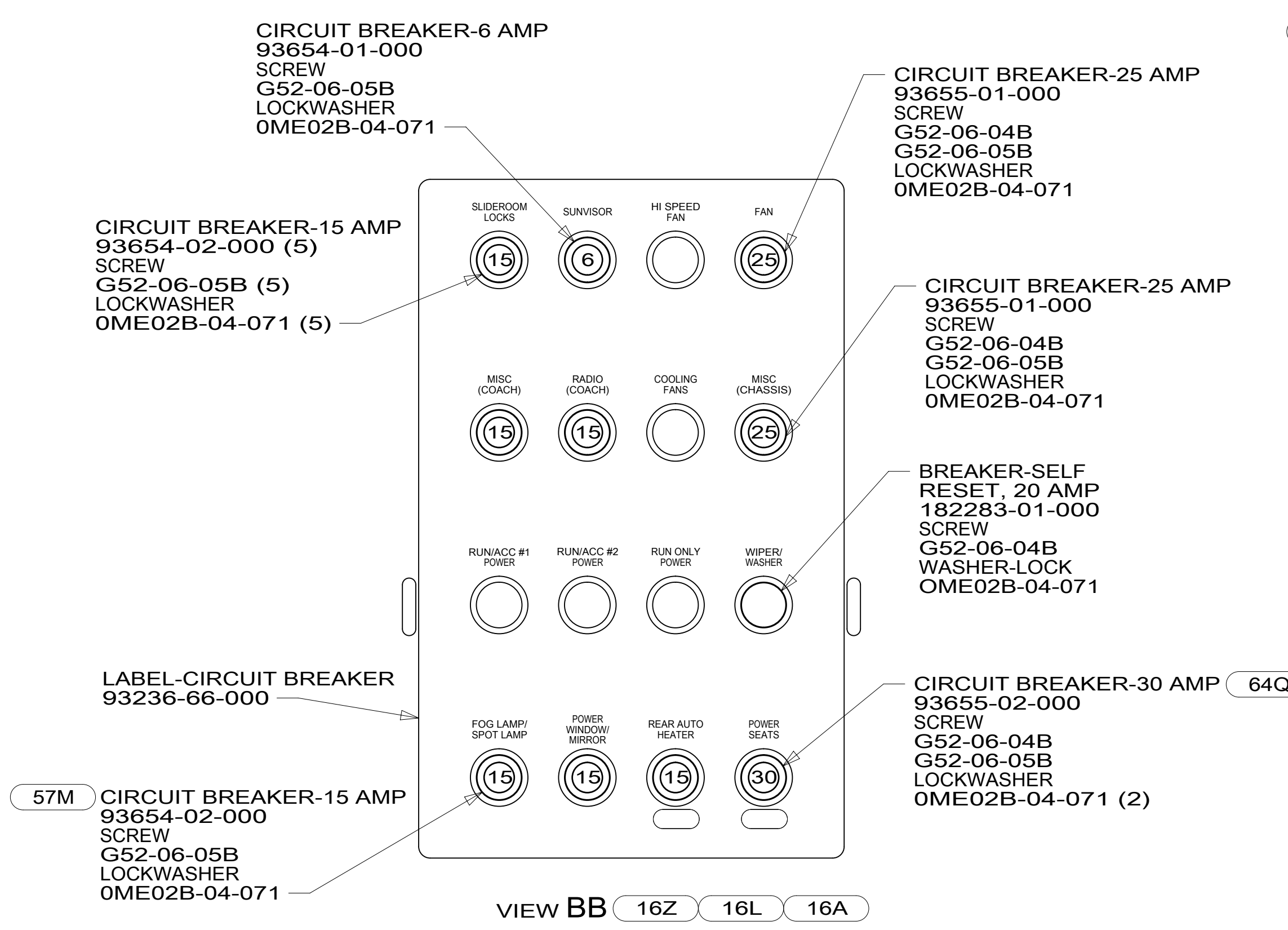
- 1AZ FRTL (FRED) 26K(27.5K FCCC)
- 1AY FRTL(FRED)-RR AIR SUSPENSION
- 1AX FRTL (FRED) - AIR BRAKE
- 1AQ FRTL(FRED)27.5K 340HP 22.5WL
- 1AV FRED 27.5K AIR BRK/FULL SUSP
- 1AT FRED-AIR BRAKE/FULL AIR SUSP
- 1AW FRTL(FRED)26K-340HP 22.5 WHL
- 1LX FRTL(FRED)24K-340HP 22.5 WHL
- 579 RADIO - CB WIRE PREP
- 36N FANS-DEFROSTER, AUXILIARY
- 193 TV ANT-DIGITAL AMPLIFIED
- 15D INFOTAINMENT CENTER/GPS
- 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

		COPYRIGHT 2014 WINNEBAGO INDUSTRIES, INC.
DFT-ORIG	ORIG. DATE	
CHKR	ALL DIMENSIONS ARE IN MILLIMETERS	
P.E.		
M.E.	FIRST USED	
DSNR	14 J-SERIES	
UNSPECIFIED TOLERANCES ARE:		MATERIAL:
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 10	PART NO. 184433	REV
REF:	1 21-May-2015	

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

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

*184433-A



- 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

- 1AZ FRTL (FRED) 26K(27.5K FCCC)
- 1AY FRTL(FRED)-RR AIR SUSPENSION
- 1AX FRTL (FRED) - AIR BRAKE
- 1AQ FRTL(FRED)27.5K 340HP 22.5WL
- 1AV FRED 27.5K AIR BRK/FULL SUSP
- 1AT FRED-AIR BRAKE/FULL AIR SUSP
- 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

1B1 265

FIRST USED

14 J-SERIES

DO NOT SCALE DRAWING

TITLE: **WIRING INSTL-FRONT END**

SHEET 2 PART NO **184433** REV

1 21-May-2015

* 184433 *

- 1AQ 1AV 1LX 1AW
- 1AT 1AZ 1AY 1AX
- RELAY 63912-02-000 (9)
- SCREW G39-08-08U (9)

- 3 2 LIGHT ASM-INDICATOR,RED 190682-01-000
- LABEL-JACKS DOWN 133533-01-CHT

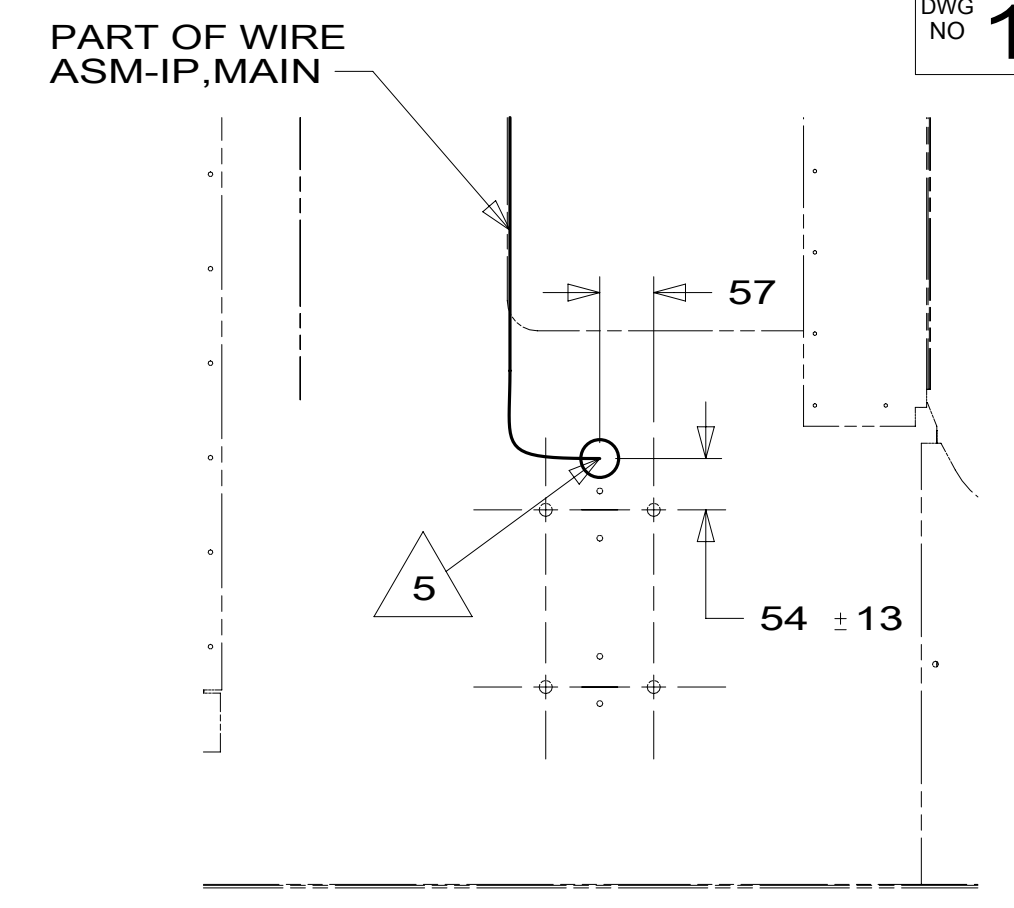
- 16A 16Z 16L WIRE ASM-IP,LEFT 156816-08-000
- 1AQ 1AV 1LX 1AW 156816-09-000
- 1AT 1AZ 1AY 1AX

