



**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.	FEATURE
182590-01	(WIN)
182590-02	(ITA)

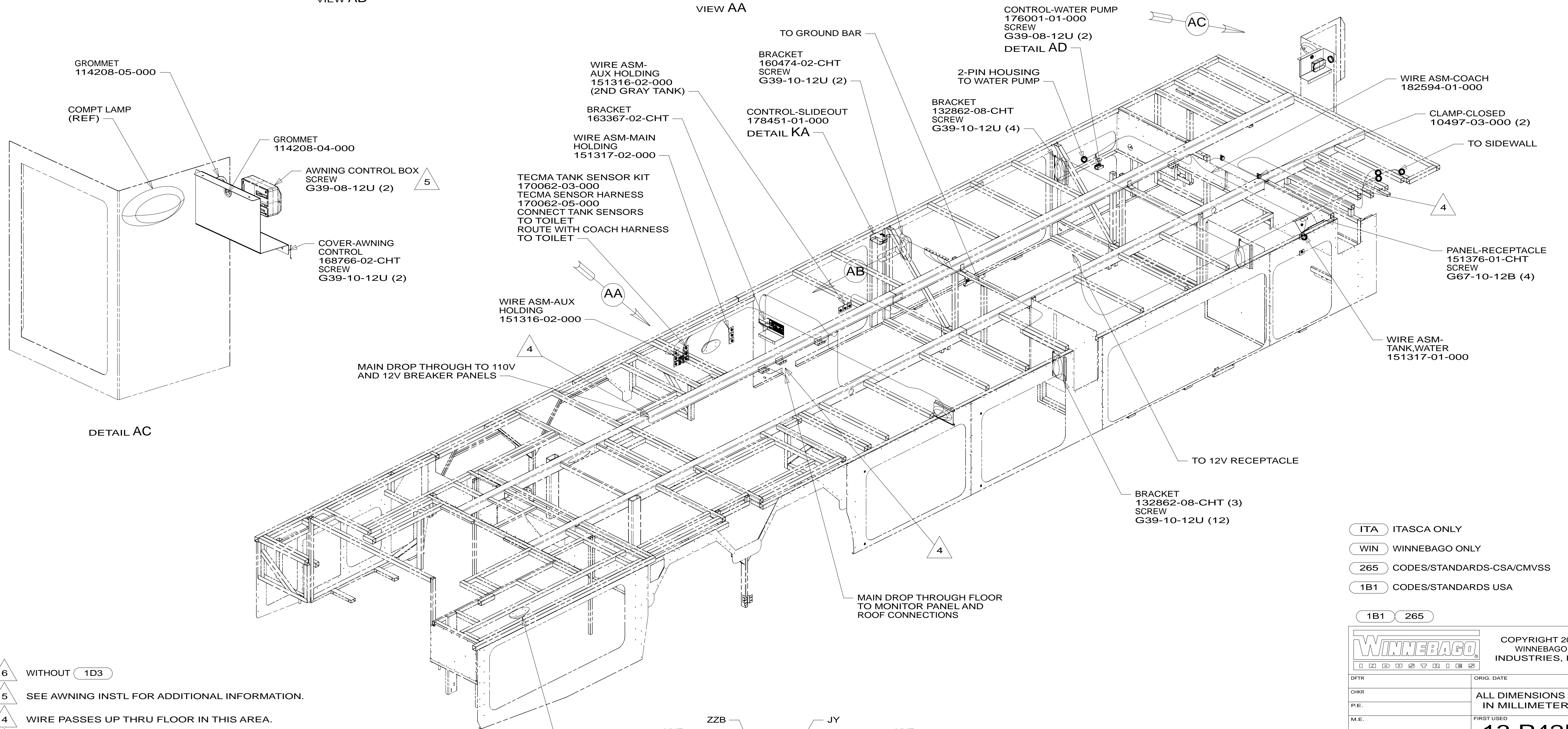
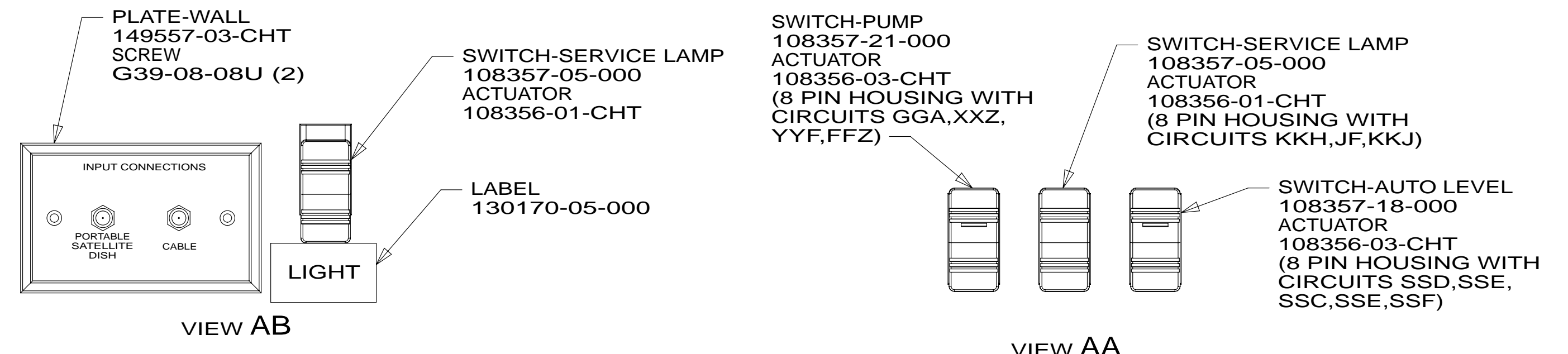
RELEASE	REV DATE	DWG NO	182590
REV ZONE	REVISION RECORD	DATE	DFT-ORIG

D

C

B

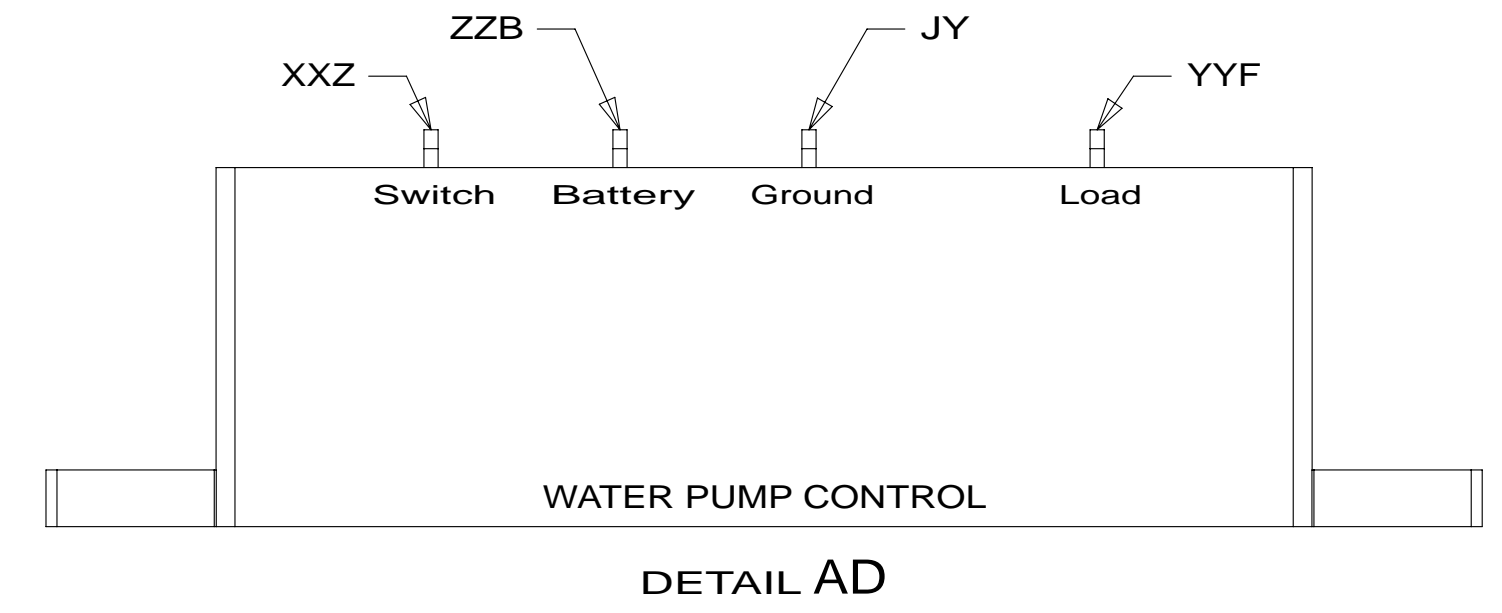
A



- 6 WITHOUT 1D3
- 5 SEE AWNING INSTL FOR ADDITIONAL INFORMATION.
- 4 WIRE PASSES UP THRU FLOOR IN THIS AREA.
- 3 SEE A/C INSTL FOR ADDITIONAL INFORMATION.

2. ROUTE TANK SENSOR WIRES SO THEY DO NOT PASS OVER SENSORS. USE WIRE TIE MOUNT 155366-01-000 AND WIRE TIE 8343-01-000 AS NEEDED. TANK SURFACE MUST BE CLEANED USING ISOPROPYL ALCOHOL AND PRIMED WITH PRIMER 94.
1. ALL WIRES TO BE SECURED WITH CLAMP 10495 OR 10497 OR WIRE TIE 8343 OR 108046 EVERY 600MM, USE SCREW G67-XX-XXX OR G56-XX-XXX AS APPROPRIATE FOR INSTALLATION.

NOTES:



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

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

- (ITA) ITASCA ONLY
- (WIN) WINNEBAGO ONLY
- (265) CODES/STANDARDS-CSA/CMVSS
- (1B1) CODES/STANDARDS USA

<b>WINNEBAGO</b>		COPYRIGHT 2011 WINNEBAGO INDUSTRIES, INC.	
DFT-ORIG	ORIG. DATE	ALL DIMENSIONS ARE IN MILLIMETERS	
CHKR		FIRST USED	
P.E.		<b>13 P42E</b>	
M.E.		MATERIAL:	
DSNR		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: <b>WIRING INSTL-BODY,12V</b>			
SHEET 1 OF 10	PART NO	<b>182590</b>	REV
REF:	1	26-Nov-2012	

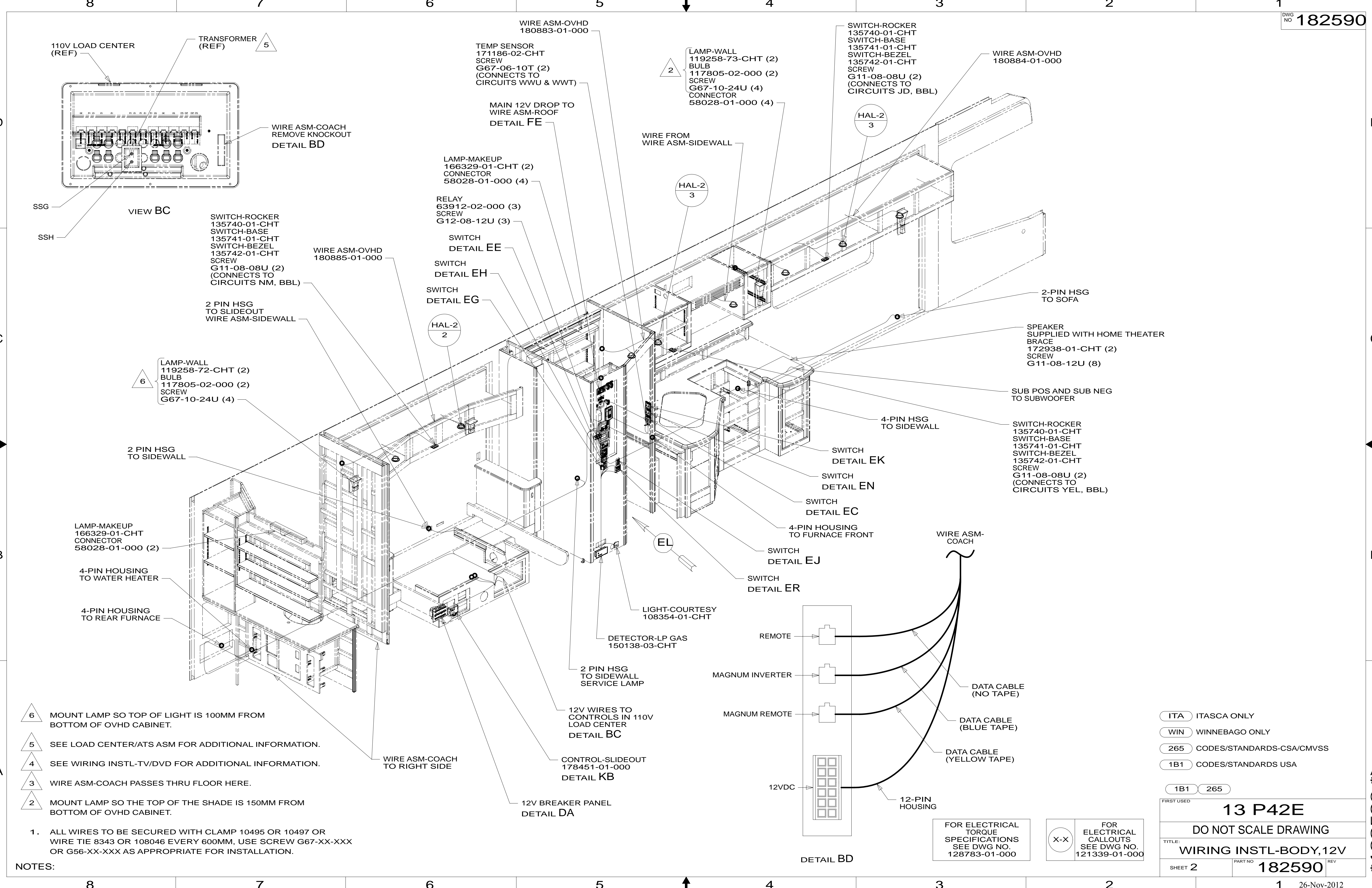
D

C

B

A

\* 182590 \*



- NOTES:
- 1. ALL WIRES TO BE SECURED WITH CLAMP 10495 OR 10497 OR WIRE TIE 8343 OR 108046 EVERY 600MM, USE SCREW G67-XX-XXX OR G56-XX-XXX AS APPROPRIATE FOR INSTALLATION.
  - 2. MOUNT LAMP SO THE TOP OF THE SHADE IS 150MM FROM BOTTOM OF OVHD CABINET.
  - 3. WIRE ASM-COACH PASSES THRU FLOOR HERE.
  - 4. SEE WIRING INSTL-TV/DVD FOR ADDITIONAL INFORMATION.
  - 5. SEE LOAD CENTER/ATS ASM FOR ADDITIONAL INFORMATION.
  - 6. MOUNT LAMP SO TOP OF LIGHT IS 100MM FROM BOTTOM OF OVHD CABINET.

