



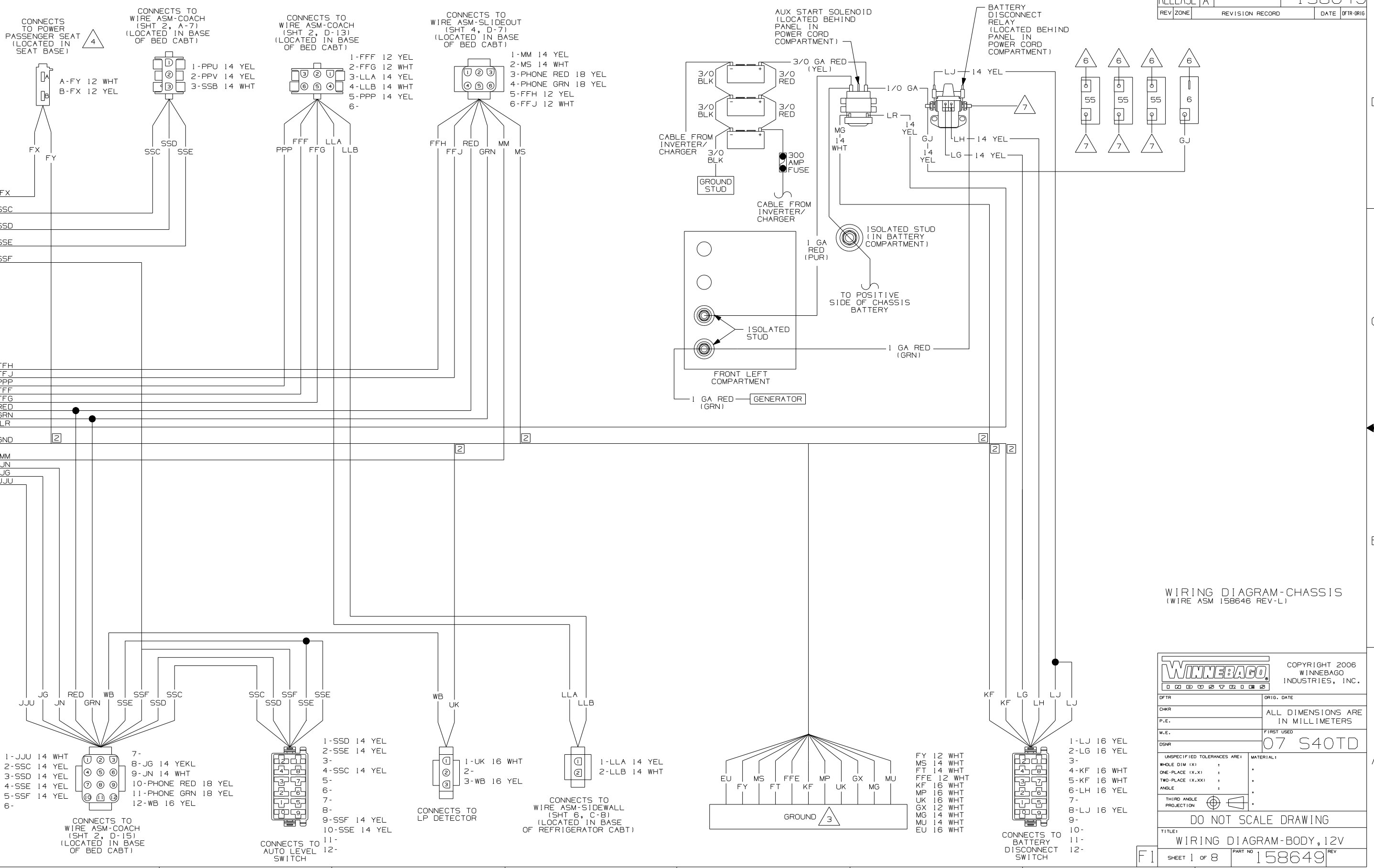
DANGER

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.



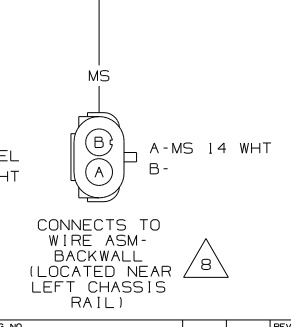
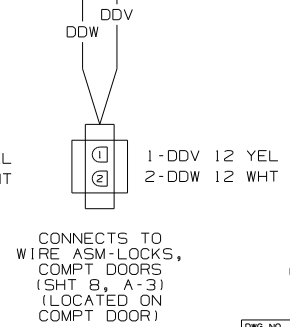
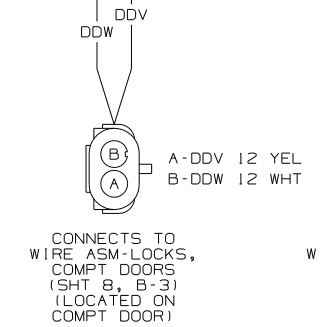
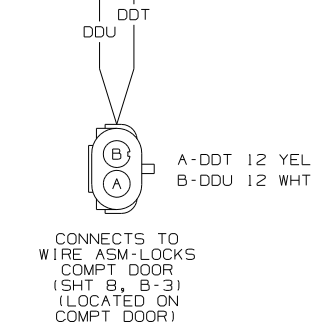
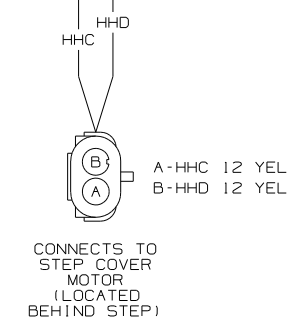
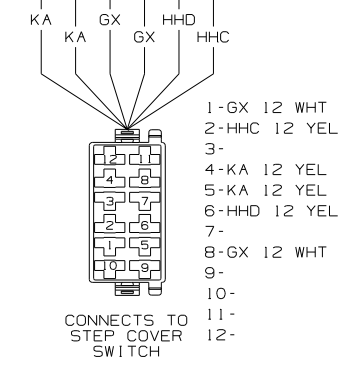
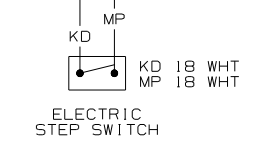
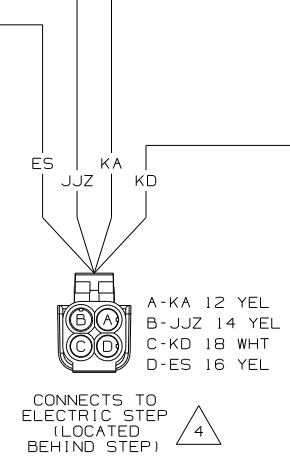
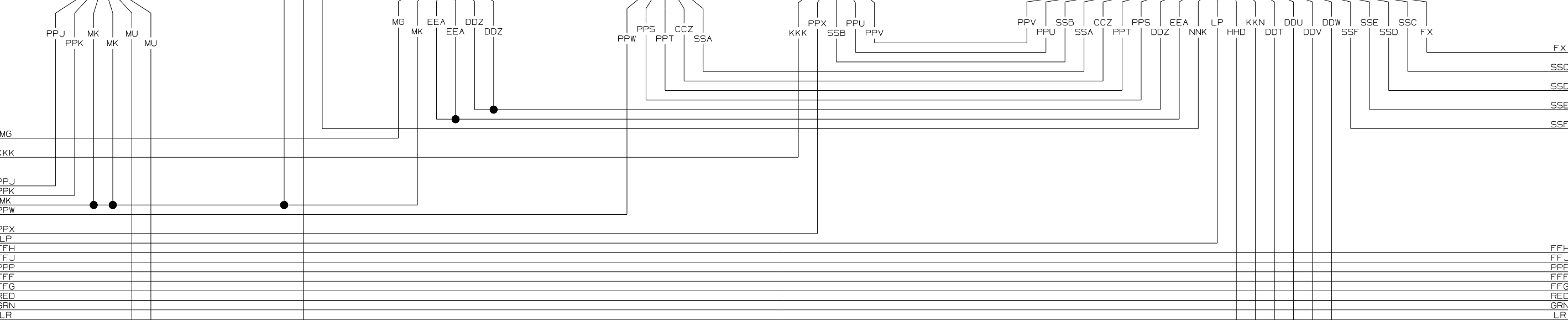
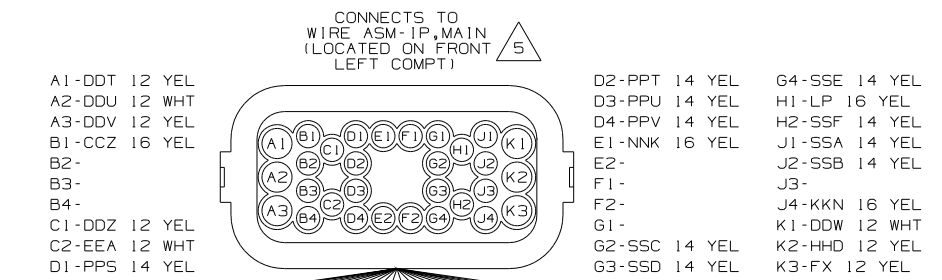
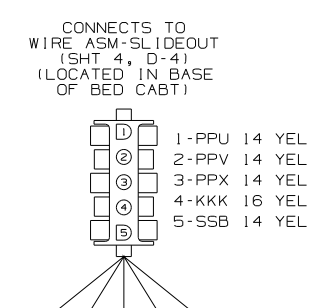
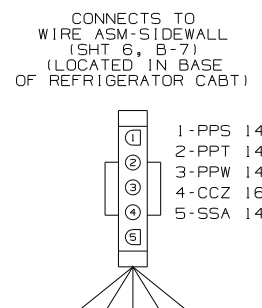
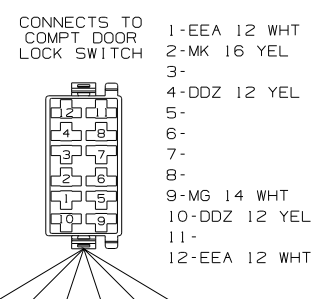
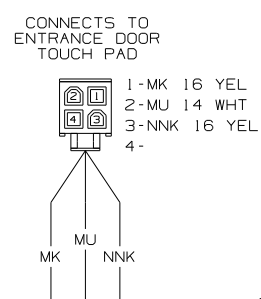
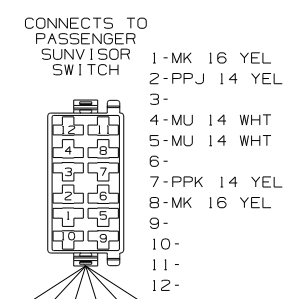
CAUTION

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.

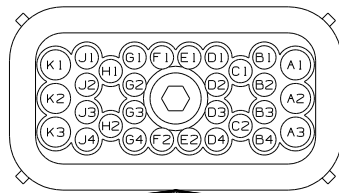


WIRING DIAGRAM-CHASSIS
(WIRE ASM 158646 REV-L)

WINNEBAGO		COPYRIGHT 2006 WINNEBAGO INDUSTRIES, INC.	
DFTR	ORIG. DATE	ALL DIMENSIONS ARE IN MILLIMETERS	
CHR		FIRST USED	
P.E.		07 S40TD	
M.E.		UNSPECIFIED TOLERANCES ARE:	
DSNR		MATERIAL:	
		WHOLE DIM (X)	:
		ONE-PLACE (X.X)	:
		TWO-PLACE (X.XX)	:
		ANGLE	:
		THIRD ANGLE PROJECTION	⊕
DO NOT SCALE DRAWING			
TITLE: WIRING DIAGRAM-BODY, 12V			
SHEET 1 of 8	PART NO	158649	REV



CONNECTS TO WIRE ASM-IP, MAIN (LOCATED ON FRONT LEFT COMPT)



- A1 -
- A2 -
- A3-FS 14 YEL
- B1-BBM 16 YEL
- B2-BBN 16 YEL
- B3-CCY 16 YEL
- B4-KKK 16 YEL
- C1-DDA 16 YEL
- C2-PPJ 14 YEL
- D1-LL 16 WHT

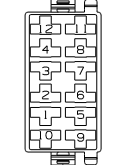
- D2-LM 16 WHT
- D3-LN 16 WHT
- D4-HU 16 YEL
- E1-MM 14 YEL
- E2-WC 16 YEL
- F1-MK 16 YEL
- F2-LR 14 YEL
- G1-PPW 14 YEL
- G2 -
- G3 -
- G4-PPP 14 YEL
- H1-PPK 14 YEL
- H2-PX 16 YEL
- J1-PJ 16 YEL
- J2-JJZ 14 YEL
- J3-ER 16 YEL
- J4-PY 16 YEL
- K1-FFD 12 YEL
- K2-KA 12 YEL
- K3 -

DOOR AWNING RELAY



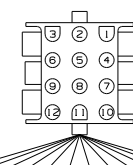
- 30-FFD 12 YEL
- 85-FFE 12 WHT
- 86-JJZ 14 YEL
- 87 -
- 87A-SSX 12 YEL

CONNECTS TO LOUNGE CEILING LAMP SWITCH



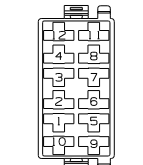
- 1-FFW 14 YEL
- 2-PL 14 YEL
- 3 -
- 4-FFX 14 YEL
- 5 -
- 6 -
- 7 -
- 8 -
- 9 -
- 10 -
- 11 -
- 12 -

CONNECTS TO WIRE ASM-COACH (SHT 2, A-24) (LOCATED IN BASE OF BED CABT)