- 12L SWITCH 41250-01-000
- SCREW G39-08-16E (2)
- SEAL 113285-01-CHT
- 7

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

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

- 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 "RED".
 - 1 CHASSIS SUPPLIED



SEE SHEETS 7 & 8

- WIRE ASM-IP,RIGHT 179398-02-000

DETAIL DB

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

- 16Z 16L 16A

CLUSTER CHASSIS SUPPLIED

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

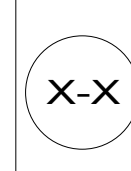
- 16A 16L 16Z

- 1AZ FRTL(FRED) 26K(27.5K FCCC)
- 1AY FRTL(FRED)-RR AIR SUSPENSION
- 1AX FRTL(FRED) - AIR BRAKE
- 1AQ FRTL(FRED)27.5K 340HP 22.5WL
- 1AV FRED 27.5K AIR BRK/FULL SUS
- 1AT FRED-AIR BRAKE/FULL AIR SUSP
- 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

- 1B1 265

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

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



DETAIL CA

2 PIN HSG TO DRIVERS SEAT
DETAIL CC

SEE LEVELING SYSTEM INSTL

PART OF WIRE ASM IP,MAIN

FIRST USED

14 J-SERIES

DO NOT SCALE DRAWING

TITLE: WIRING INSTL-FRONT END

SHEET 3 PART NO 184433 REV

1 21-May-2015

*184433 *A

SWITCH-BATTERY BOOST
174757-31-CHT

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

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

SWITCH-WIPER
174663-01-000



DETAIL DC

SWITCH-FOG LIGHTS
174757-23-CHT

SWITCH-BLANK
145754-01-CHT

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

SWITCH-BATTERY BOOST
174757-31-CHT

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

HEADLAMP-SWITCH
(REF)
SCREW
G11-08-06U (4)
PLATE ASM-
MOUNTING,HDLP SW
189004-02-CHT
PLATE ASM-
MOUNTING,HDLP SW
189009-01-CHT
NUT
000D65-08-00U (4)

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

DETAIL DA 16L 16Z 16A

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

DETAIL DA 1LX 1AW 1AZ 1AT 1AV
1AY 1AX 1AT 1AQ

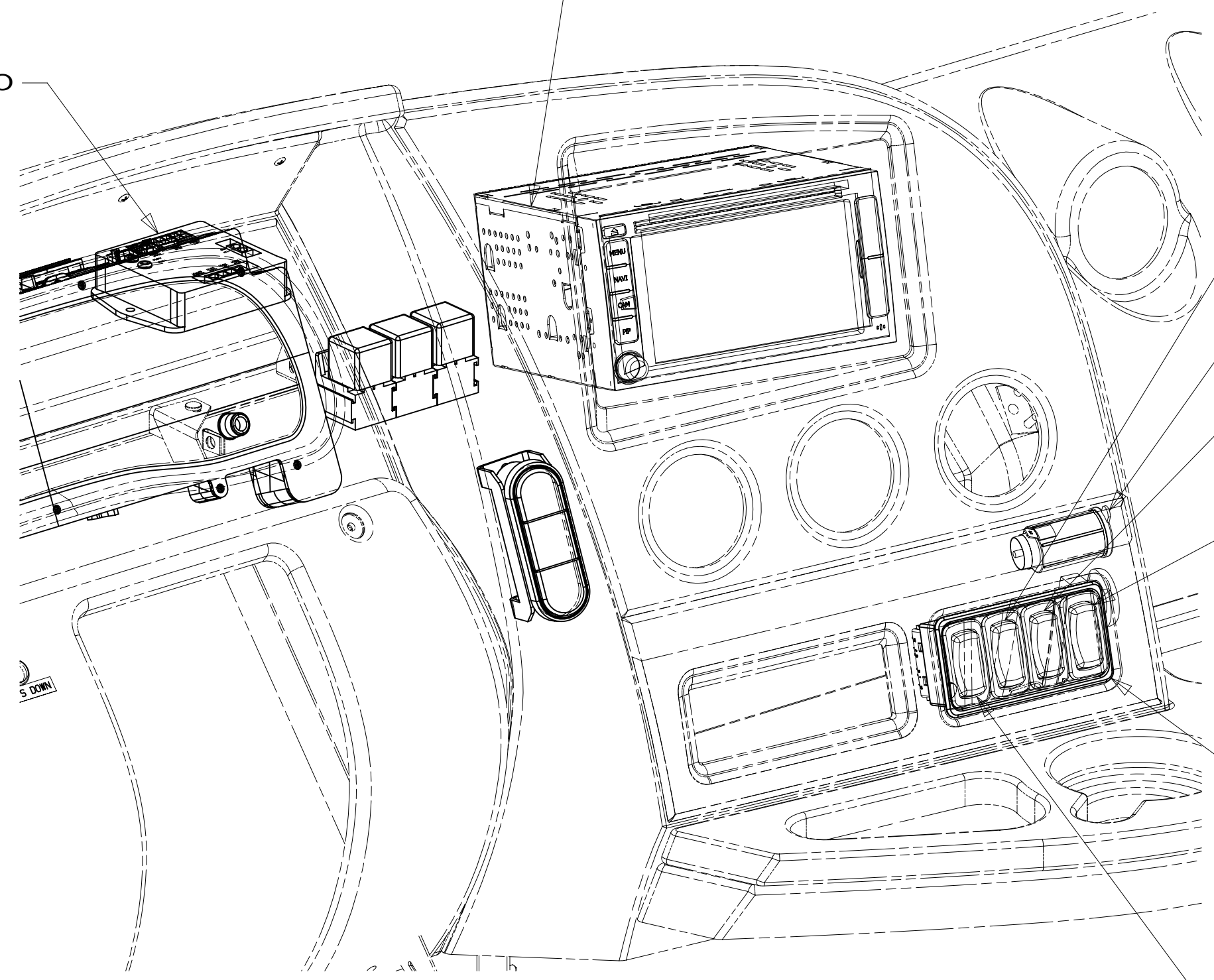
RADIO-AM/FM/DVD
183820-16-000
HARNES
183820-19-000