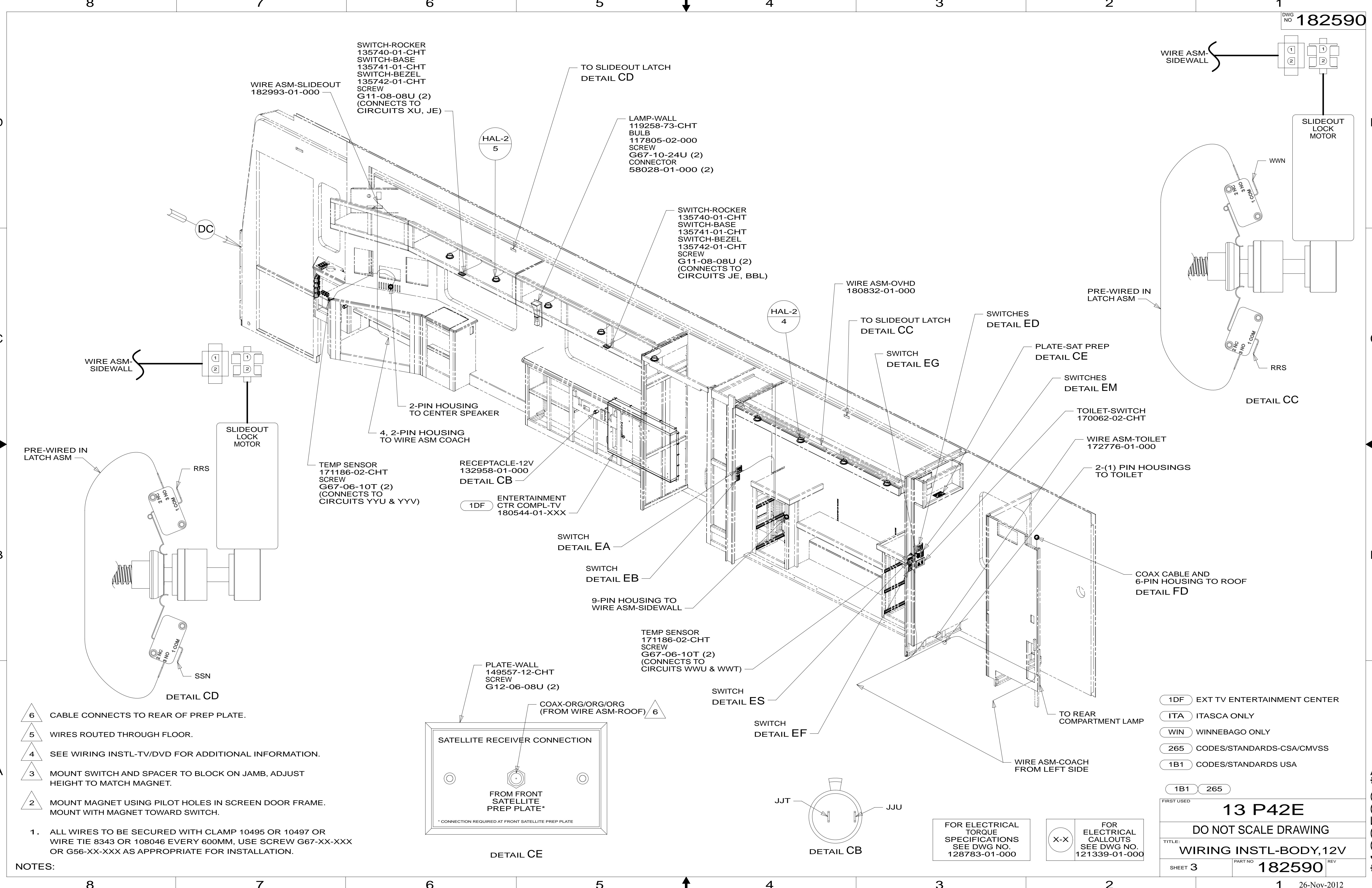
- ITA ITASCA ONLY
- WIN WINNEBAGO ONLY
- 265 CODES/STANDARDS-CSA/CMVSS
- 1B1 CODES/STANDARDS USA

FIRST USED	<b>13 P42E</b>	
<b>DO NOT SCALE DRAWING</b>		
<b>WIRING INSTL-BODY, 12V</b>		
SHEET 2	PART NO	<b>182590</b>
	REV	

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

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

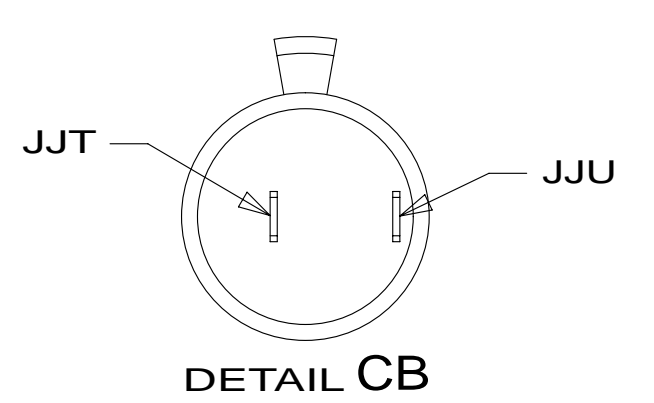
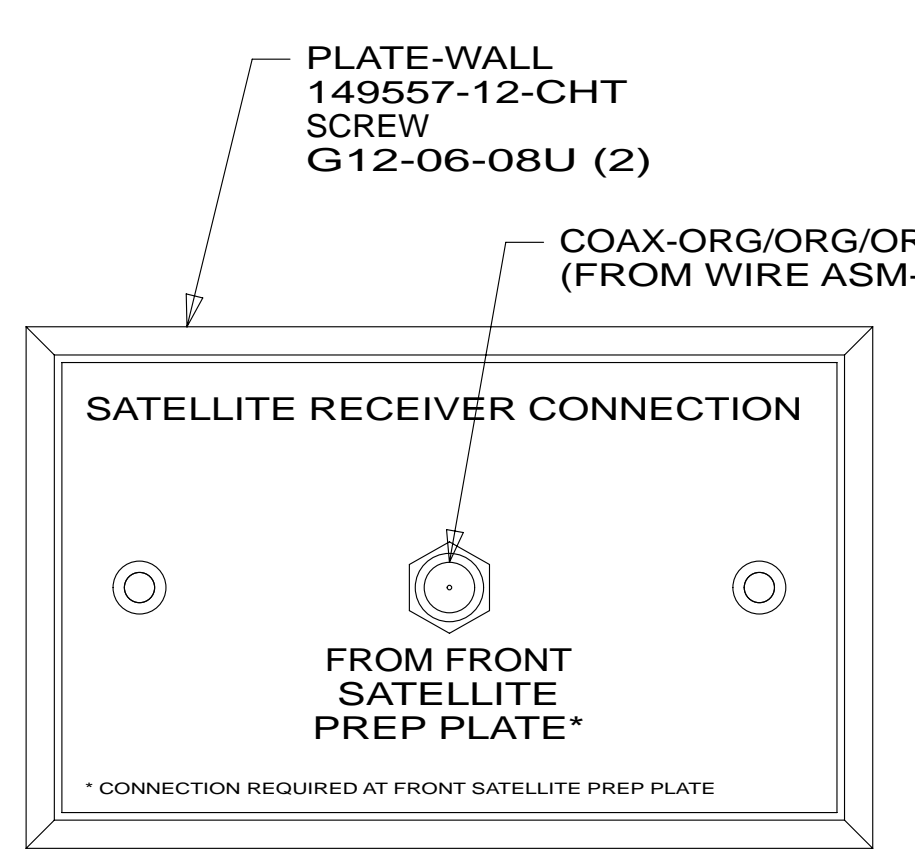
\* 182590 \* A



- 6 CABLE CONNECTS TO REAR OF PREP PLATE.
- 5 WIRES ROUTED THROUGH FLOOR.
- 4 SEE WIRING INSTL-TV/DVD FOR ADDITIONAL INFORMATION.
- 3 MOUNT SWITCH AND SPACER TO BLOCK ON JAMB, ADJUST HEIGHT TO MATCH MAGNET.
- 2 MOUNT MAGNET USING PILOT HOLES IN SCREEN DOOR FRAME. MOUNT WITH MAGNET TOWARD SWITCH.

1. ALL WIRES TO BE SECURED WITH CLAMP 10495 OR 10497 OR WIRE TIE 8343 OR 108046 EVERY 600MM, USE SCREW G67-XX-XXX OR G56-XX-XXX AS APPROPRIATE FOR INSTALLATION.

NOTES:



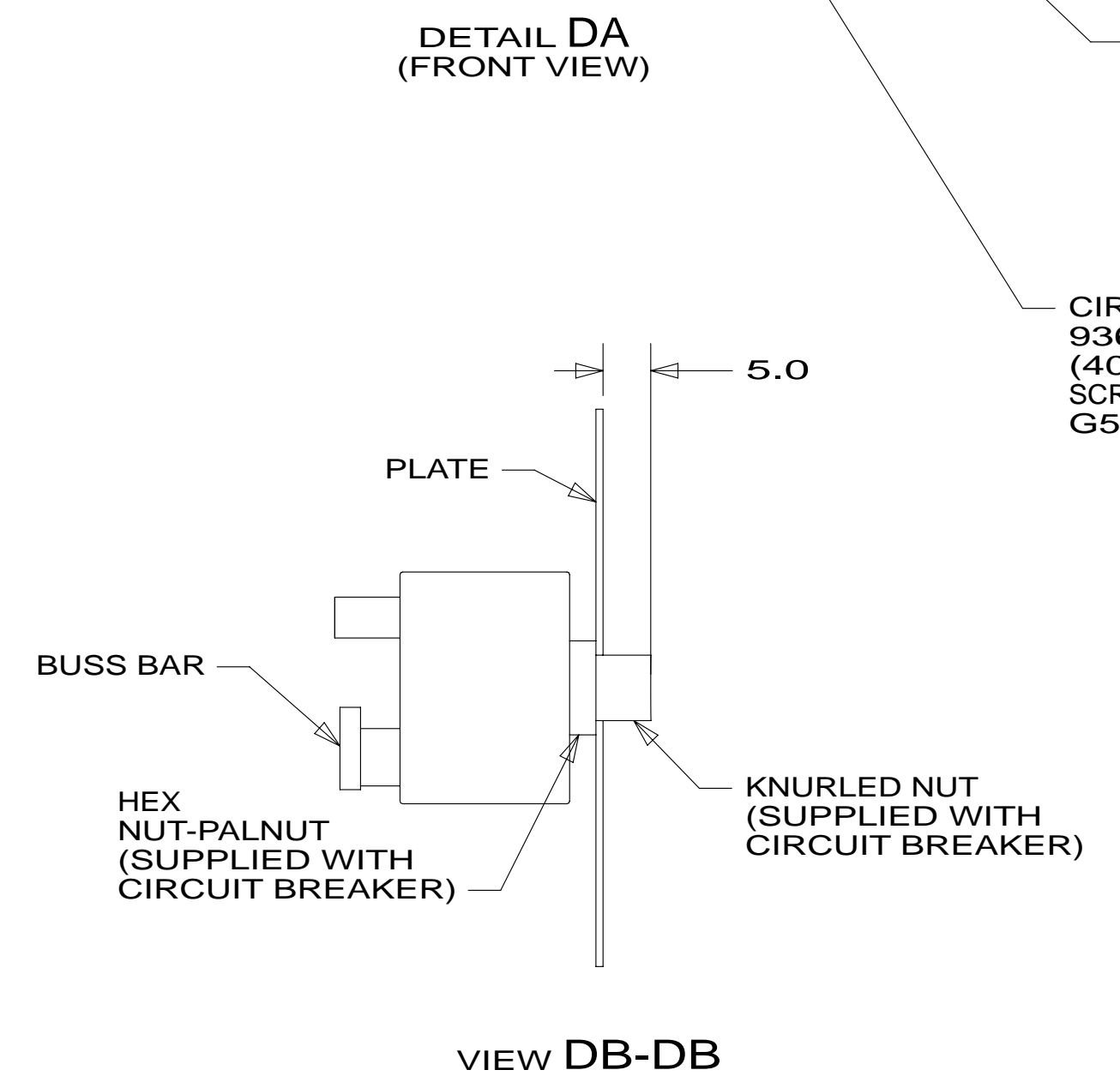
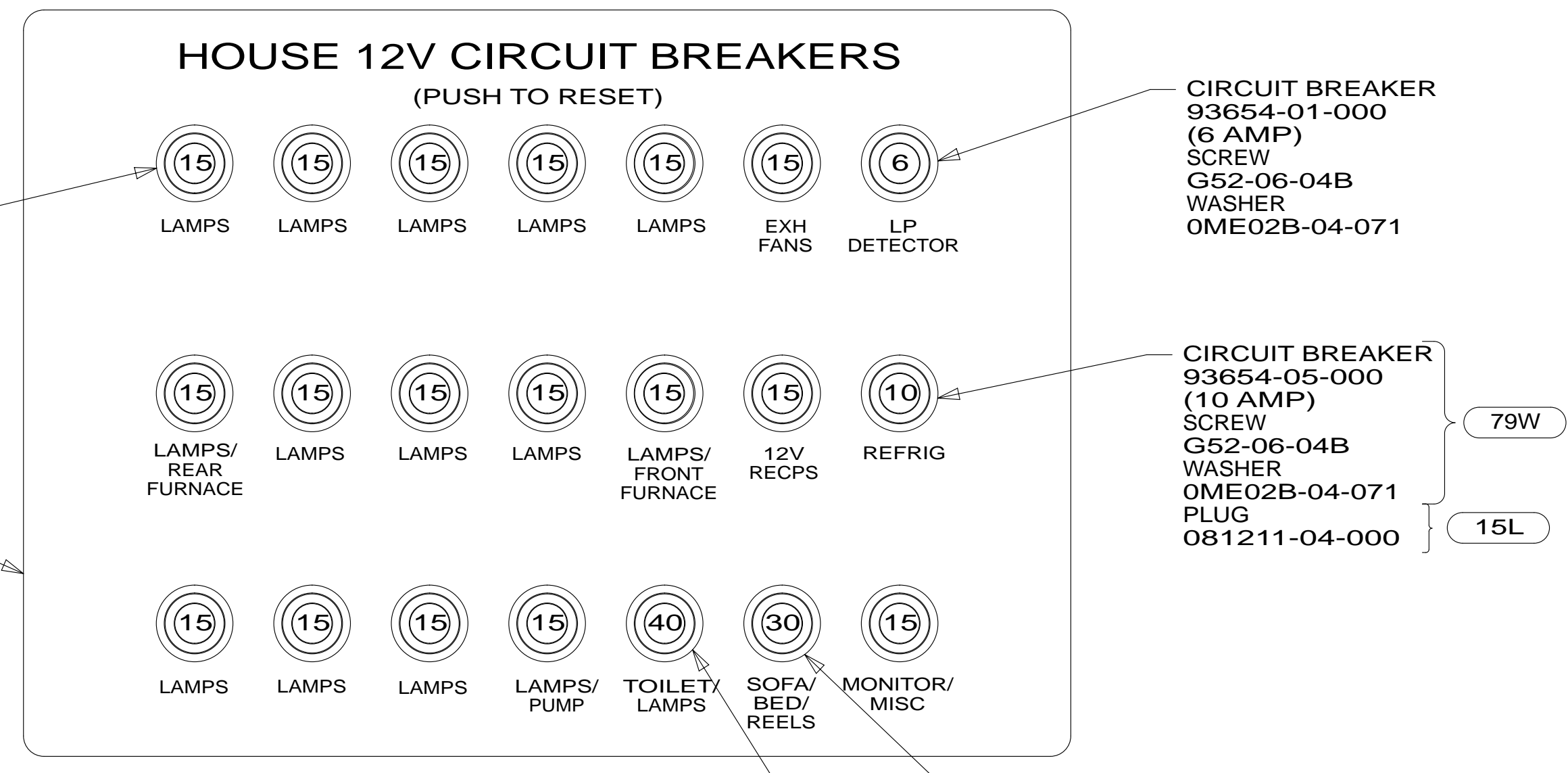
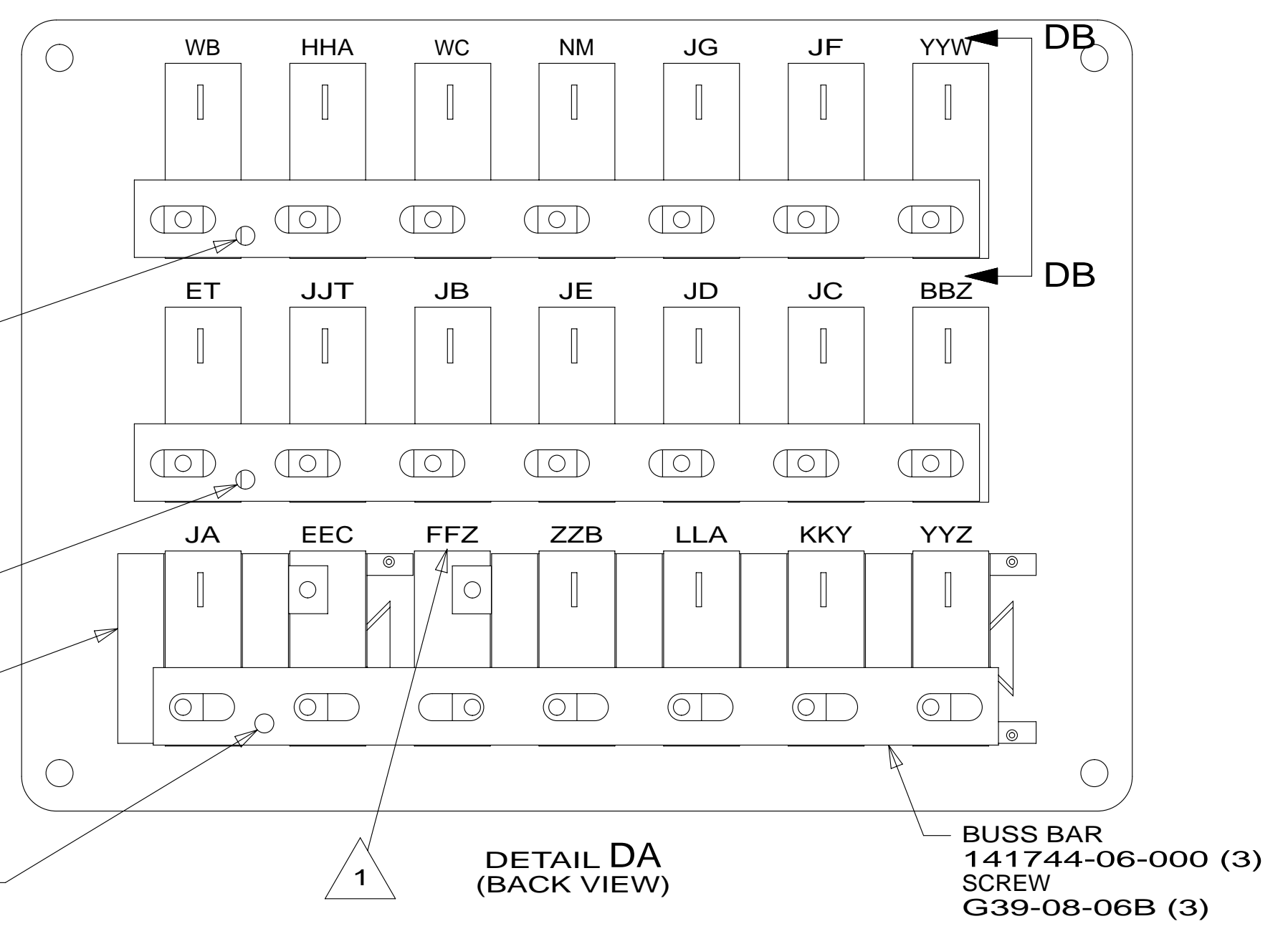
FOR ELECTRICAL TORQUE SPECIFICATIONS SEE DWG NO. 128783-01-000

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

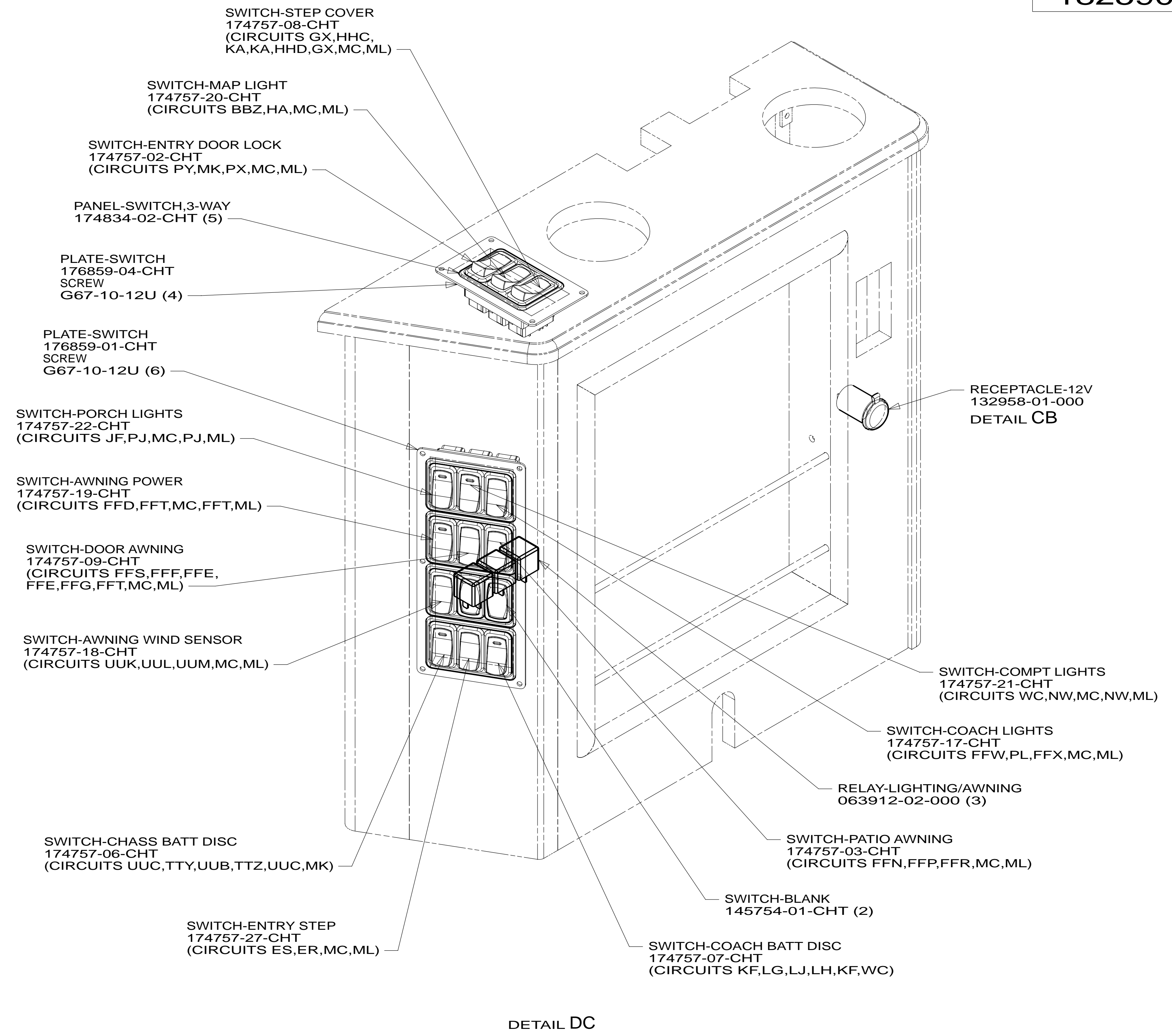
- 1DF EXT TV ENTERTAINMENT CENTER
- ITA ITASCA ONLY
- WIN WINNEBAGO ONLY
- 265 CODES/STANDARDS-CSA/CMVSS
- 1B1 CODES/STANDARDS USA

FIRST USED		<b>13 P42E</b>	
<b>DO NOT SCALE DRAWING</b>			
<b>WIRING INSTL-BODY, 12V</b>			
SHEET 3	PART NO	182590	REV
			26-Nov-2012

\* 182590 \* A



NOTES:  
 1 CIRCUIT IS 8 AWG BLACK.