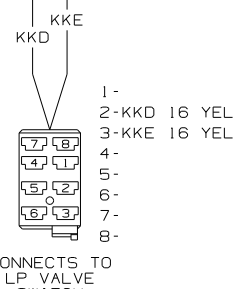
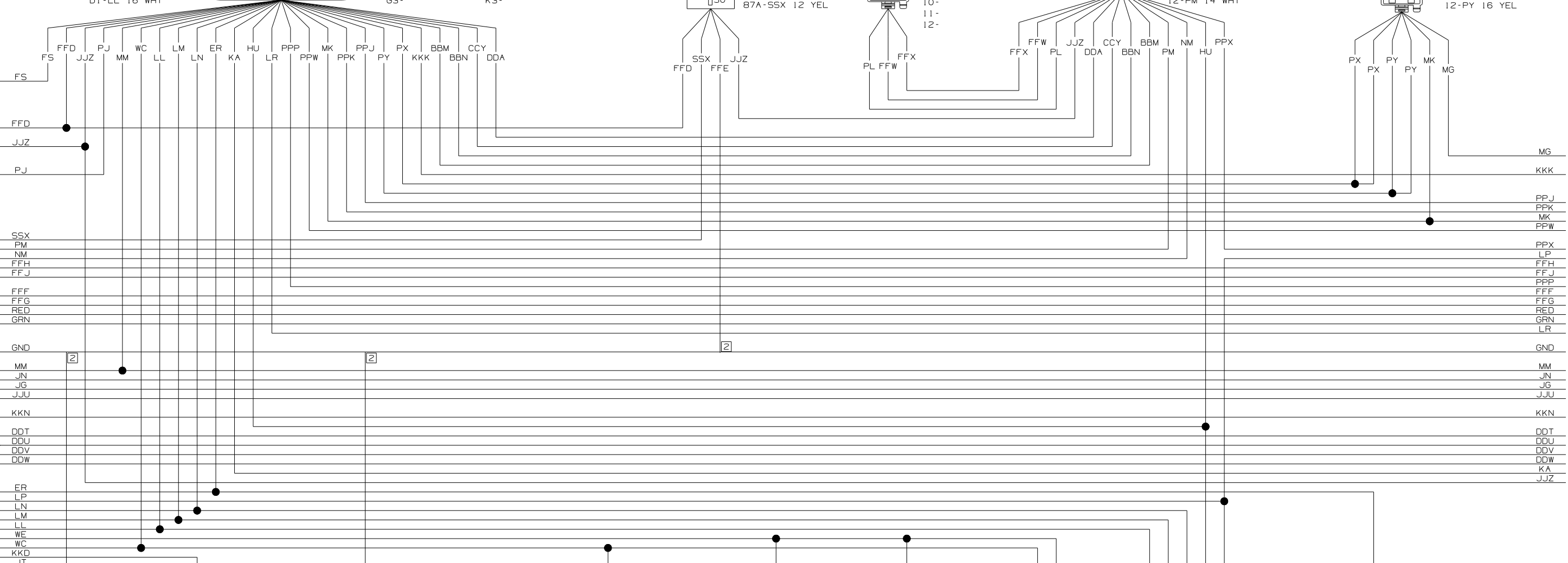


- 1-BBM 16 YEL
- 2-BBN 16 YEL
- 3-DDA 16 YEL
- 4-CCY 16 YEL
- 5-PPX 14 YEL
- 6-PL 14 YEL
- 7-FFW 14 YEL
- 8-FFX 14 YEL
- 9-JJZ 14 YEL
- 10-HU 16 YEL
- 11-NM 14 YEL
- 12-PM 14 WHT

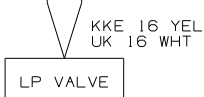
CONNECTS TO DOOR LOCK SWITCH



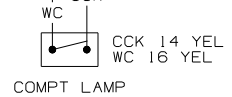
- 1-PY 16 YEL
- 2-MK 16 YEL
- 3 -
- 4-PX 16 YEL
- 5 -
- 6 -
- 7 -
- 8 -
- 9-MG 14 WHT
- 10-PX 16 YEL
- 11 -
- 12-PY 16 YEL



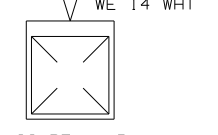
CONNECTS TO LP VALVE SWITCH



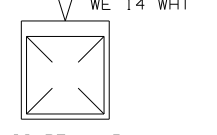
- 1-KKE 16 YEL
- 2-KKD 16 YEL
- 3-KKE 16 YEL
- 4 -
- 5 -
- 6 -
- 7 -
- 8 -



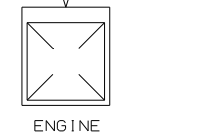
COMPT LAMP SWITCH



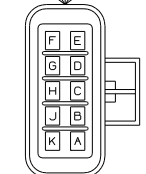
COMPT LAMP



COMPT LAMP



ENGINE COMPT LAMP



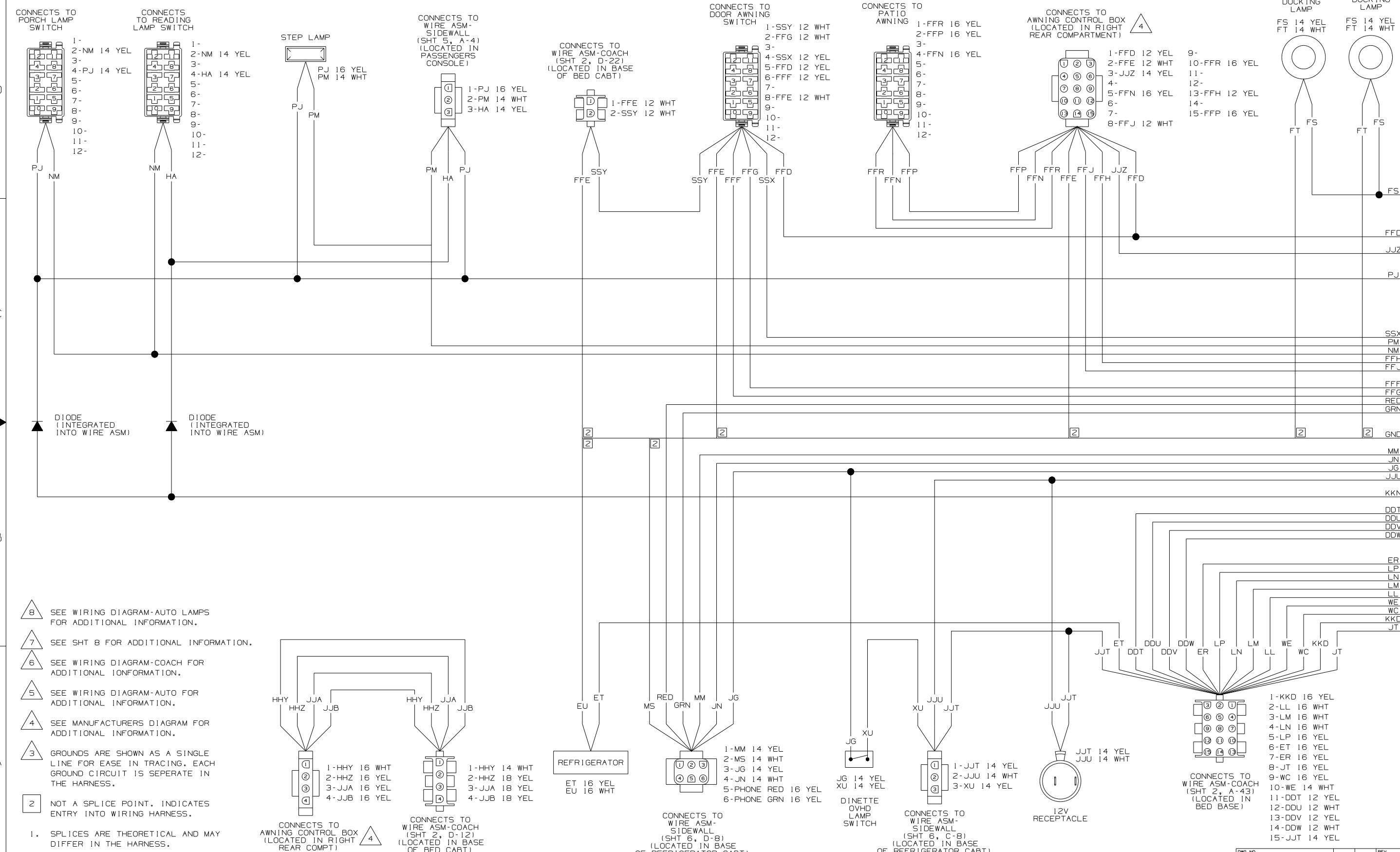
CONNECTS TO GENERATOR

- A-LN 16 WHT
- B-HU 16 YEL
- C-LL 16 WHT
- D -
- E-LM 16 WHT
- F-LP 16 YEL
- G -
- H -
- J -
- K -

CONNECTS TO STEP SWITCH



- 1 -
- 2-ER 16 YEL
- 3 -
- 4-ES 16 YEL
- 5 -
- 6 -
- 7 -
- 8 -
- 9 -
- 10 -
- 11 -
- 12 -



- 8 SEE WIRING DIAGRAM-AUTO LAMPS FOR ADDITIONAL INFORMATION.
 - 7 SEE SHT 8 FOR ADDITIONAL INFORMATION.
 - 6 SEE WIRING DIAGRAM-COACH FOR ADDITIONAL INFORMATION.
 - 5 SEE WIRING DIAGRAM-AUTO FOR ADDITIONAL INFORMATION.
 - 4 SEE MANUFACTURERS DIAGRAM FOR ADDITIONAL INFORMATION.
 - 3 GROUNDS ARE SHOWN AS A SINGLE LINE FOR EASE IN TRACING. EACH GROUND CIRCUIT IS SEPERATE IN THE HARNESS.
 - 2 NOT A SPLICE POINT. INDICATES ENTRY INTO WIRING HARNESS.
- NOTES:
 1. SPLICES ARE THEORETICAL AND MAY DIFFER IN THE HARNESS.

CONNECTS TO AUTO LEVEL SWITCH

- 1-SSD 14 YEL
- 2-SSE 14 YEL
- 3-SSC 14 YEL
- 4-
- 5-
- 6-
- 7-SSF 14 YEL
- 8-SSE 14 YEL

CONNECTS TO WIRE ASM-CHASSIS (SHT 1, A-8) (LOCATED IN BASE OF BED CABT)

- 1-JJU 14 WHT
- 2-SSC 14 YEL
- 3-SSD 14 YEL
- 4-SSE 14 YEL
- 5-SSF 14 YEL
- 6-

- 7-
- 8-JG 14 YEL
- 9-JN 14 WHT
- 10-PHONE RED 18 YEL
- 11-PHONE GRN 18 YEL
- 12-WB 16 YEL

PHONE RED 18 YEL
PHONE GRN 18 YEL

PHONE INPUT

CONNECTS TO WIRE ASM-CHASSIS (SHT 1, D-7) (LOCATED IN BASE OF BED CABT)

- 1-FFF 12 YEL
- 2-FFG 12 WHT
- 3-LLA 14 YEL
- 4-LLB 14 WHT
- 5-PPP 14 YEL
- 6-

CONNECTS TO WIRE ASM-CHASSIS (SHT 1, A-30) (LOCATED IN BED BASE)

- 1-HHY 16 WHT
- 2-HHZ 16 YEL
- 3-JJA 16 YEL
- 4-JJB 16 YEL

CONNECTS TO WIRE ASM-ROOF (SHT 3, D-16) (LOCATED BEHIND 110V BREAKER PANEL)

- 1-HHY 16 WHT
- 2-HHZ 16 YEL
- 3-JJA 16 YEL
- 4-JJB 16 YEL

COMPT LAMP SWITCH

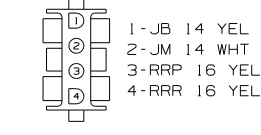
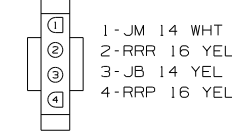
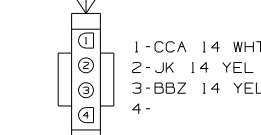
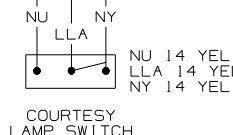
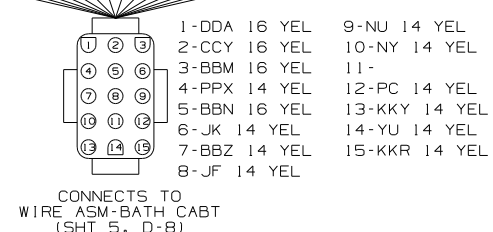
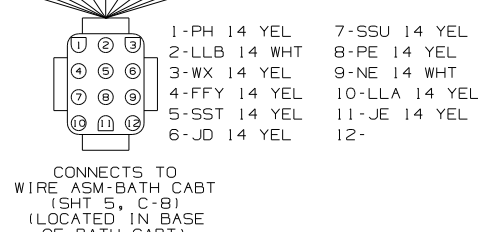
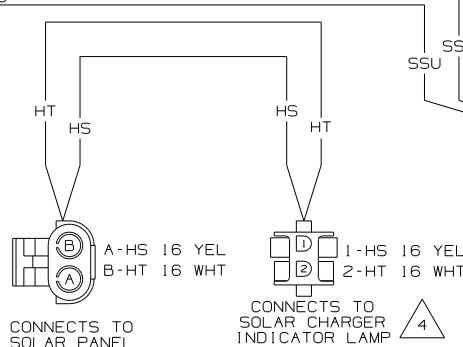
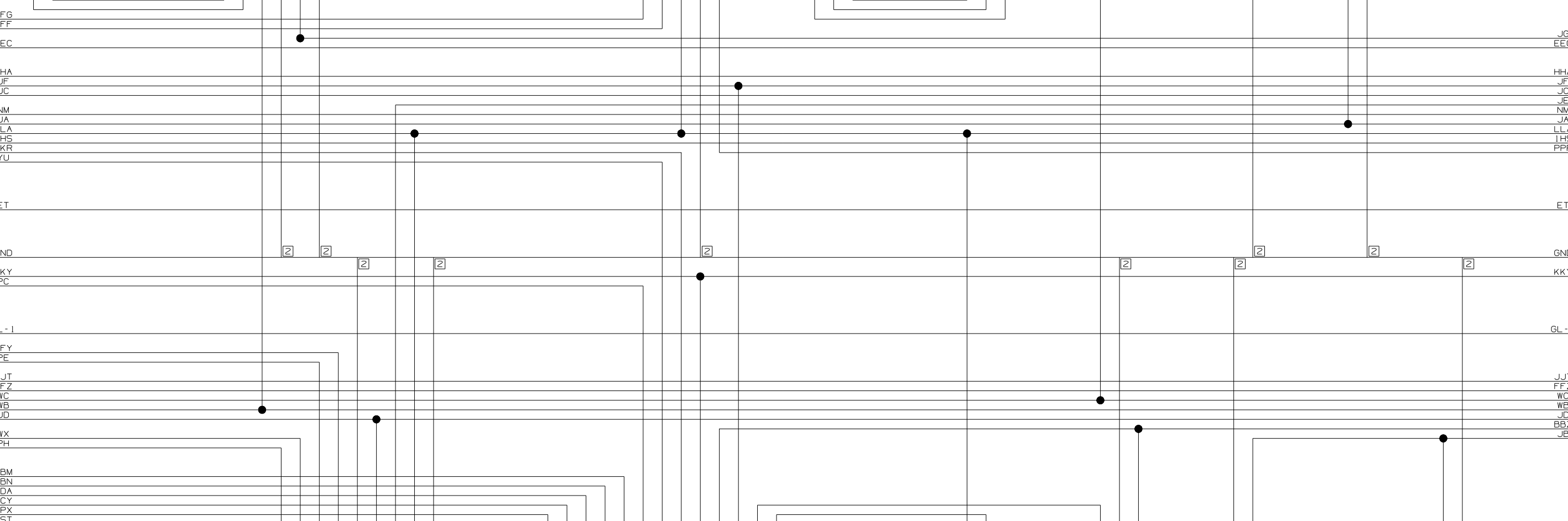
- CCJ 14 YEL
- WC 14 YEL