RADIO-INFOTAINMENT,6"
190062-01-000
SENSOR-TEMPERATURE
176654-13-000
REMOTE-NAVIGATION/RADIO
176654-04-000

MOUNT-RADIO
186048-01-CHT
186048-02-CHT
STRAP-RADIO
186046-01-000

15D SWITCH-VIDEO CAMERA
180731-01-000
SEE SHT 9 FOR ADDITIONAL INFO

19R SWITCH-VIDEO CAMERA
180731-09-000
SEE SHT 10 FOR ADDITIONAL INFO



DETAIL DB

SWITCH-COACH HEATER
174757-28-CHT

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

SWITCH-GEN SET
174757-05-CHT
SWITCH-BLANK
145754-01-CHT

SWITCH-RADIO POWER
174757-12-CHT

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

SWITCH-DEFROST FAN
174757-14-CHT

- 1AV FRED 27.5K AIR BRK/FULL SUSP
- 1AT FRED-AIR BRAKE/FULL AIR SUSP
- 1AZ FRTL (FRED) 26K(27.5K FCCC)
- 1AY FRTL(FRED)-RR AIR SUSPENSION
- 1AX FRTL (FRED) - AIR BRAKE
- 1AT FRED-AIR BRAKE/FULL AIR SUSP
- 1AQ FRTL(FRED)27.5K 340HP 22.5WL
- 15D INFOTAINMENT CENTER/GPS
- 19R RADIO/REARVIEW MONITOR SYS
- 52P GEN-5.5KW ONAN-GAS-MARQ GOLD
- 67A GEN-6.0KW ONAN QUIET DIESEL
- 16A FORD 26,000#-22.5 AL WHL
- 1LX FRTL(FRED)24K-340HP 22.5 WHL
- 1AW FRTL(FRED)26K-340HP 22.5 WHL
- 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

- 7 CHASSIS SUPPLIED ROCKER SWITCHES. DOME LIGHT SWITCH NOT USED. SEE DETAIL DC FOR SWITCH POSTION.
- 6 CHASSIS SUPPLIED COMPOSITE SWITCH
- 5 ROUTE TEMP SENSOR THRU HOLE IN BELKEAD TO BRACKET (SEE SHEET 6).
- 4 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.
- 3 MOUNT GPS ANTENNA ON TOP OF DEFROST PLENUM.
- 2 CONNECTS TO CHASSIS WIRING.
- 1 WITHOUT 39N OR 67A OR 52P

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

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

FIRST USED

14 J-SERIES

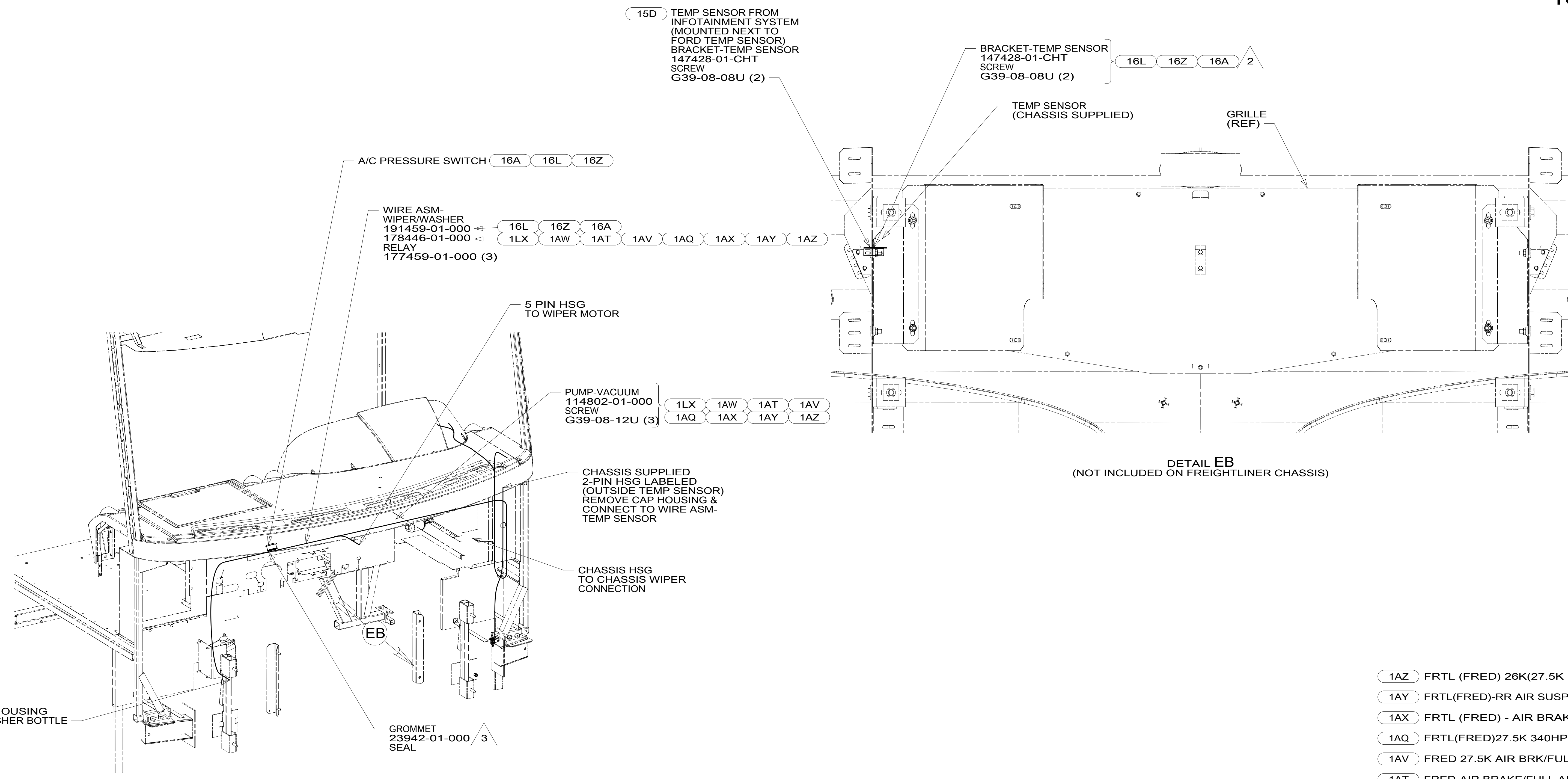
DO NOT SCALE DRAWING

TITLE: **WIRING INSTL-FRONT END**

SHEET 4 PART NO **184433** REV

1 21-May-2015

184433



- 1AZ FRTL (FRED) 26K(27.5K FCCC)
- 1AY FRTL(FRED)-RR AIR SUSPENSION
- 1AX FRTL (FRED) - AIR BRAKE
- 1AQ FRTL(FRED)27.5K 340HP 22.5WL
- 1AV FRED 27.5K AIR BRK/FULL SUSP
- 1AT FRED-AIR BRAKE/FULL AIR SUSP
- 15D INFOTAINMENT CENTER/GPS
- 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

- 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.