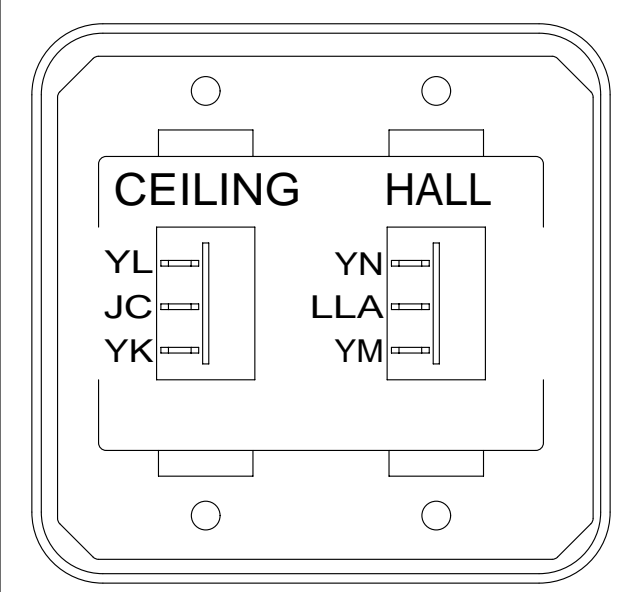
- 15L RESIDENTIAL REFRIGERATOR PKG
- 79W REFRIGERATOR-4 DOOR
- 265 CODES/STANDARDS-CSA/CMVSS
- 1B1 CODES/STANDARDS USA

FIRST USED	13 P42E	
DO NOT SCALE DRAWING		
TITLE: WIRING INSTL-BODY,12V		
SHEET 4	PART NO 182590	REV
26-Nov-2012		

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

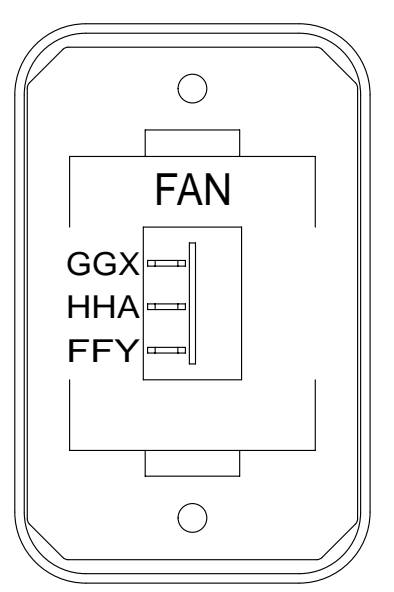
FOR ELECTRICAL CALLOUTS SEE DWG NO. 121339-01-000

\* 182590 \*



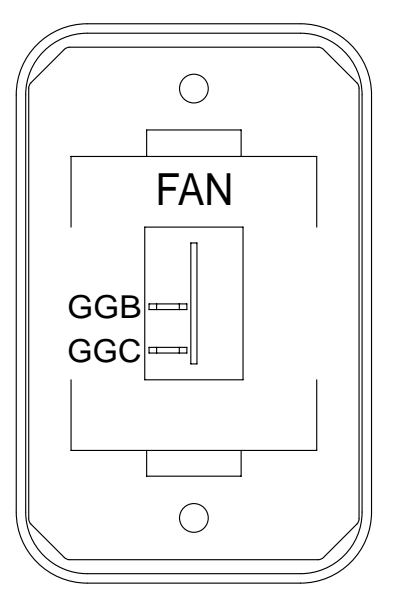
SWITCH-ROCKER  
135740-02-CHT (2)  
SWITCH-BASE  
135741-02-CHT  
SWITCH-BEZEL  
135742-16-CHT  
SCREW  
G11-08-08U (4)

DETAIL EA



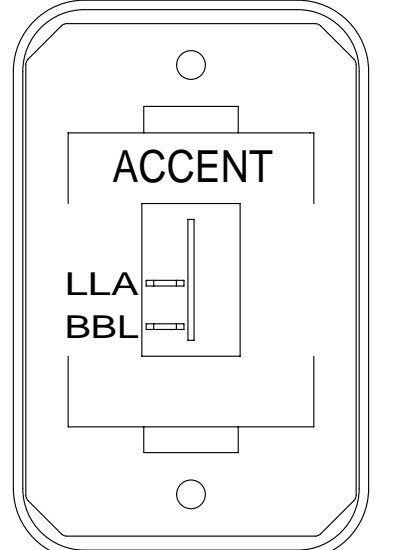
SWITCH-ROCKER  
135740-04-CHT  
SWITCH-BASE  
135741-01-CHT  
SWITCH-BEZEL  
135742-12-CHT  
SCREW  
G11-08-08U (2)  
WIRE ASM-RESISTOR  
140195-01-000

DETAIL EF 41Y



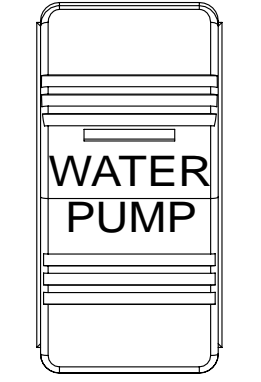
SWITCH-ROCKER  
135740-01-CHT  
SWITCH-BASE  
135741-01-CHT  
SWITCH-BEZEL  
135742-12-CHT  
SCREW  
G11-08-08U (2)

DETAIL EM



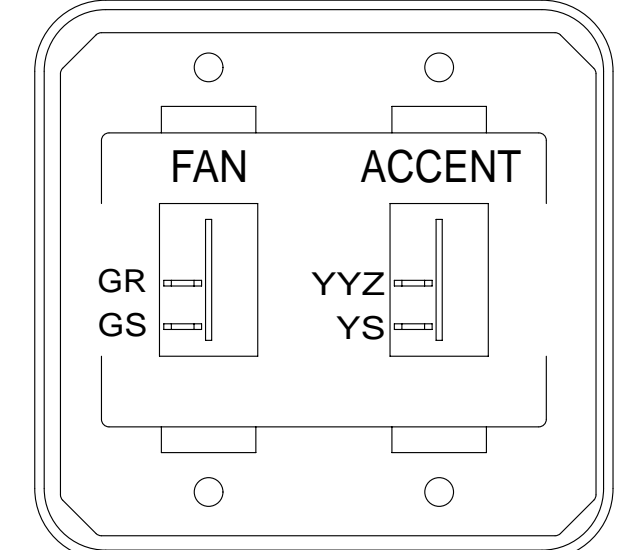
SWITCH-ROCKER  
135740-01-CHT  
SWITCH-BASE  
135741-01-CHT  
SWITCH-BEZEL  
135742-50-CHT  
SCREW  
G11-08-08U (2)

DETAIL EB



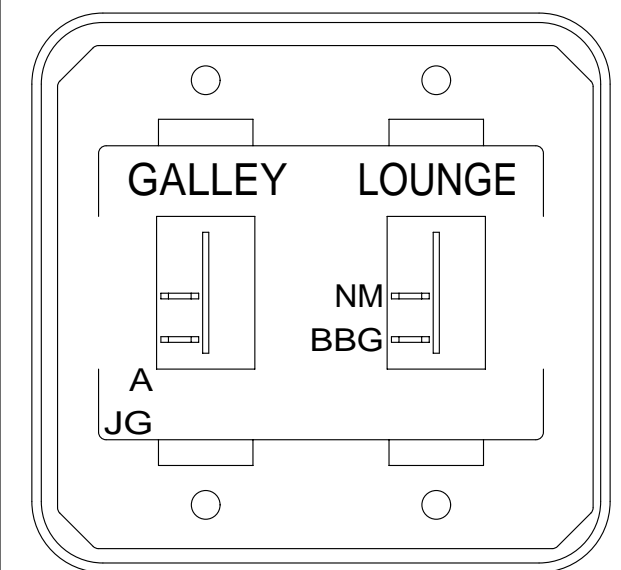
SWITCH-PUMP  
108357-21-000  
ACTUATOR  
108356-23-CHT  
SCREW  
G11-06-10U (2)

DETAIL EG (2 PLACES)



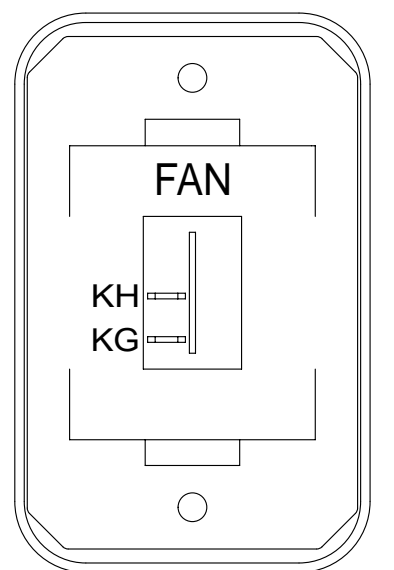
SWITCH-ROCKER  
135740-01-CHT (2)  
SWITCH-BASE  
135741-02-CHT  
SWITCH-BEZEL  
135742-49-CHT  
SCREW  
G11-06-16U (4)

DETAIL EN



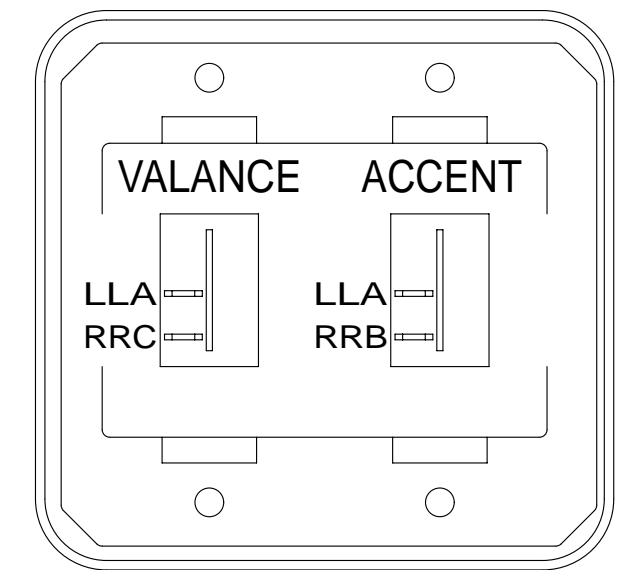
SWITCH-ROCKER  
135740-01-CHT (2)  
SWITCH-BASE  
135741-02-CHT  
SWITCH-BEZEL  
135742-18-CHT  
SCREW  
G11-08-08U (4)

DETAIL EC



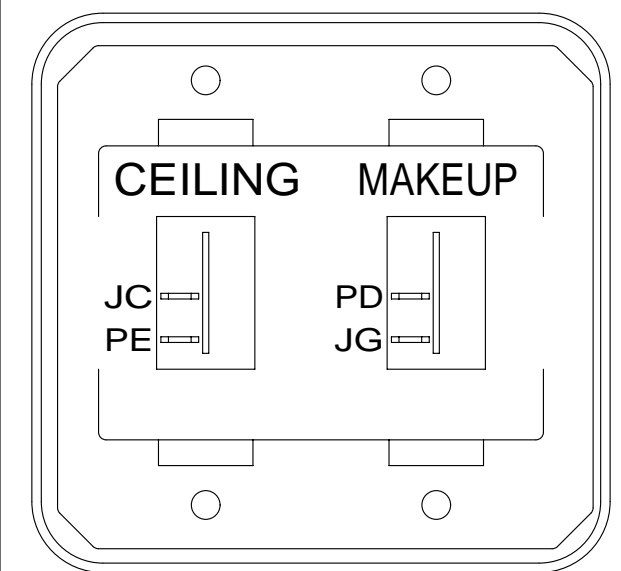
SWITCH-ROCKER  
135740-01-CHT  
SWITCH-BASE  
135741-01-CHT  
SWITCH-BEZEL  
135742-12-CHT  
SCREW  
G11-08-08U (2)

DETAIL EH



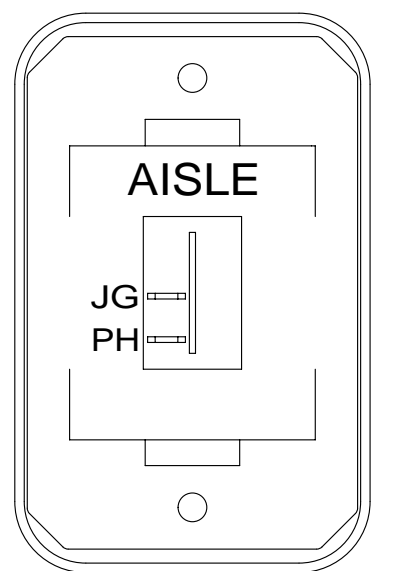
SWITCH-ROCKER  
135740-01-CHT (2)  
SWITCH-BASE  
135741-02-CHT  
SWITCH-BEZEL  
135742-36-CHT  
SCREW  
G11-08-08U (4)

DETAIL EP



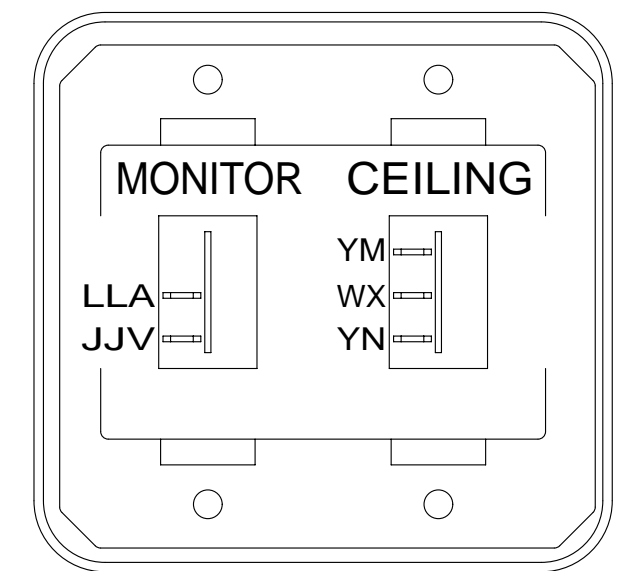
SWITCH-ROCKER  
135740-01-CHT (2)  
SWITCH-BASE  
135741-02-CHT  
SWITCH-BEZEL  
135742-14-CHT  
SCREW  
G11-08-08U (4)

DETAIL ED



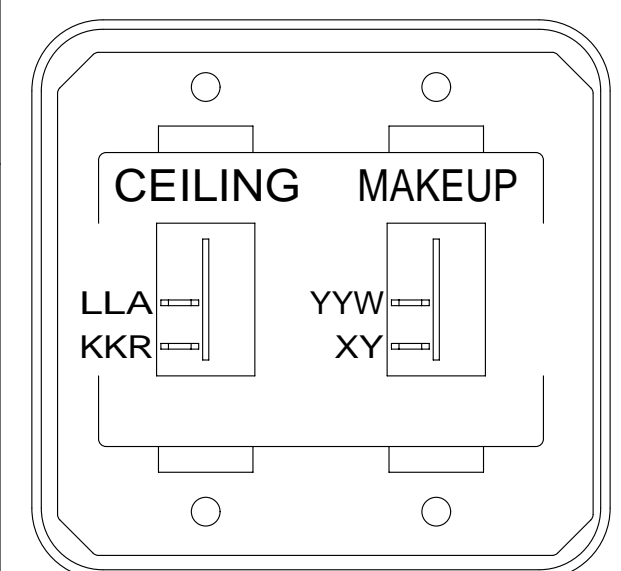
SWITCH-ROCKER  
135740-01-CHT  
SWITCH-BASE  
135741-01-CHT  
SWITCH-BEZEL  
135742-06-CHT  
SCREW  
G11-08-08U (2)