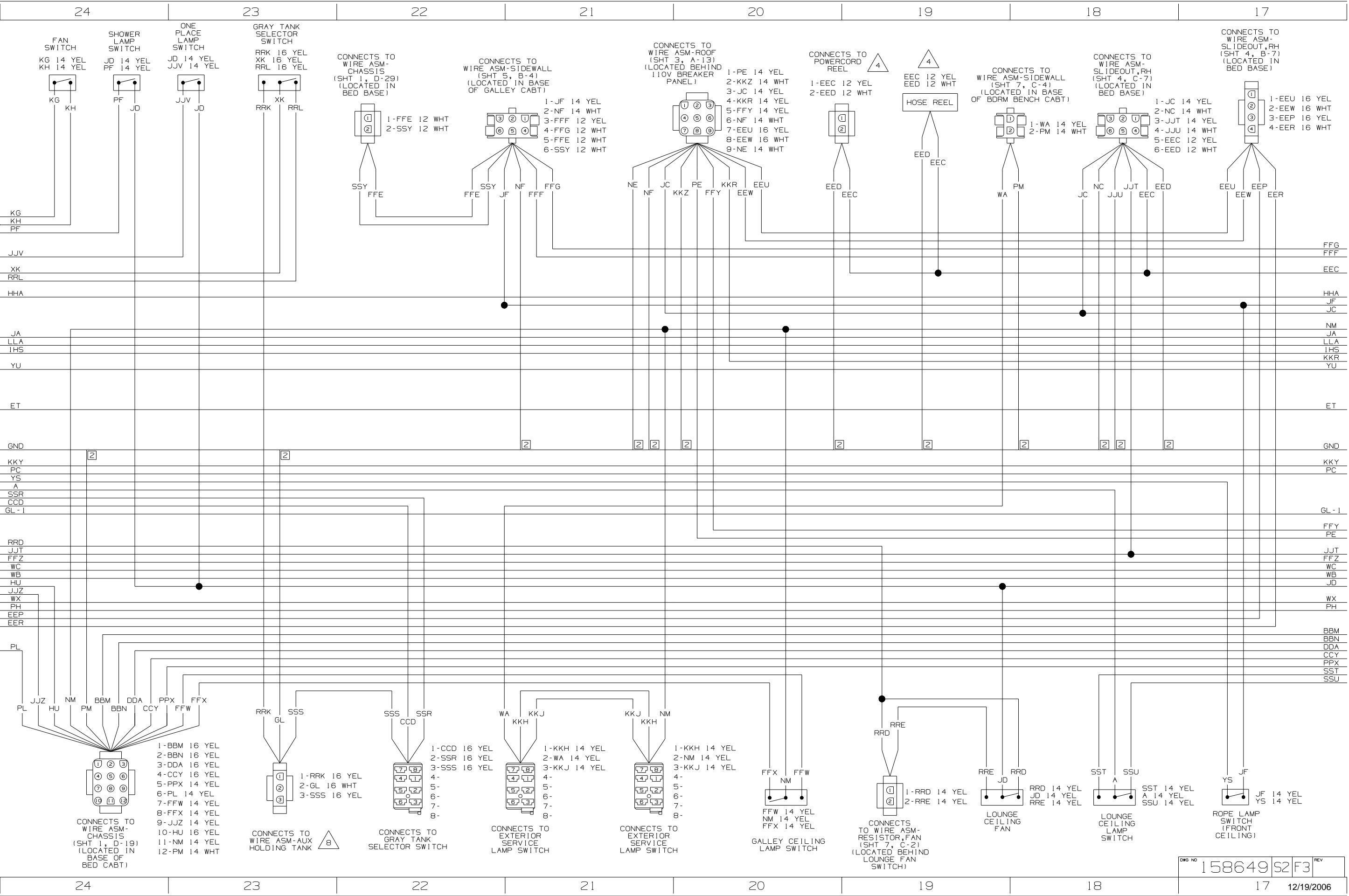
COMPT LAMP

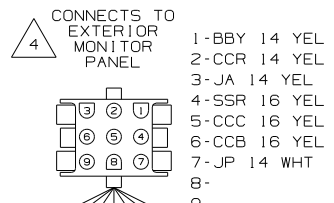
- CCJ 14 YEL
- WE 14 WHT

BASEMENT FREEZER 12V RECEPTACLE

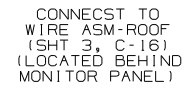
- JA 14 YEL
- JP 14 WHT



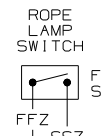




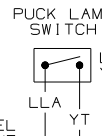
- 1-BBY 14 YEL
- 2-CCR 14 YEL
- 3-JA 14 YEL
- 4-SSR 16 YEL
- 5-CCC 16 YEL
- 6-CCB 16 YEL
- 7-JP 14 WHT
- 8-
- 9-



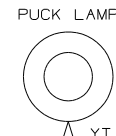
- 1-JJV 14 YEL
- 2-YS 14 YEL
- 3-GGA 14 WHT
- 4-GR 14 YEL
- 5-GS 14 YEL
- 6-RRD 14 YEL
- 7-PL 14 YEL
- 8-A 14 YEL
- 9-SSZ 14 YEL



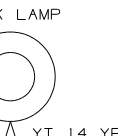
- FFZ 14 YEL
- SSZ 14 YEL



- LLA 14 YEL
- YT 14 YEL



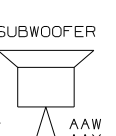
- SSZ 14 YEL
- GGA 14 WHT



- YT 14 YEL
- LLB 14 WHT



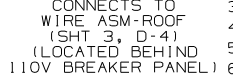
- YT 14 YEL
- LLB 14 WHT



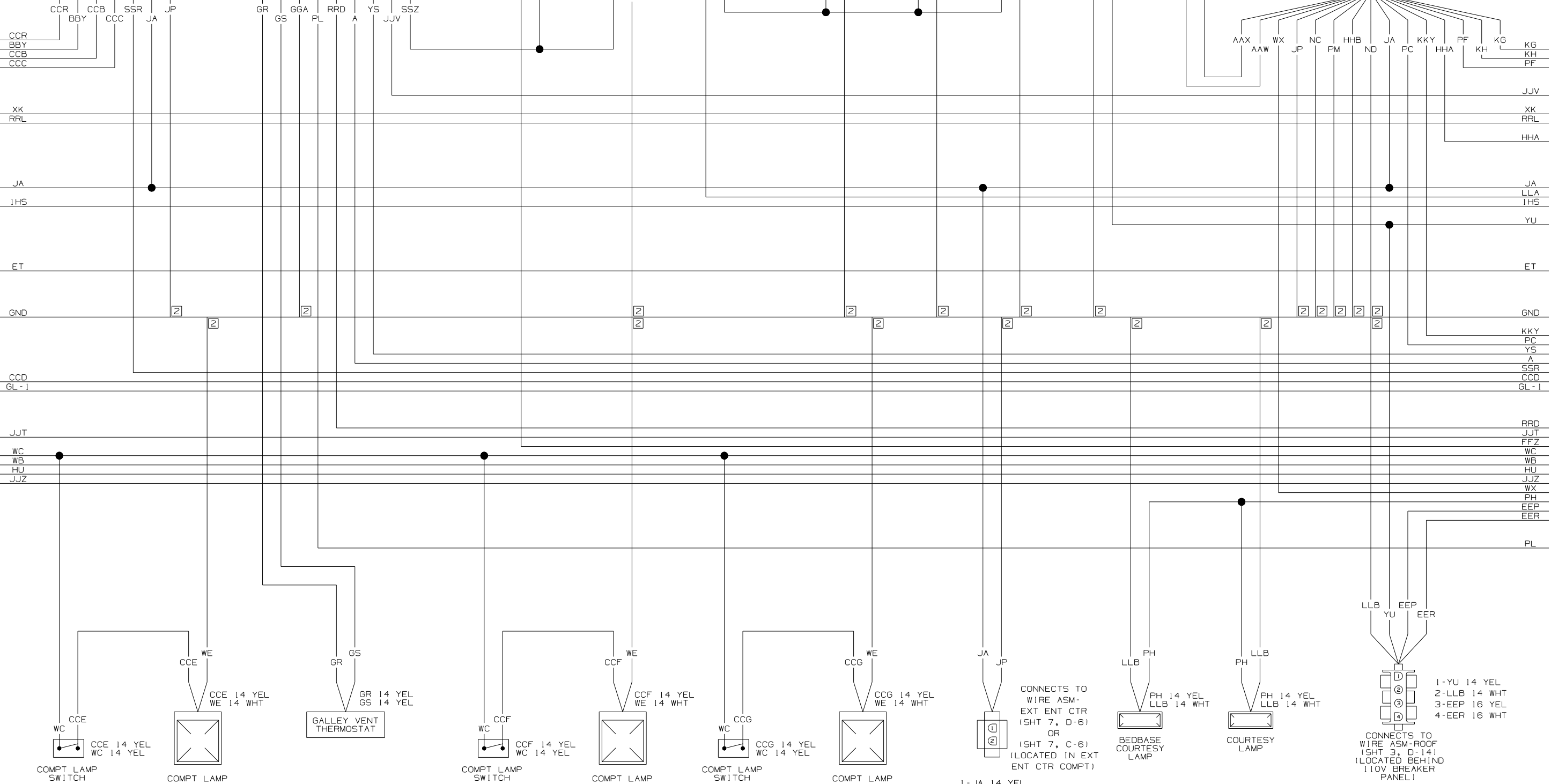
- YU 14 YEL
- LLB 14 WHT



- AAW 16 YEL
- AAX 16 WHT



- 1-JA 14 YEL
- 2-JP 14 WHT
- 3-PC 14 YEL
- 4-NC 14 WHT
- 5-AAW 16 YEL
- 6-PM 14 WHT
- 7-AAX 16 WHT
- 8-WX 14 YEL
- 9-HHA 14 YEL
- 10-HHB 14 WHT
- 11-KH 14 YEL
- 12-KG 14 YEL
- 13-KKY 14 YEL
- 14-ND 14 WHT
- 15-PF 14 YEL



COMPT LAMP SWITCH

COMPT LAMP

GALLEY VENT THERMOSTAT

COMPT LAMP SWITCH

COMPT LAMP

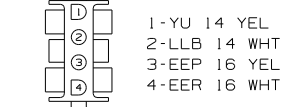
COMPT LAMP SWITCH

COMPT LAMP

1-JA 14 YEL
2-JP 14 WHT

BEDBASE COURTESY LAMP

COURTESY LAMP



- 1-YU 14 YEL
- 2-LLB 14 WHT
- 3-EEP 16 YEL
- 4-EER 16 WHT

- 1-JA 14 YEL
- 2-ER 16 YEL
- 3-GL 16 WHT
- 4-XH 16 YEL
- 5-XJ 16 YEL
- 6-RRL 16 YEL
- 7-AG 12 YEL
- 8-JS 12 YEL
- 9-AF 12 YEL
- 10-
- 11-
- 12-JT 16 YEL
- 13-JW 14 YEL
- 14-
- 15-JU 14 YEL

CONNECTS TO MONITOR PANEL 


CONNECTS TO WATER HEATER 

WATER HEATER SWITCH

CONNECTS TO WATER PUMP 

CONNECTS TO WATER PUMP SWITCH

CONNECTS TO WIRE ASM-AUX HOLDING 

CONNECTS TO WIRE ASM-MAIN HOLDING 

CONNECTS TO WIRE ASM-WATER TANK 

CONNECTS TO MONITOR PANEL SWITCH

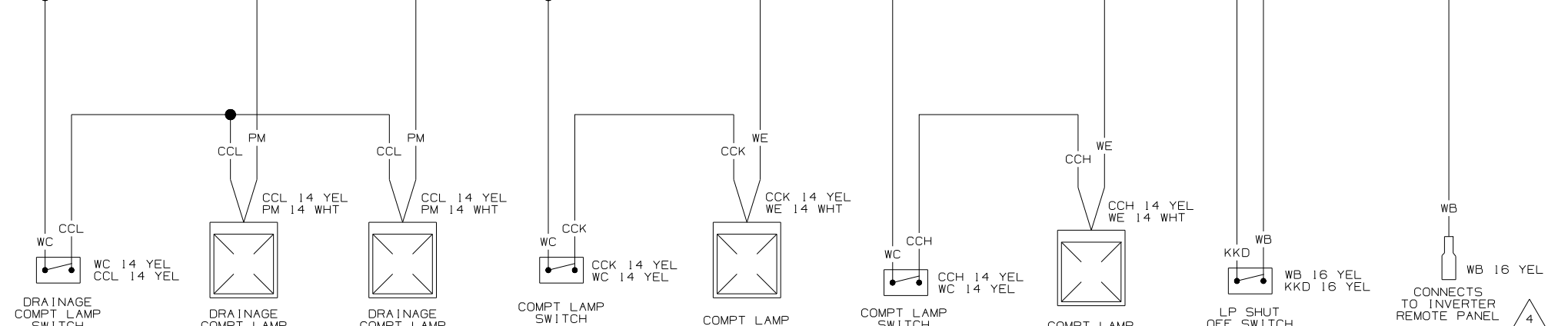
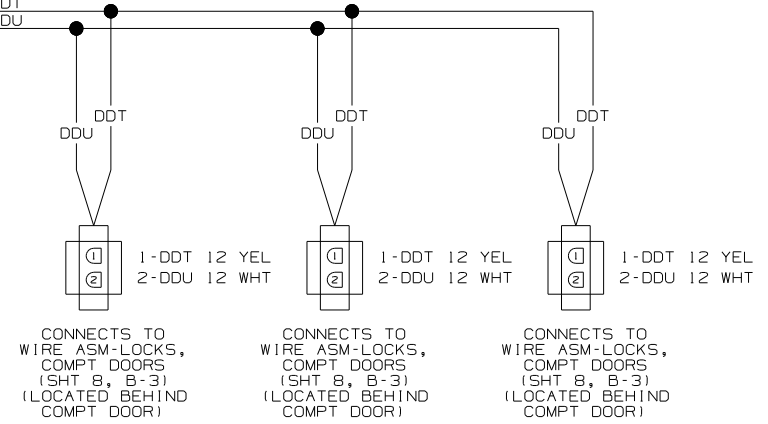
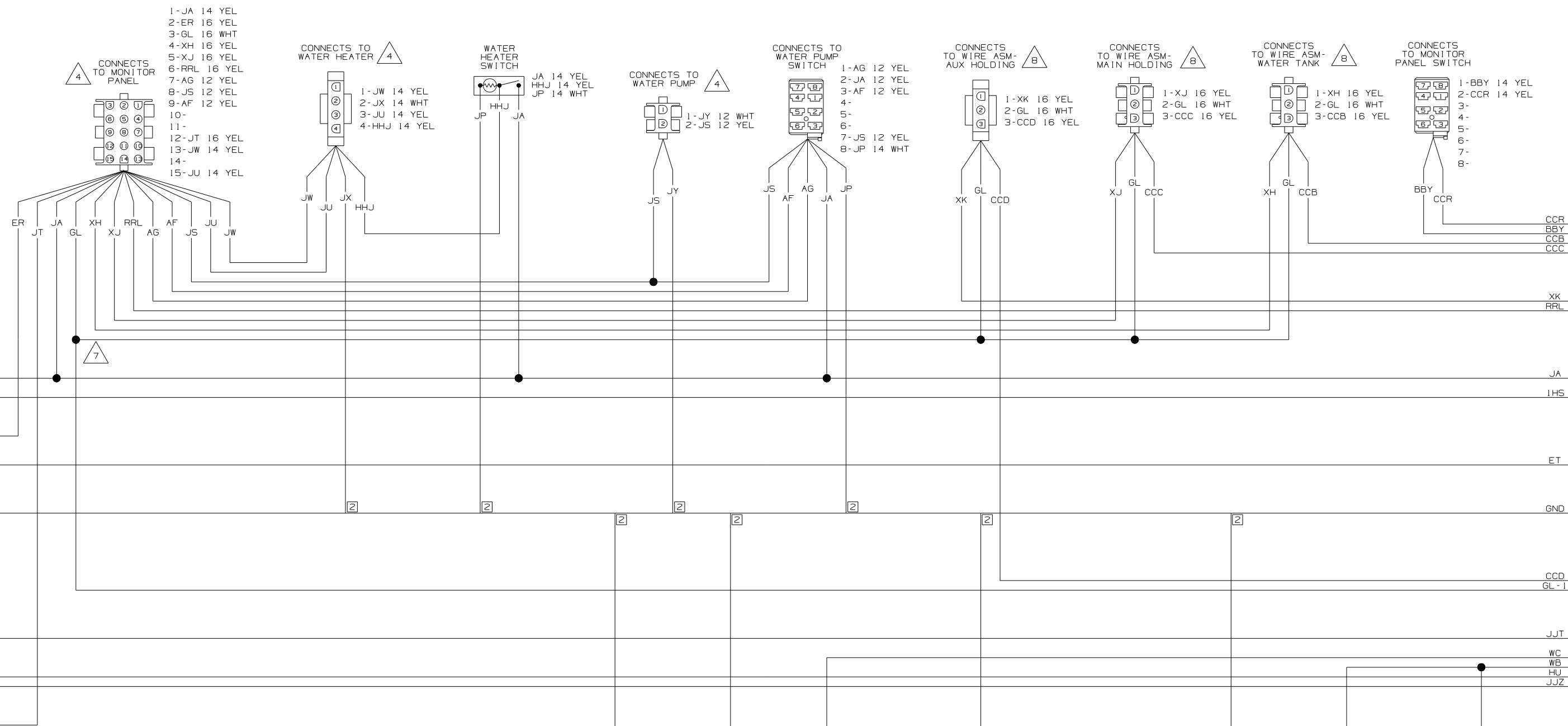
- 1-AG 12 YEL
- 2-JA 12 YEL
- 3-AF 12 YEL
- 4-
- 5-
- 6-
- 7-JS 12 YEL
- 8-JP 14 WHT