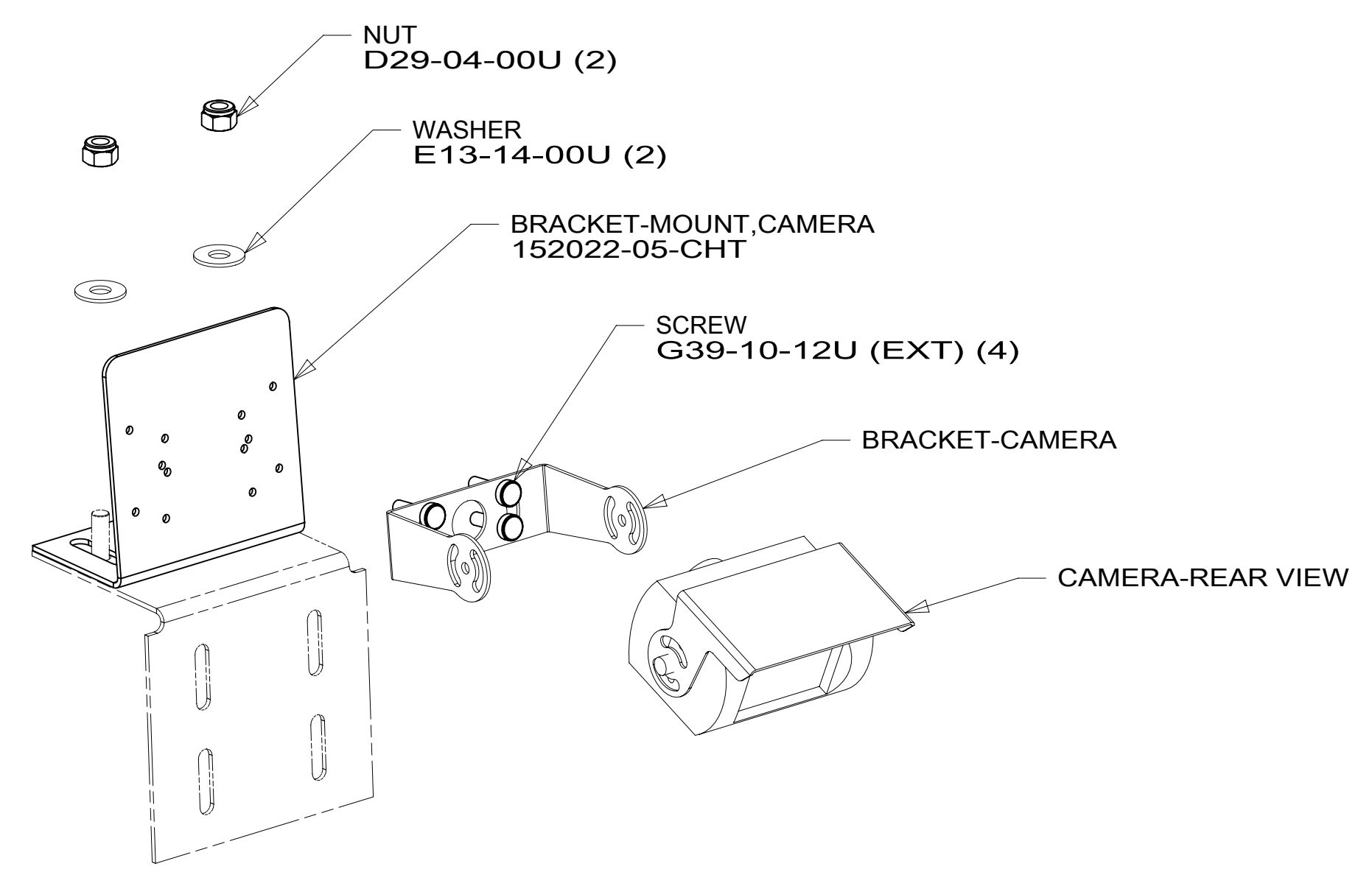
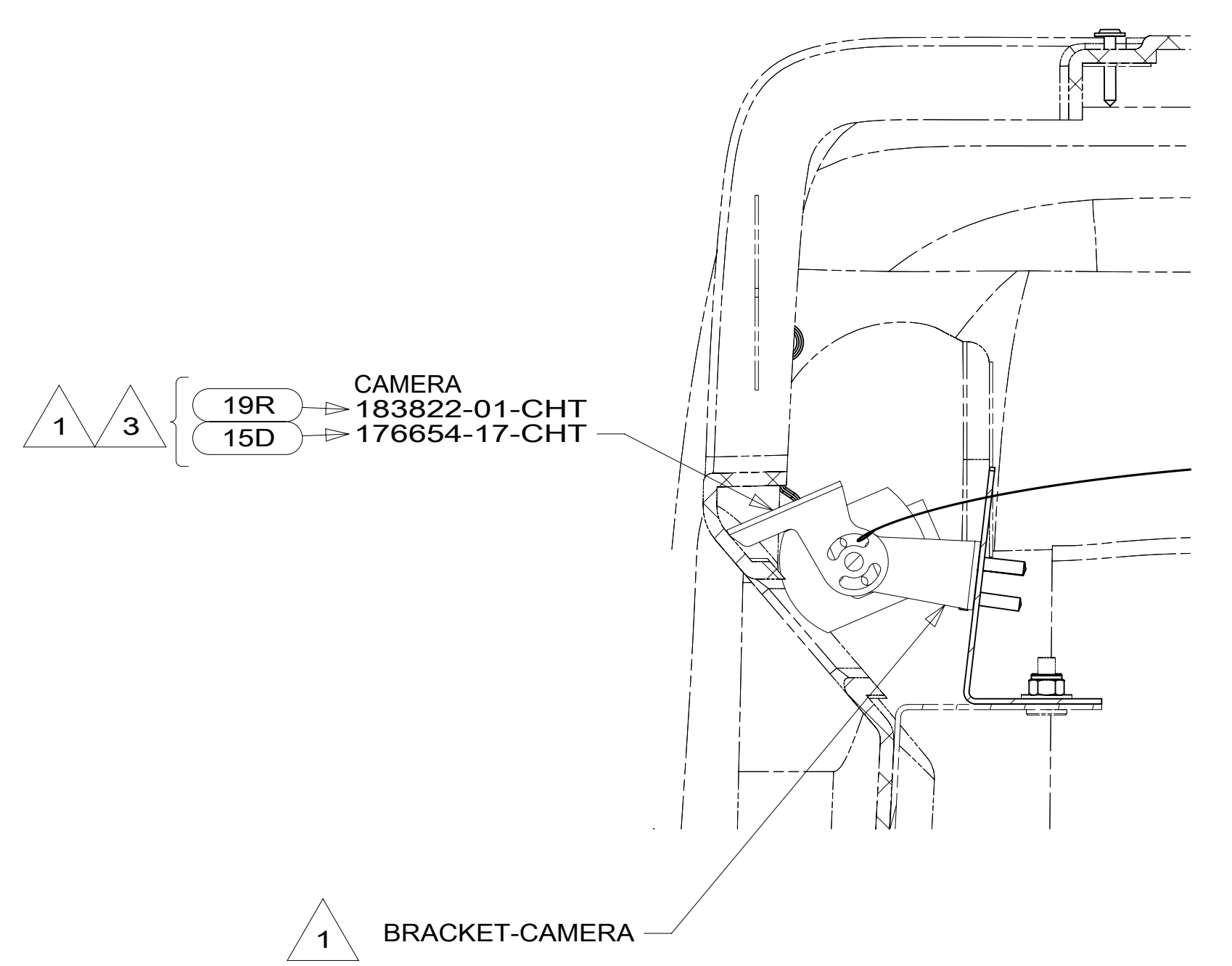
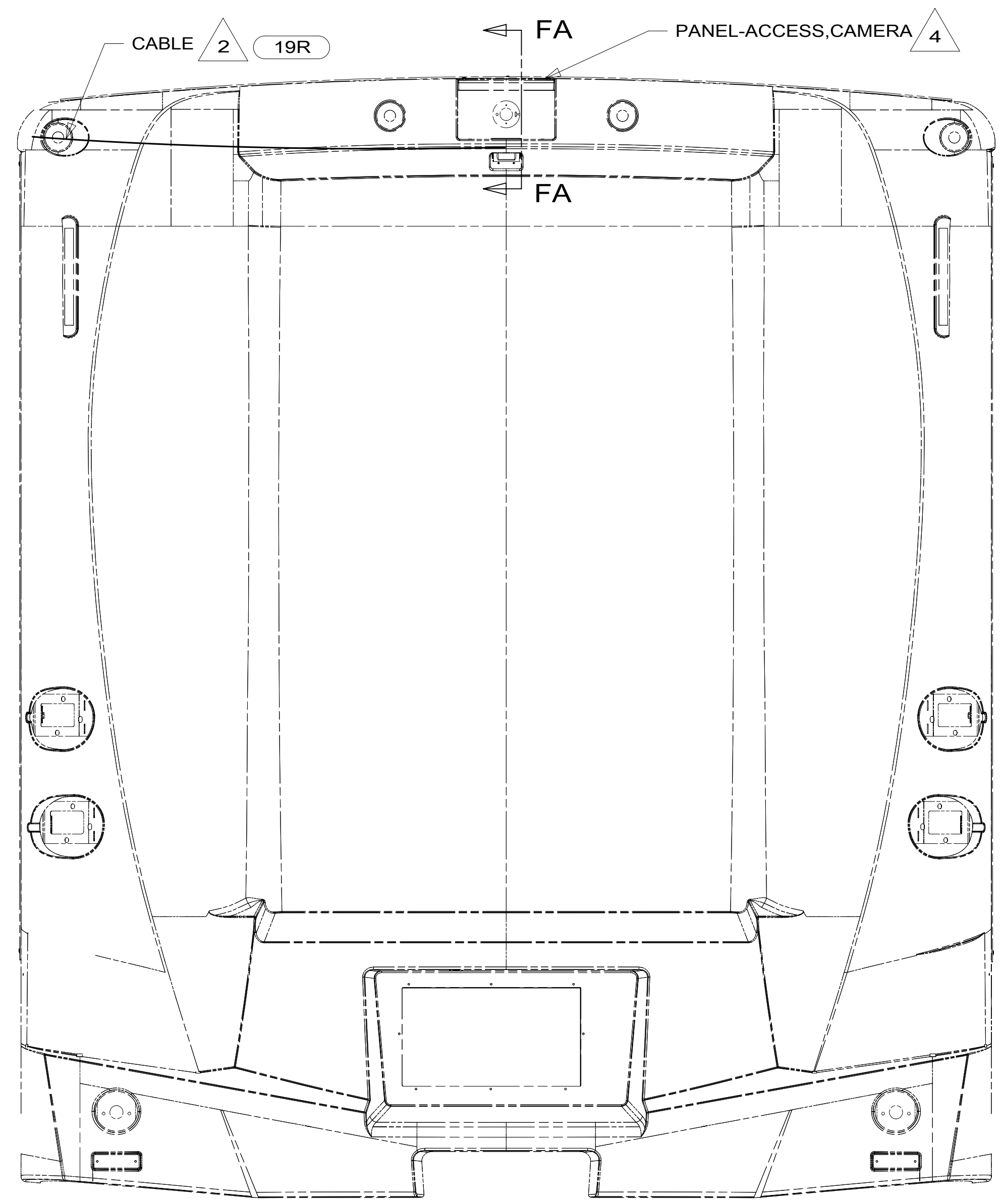
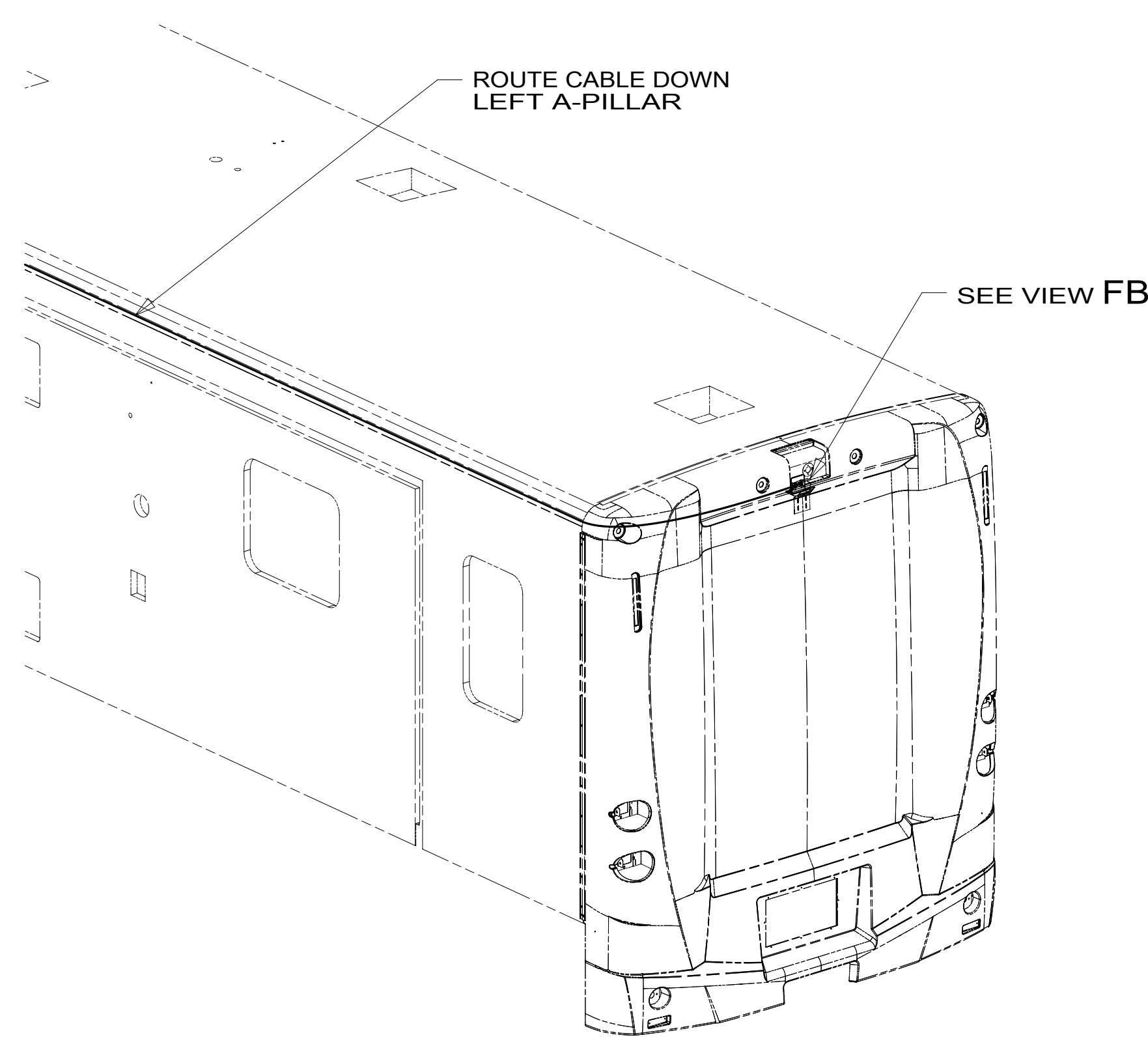
NOTES:

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-FRONT END	
SHEET 5	PART NO 184433 REV
1 21-May-2015	

*184433 *A



VIEW FB

- NOTES:
- 4 SEE PANEL-REAR CAP FOR LOCATION.
 - 3 ALIGN CAMERA IN CENTER OF OPENING AND ADJUST CAMERA VIEWING WO BACKWALL IS JUST VISIBLE IN MONITOR.
 - 2 RUN CABLE THRU LEFT-HAND COVE TO REAR OF UNIT. STANDARD ON ALL UNITS.
 - 1 PARTS SUPPLIED WITH CAMERA.

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

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

- 19R RADIO/REARVIEW MONITOR SYS
- 15D INFOTAINMENT CENTER/GPS
- 19R RADIO/REARVIEW MONITOR SYS
- 265 CODES/STANDARDS-CSA/CMVSS
- 1B1 CODES/STANDARDS USA

FIRST USED	
14 J-SERIES	
DO NOT SCALE DRAWING	
TITLE: WIRING INSTL-FRONT END	
SHEET 6	PART NO 184433 REV
1 21-May-2015	

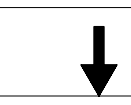
*184433 *A

8

7

6

5



4

3

2

1

D

D

C

C

B

B

A

A

5 { 19R → CABLE-MONITOR/CAMERA
15D → 183822-02-000
180731-02-000

TO CAMERA-SIDE
(PART OF MIRROR)
CABLE-CAMERA
144677-21-000 15D OR 19R

TO RADIO
SEE DETAIL JA

TO CAMERA-SIDE
(PART OF MIRROR)
CABLE-CAMERA
144677-21-000 15D OR 19R

- 19R RADIO/REARVIEW MONITOR SYS
- 15D INFOTAINMENT CENTER/GPS
- 19R RADIO/REARVIEW MONITOR SYS
- 74L VIDEO CAMERA SYS W/COLOR MON
- 265 CODES/STANDARDS-CSA/CMVSS
- 1B1 CODES/STANDARDS USA

FIRST USED	
14 J-SERIES	
DO NOT SCALE DRAWING	
TITLE: WIRING INSTL-FRONT END	
SHEET 7	PART NO 184433 REV

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

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

- NOTES:
- 5 RUN CABLE FROM REAR CAMERA THRU LEFT HAND COVE TO FRONT OF UNIT AND DOWN LEFT A-PILLAR TO MONITOR.
 - 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.