DETAIL EJ



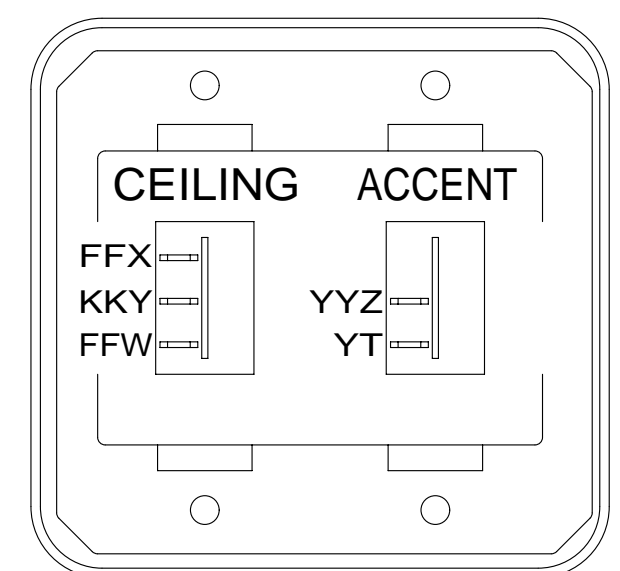
SWITCH-ROCKER  
135740-01-CHT  
135740-02-CHT  
SWITCH-BASE  
135741-02-CHT  
SWITCH-BEZEL  
135742-31-CHT  
SCREW  
G11-08-08U (4)

DETAIL ER



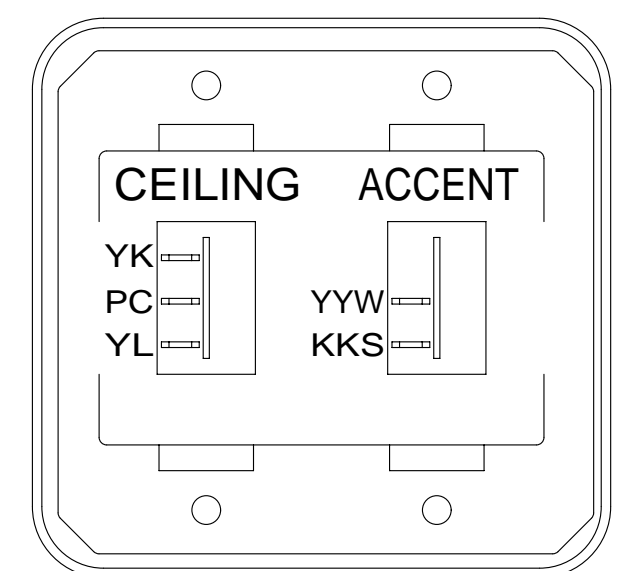
SWITCH-ROCKER  
135740-01-CHT (2)  
SWITCH-BASE  
135741-02-CHT  
SWITCH-BEZEL  
135742-14-CHT  
SCREW  
G11-08-08U (4)

DETAIL EE



SWITCH-ROCKER  
135740-01-CHT  
135740-02-CHT  
SWITCH-BASE  
135741-02-CHT  
SWITCH-BEZEL  
135742-56-CHT  
SCREW  
G11-08-08U (4)

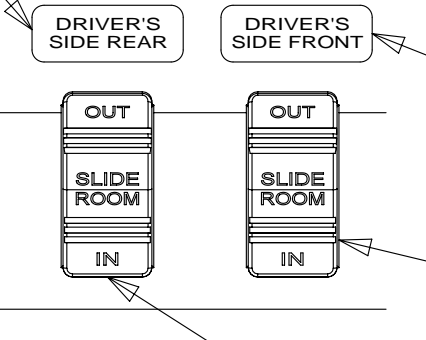
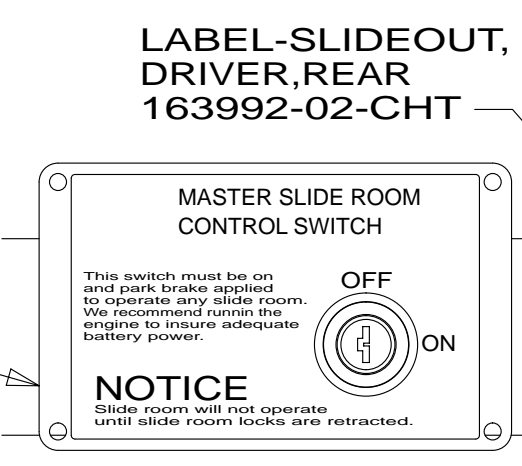
DETAIL EK



SWITCH-ROCKER  
135740-01-CHT  
135740-02-CHT  
SWITCH-BASE  
135741-02-CHT  
SWITCH-BEZEL  
135742-56-CHT  
SCREW  
G11-08-08U (4)

DETAIL ES

SWITCH-KEYLOCK  
163097-01-000  
LABEL  
163988-02-CHT  
PANEL  
163987-01-CHT  
SCREW  
76790-05-000 (4)

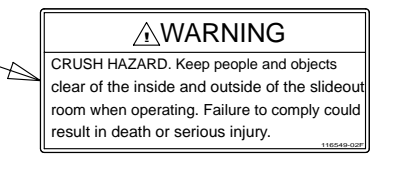


LABEL-SLIDEOUT,  
DRIVER,FRONT  
163992-01-CHT

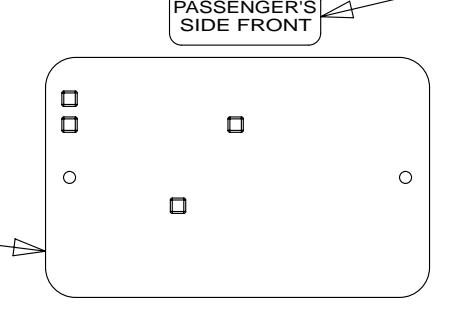
SWITCH  
108357-06-CHT  
ACTUATOR  
108356-24-CHT  
(CIRCUITS DR,DU,DT)

SWITCH  
108357-06-CHT  
ACTUATOR  
108356-24-CHT  
(CIRCUITS BBM,BBN,DT)

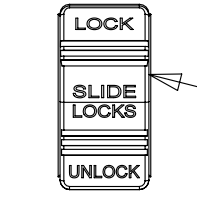
LABEL  
116549-02-000



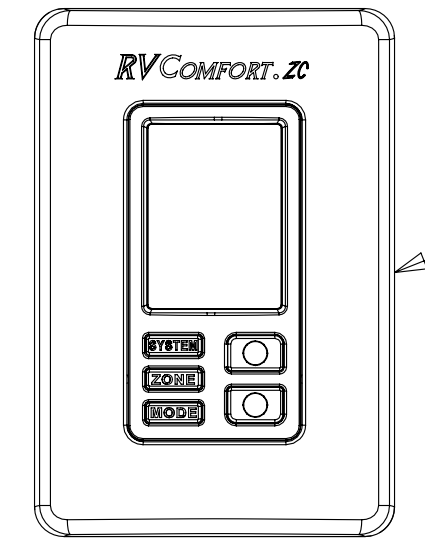
SWITCH ASM-SLIDEOUT  
171341-01-000  
SCREW  
76790-05-000 (2)  
CIRCUITS  
SSN,HHF,NNN,  
NNP,HHE,NNR,  
WWR,WWP



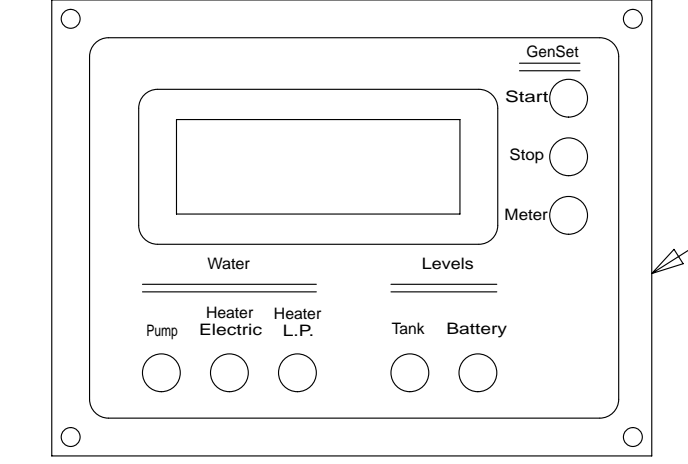
LABEL  
163992-04-CHT



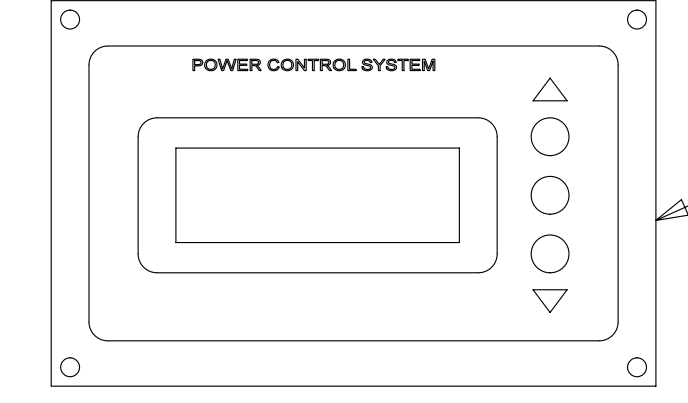
SWITCH  
108357-06-000  
ACTUATOR  
108356-25-CHT  
CIRCUITS  
PPP,PPV,PPR,PPU



THERMOSTAT-ZONE,2-STAGE  
171186-04-CHT  
SCREW  
G11-08-08U (2)  
RELAY  
63912-02-000 (2)

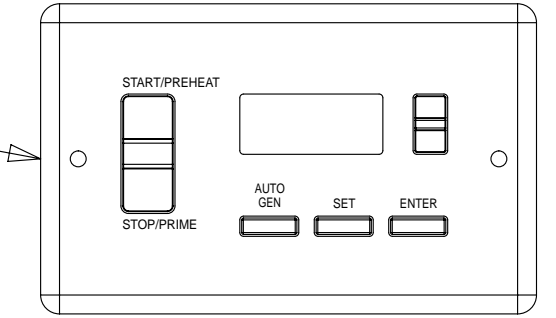


MONITOR-PANEL  
175724-02-000  
SCREW  
G11-08-08U (4)

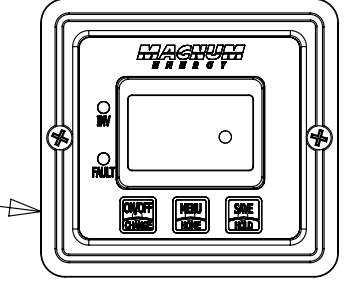


MONITOR-PANEL EMS  
174384-01-000  
SCREW  
G11-08-08U (4)

2 MODULE-AUTO  
GENERATOR START  
158425-01-000  
SCREW  
G11-08-08U (2)



1 REMOTE PANEL  
175385-02-000  
SCREW  
G11-08-08U (2)



DETAIL EL

- 41Y FAN - CEILING,BEDROOM
- 265 CODES/STANDARDS-CSA/CMVSS
- 1B1 CODES/STANDARDS USA

1B1 265

2 SET 'GEN TYPE' TO MATCH GENERATOR MODEL INSTALLED IN COACH.  
SET 'SAFE TYPE' TO 'IGNITION'  
SEE OWNERS MANUAL FOR SETUP PROCEDURE.