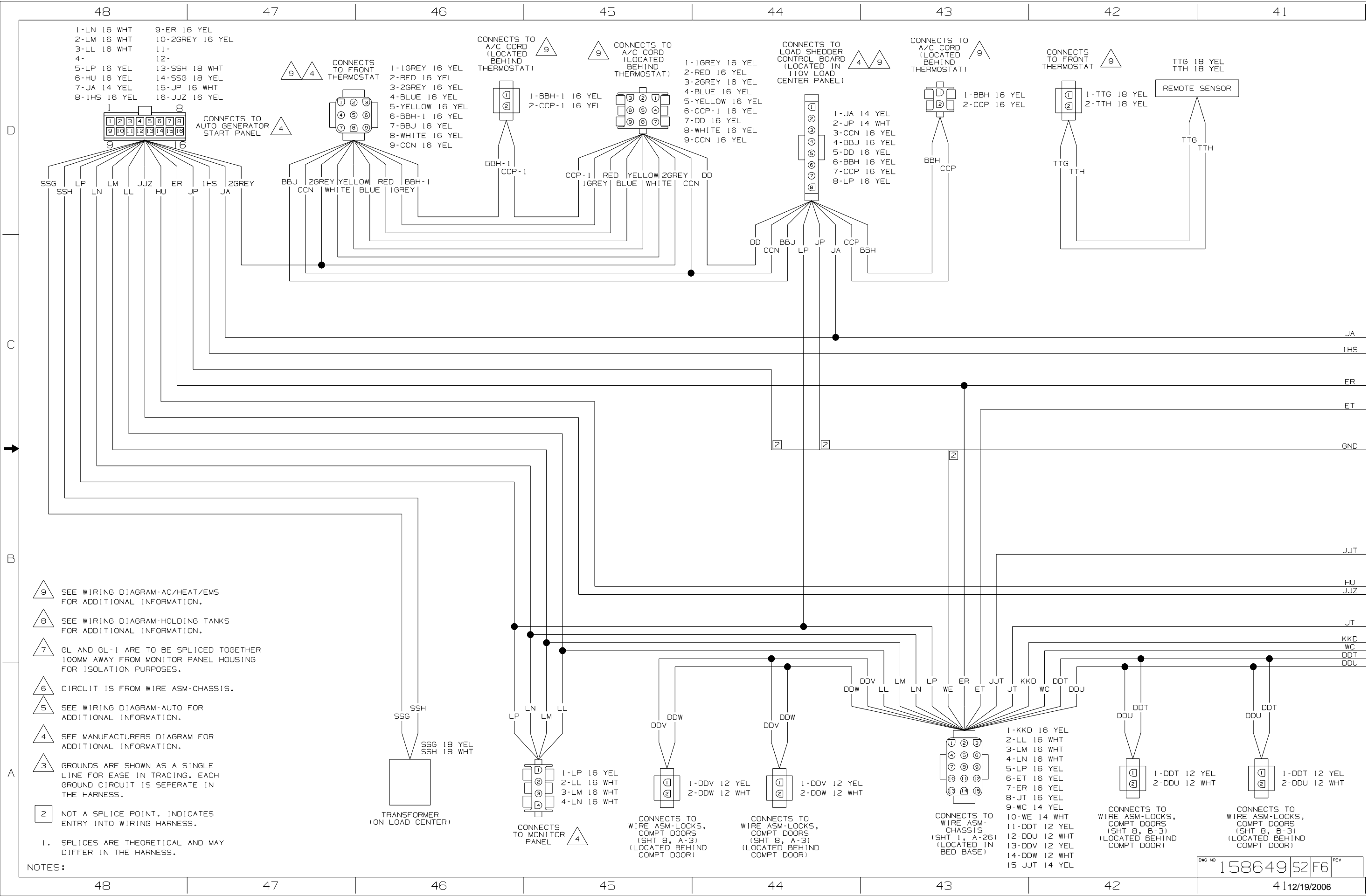
- 1-XK 16 YEL
- 2-GL 16 WHT
- 3-CCD 16 YEL

- 1-XJ 16 YEL
- 2-GL 16 WHT
- 3-CCC 16 YEL

- 1-XH 16 YEL
- 2-GL 16 WHT
- 3-CCB 16 YEL

- 1-BBY 14 YEL
- 2-CCR 14 YEL
- 3-
- 4-
- 5-
- 6-
- 7-
- 8-





- 1-LN 16 WHT
- 2-LM 16 WHT
- 3-LL 16 WHT
- 4-
- 5-LP 16 YEL
- 6-HU 16 YEL
- 7-JA 14 YEL
- 8-IHS 16 YEL
- 9-ER 16 YEL
- 10-2GREY 16 YEL
- 11-
- 12-
- 13-SSH 18 WHT
- 14-SSG 18 YEL
- 15-JP 16 WHT
- 16-JJZ 16 YEL

- 1-1GREY 16 YEL
- 2-RED 16 YEL
- 3-2GREY 16 YEL
- 4-BLUE 16 YEL
- 5-YELLOW 16 YEL
- 6-BBH-1 16 YEL
- 7-BBJ 16 YEL
- 8-WHITE 16 YEL
- 9-CCN 16 YEL

- 1-BBH-1 16 YEL
- 2-CCP-1 16 YEL

- 3-2 16 YEL
- 4-1 16 YEL
- 5-3 16 YEL
- 6-4 16 YEL
- 7-6 16 YEL
- 8-5 16 YEL
- 9-7 16 YEL

- 1-1GREY 16 YEL
- 2-RED 16 YEL
- 3-2GREY 16 YEL
- 4-BLUE 16 YEL
- 5-YELLOW 16 YEL
- 6-CCP-1 16 YEL
- 7-DD 16 YEL
- 8-WHITE 16 YEL
- 9-CCN 16 YEL

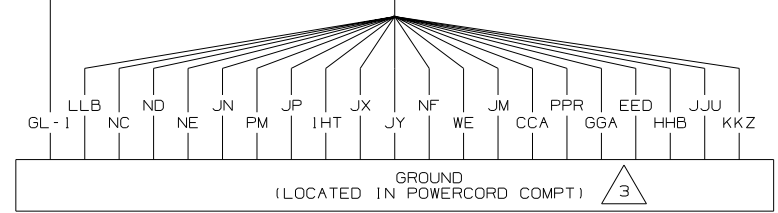
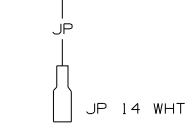
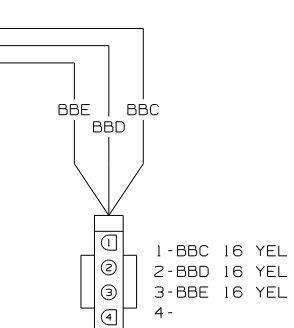
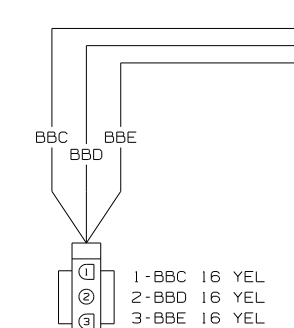
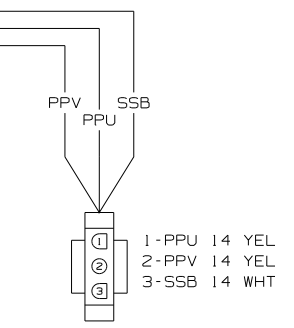
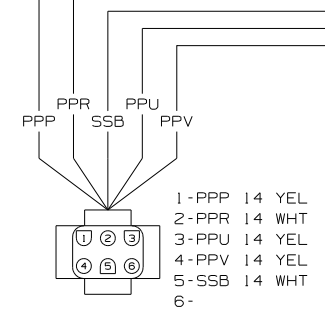
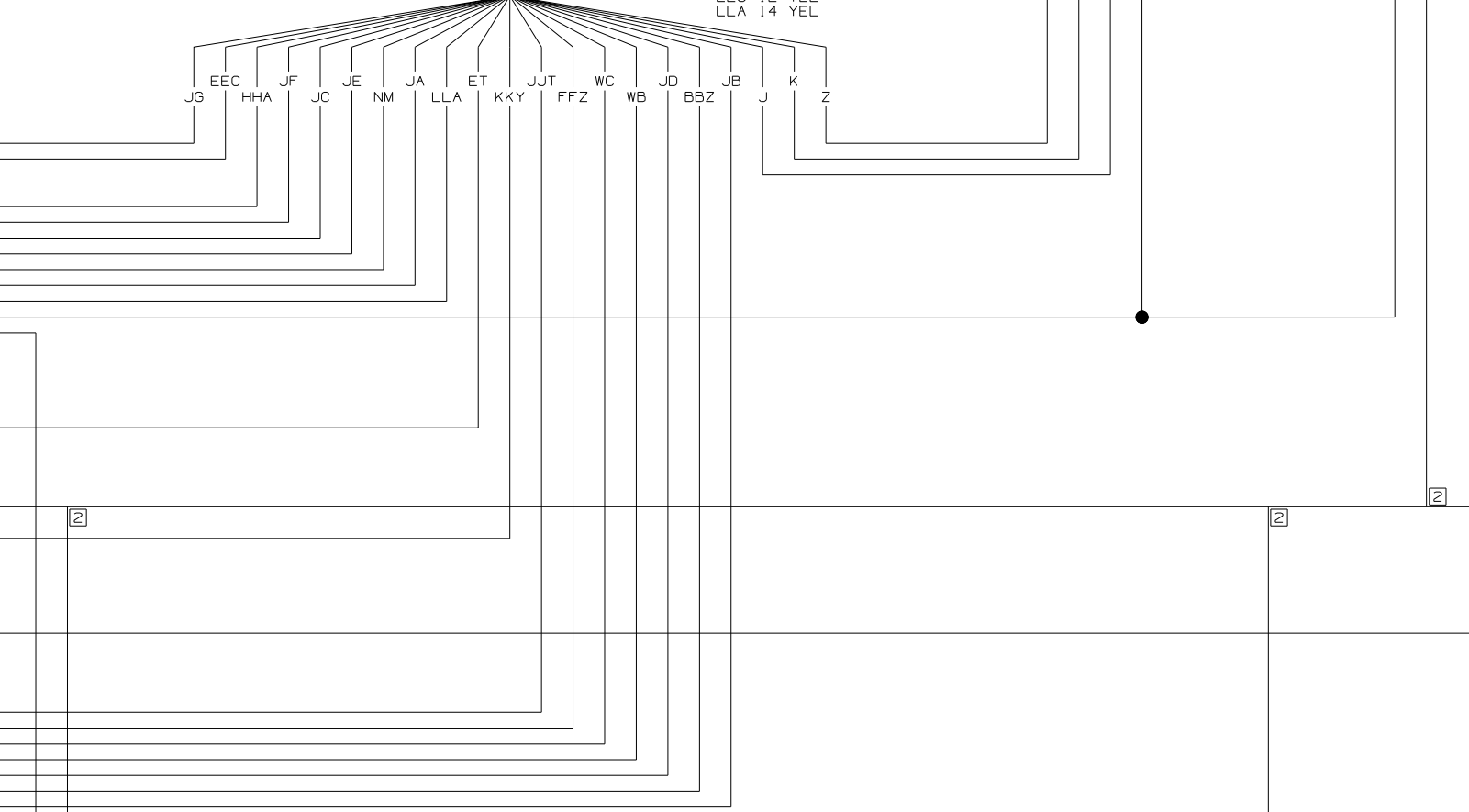
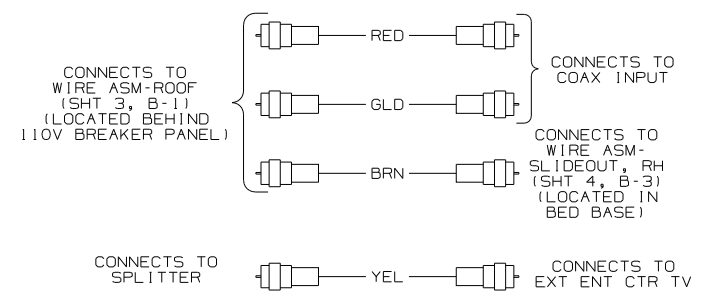
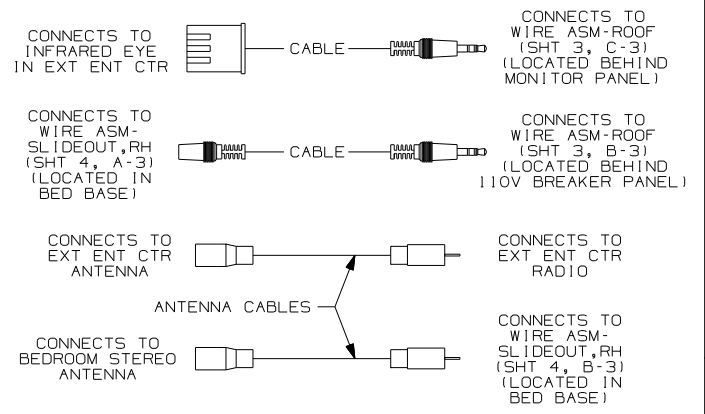
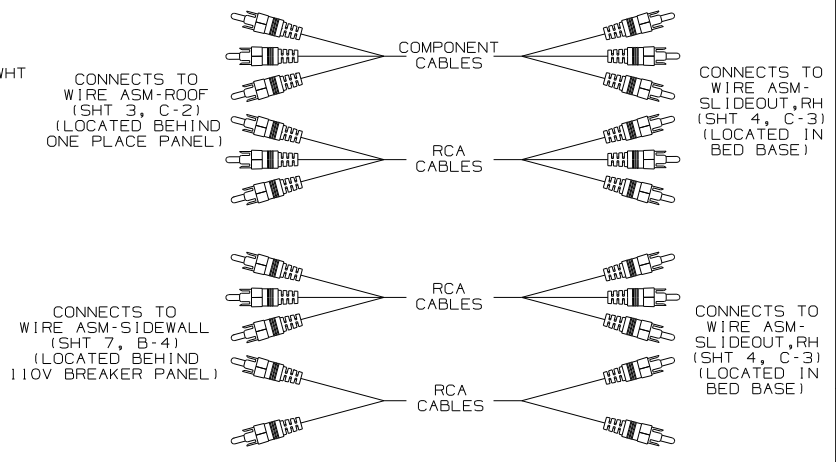
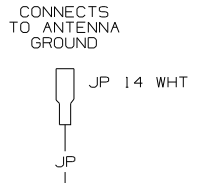
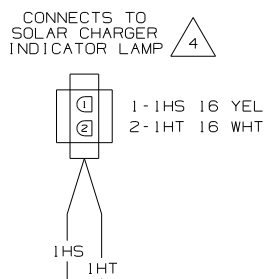
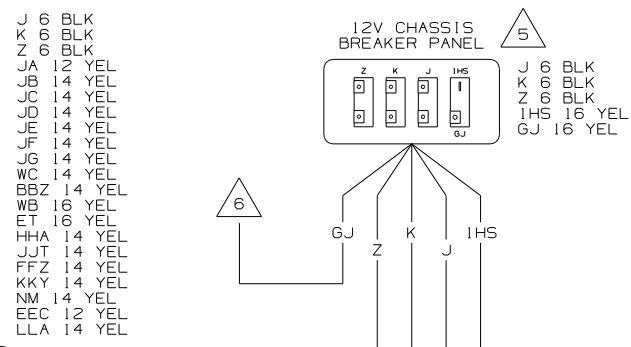
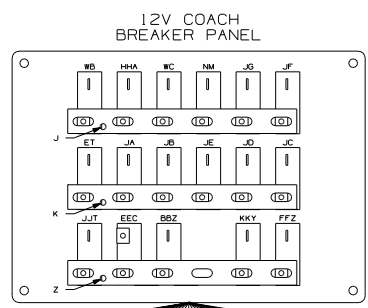
- 1-JA 14 YEL
- 2-JP 14 WHT
- 3-CCN 16 YEL
- 4-BBJ 16 YEL
- 5-DD 16 YEL
- 6-BBH 16 YEL
- 7-CCP 16 YEL
- 8-LP 16 YEL

