



**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.

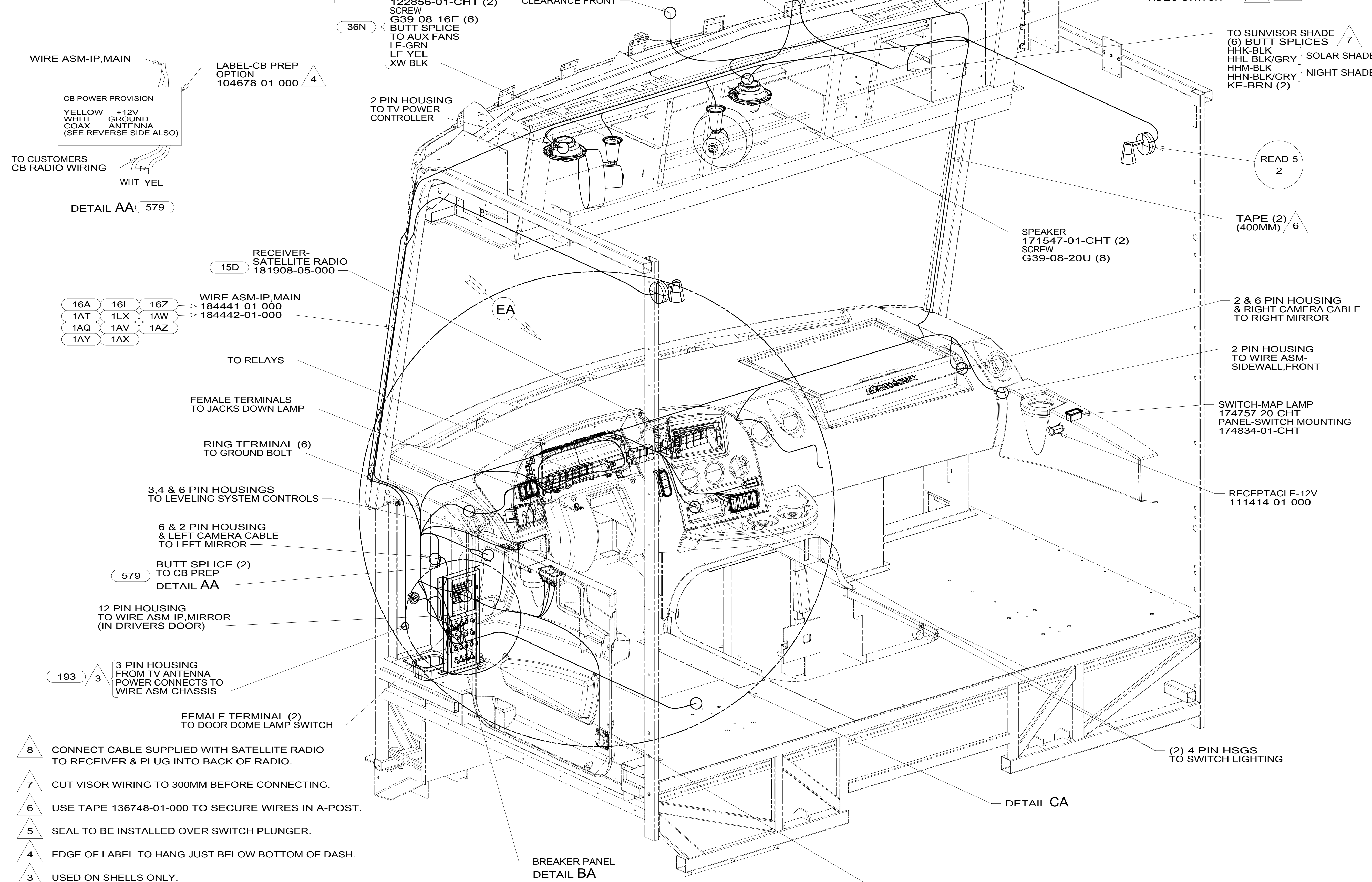


**CAUTION**

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	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).
- NOTES:
- 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

**WINNEBAGO** COPYRIGHT 2014 WINNEBAGO INDUSTRIES, INC.

ALL DIMENSIONS ARE IN MILLIMETERS

**14 J-SERIES**

UNSPECIFIED TOLERANCES ARE:

WHOLE DIM (X)	: 3
ONE-PLACE (X.X)	: 1.5
TWO-PLACE (X.XX)	: 0.50
ANGLE	: 1°

DO NOT SCALE DRAWING REFER TO ES0018 FOR FASTENER TIGHTENING GUIDELINES

TITLE: **WIRING INSTL-FRONT END**

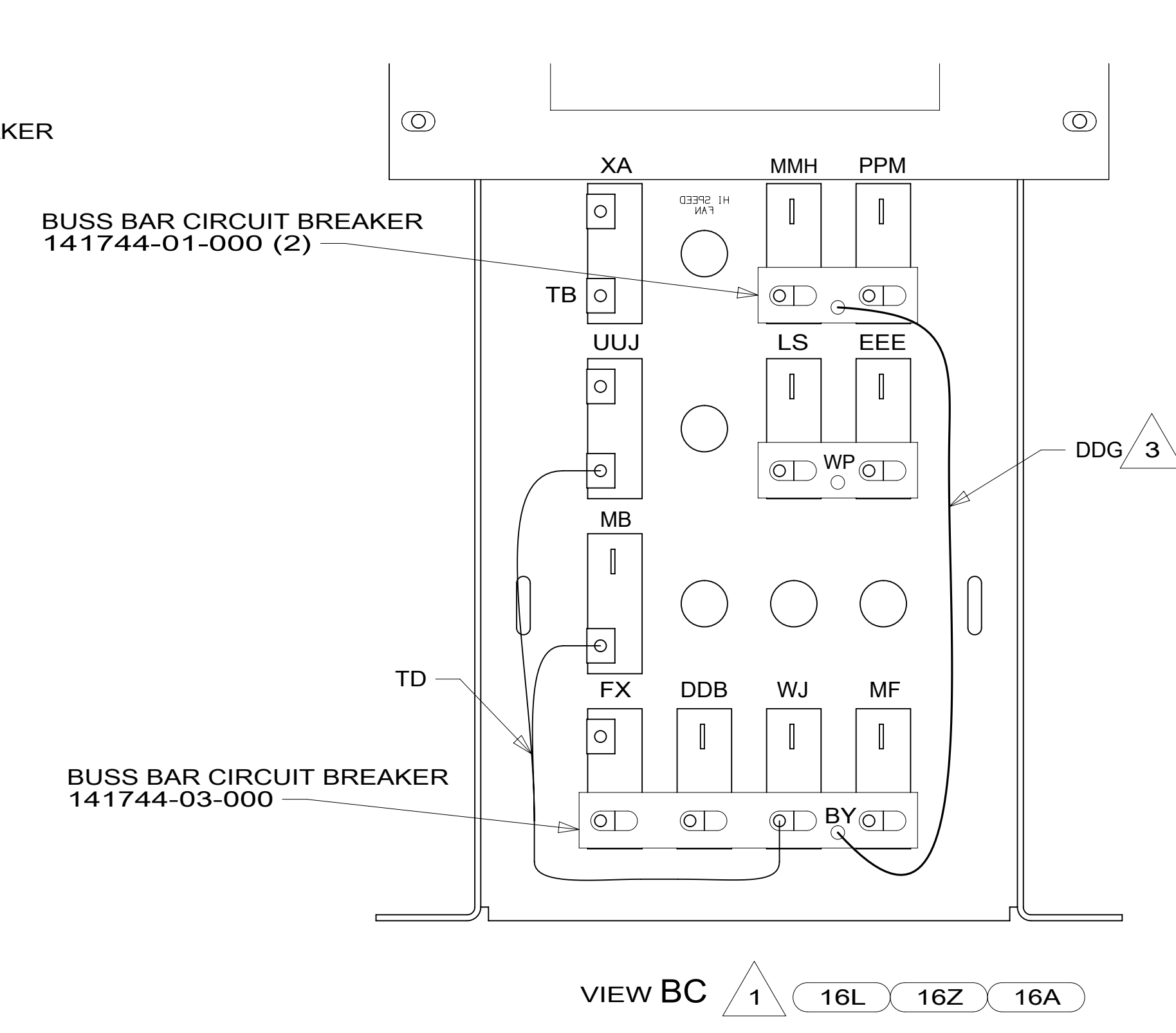
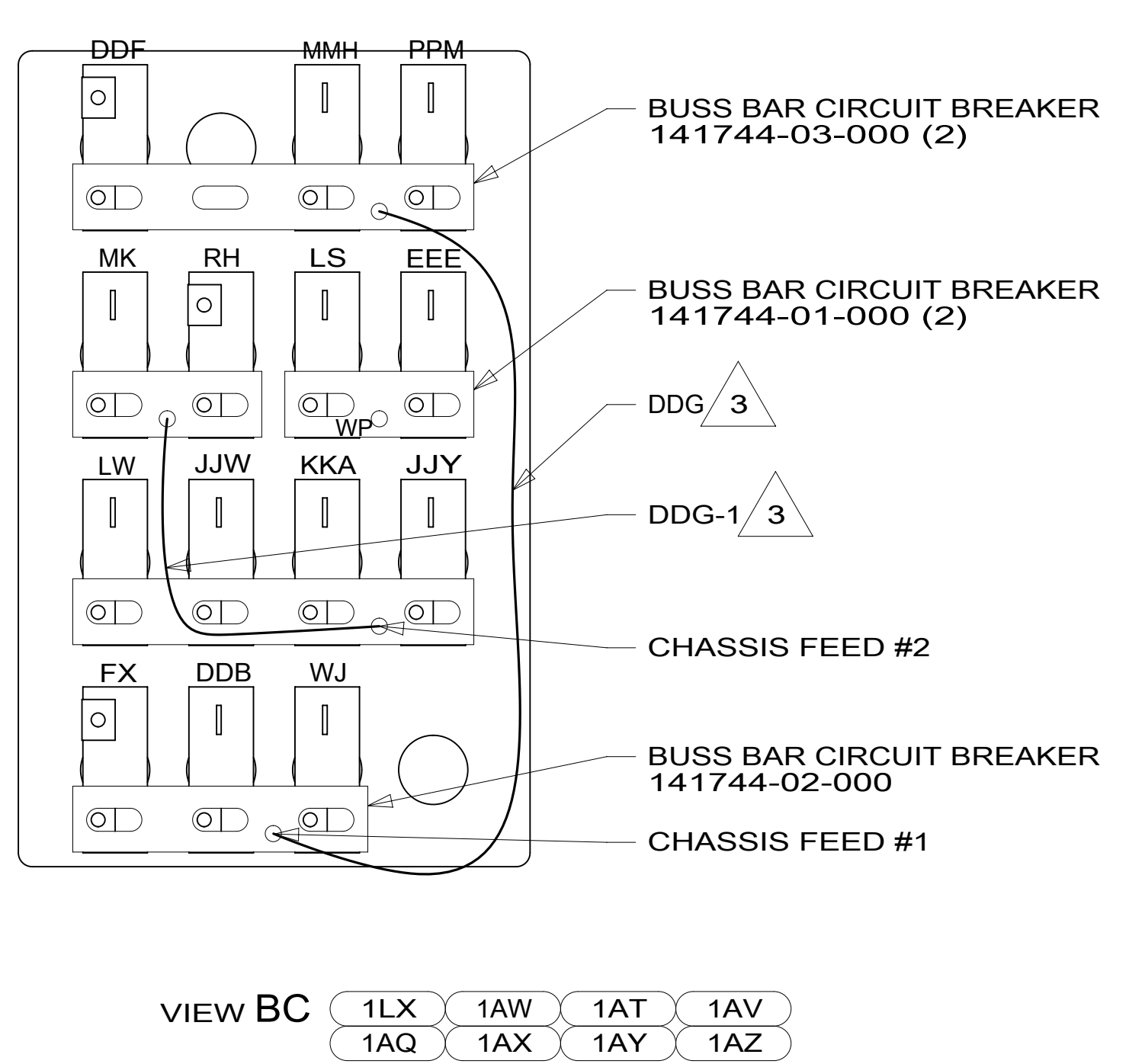
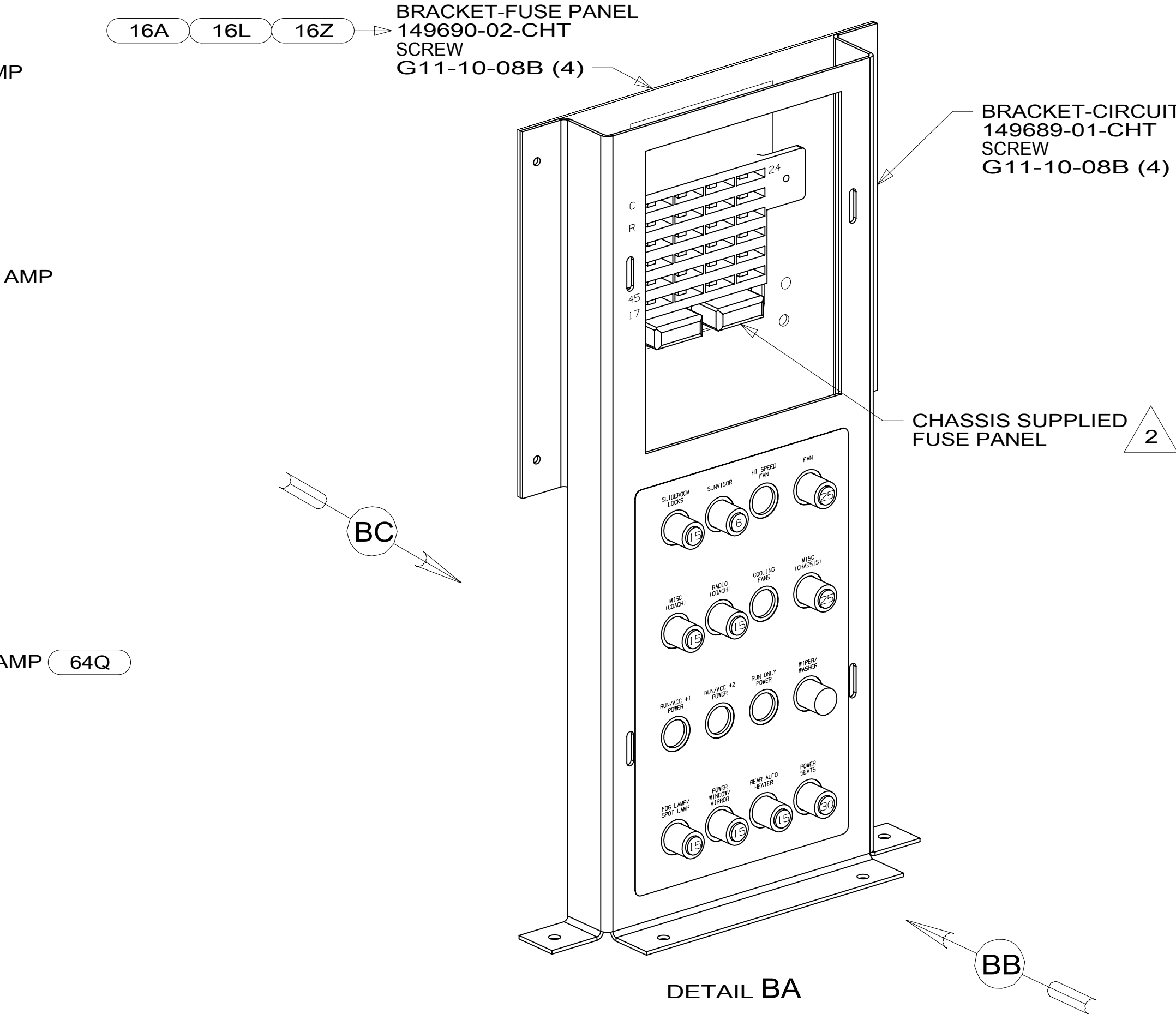
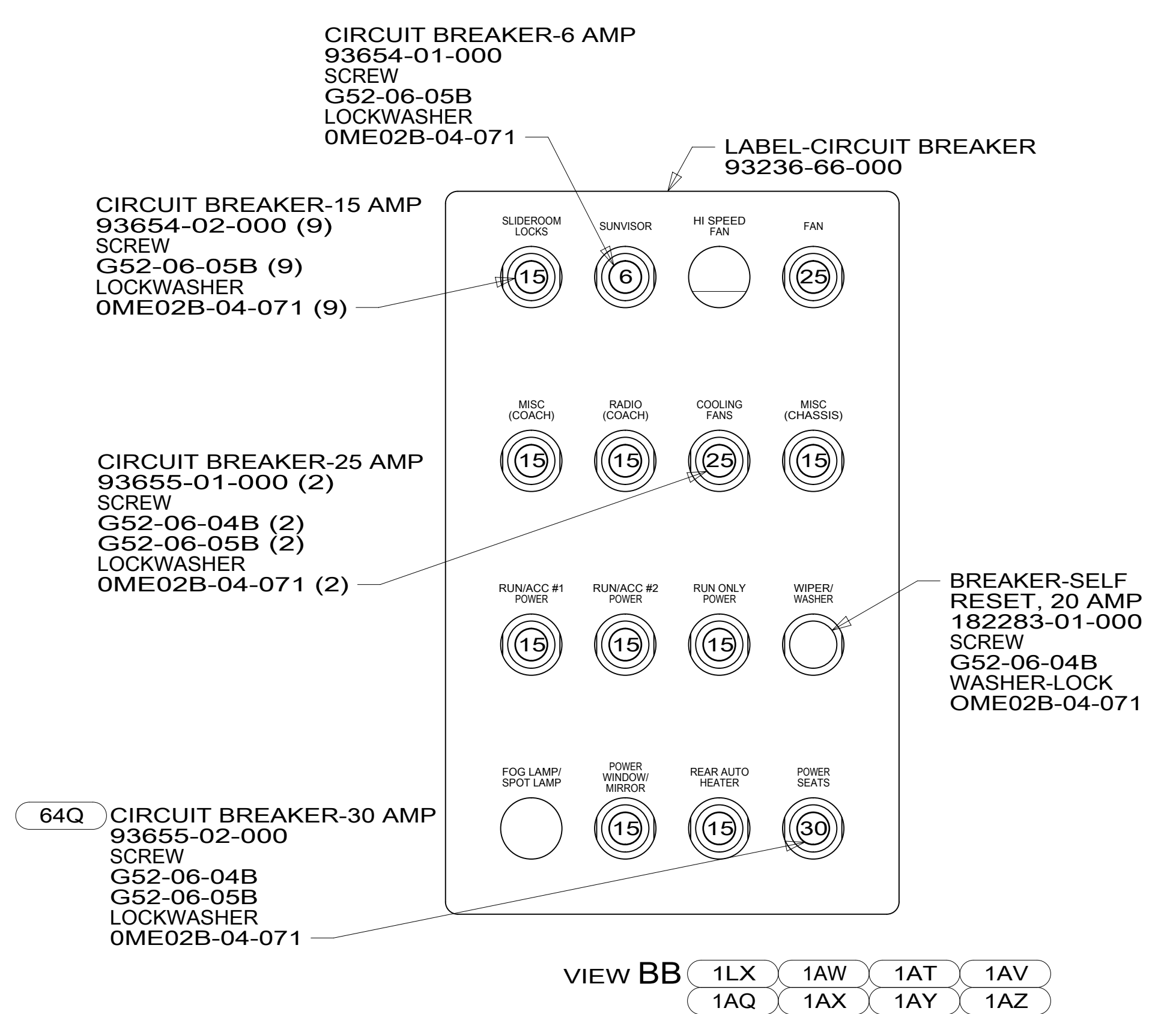
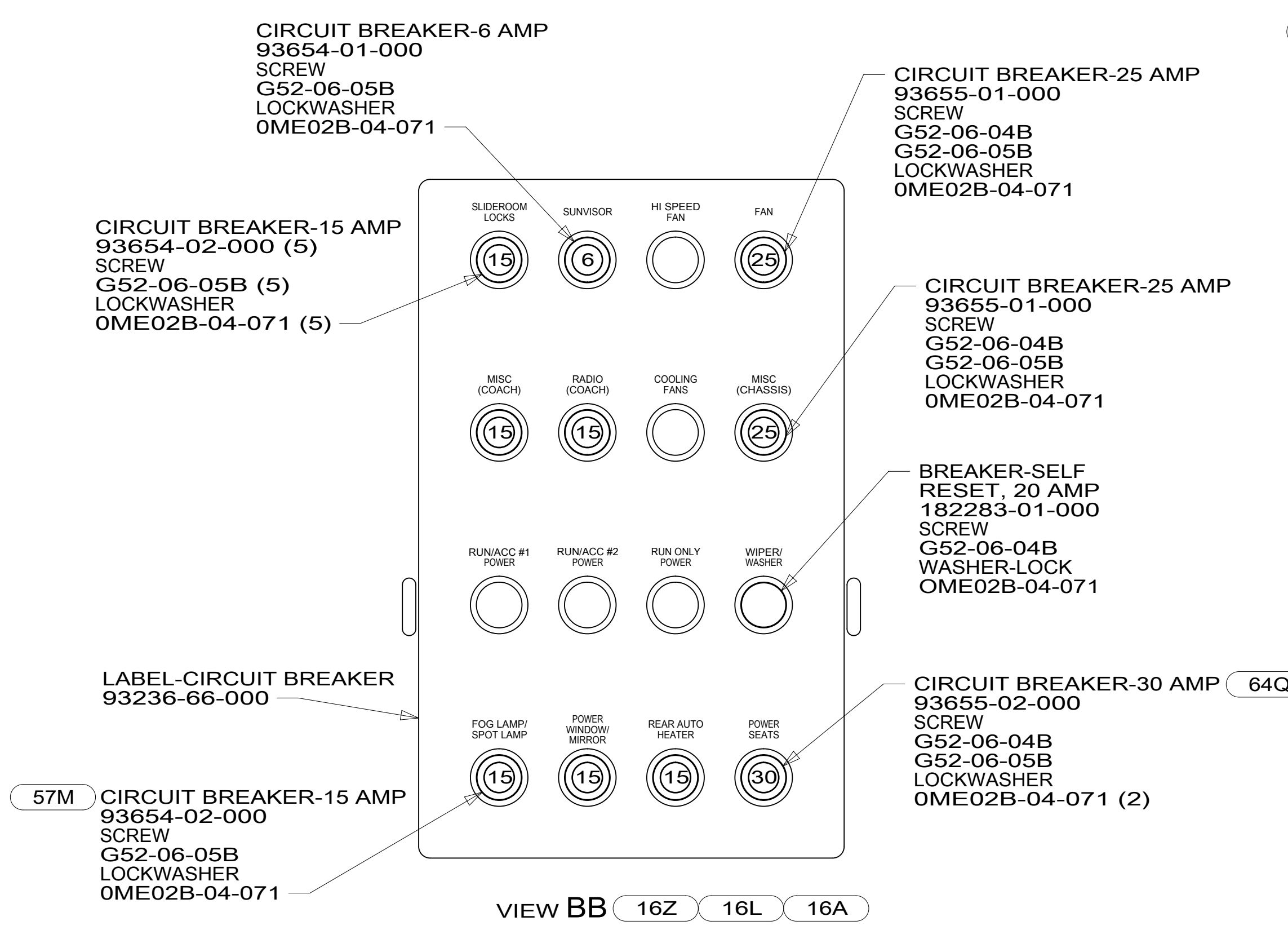
SHEET 1 OF 10 PART NO **184433** REV