1 SET 'BAT TYPE' TO 'AGM2'  
SET 'LBCO' TO '11VDC'  
SEE OWNERS MANUAL FOR SETUP PROCEDURE.

NOTES:

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

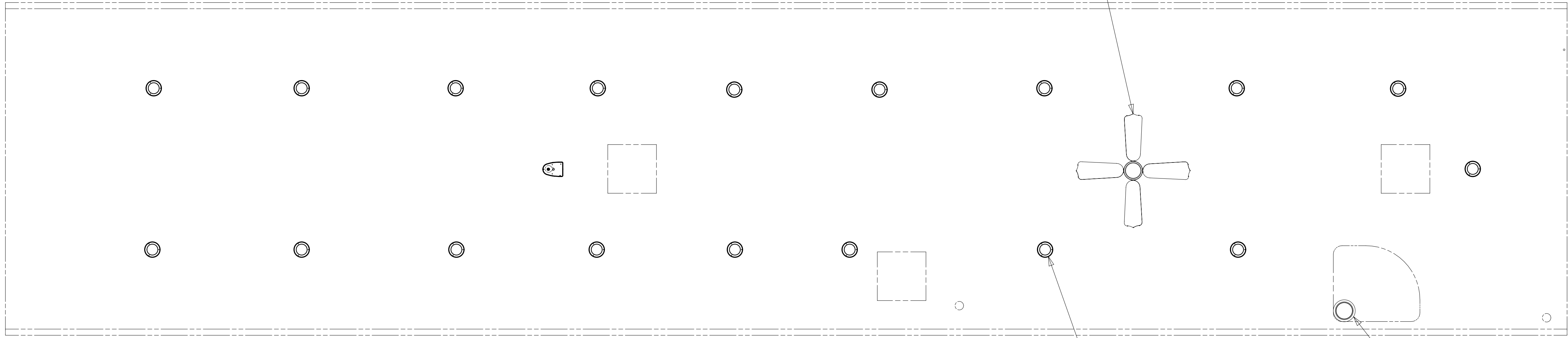
FOR  
ELECTRICAL  
CALLOUTS  
SEE DWG NO.  
121339-01-000

FIRST USED		<b>13 P42E</b>	
DO NOT SCALE DRAWING			
TITLE: <b>WIRING INSTL-BODY,12V</b>			
SHEET 5	PART NO	<b>182590</b>	REV
		1	26-Nov-2012

\* 182590 \*

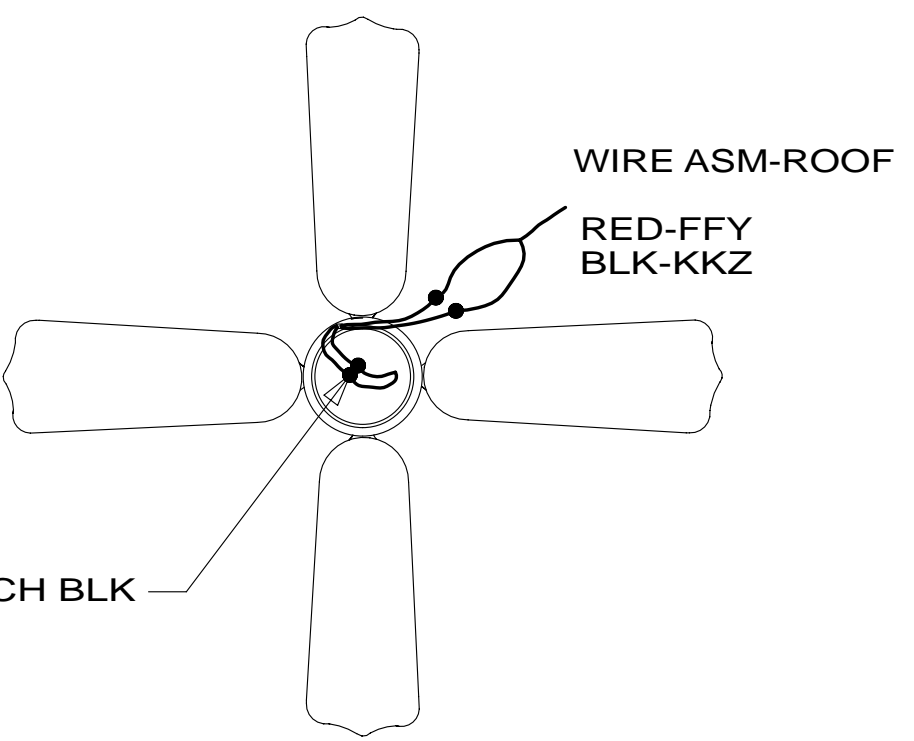
FAN  
139134-01-CHT  
SCREW  
G11-10-16B (3)  
CONNECTOR  
58028-01-000 (2)  
DETAIL FC

41Y 2 3

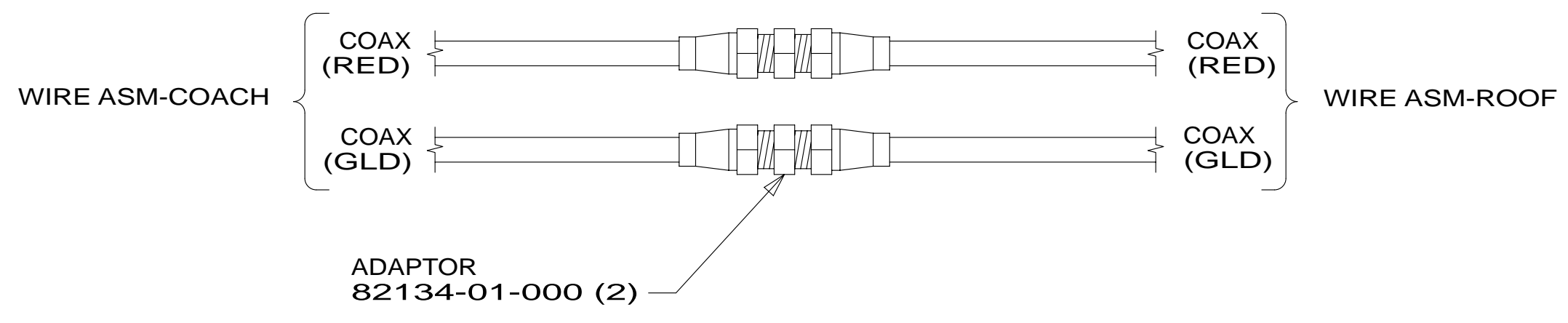


HAL-4  
18

LSH-3



DETAIL FC



DETAIL FD

- 41Y FAN - CEILING,BEDROOM
- 265 CODES/STANDARDS-CSA/CMVSS
- 1B1 CODES/STANDARDS USA

1B1 265

- 3 CENTER FAN OVER 25MM HOLE IN ROOF.
- 2 APPLY LOCTITE P/N 62917-06-000 TO FAN BLADE MOUNTING NUT THREADS.
- 1 SEE WIRING INSTL-TV/DVD FOR ADDITIONAL INFORMATION.

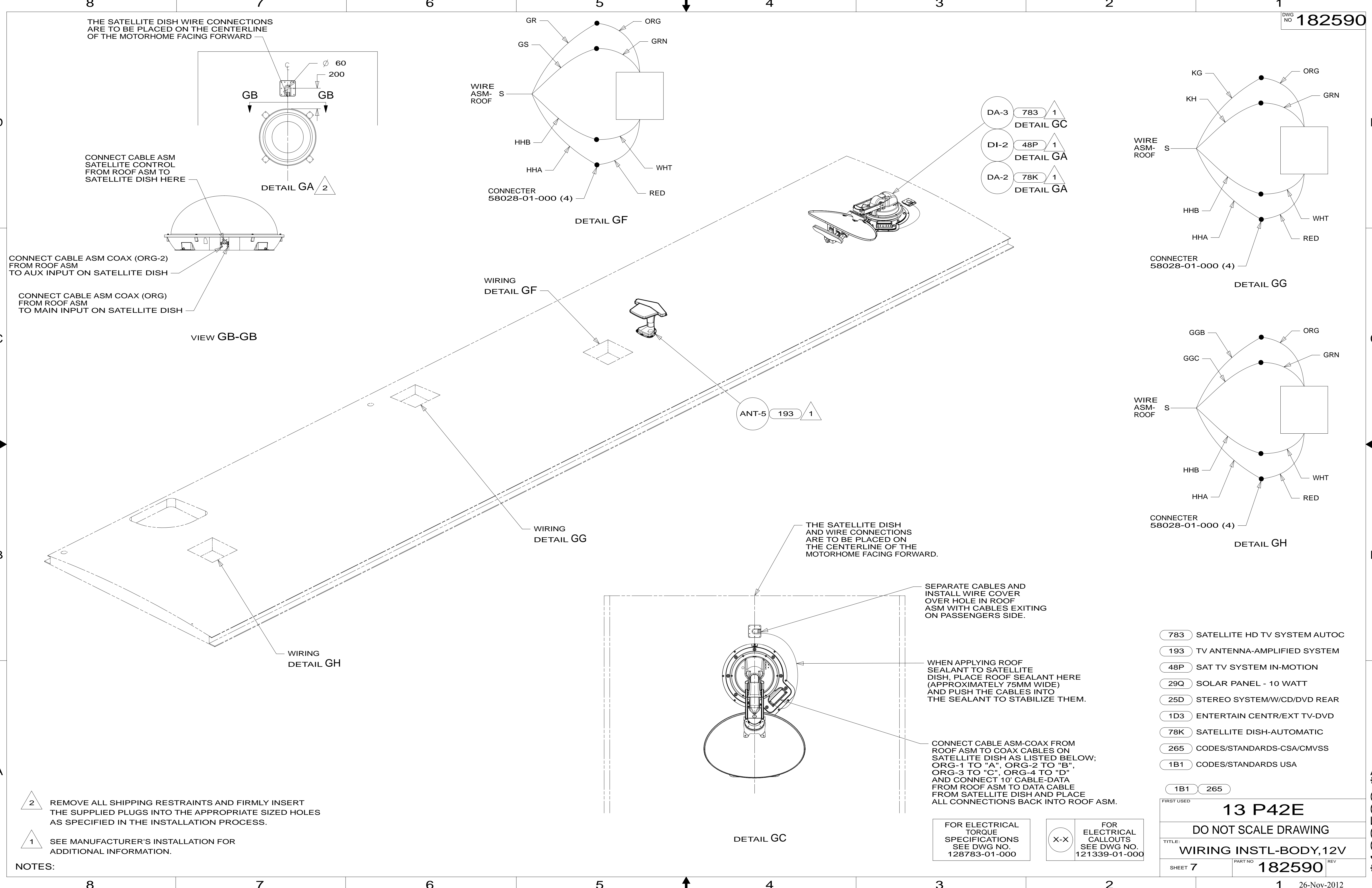
NOTES:

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

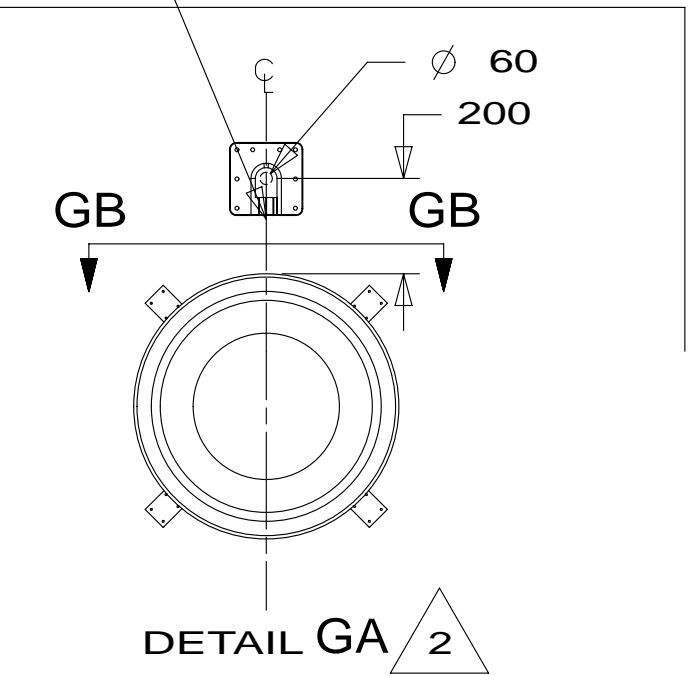
FOR ELECTRICAL CALLOUTS SEE DWG NO. 121339-01-000