8

7

6

5



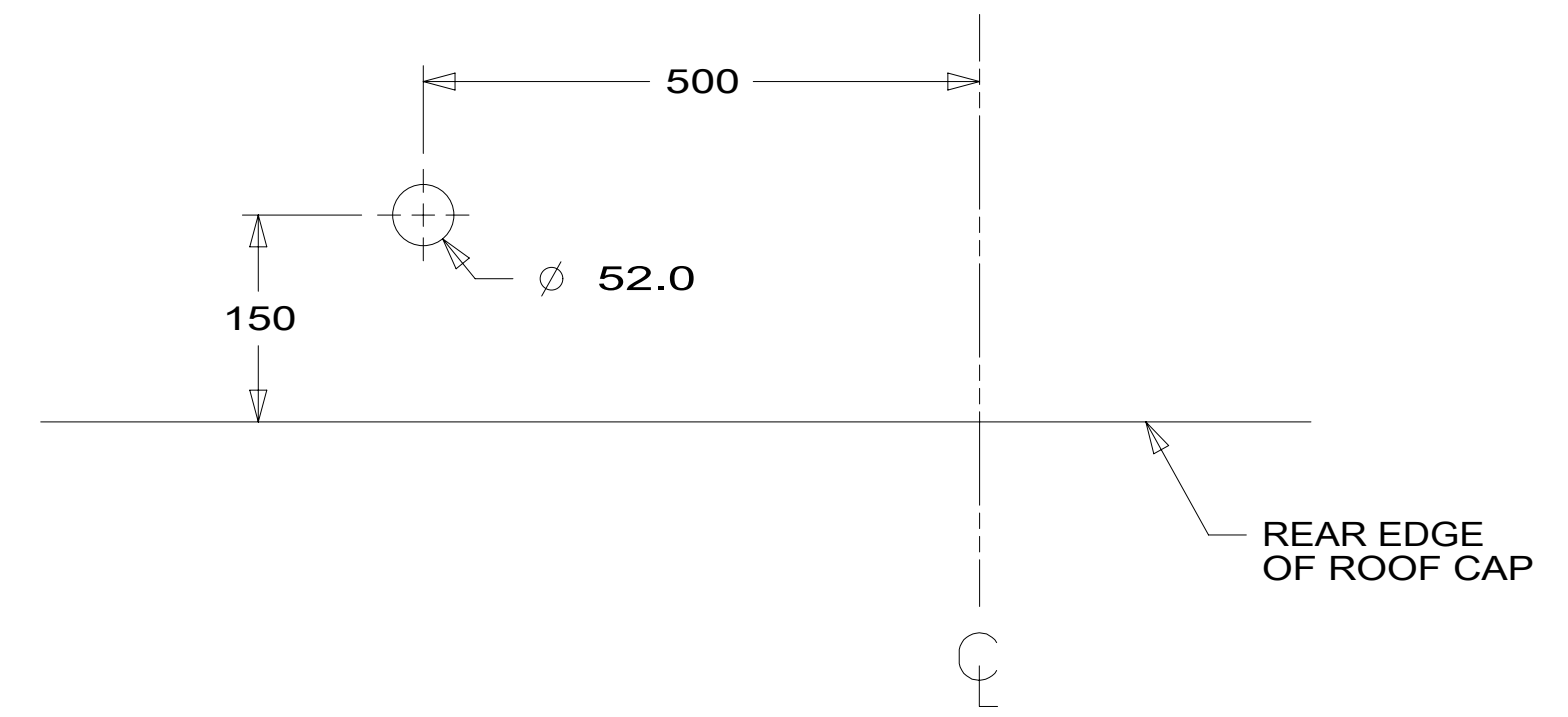
4

3

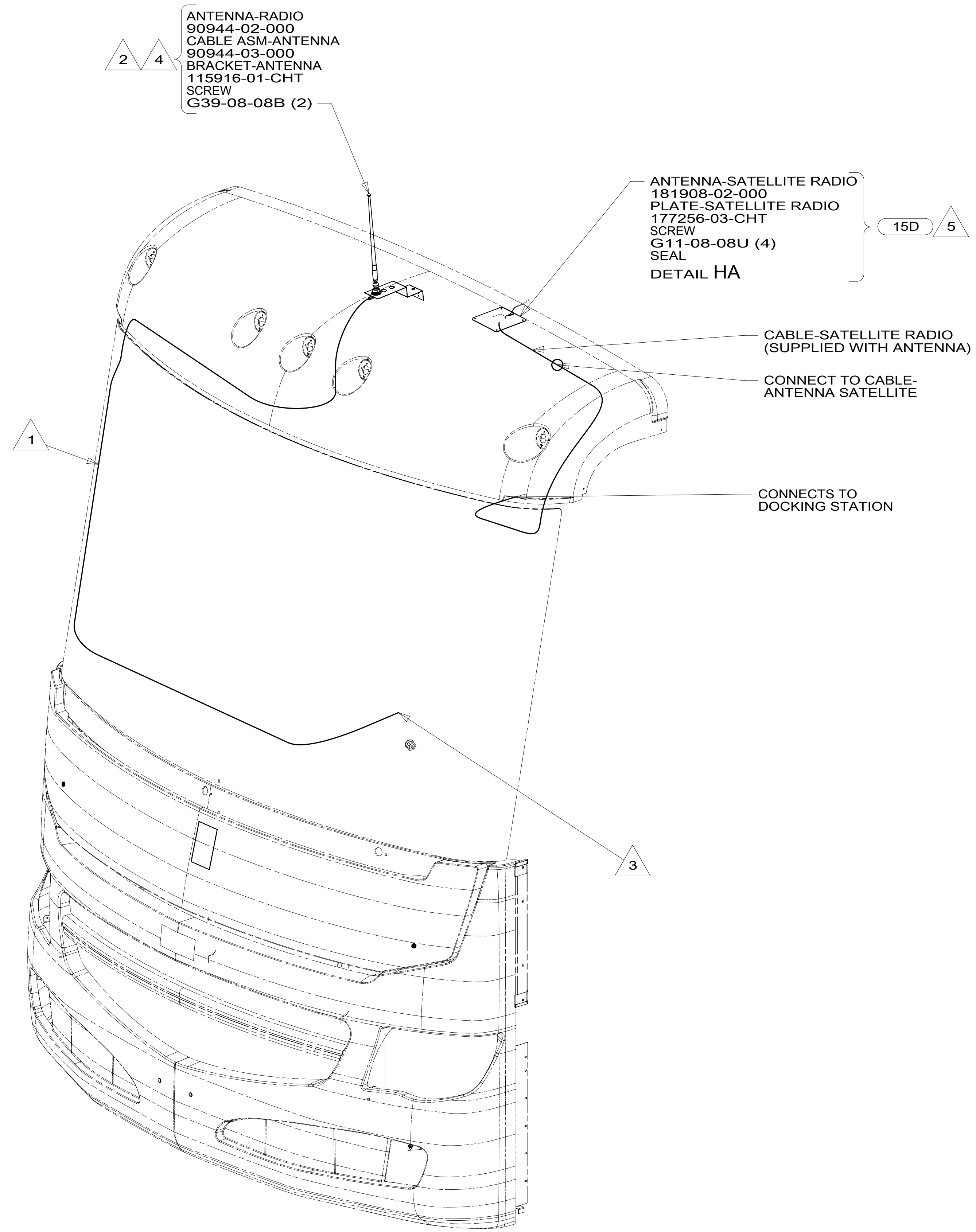
2

1

*184433 *A



DETAIL HA



- 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.