- 1-BBH 16 YEL
- 2-CCP 16 YEL

- 1-TTG 18 YEL
- 2-TTH 18 YEL

- 1-TTG 18 YEL
- 2-TTH 18 YEL

- 9 SEE WIRING DIAGRAM-AC/HEAT/EMS FOR ADDITIONAL INFORMATION.
 - 8 SEE WIRING DIAGRAM-HOLDING TANKS FOR ADDITIONAL INFORMATION.
 - 7 GL AND GL-1 ARE TO BE SPLICED TOGETHER 100MM AWAY FROM MONITOR PANEL HOUSING FOR ISOLATION PURPOSES.
 - 6 CIRCUIT IS FROM WIRE ASM-CHASSIS.
 - 5 SEE WIRING DIAGRAM-AUTO FOR ADDITIONAL INFORMATION.
 - 4 SEE MANUFACTURERS DIAGRAM FOR ADDITIONAL INFORMATION.
 - 3 GROUNDS ARE SHOWN AS A SINGLE LINE FOR EASE IN TRACING. EACH GROUND CIRCUIT IS SEPERATE IN THE HARNESS.
 - 2 NOT A SPLICE POINT. INDICATES ENTRY INTO WIRING HARNESS.
- NOTES:
1. SPLICES ARE THEORETICAL AND MAY DIFFER IN THE HARNESS.

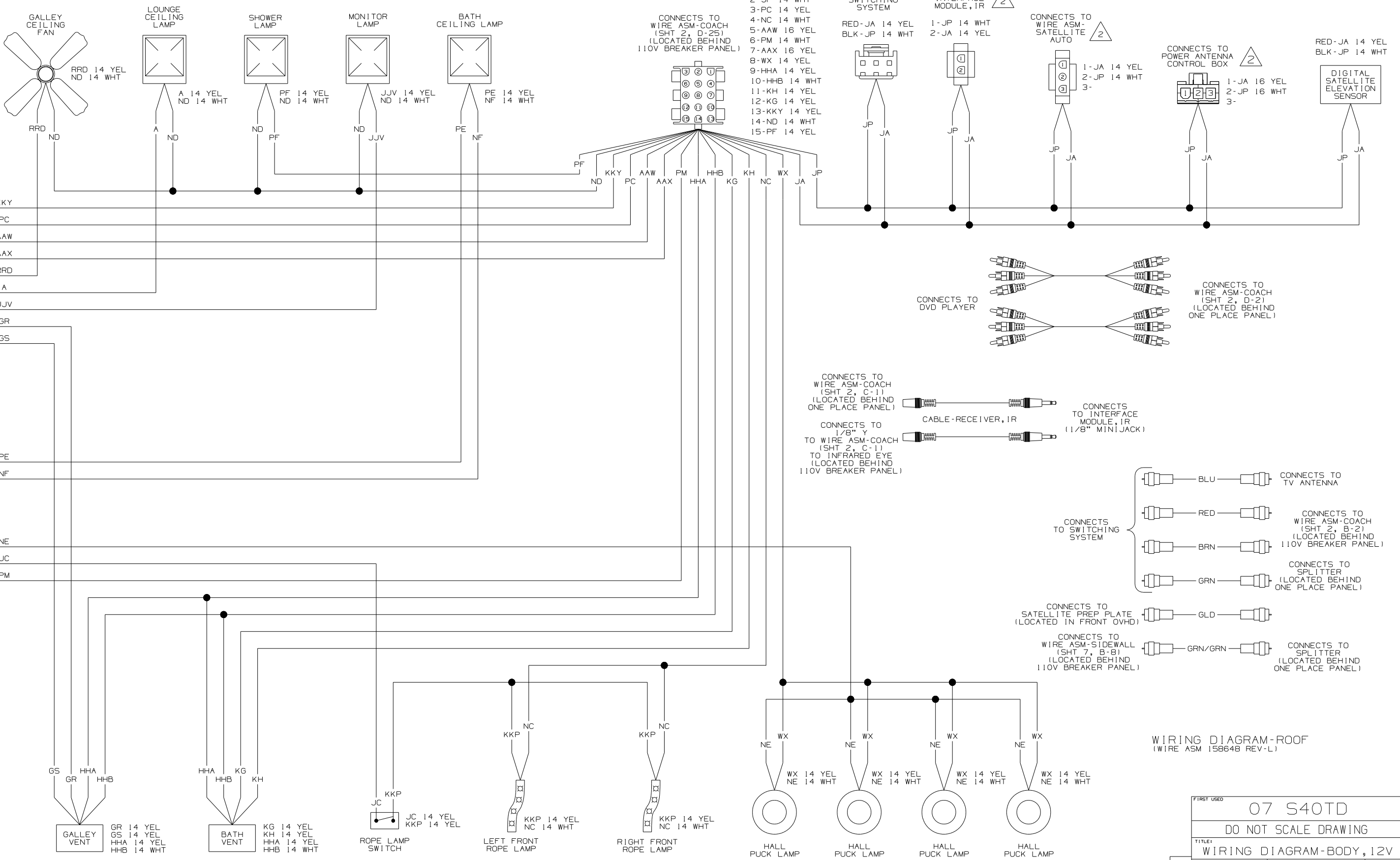


- NC 14 WHT
- ND 14 WHT
- NE 14 WHT
- JN 14 WHT
- PM 14 WHT
- JP 14 WHT
- IHT 16 WHT
- GL-1 14 WHT
- JX 14 WHT
- JY 12 WHT
- NF 14 WHT
- JM 14 WHT
- CCA 14 WHT
- EED 12 WHT
- HHB 14 WHT
- JJU 14 WHT
- KKZ 14 WHT
- GGA 14 WHT
- LLB 14 WHT
- WE 14 WHT

WIRING DIAGRAM-COACH (WIRE ASM 158647 REV-U)

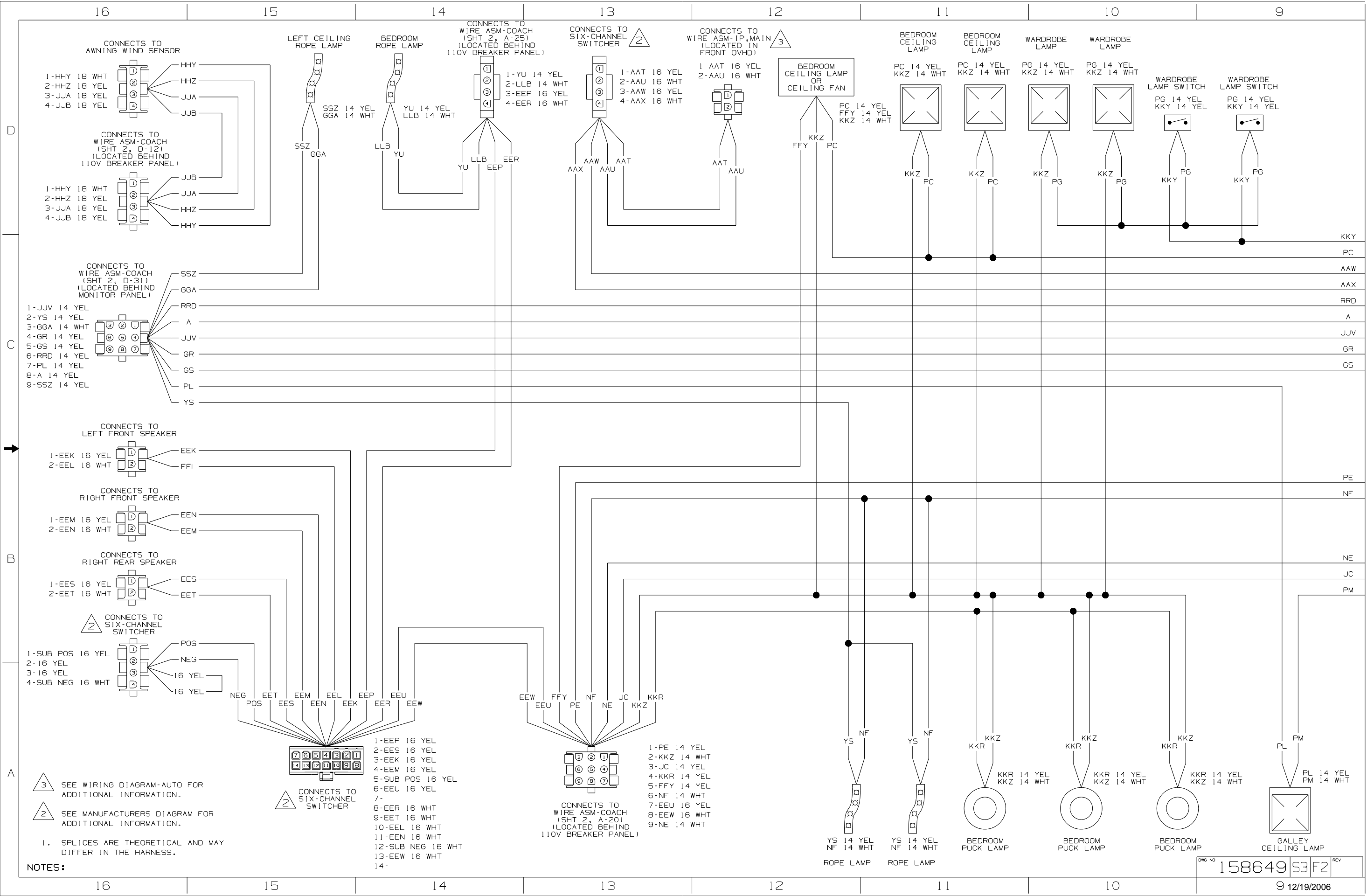
FIRST USED	07 S40TD	
DO NOT SCALE DRAWING		
TITLE:	WIRING DIAGRAM-BODY, 12V	
SHEET 2	PART NO	158649