REF: 1 19-Feb-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

19-Feb-2015

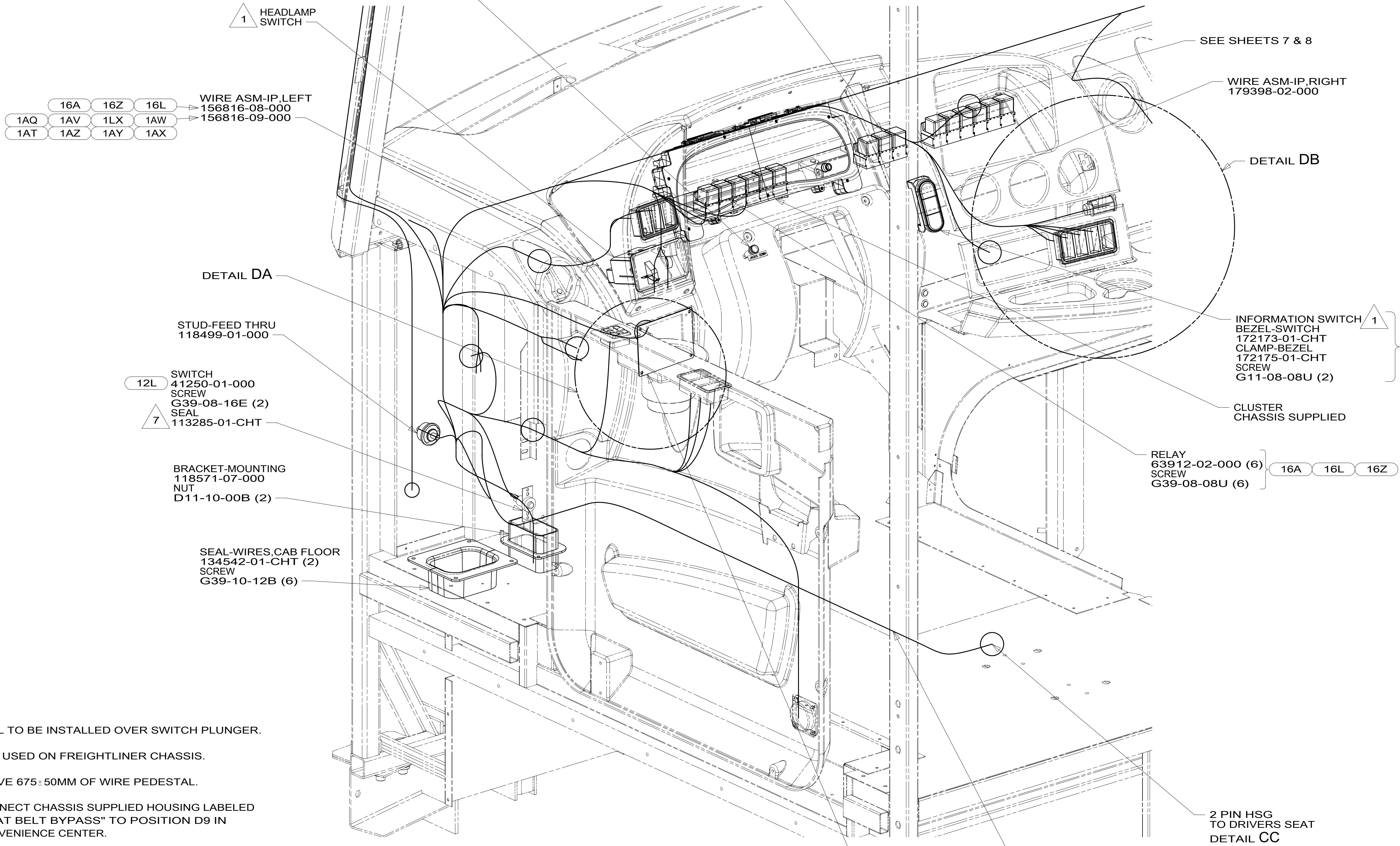
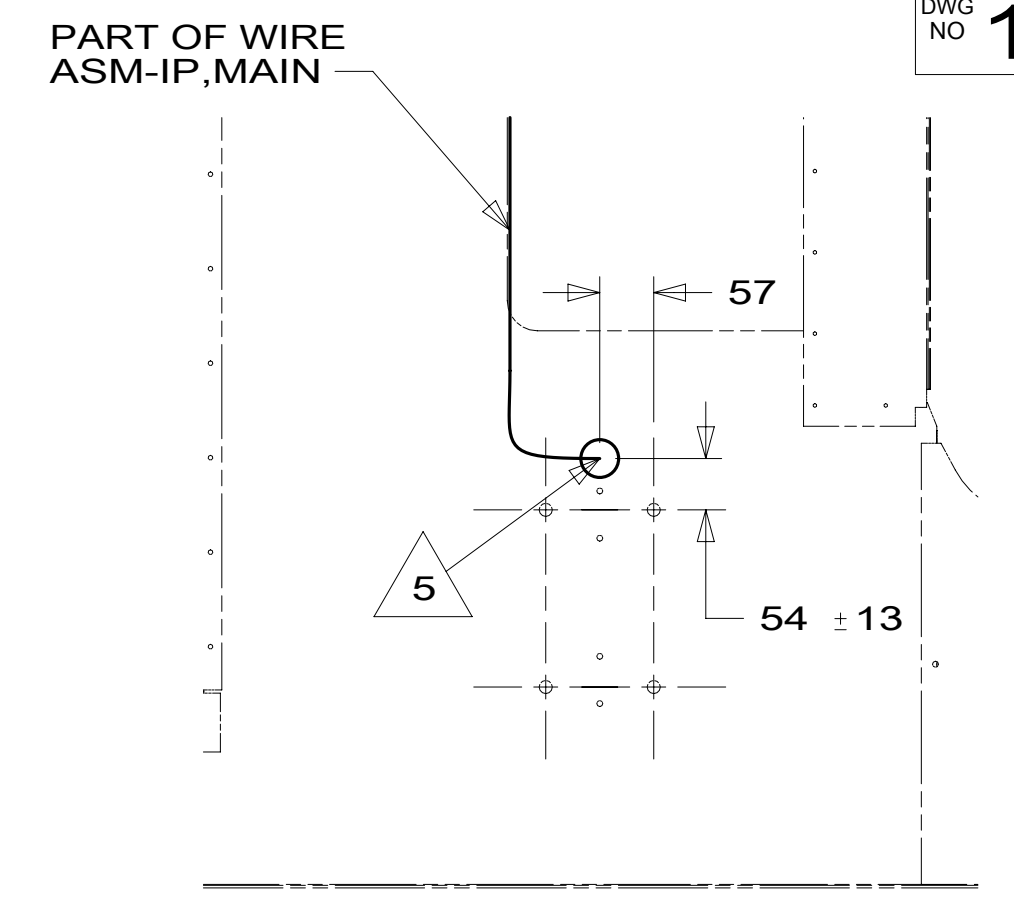
\* 184433 \*