FIRST USED	
13 P42E	
DO NOT SCALE DRAWING	
TITLE: WIRING INSTL-BODY,12V	
SHEET 6	PART NO 182590
REV	

\* 182590 \* A



THE SATELLITE DISH WIRE CONNECTIONS ARE TO BE PLACED ON THE CENTERLINE OF THE MOTORHOME FACING FORWARD



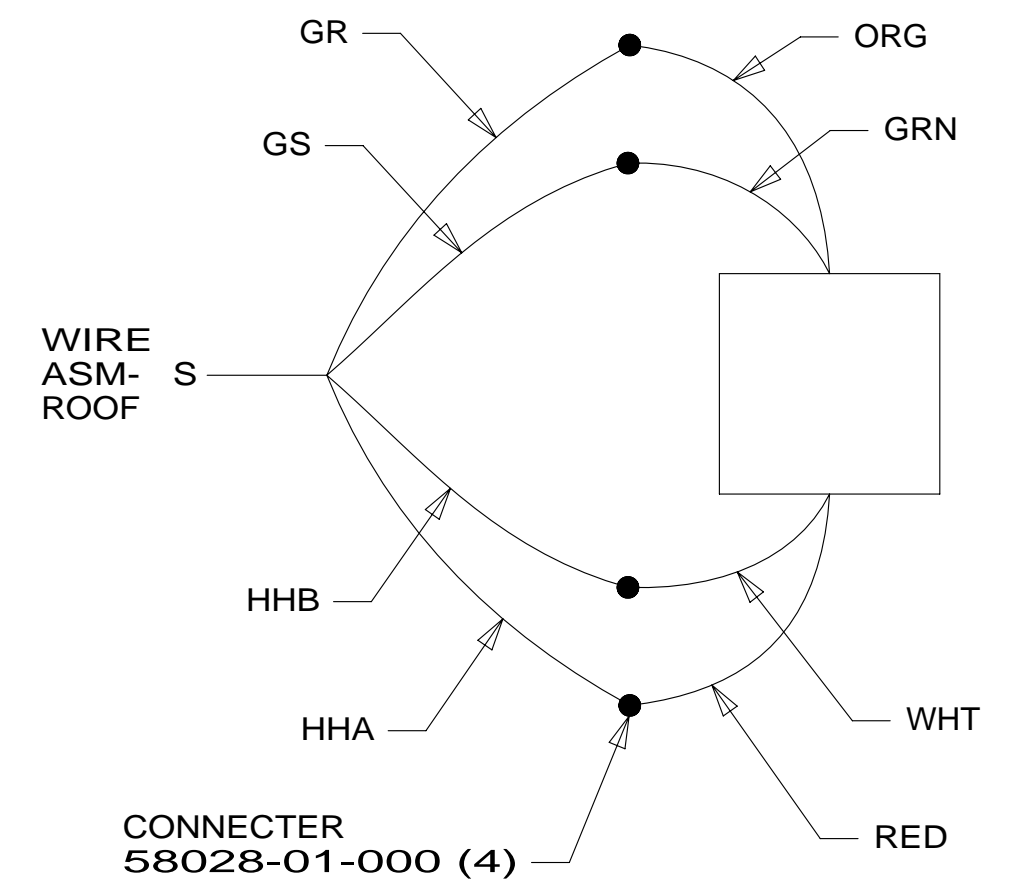
CONNECT CABLE ASM SATELLITE CONTROL FROM ROOF ASM TO SATELLITE DISH HERE

DETAIL GA 2

CONNECT CABLE ASM COAX (ORG-2) FROM ROOF ASM TO AUX INPUT ON SATELLITE DISH

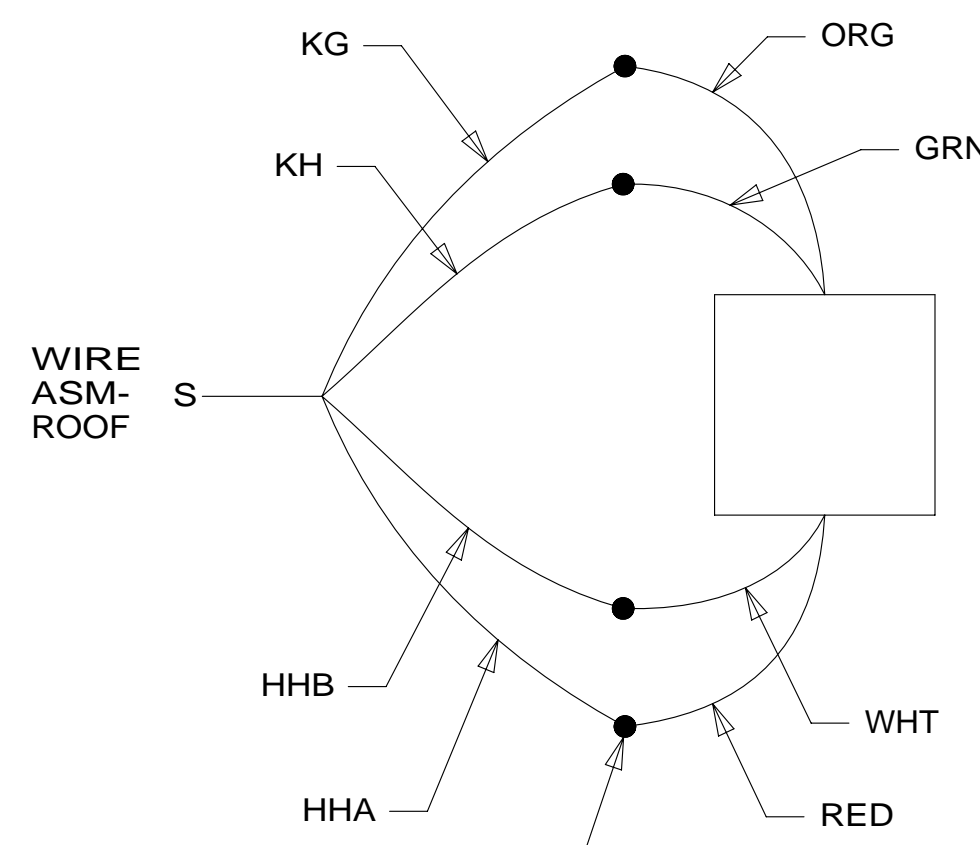
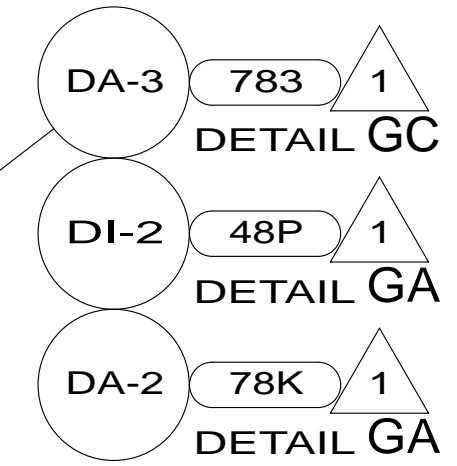
CONNECT CABLE ASM COAX (ORG) FROM ROOF ASM TO MAIN INPUT ON SATELLITE DISH

VIEW GB-GB

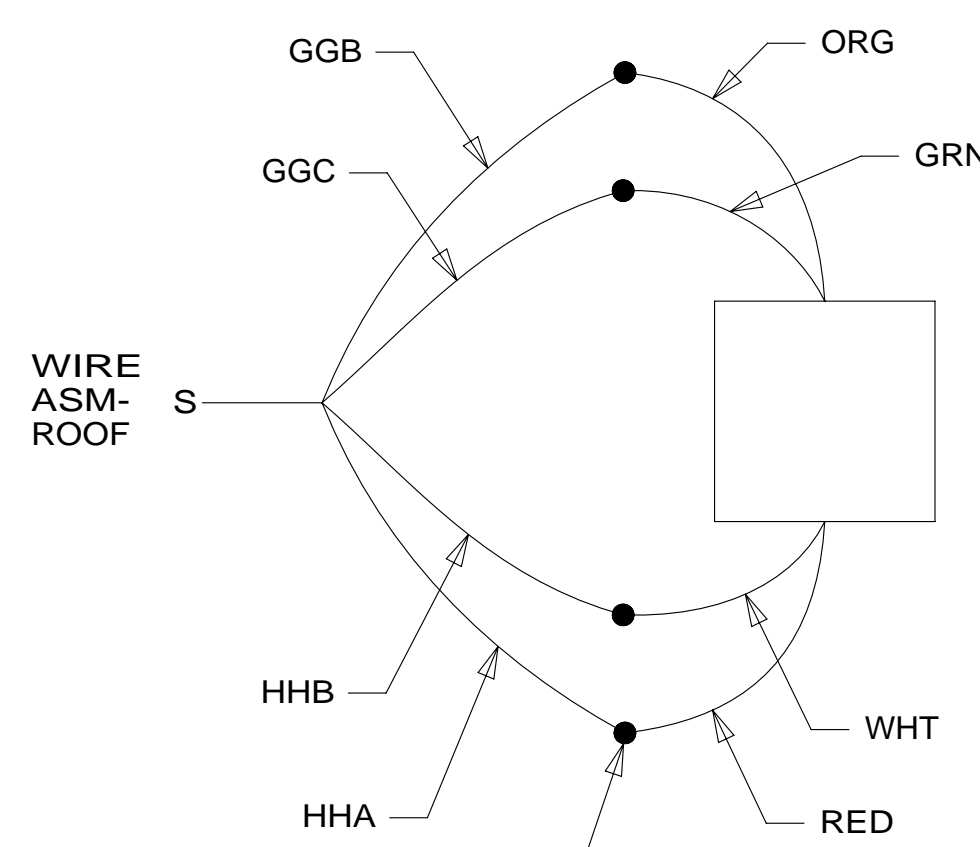


DETAIL GF

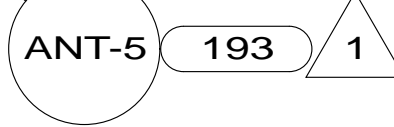
WIRING DETAIL GF



DETAIL GG



DETAIL GH



THE SATELLITE DISH AND WIRE CONNECTIONS ARE TO BE PLACED ON THE CENTERLINE OF THE MOTORHOME FACING FORWARD.

SEPARATE CABLES AND INSTALL WIRE COVER OVER HOLE IN ROOF ASM WITH CABLES EXITING ON PASSENGERS SIDE.

WHEN APPLYING ROOF SEALANT TO SATELLITE DISH, PLACE ROOF SEALANT HERE (APPROXIMATELY 75MM WIDE) AND PUSH THE CABLES INTO THE SEALANT TO STABILIZE THEM.

CONNECT CABLE ASM-COAX FROM ROOF ASM TO COAX CABLES ON SATELLITE DISH AS LISTED BELOW; ORG-1 TO "A", ORG-2 TO "B", ORG-3 TO "C", ORG-4 TO "D", AND CONNECT 10' CABLE-DATA FROM ROOF ASM TO DATA CABLE FROM SATELLITE DISH AND PLACE ALL CONNECTIONS BACK INTO ROOF ASM.

DETAIL GC

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

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

- 783 SATELLITE HD TV SYSTEM AUTOC
- 193 TV ANTENNA-AMPLIFIED SYSTEM
- 48P SAT TV SYSTEM IN-MOTION
- 29Q SOLAR PANEL - 10 WATT
- 25D STEREO SYSTEM/W/CD/DVD REAR
- 1D3 ENTERTAIN CENTR/EXT TV-DVD
- 78K SATELLITE DISH-AUTOMATIC
- 265 CODES/STANDARDS-CSA/CMVSS
- 1B1 CODES/STANDARDS USA

FIRST USED	
<b>13 P42E</b>	
<b>DO NOT SCALE DRAWING</b>	
<b>TITLE: WIRING INSTL-BODY,12V</b>	
SHEET 7	PART NO 182590 REV

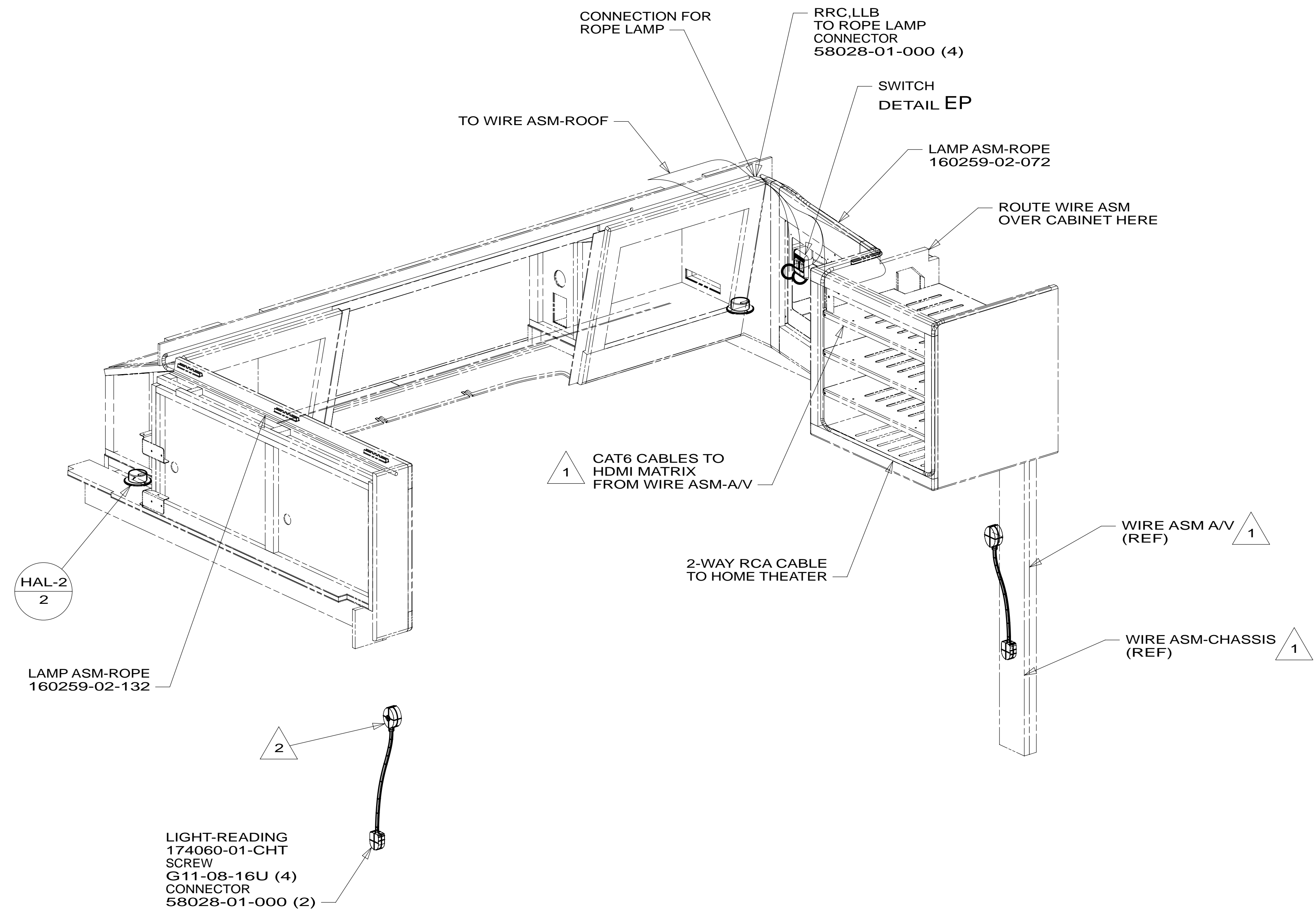
2 REMOVE ALL SHIPPING RESTRAINTS AND FIRMLY INSERT THE SUPPLIED PLUGS INTO THE APPROPRIATE SIZED HOLES AS SPECIFIED IN THE INSTALLATION PROCESS.

1 SEE MANUFACTURER'S INSTALLATION FOR ADDITIONAL INFORMATION.

NOTES:

\* 182590 \* A





NOTES:  
 2 WIRE IS FROM WIRE ASM-IP,MAIN. SEE WIRING INSTL-FRONT END FOR ADDITIONAL INFORMATION.  
 1 SEE WIRING INSTL-CHASSIS FOR ADDITIONAL INFORMATION.