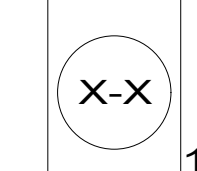
NOTES:

- 15D INFOTAINMENT CENTER/GPS
- 70C RADIO - SATELLITE
- 265 CODES/STANDARDS-CSA/CMVSS
- 1B1 CODES/STANDARDS USA

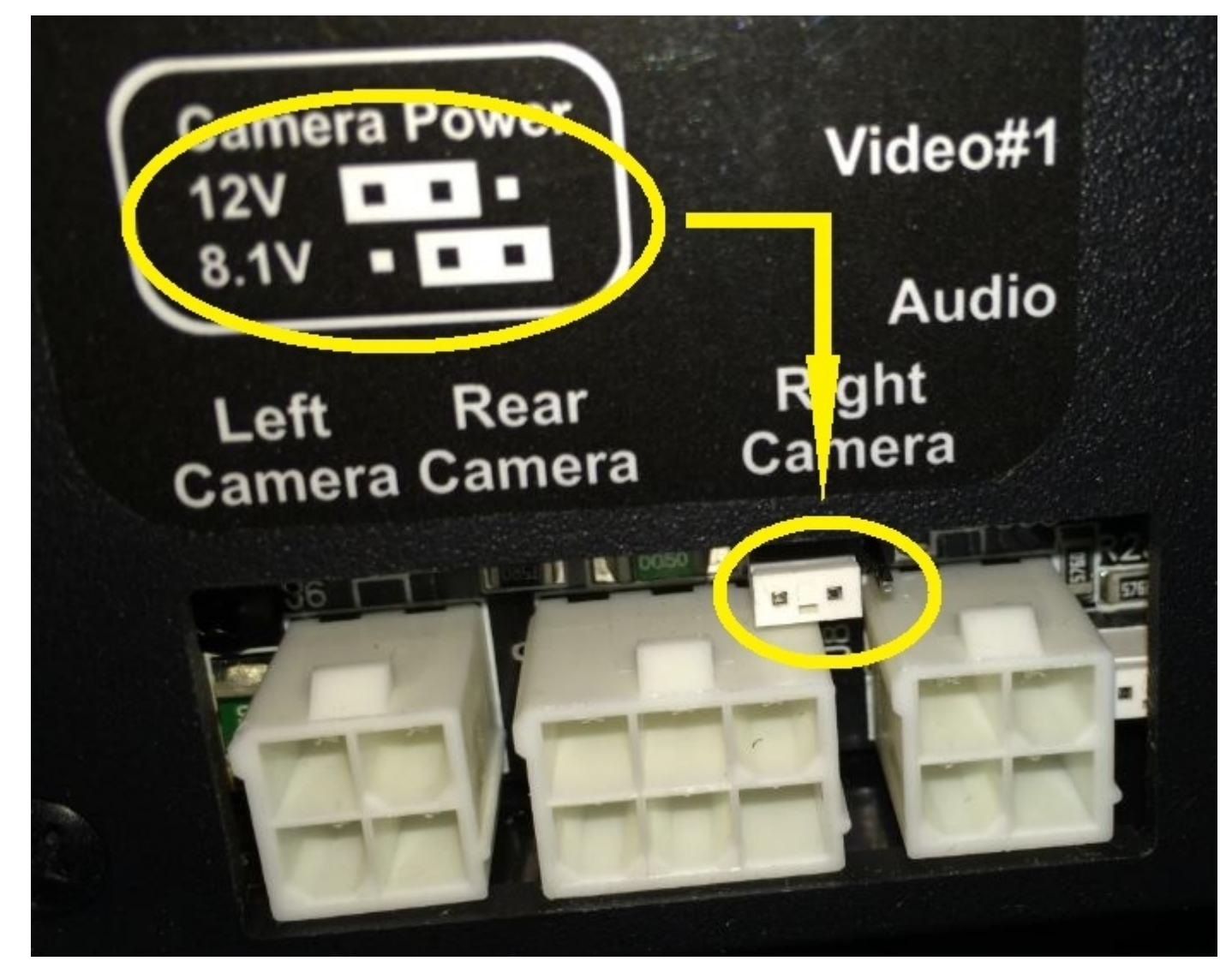
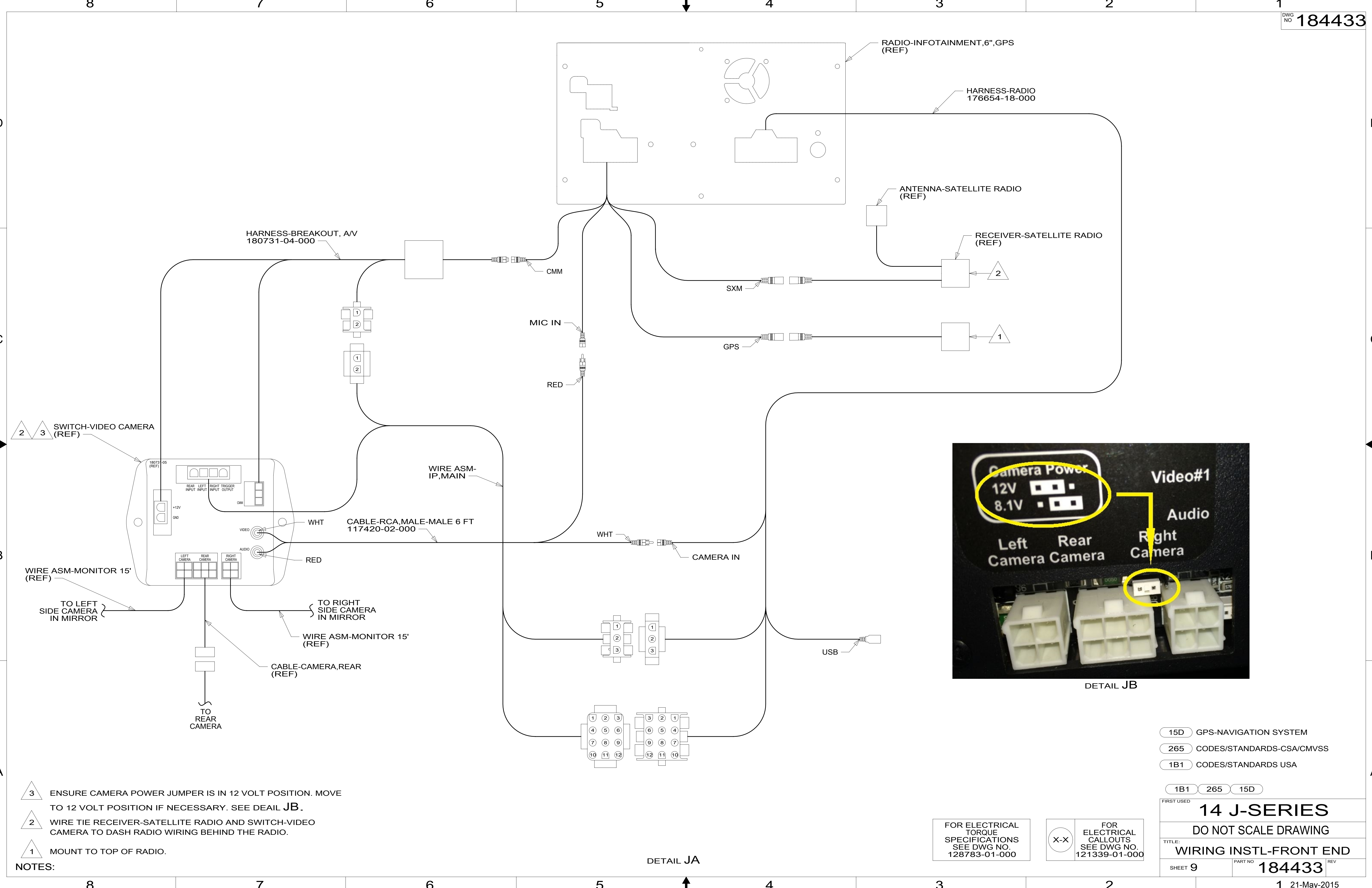
FIRST USED	
14 J-SERIES	
DO NOT SCALE DRAWING	
TITLE: WIRING INSTL-FRONT END	
SHEET 8	PART NO 184433 REV