- 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



- 16Z 16L 16A

- 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

FIRST USED

## 14 J-SERIES

DO NOT SCALE DRAWING

TITLE: **WIRING INSTL-FRONT END**

SHEET 3 PART NO **184433** REV

19-Feb-2015

- 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

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

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

DETAIL CA

SEE SHEETS 7 & 8

WIRE ASM-IP,RIGHT 179398-02-000

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

\*184433\*



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) 6

PLATE ASM-  
MOUNTING,HDLP SW  
189004-02-CHT 7

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

HARNESS  
183820-19-000

19R

RADIO-INFOTAINMENT,6"  
190062-01-000

SENSOR-TEMPERATURE  
176654-13-000 5

REMOTE-NAVIGATION/RADIO  
176654-04-000

15D 3

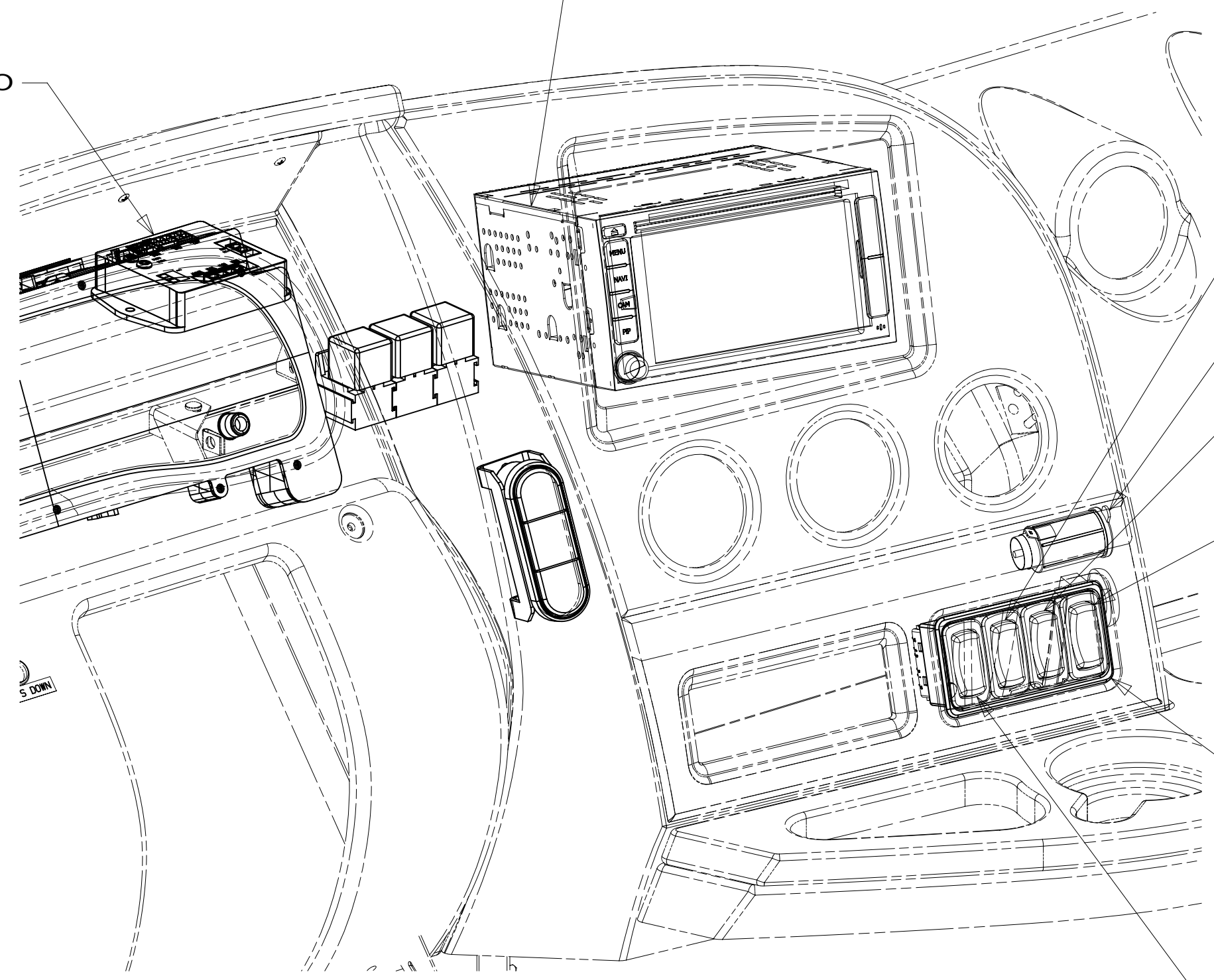
MOUNT-RADIO  
186048-01-CHT

186048-02-CHT

STRAP-RADIO  
186046-01-000

15D SWITCH-VIDEO CAMERA  
180731-05-000  
SEE SHT 9 FOR ADDITIONAL INFO

19R SWITCH-VIDEO CAMERA  
180731-07-000  
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 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

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

NOTES:

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

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

- 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

1B1 265

FIRST USED

**14 J-SERIES**

DO NOT SCALE DRAWING

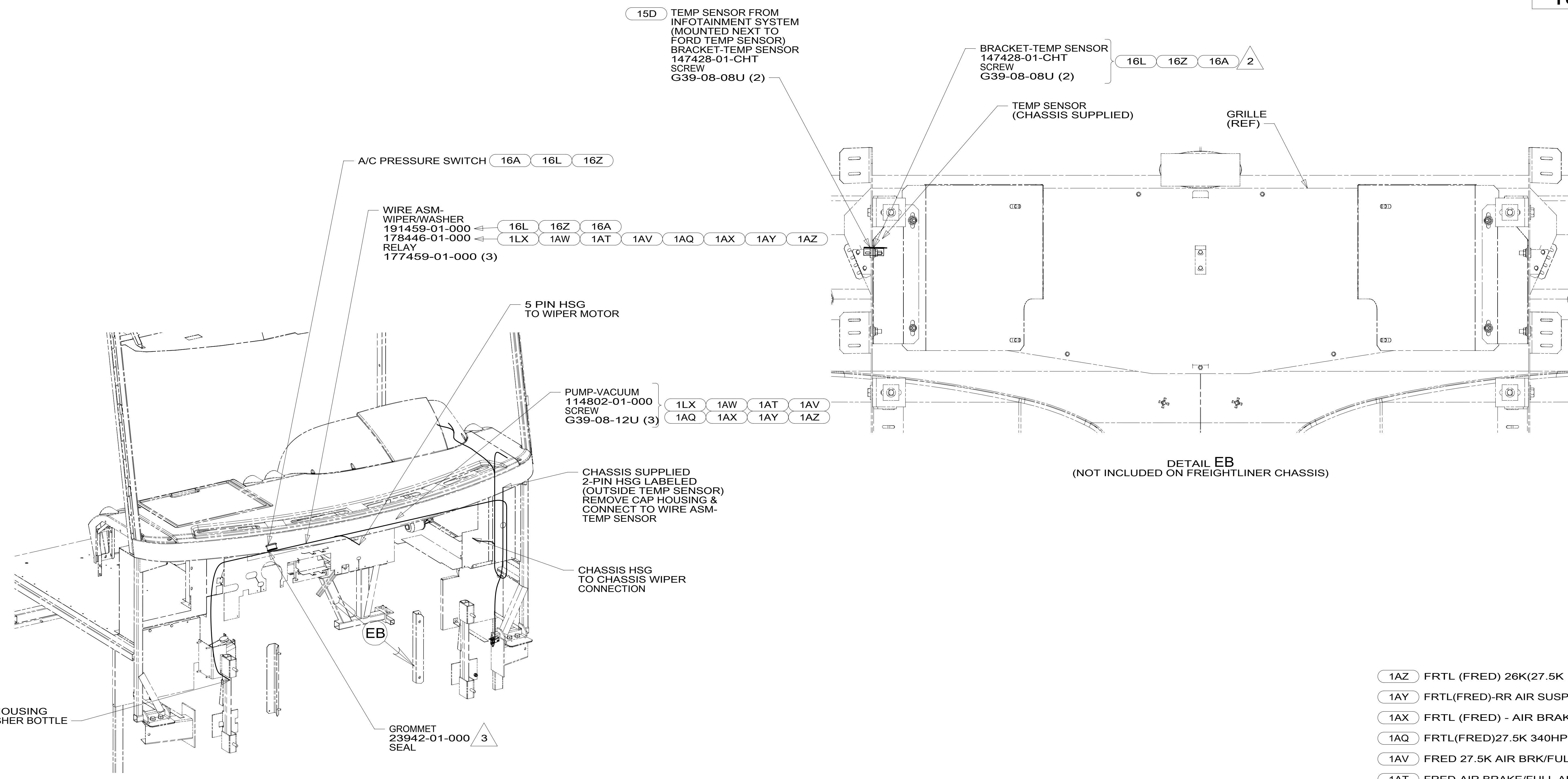
TITLE: **WIRING INSTL-FRONT END**

SHEET 4 PART NO **184433** REV

19-Feb-2015

\*184433\*





DETAIL EA

DETAIL EB  
(NOT INCLUDED ON FREIGHTLINER CHASSIS)

- 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.