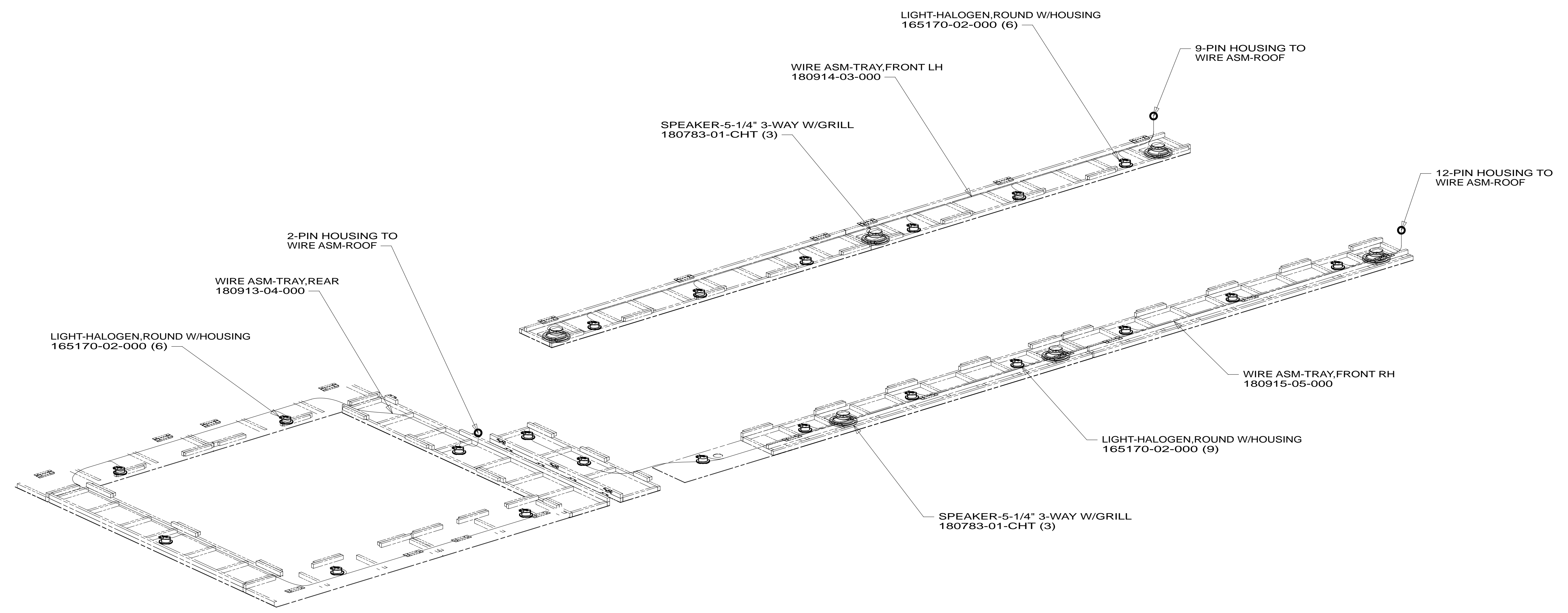
- 61E TV(FRONT)-26" COLOR STEREO
- 32V GENERATOR-START,AUTO SYS W/O
- 32W GENERATOR-START,AUTO SYSTEM
- 265 CODES/STANDARDS-CSA/CMVSS
- 1B1 CODES/STANDARDS USA

FIRST USED	
<b>13 P42E</b>	
<b>DO NOT SCALE DRAWING</b>	
<b>TITLE: WIRING INSTL-BODY,12V</b>	
SHEET 8	PART NO <b>182590</b> REV
26-Nov-2012	

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

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

\* 182590 \* A



265 CODES/STANDARDS-CSA/CMVSS

1B1 CODES/STANDARDS USA

1B1 265

FIRST USED **13 P42E**

DO NOT SCALE DRAWING

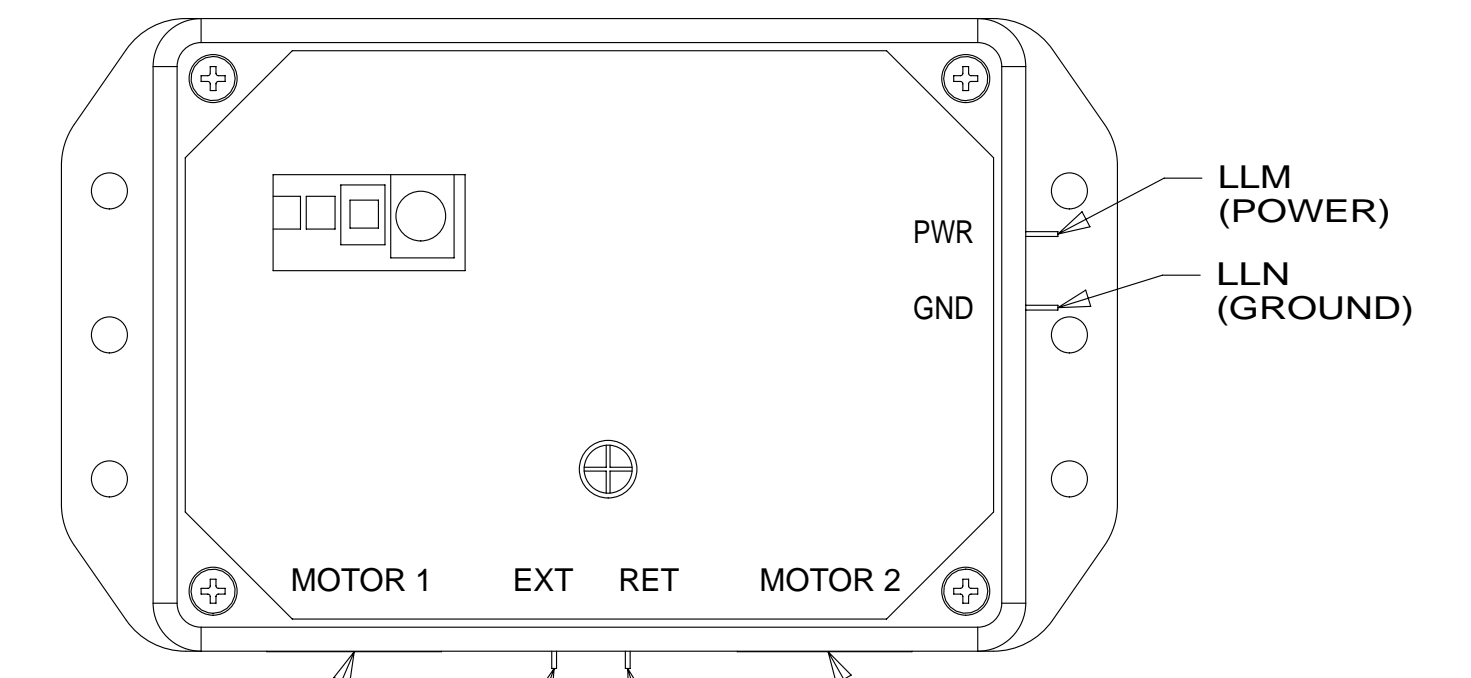
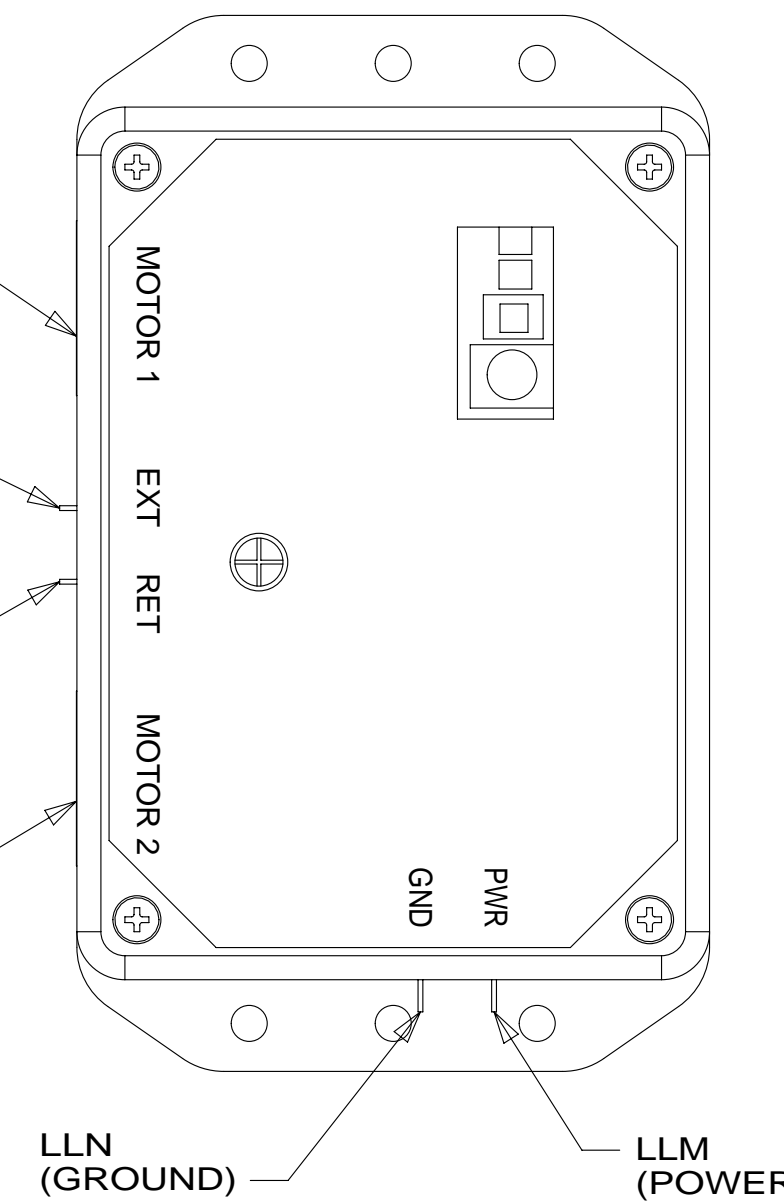
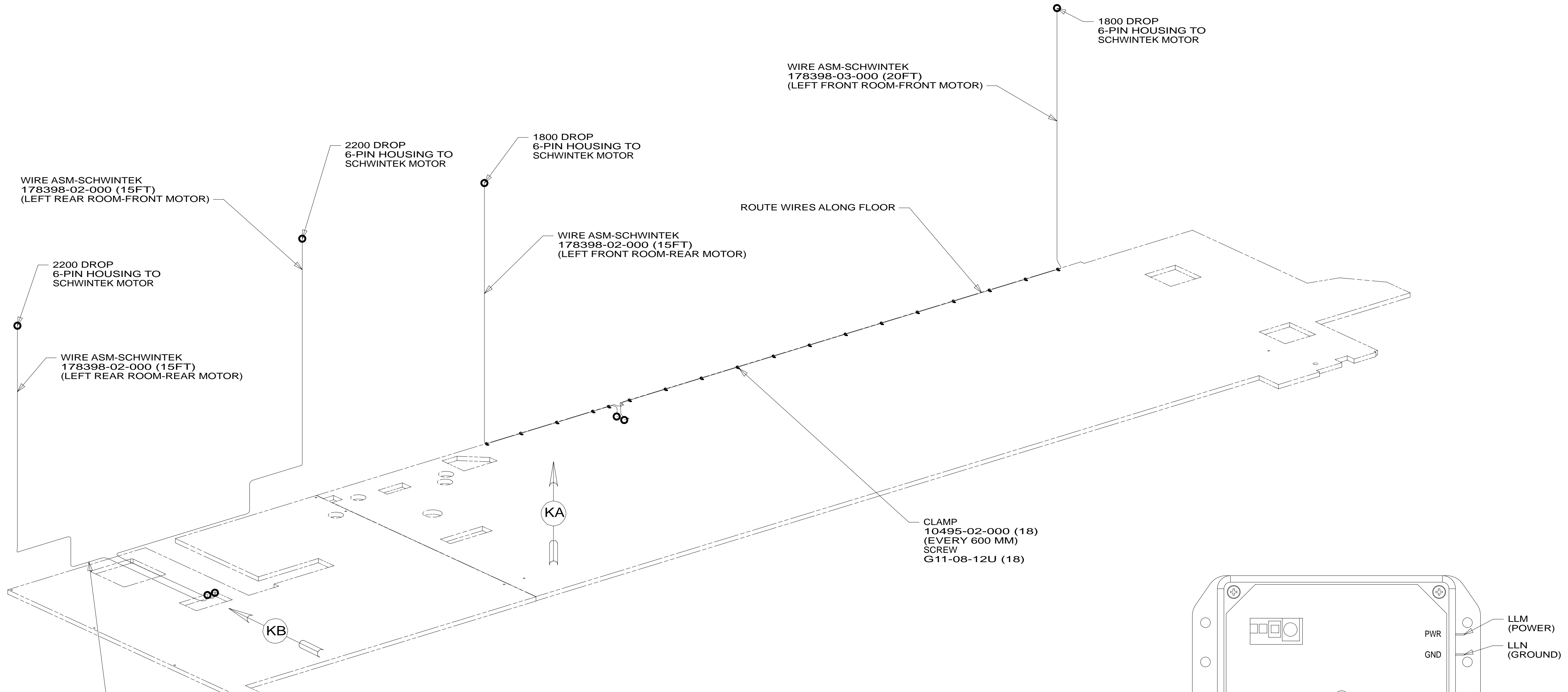
TITLE: **WIRING INSTL-BODY, 12V**

SHEET 9 PART NO **182590** REV

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

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

\* 182590 \* A



6-PIN HOUSING FROM LEFT FRONT ROOM FRONT MOTOR (20FT CABLE)

DR (EXTEND)

DV (RETRACT)

6-PIN HOUSING FROM LEFT FRONT ROOM REAR MOTOR (15FT CABLE)

6-PIN HOUSING FROM LEFT REAR ROOM FRONT MOTOR (15FT CABLE)

BBM (EXTEND)

BBN (RETRACT)

6-PIN HOUSING FROM LEFT REAR ROOM REAR MOTOR (15FT CABLE)

DETAIL KB

DETAIL KA

- 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

FIRST USED	
<b>13 P42E</b>	
DO NOT SCALE DRAWING	
TITLE: <b>WIRING INSTL-BODY, 12V</b>	
SHEET 10	PART NO <b>182590</b> REV