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

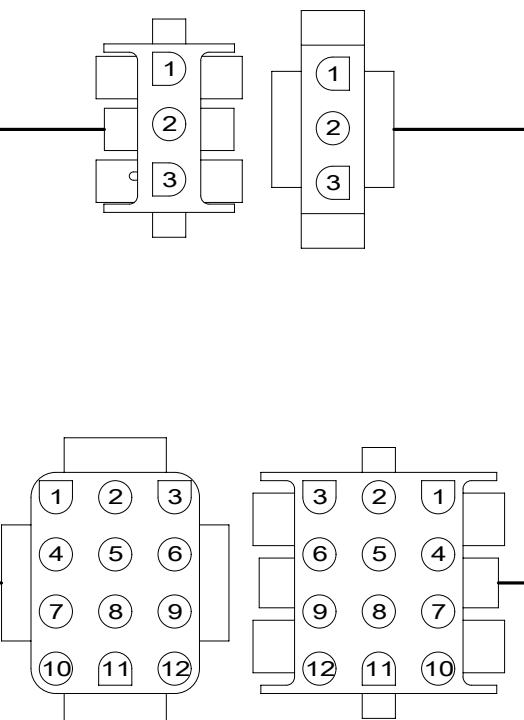
FOR ELECTRICAL CALLOUTS SEE DWG NO. 121339-01-000



*184433 *A



DETAIL JB



DETAIL JA

- NOTES:
- 3 ENSURE CAMERA POWER JUMPER IS IN 12 VOLT POSITION. MOVE TO 12 VOLT POSITION IF NECESSARY. SEE DEAL JB.
 - 2 WIRE TIE RECEIVER-SATELLITE RADIO AND SWITCH-VIDEO CAMERA TO DASH RADIO WIRING BEHIND THE RADIO.
 - 1 MOUNT TO TOP OF RADIO.

- 15D GPS-NAVIGATION SYSTEM
- 265 CODES/STANDARDS-CSA/CMVSS
- 1B1 CODES/STANDARDS USA

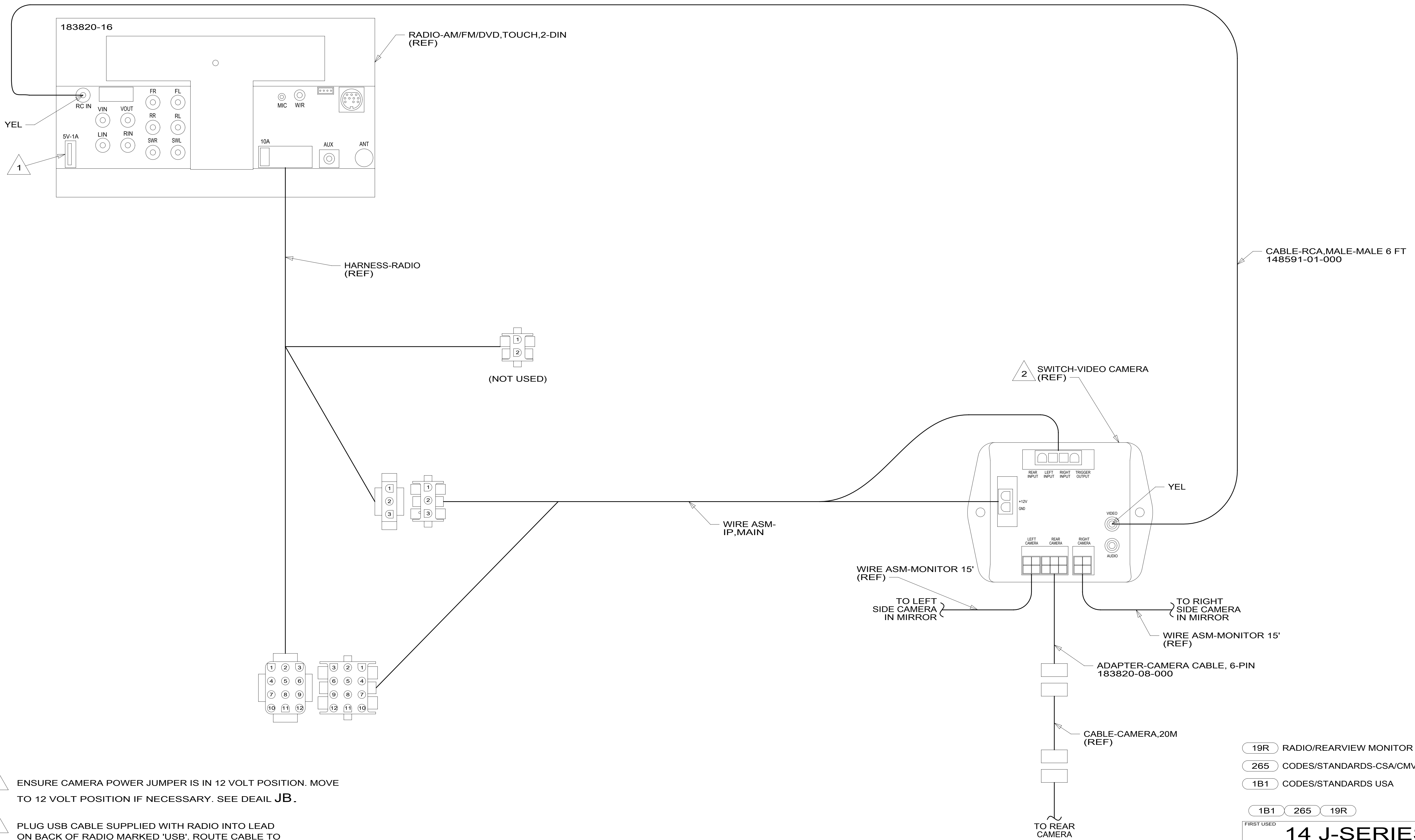
1B1 265 15D

FIRST USED	
14 J-SERIES	
DO NOT SCALE DRAWING	
TITLE: WIRING INSTL-FRONT END	
SHEET 9	PART NO 184433 REV

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

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

*184433*A



2 ENSURE CAMERA POWER JUMPER IS IN 12 VOLT POSITION. MOVE TO 12 VOLT POSITION IF NECESSARY. SEE DEAIL **JB**.

1 PLUG USB CABLE SUPPLIED WITH RADIO INTO LEAD ON BACK OF RADIO MARKED 'USB'. ROUTE CABLE TO THE LEFT OF RADIO. WIRE TIE EXCESS CABLE UNDER DASH IN THE AREA LEFT OF THE RADIO. LEAVE 200 MM OF CABLE IN THE MOTOR COVER BEVERAGE TRAY. MAKE SURE CABLE DOES NOT GET PINCHED BY MOTOR COVER.

NOTES:

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

1B1 265 19R

FIRST USED

14 J-SERIES

DO NOT SCALE DRAWING

TITLE: **WIRING INSTL-FRONT END**

SHEET 10 PART NO **184433** REV

1 21-May-2015

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

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

*184433 *A