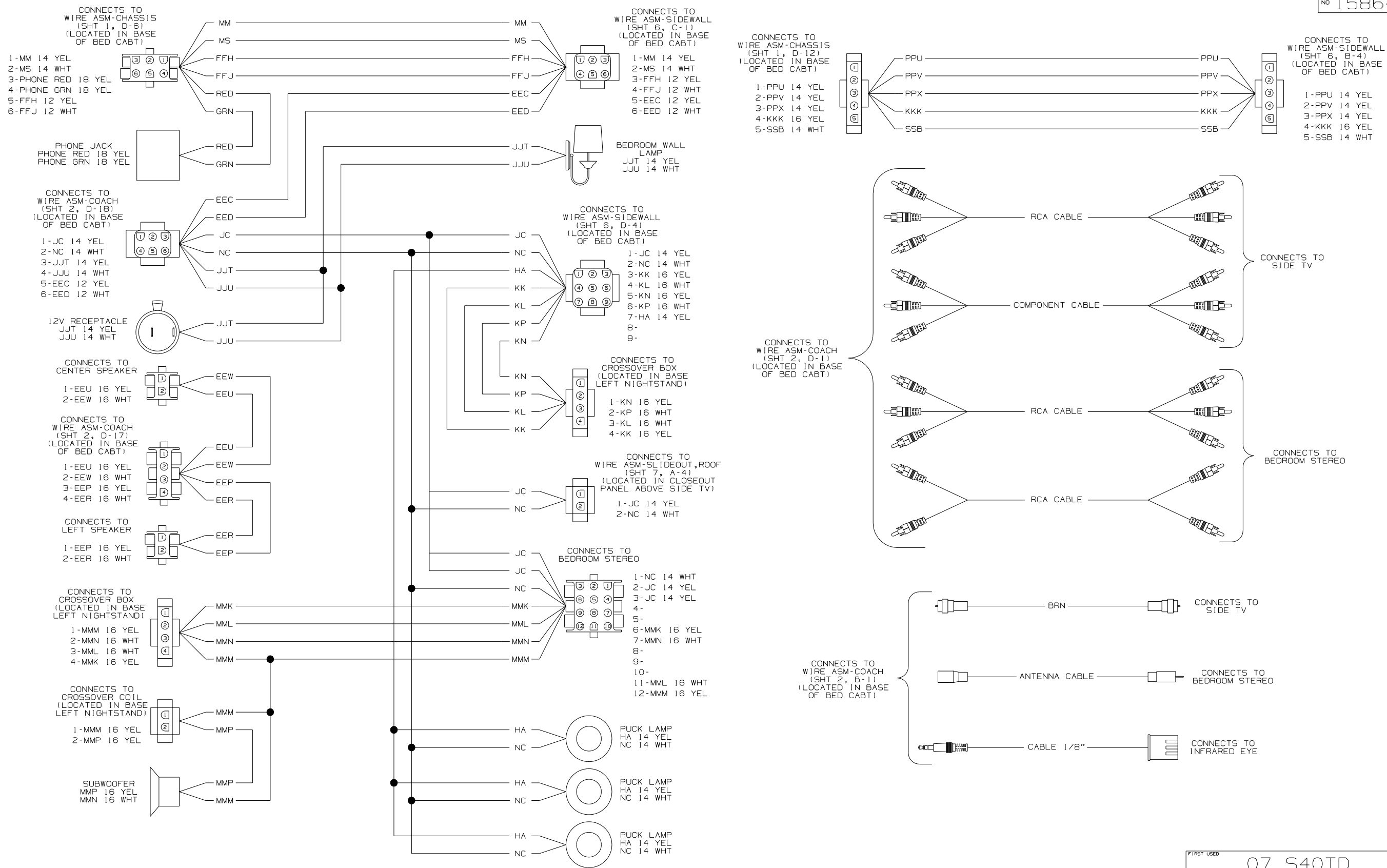
- 1-JA 14 YEL
- 2-JP 14 WHT
- 3-PC 14 YEL
- 4-NC 14 WHT
- 5-AAW 16 YEL
- 6-PM 14 WHT
- 7-AAX 16 YEL
- 8-WX 14 YEL
- 9-HHA 14 YEL
- 10-HHB 14 WHT
- 11-KH 14 YEL
- 12-KG 14 YEL
- 13-KKY 14 YEL
- 14-ND 14 WHT
- 15-PF 14 YEL



WIRING DIAGRAM-ROOF (WIRE ASM 158648 REV-L)

FIRST USED	07 S40TD	
DO NOT SCALE DRAWING		
TITLE:	WIRING DIAGRAM-BODY, 12V	
F1 SHEET 3	PART NO	158649 REV



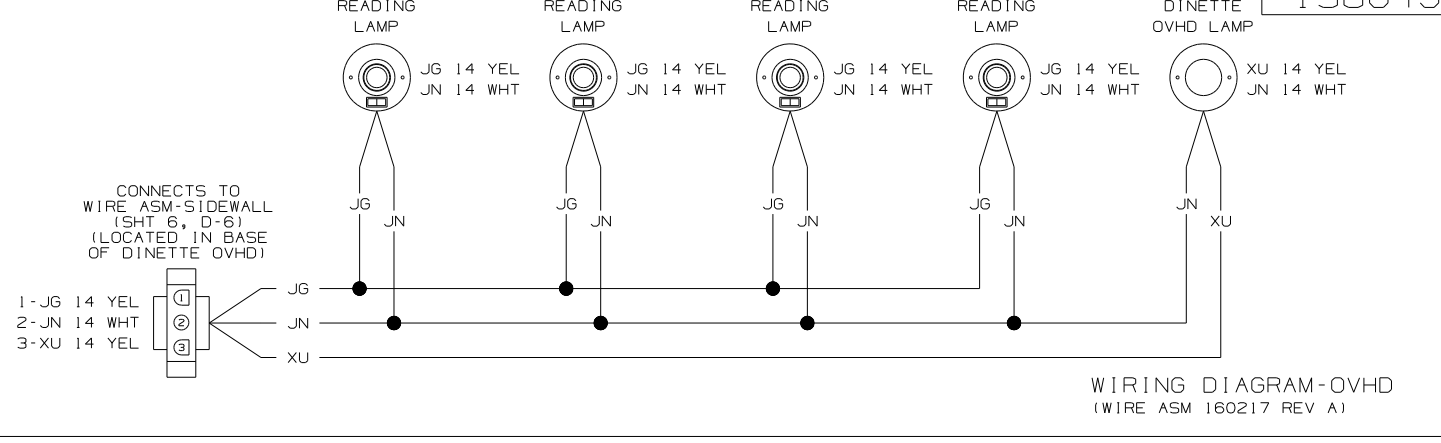
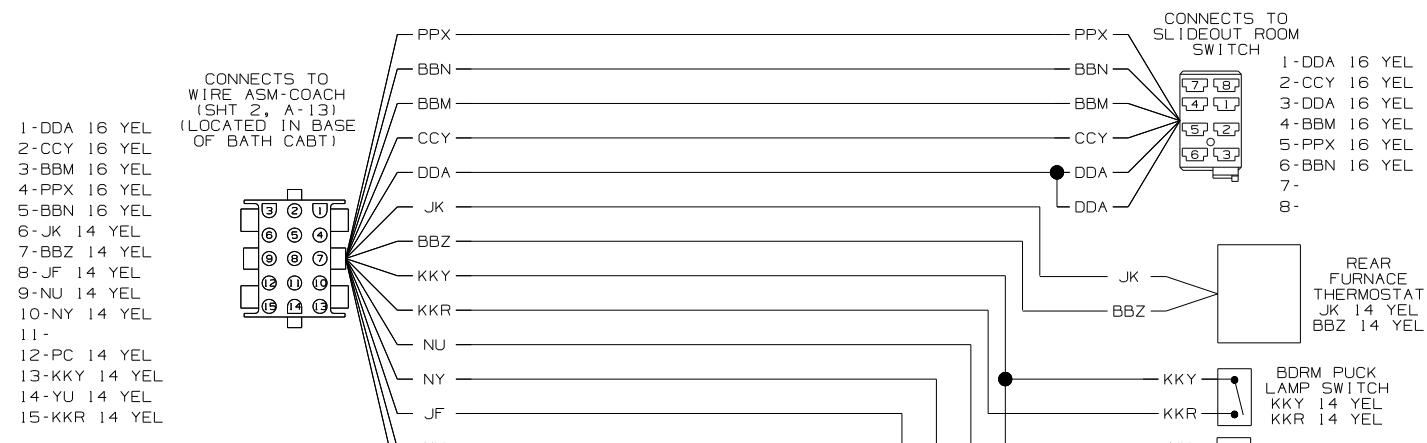


WIRING DIAGRAM-SLIDEOUT, RH
(WIRE ASM 159303 REV G)

FIRST USED	07 S40TD	
TITLE	DO NOT SCALE DRAWING	
	WIRING DIAGRAM-BODY, 12V	
SHEET 4	PART NO	158649
	REV	

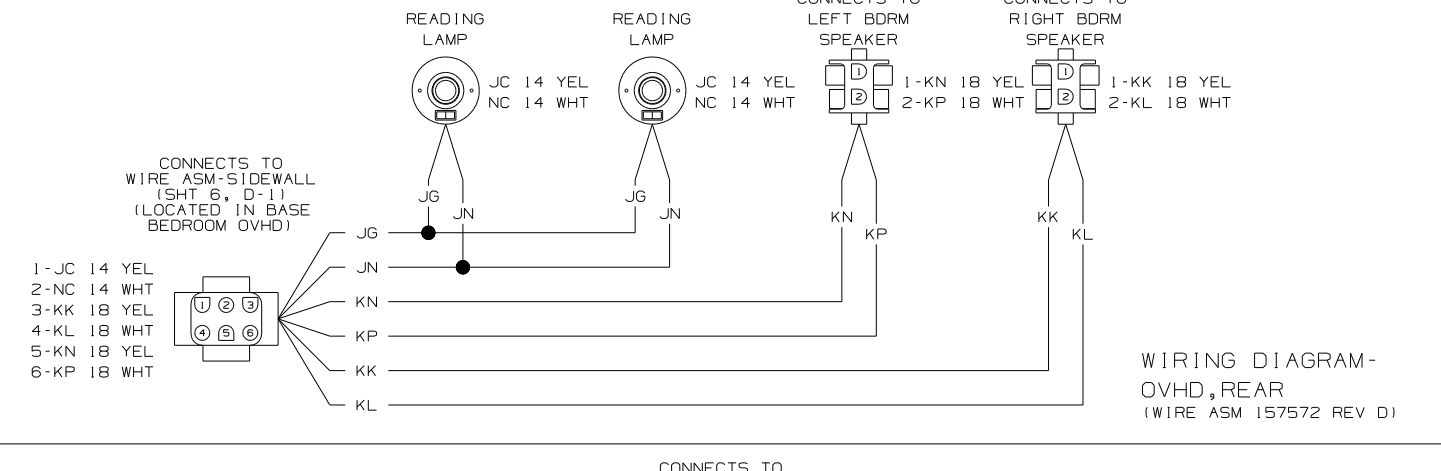
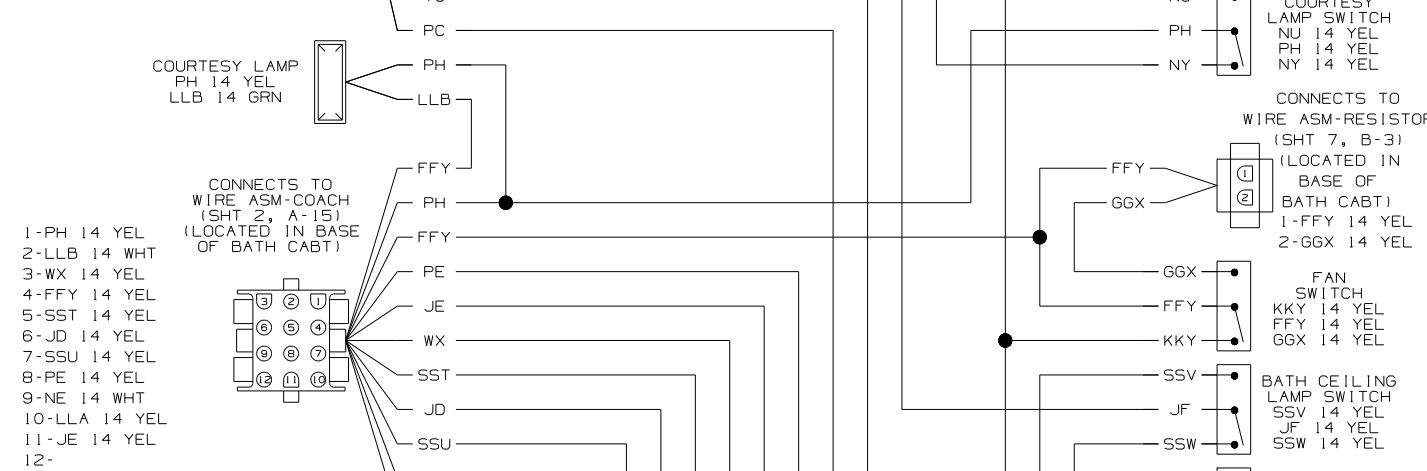
D

D



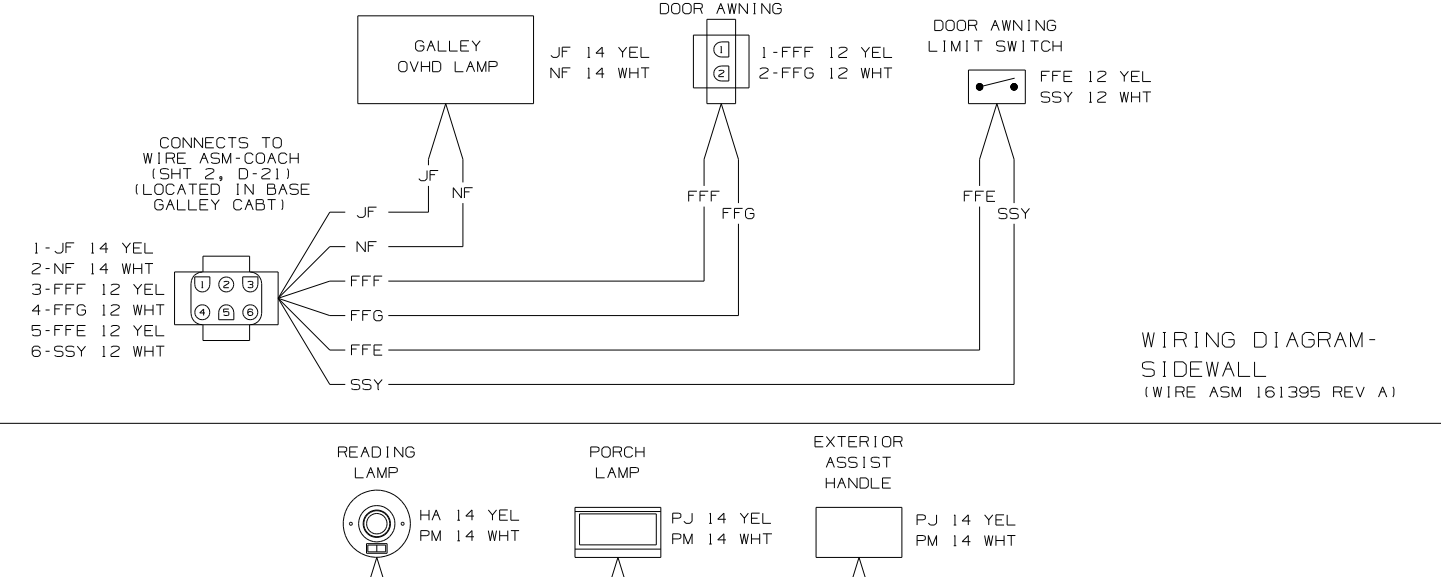
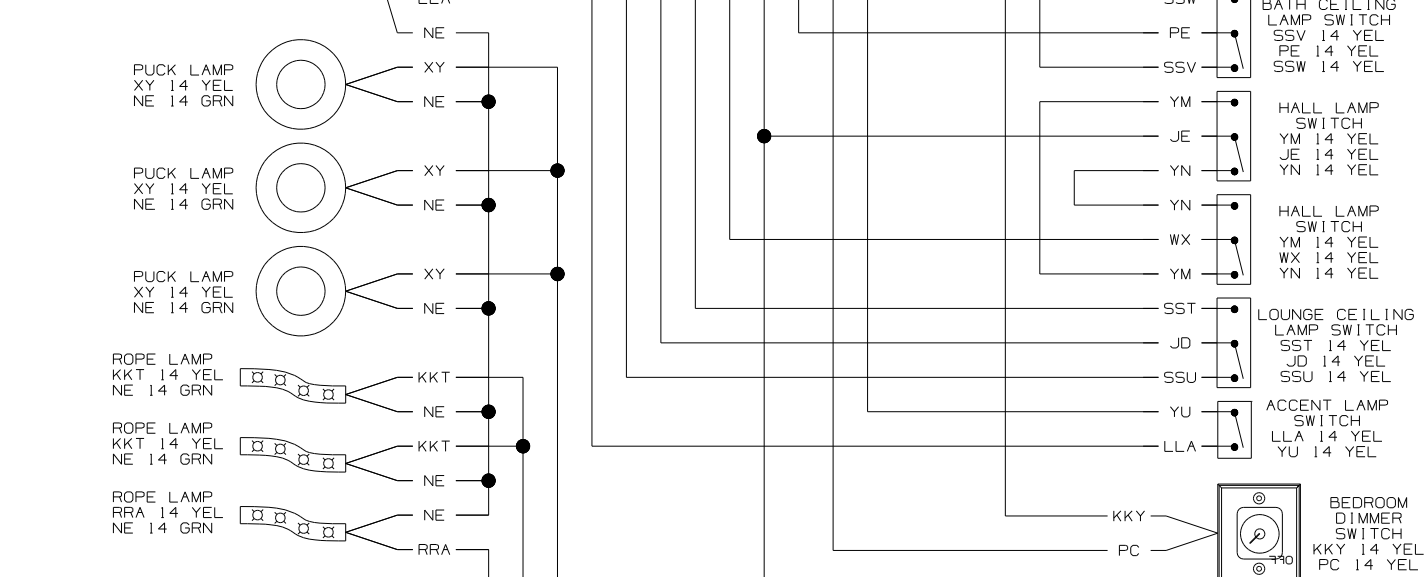
C