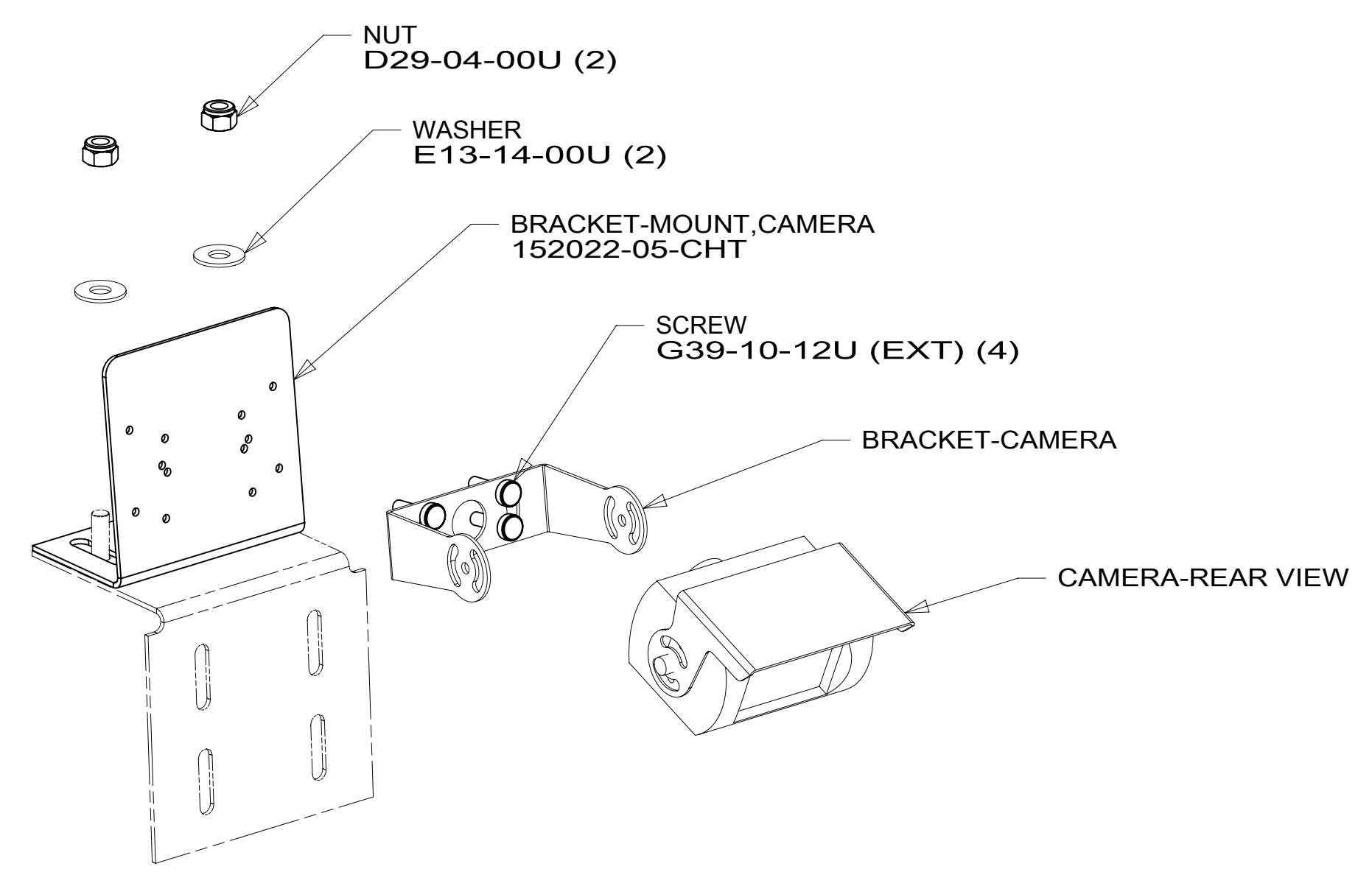
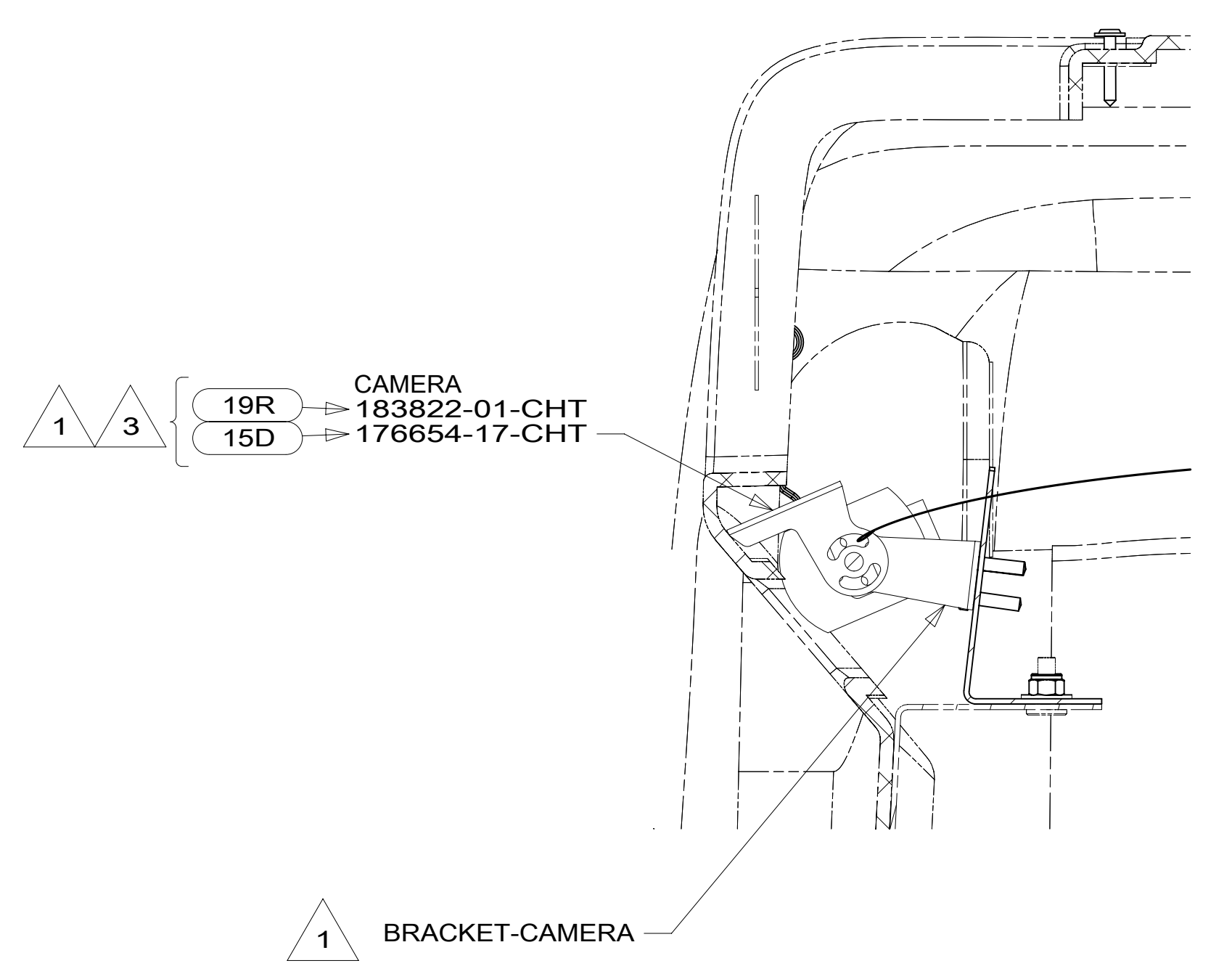
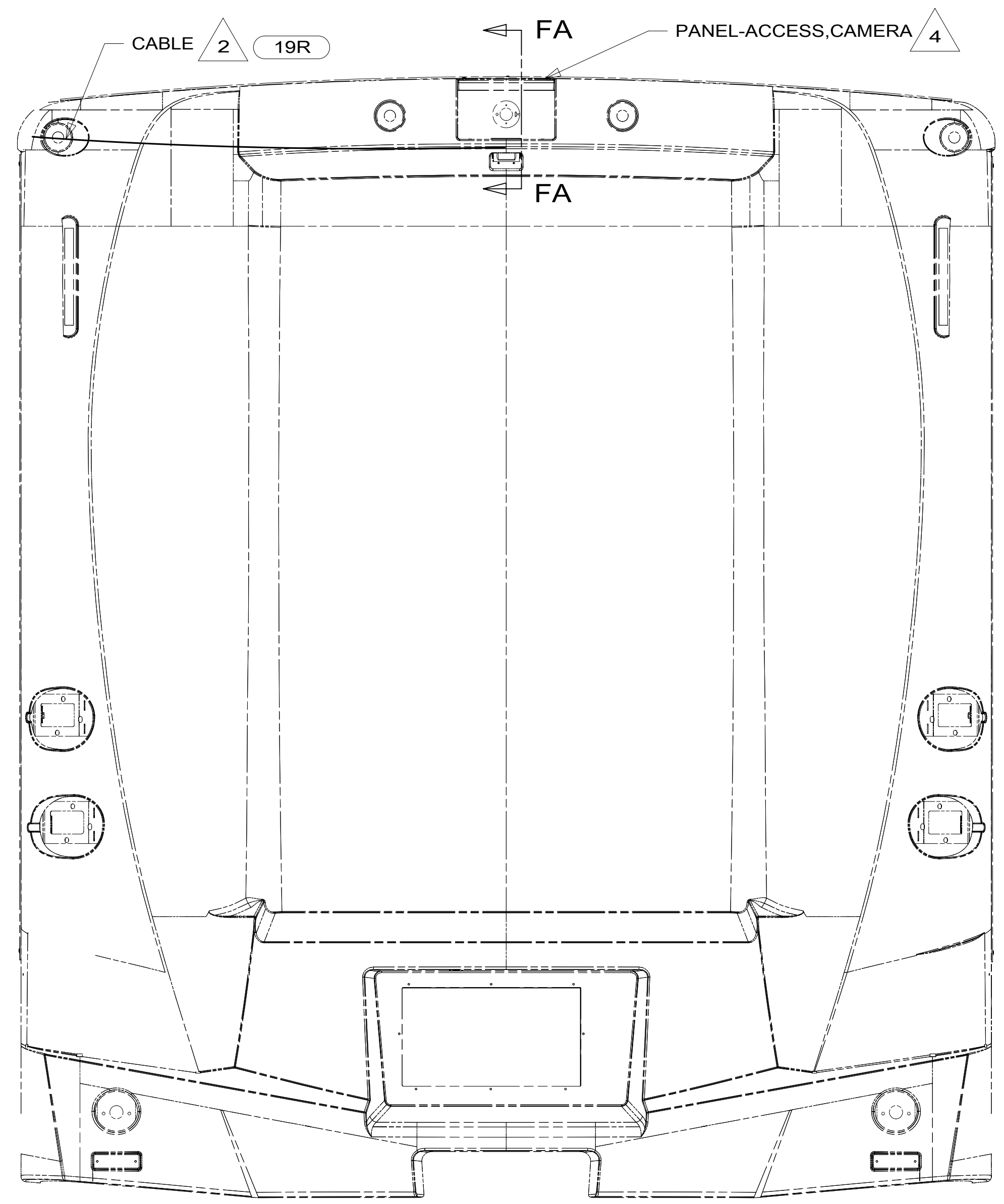
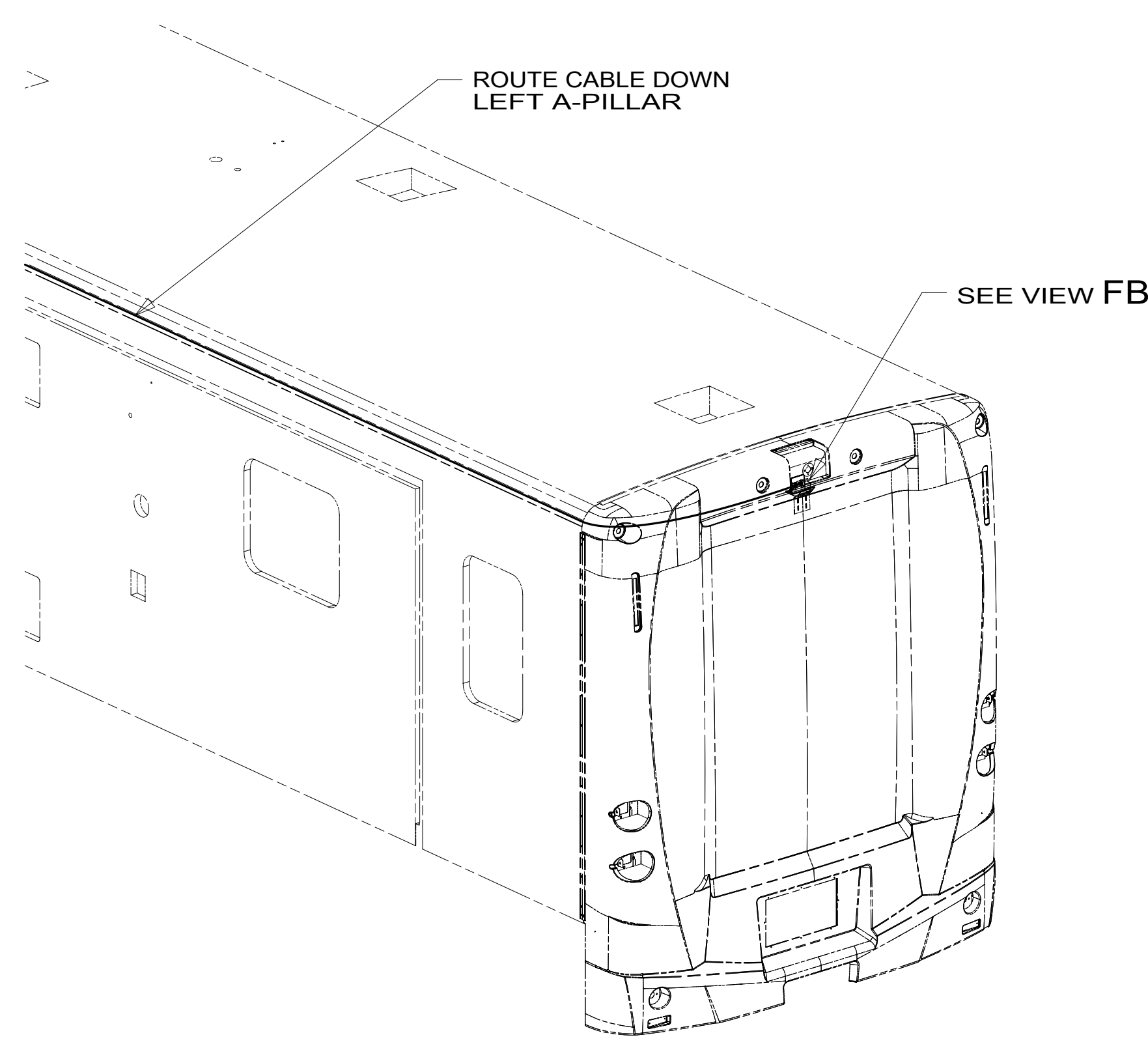
NOTES:

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

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

FIRST USED	
<b>14 J-SERIES</b>	
DO NOT SCALE DRAWING	
TITLE: <b>WIRING INSTL-FRONT END</b>	
SHEET 5	PART NO <b>184433</b> REV
19-Feb-2015	

\*184433\*



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.

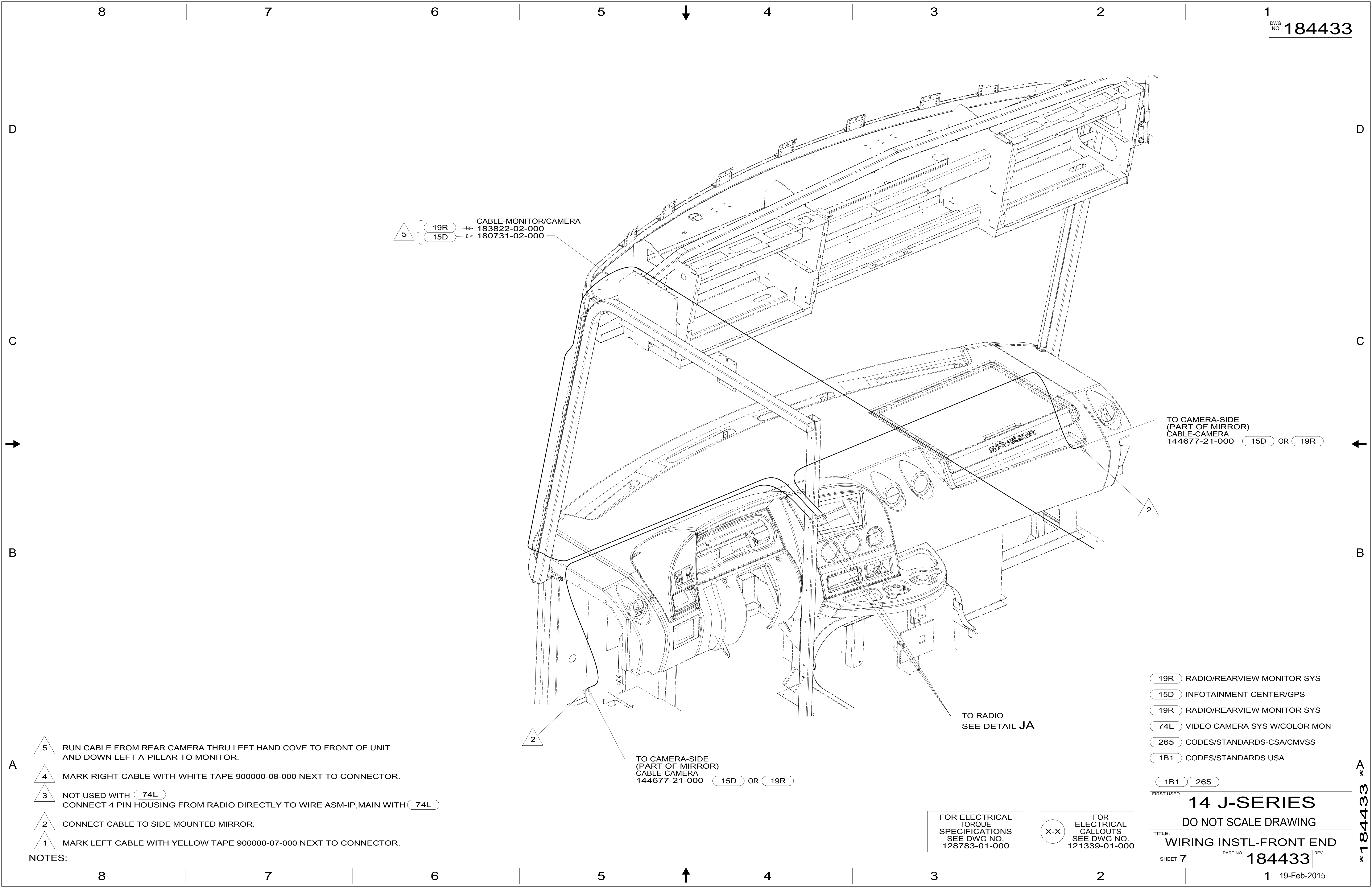
FOR ELECTRICAL TORQUE SPECIFICATIONS SEE DWG NO. 128783-01-000

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 19-Feb-2015	

\*184433 \*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

- 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.