C



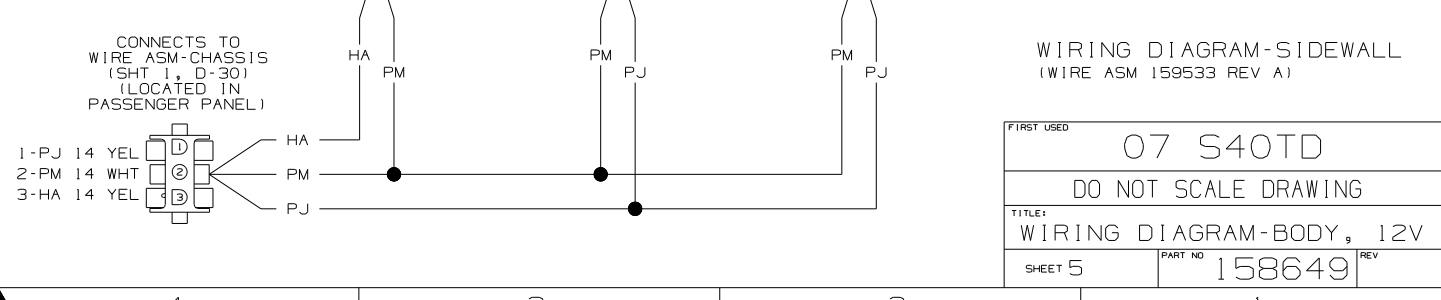
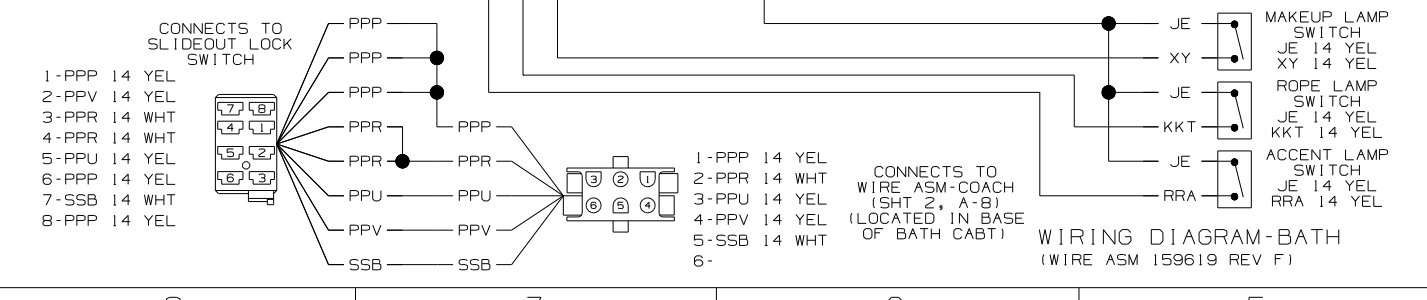
B