- 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	
<b>14 J-SERIES</b>	
DO NOT SCALE DRAWING	
TITLE: <b>WIRING INSTL-FRONT END</b>	
SHEET 7	PART NO. <b>184433</b> REV
1 19-Feb-2015	

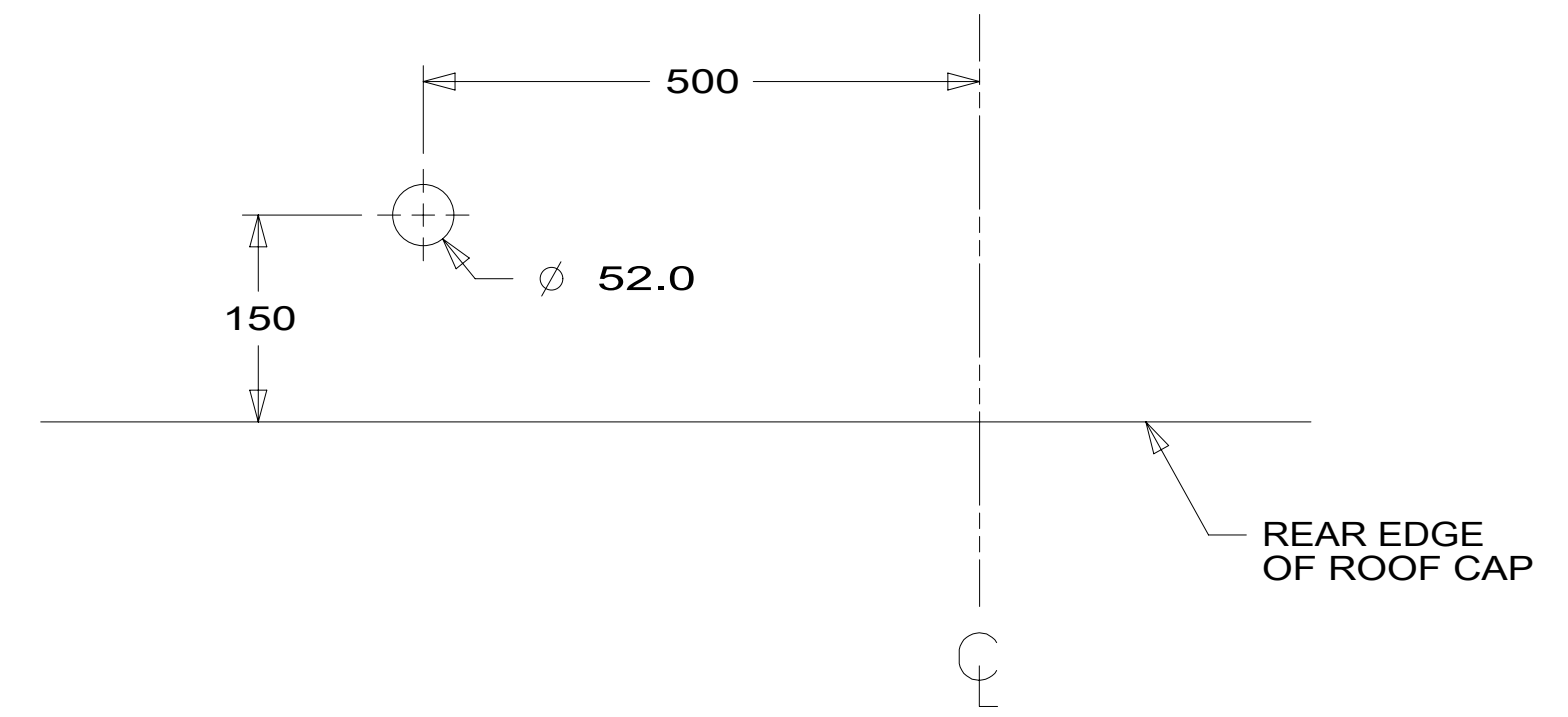
FOR ELECTRICAL  
TORQUE  
SPECIFICATIONS  
SEE DWG NO.  
128783-01-000

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

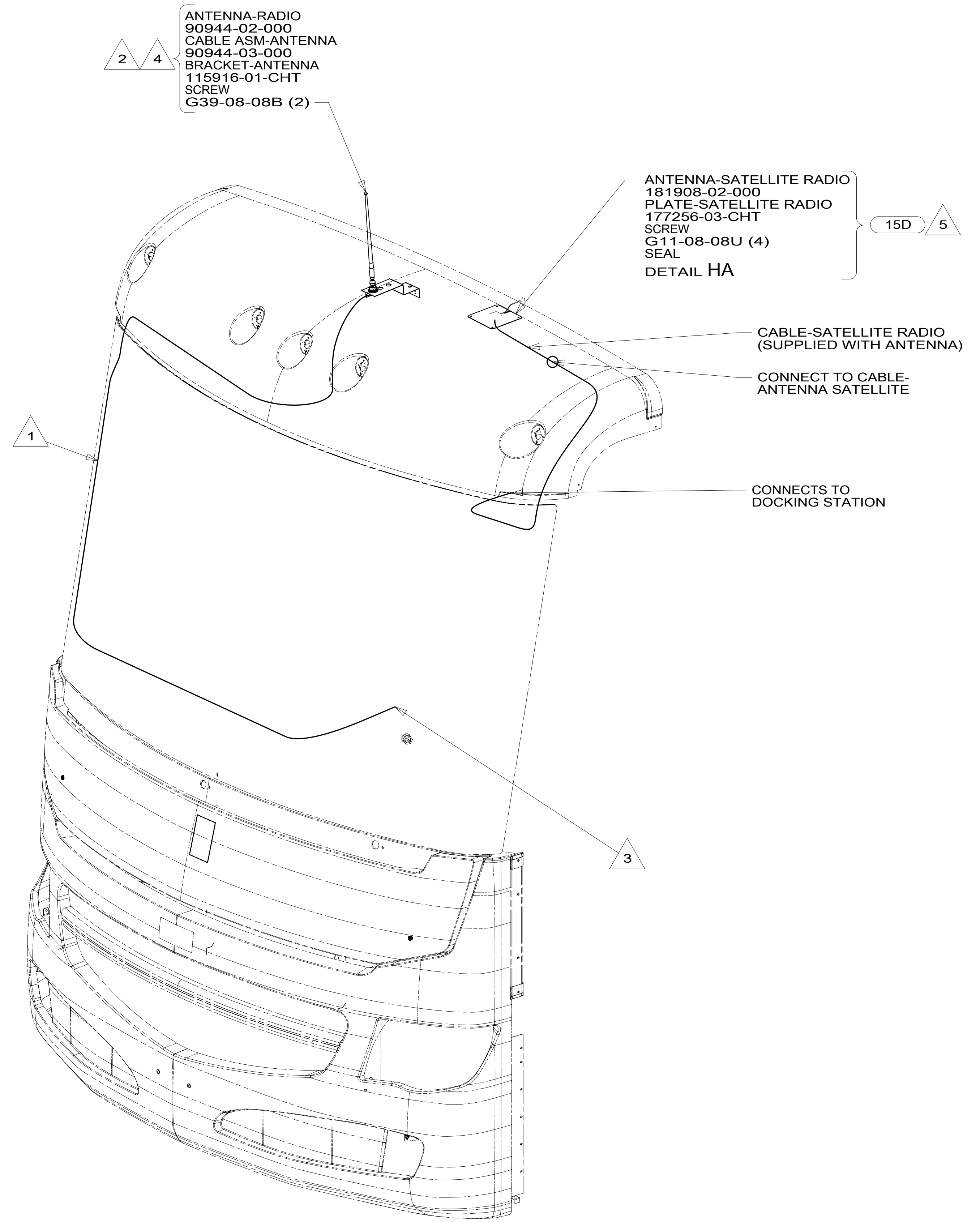
X-X

\*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.

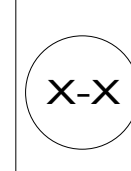
NOTES:

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

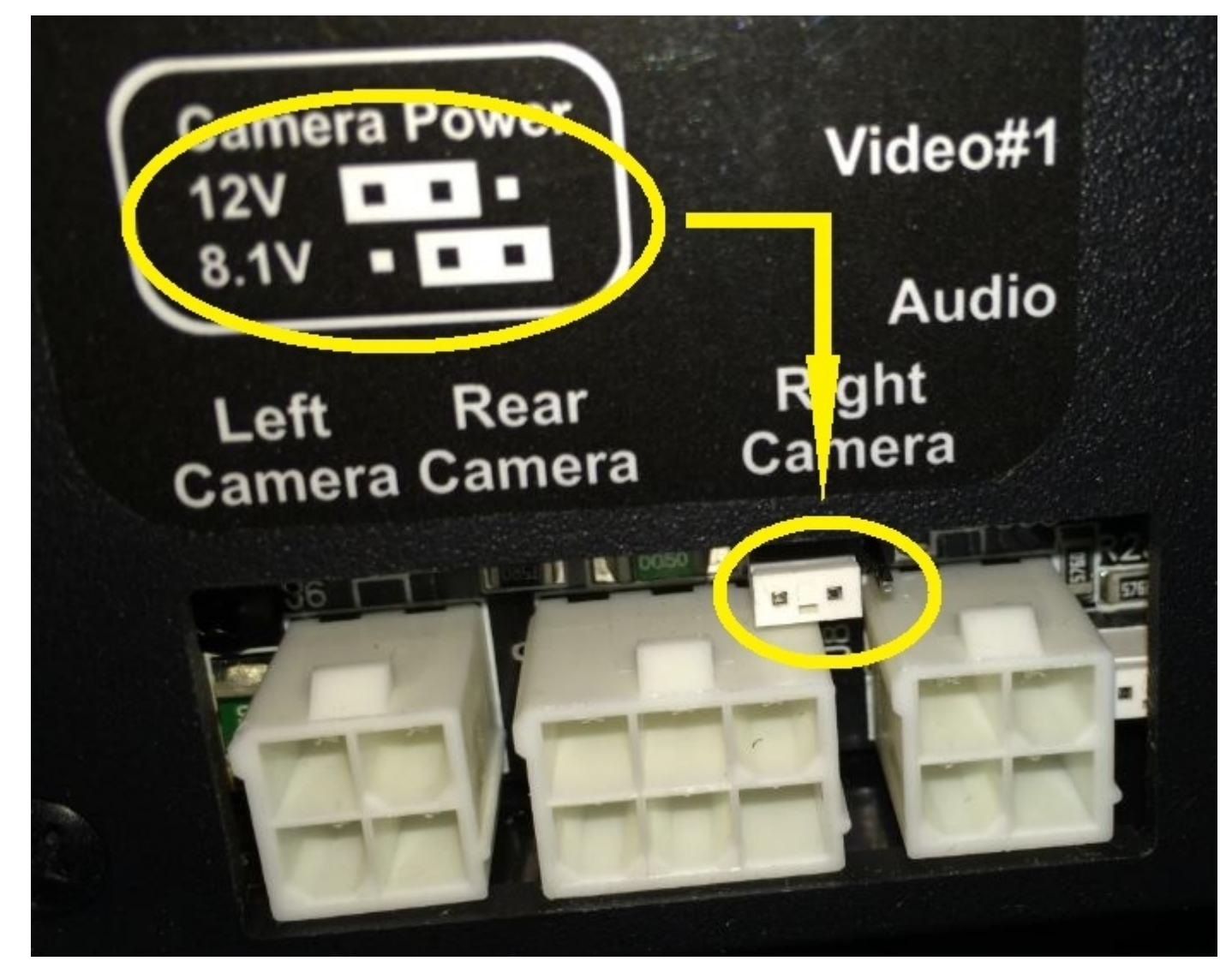
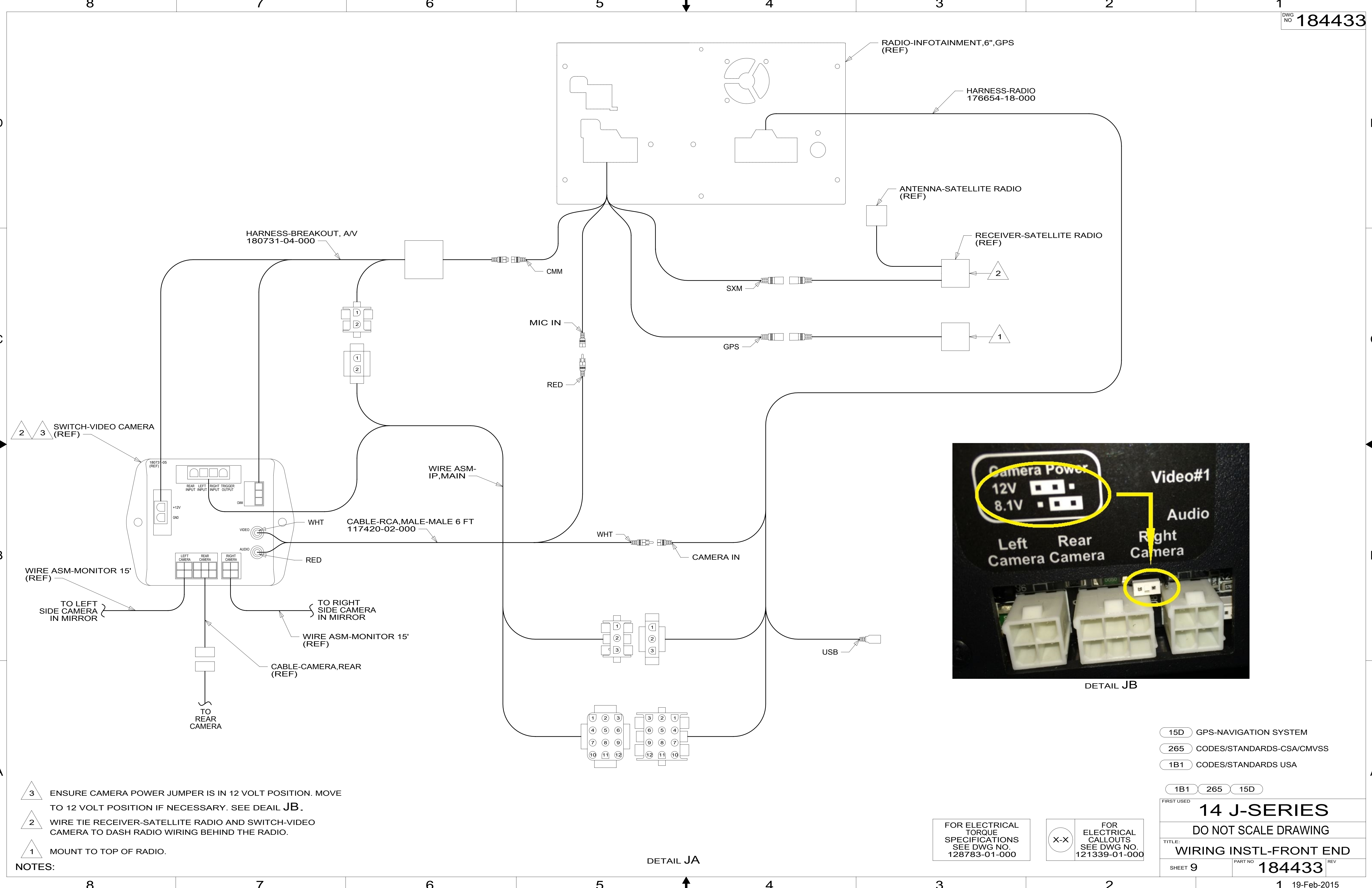
FIRST USED	
<b>14 J-SERIES</b>	
DO NOT SCALE DRAWING	
TITLE: <b>WIRING INSTL-FRONT END</b>	
SHEET 8	PART NO <b>184433</b> REV

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

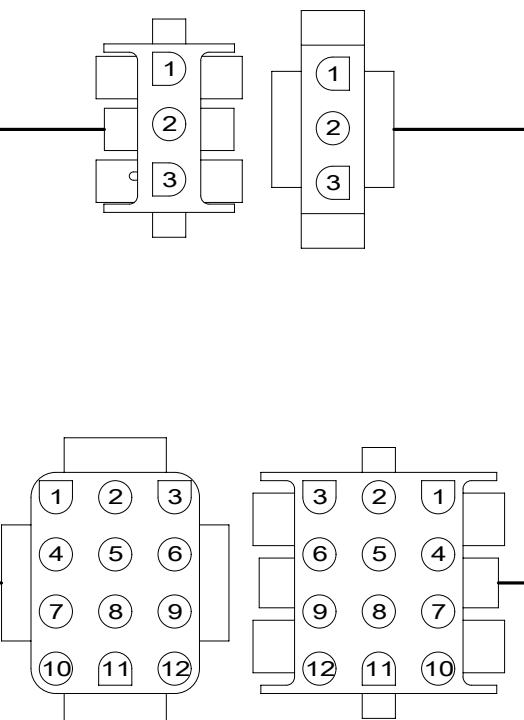
FOR ELECTRICAL CALLOUTS SEE DWG NO. 121339-01-000



\*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

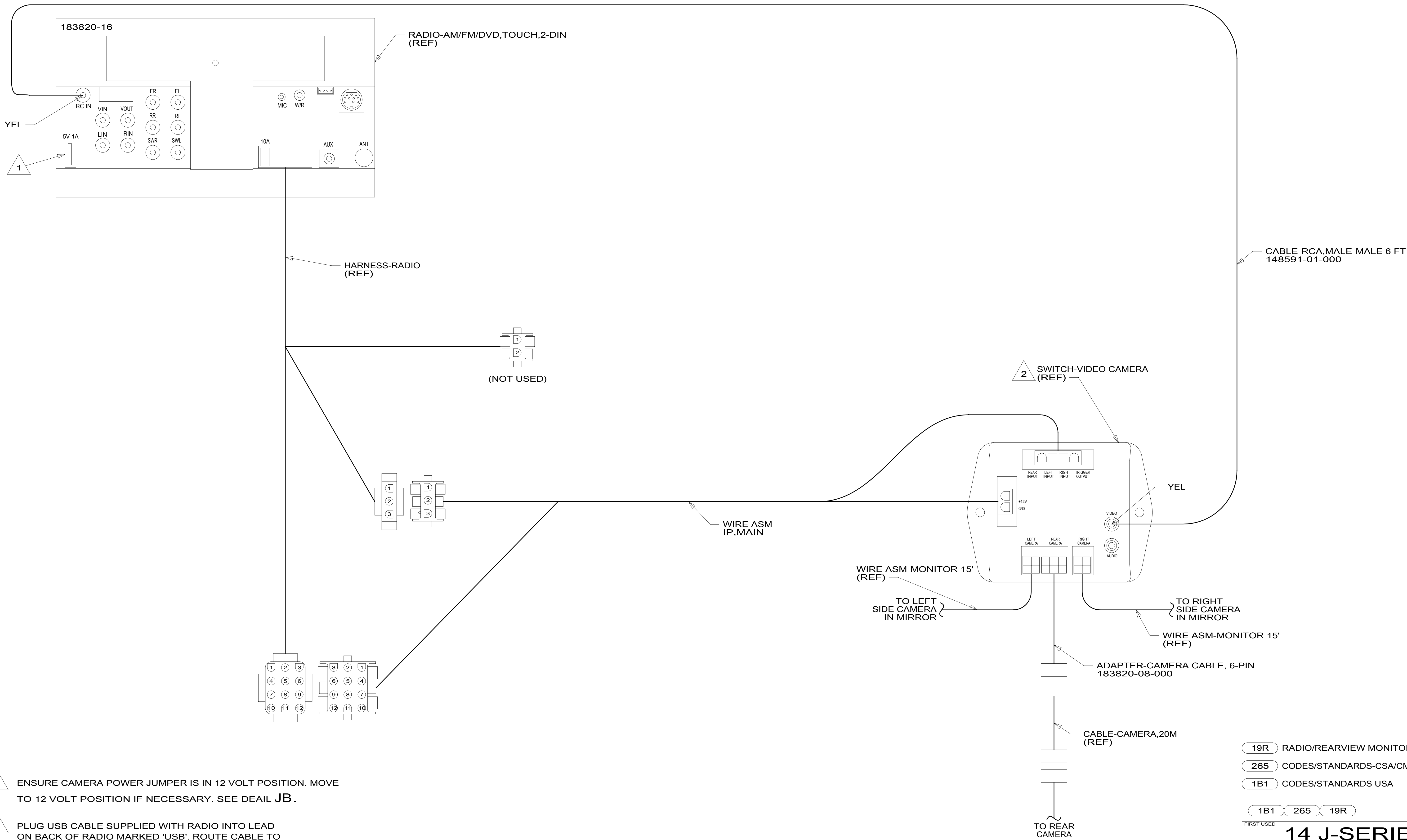
FIRST USED	
<b>14 J-SERIES</b>	
DO NOT SCALE DRAWING	
TITLE: <b>WIRING INSTL-FRONT END</b>	
SHEET 9	PART NO <b>184433</b> REV

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 DEAL 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:

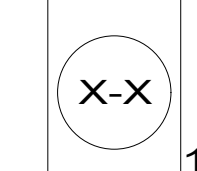
- 19R RADIO/REARVIEW MONITOR SYS
- 265 CODES/STANDARDS-CSA/CMVSS
- 1B1 CODES/STANDARDS USA

1B1 265 19R

FIRST USED	
<b>14 J-SERIES</b>	
DO NOT SCALE DRAWING	
TITLE: <b>WIRING INSTL-FRONT END</b>	
SHEET 10	PART NO <b>184433</b> REV

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

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



\*184433 \*A