B



A

A

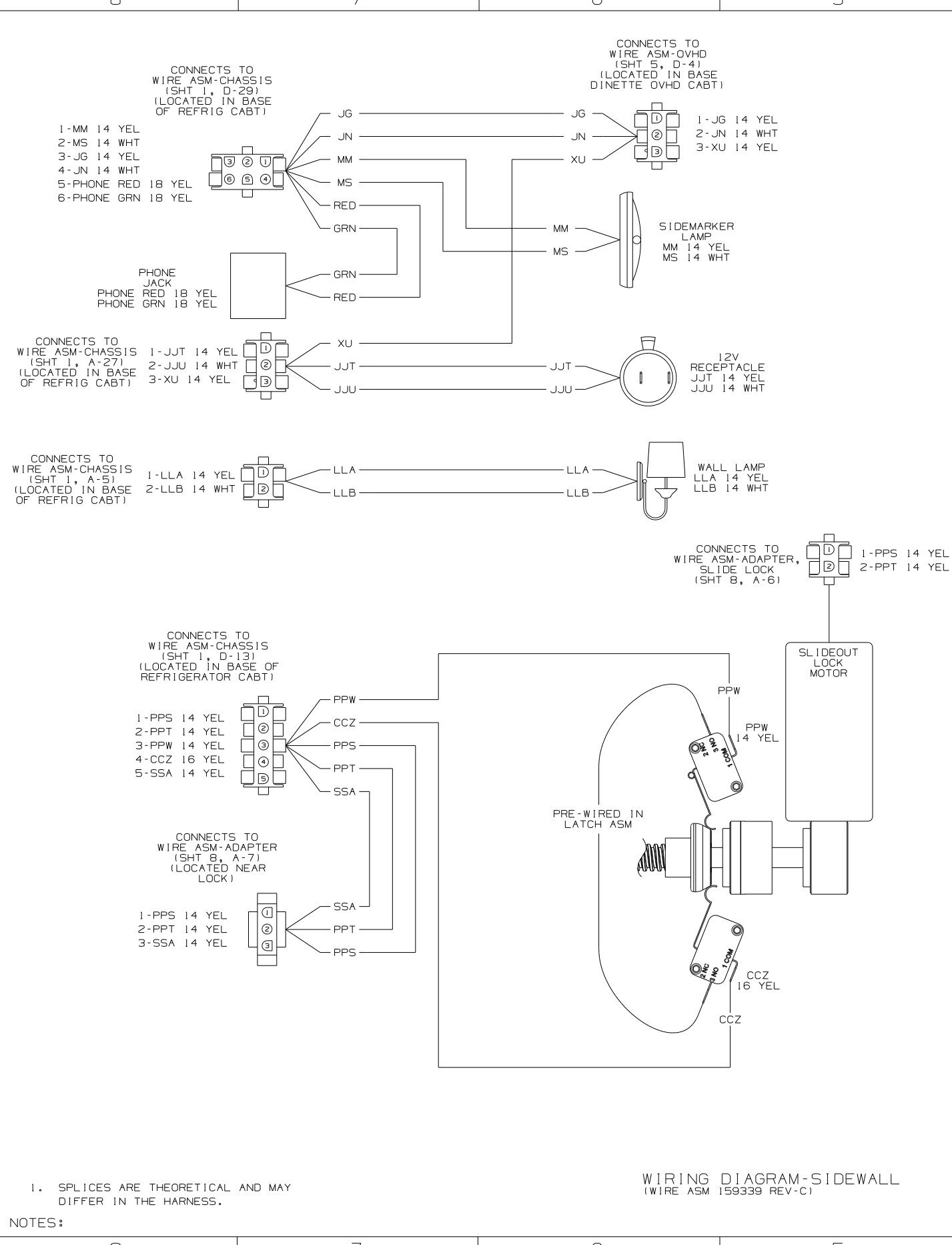


FIRST USED 07 S40TD

DO NOT SCALE DRAWING

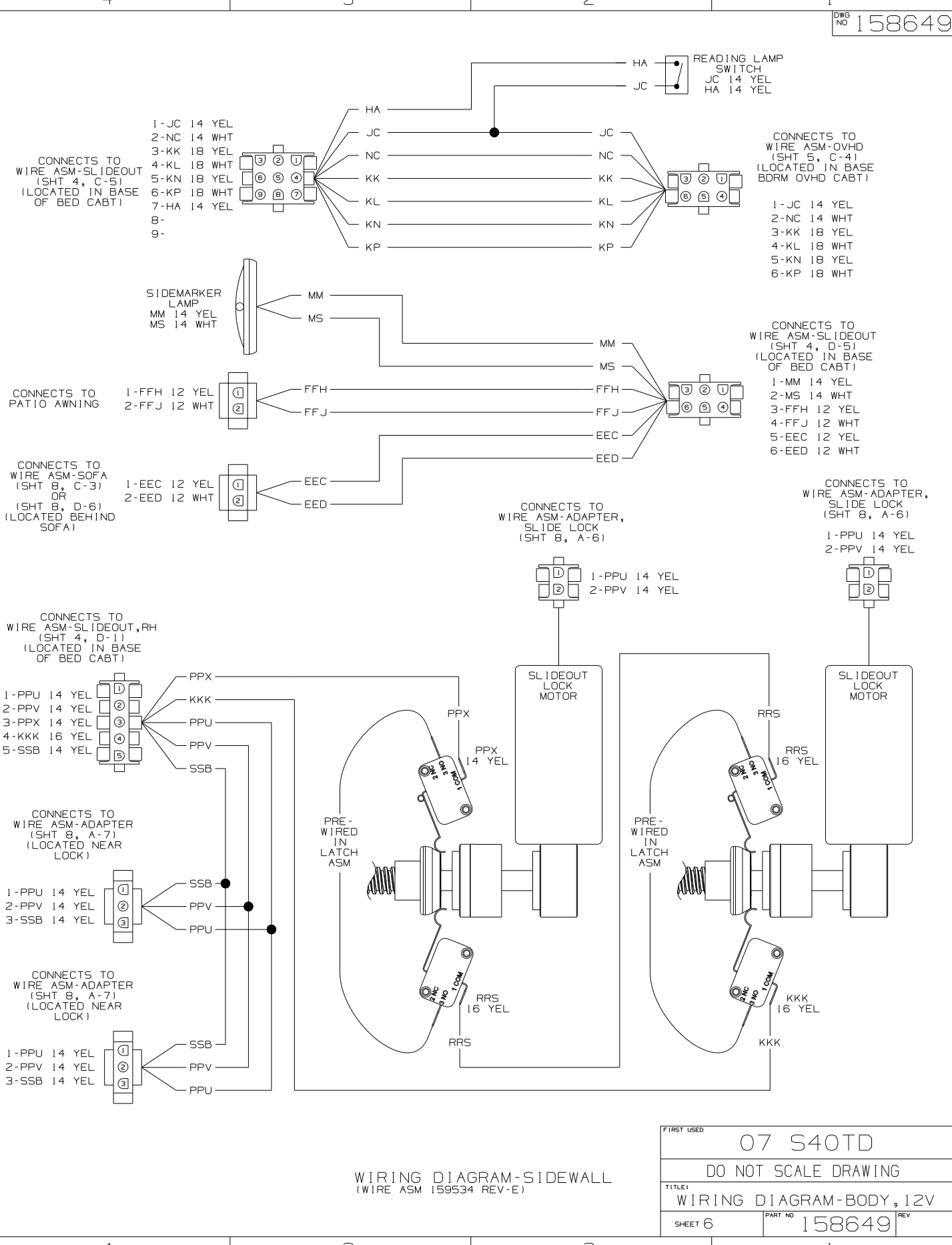
TITLE: WIRING DIAGRAM-BODY, 12V

SHEET 5 PART NO 158649 REV



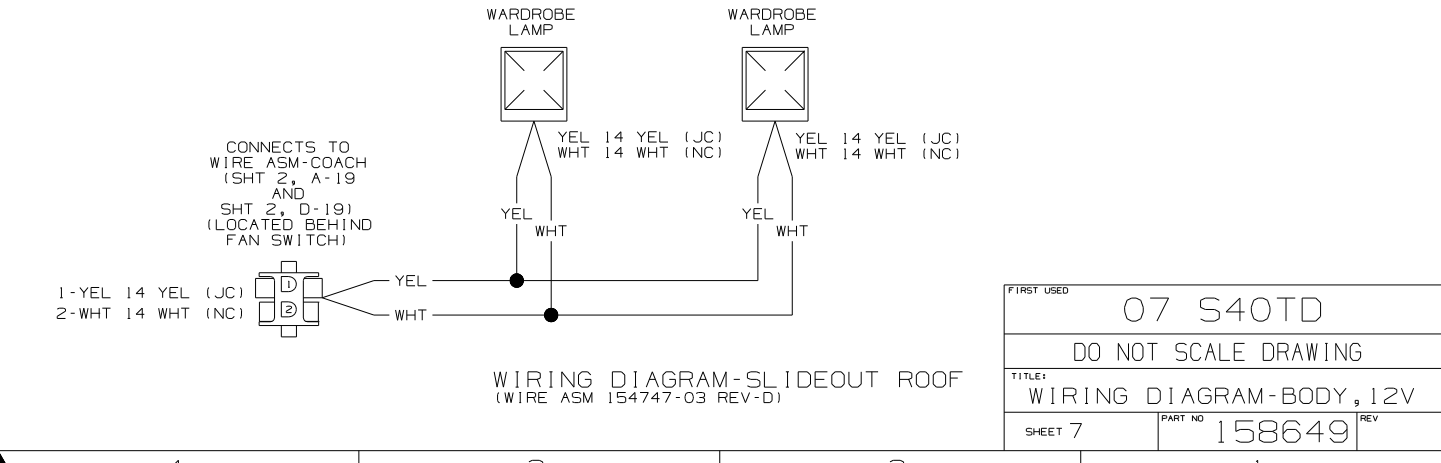
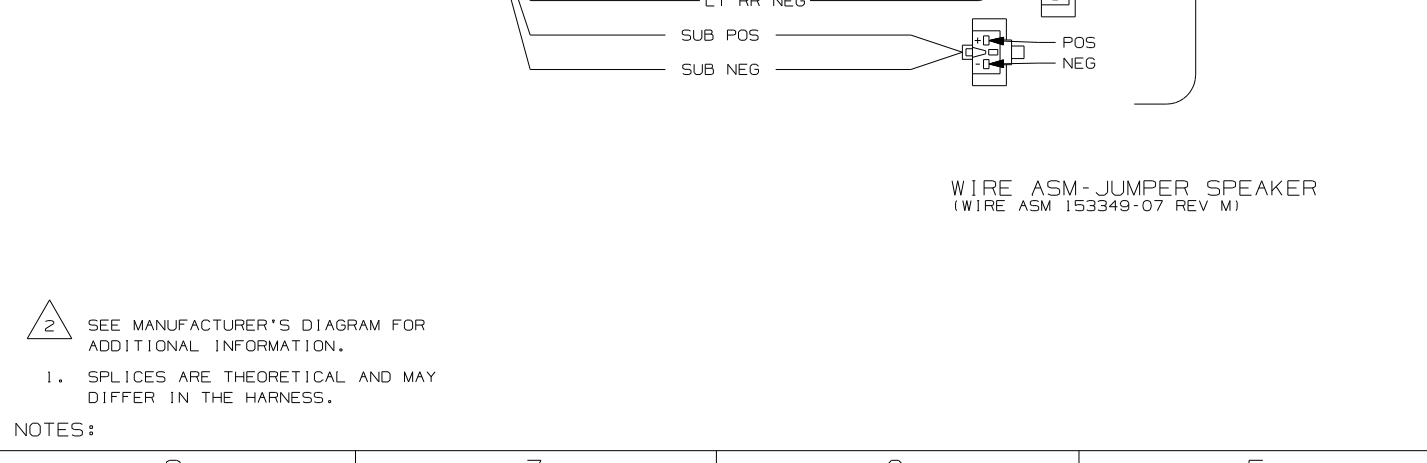
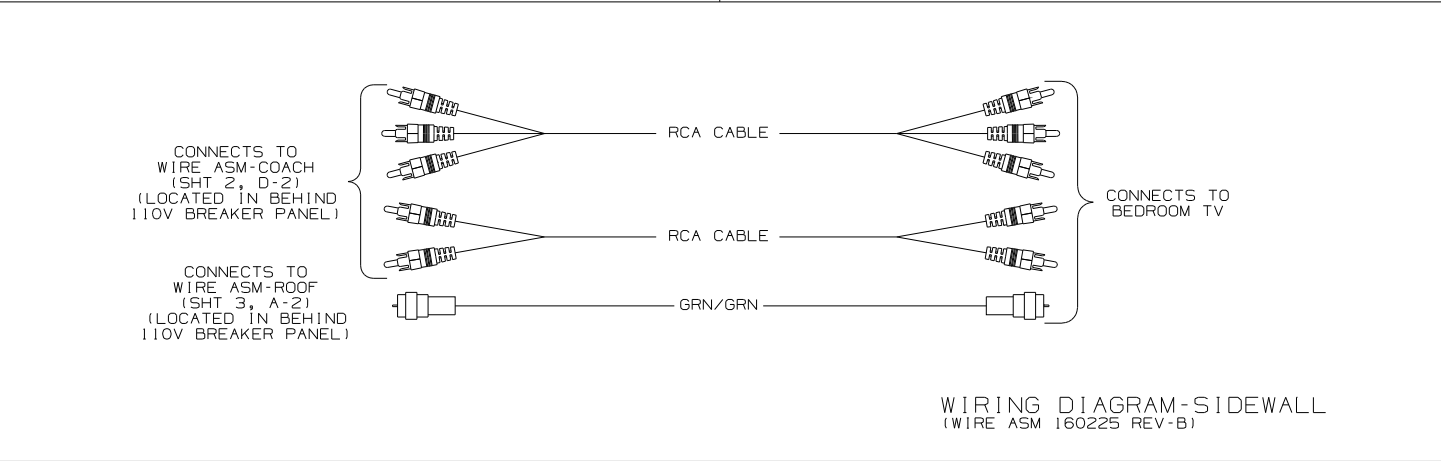
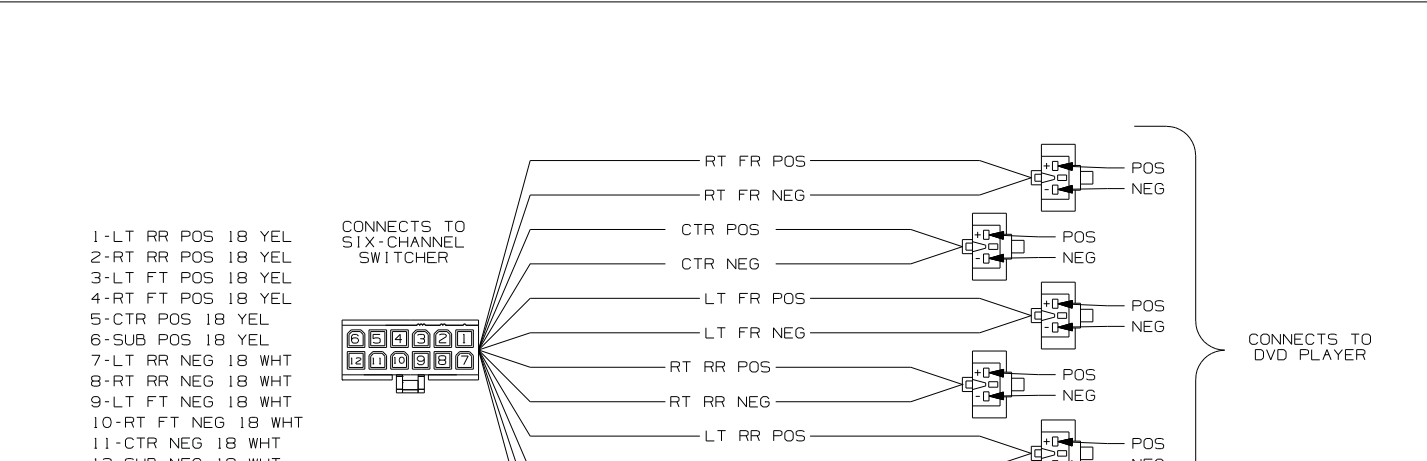
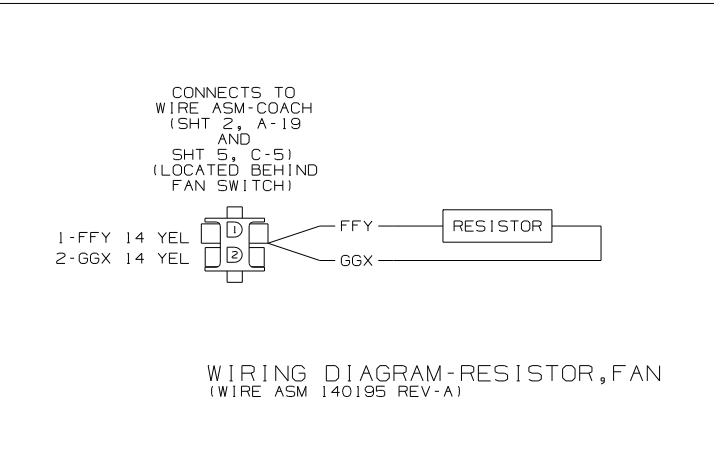
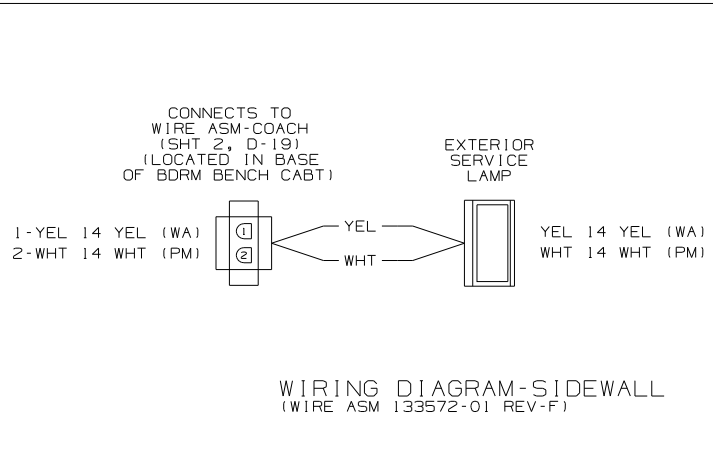
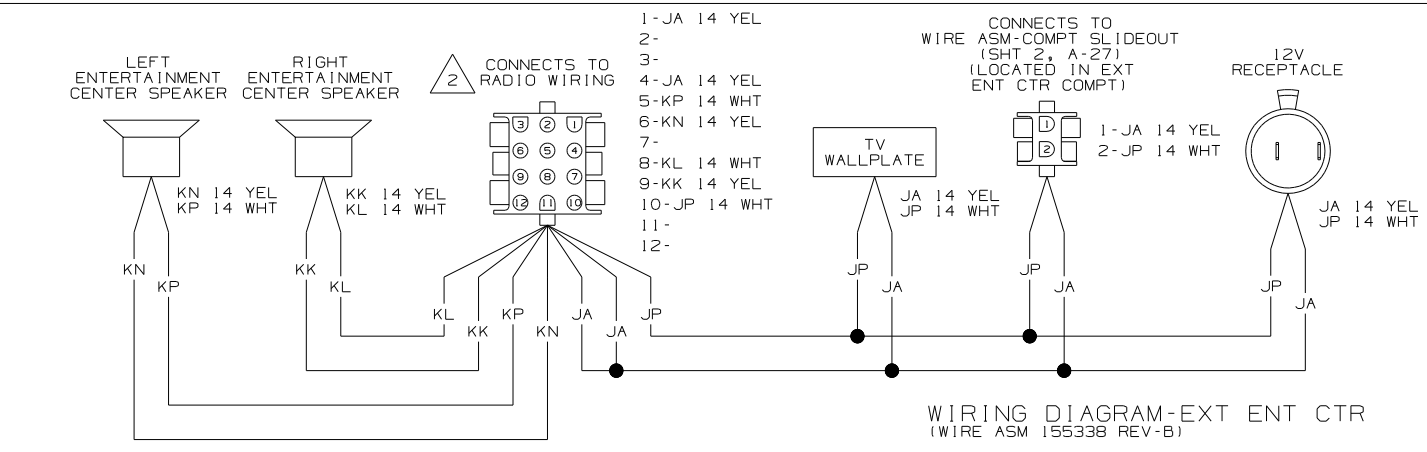
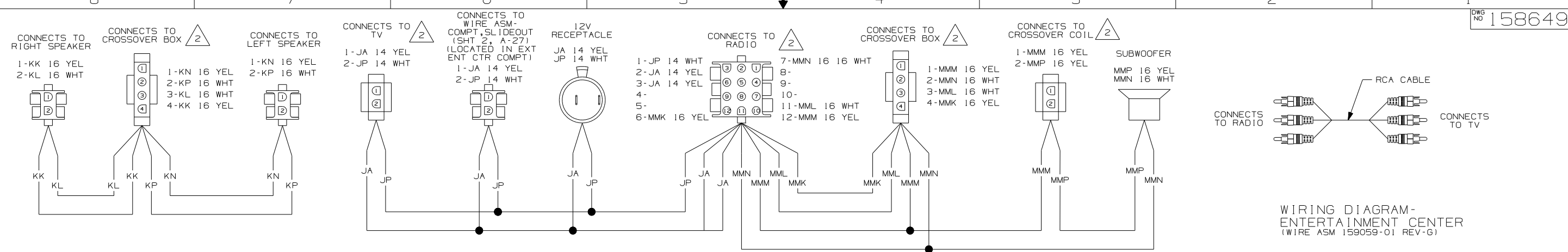
WIRING DIAGRAM-SIDEWALL (WIRE ASM 159339 REV-C)

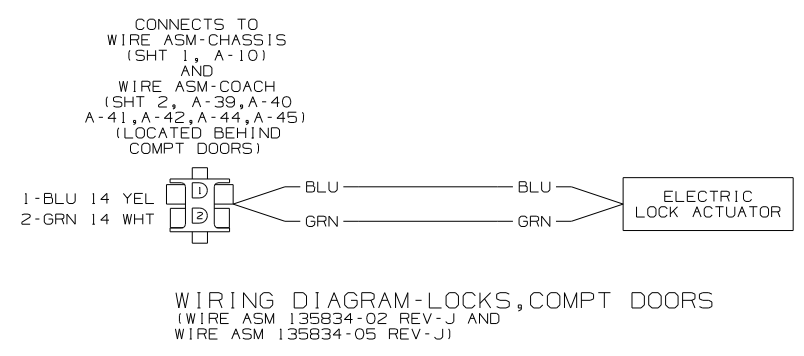
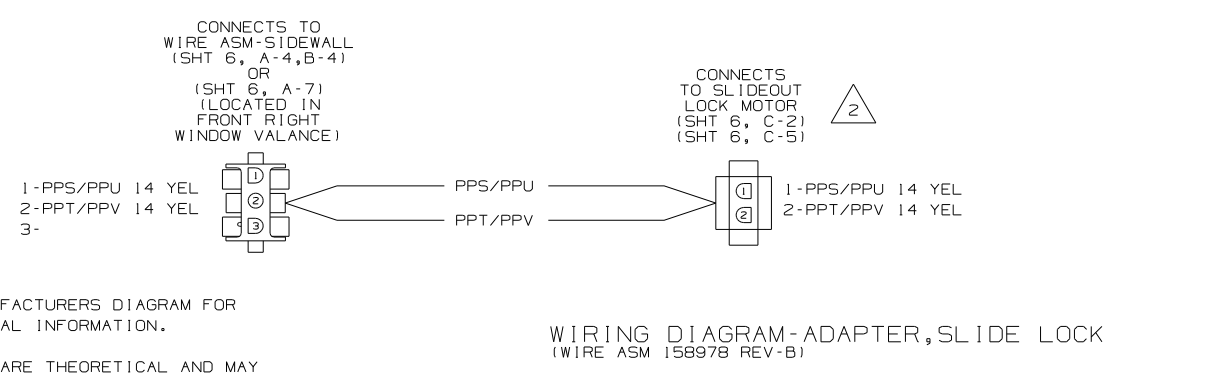
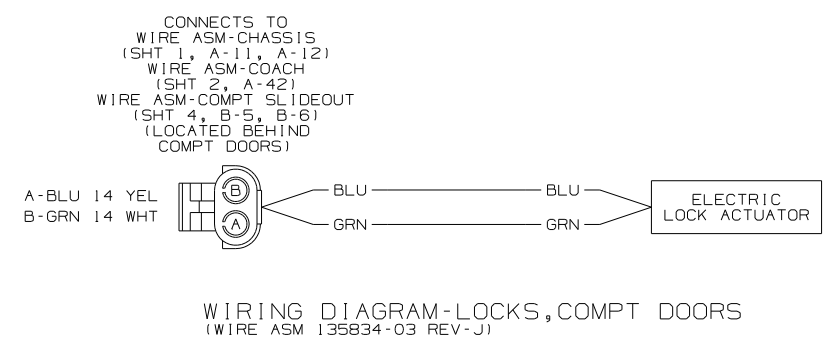
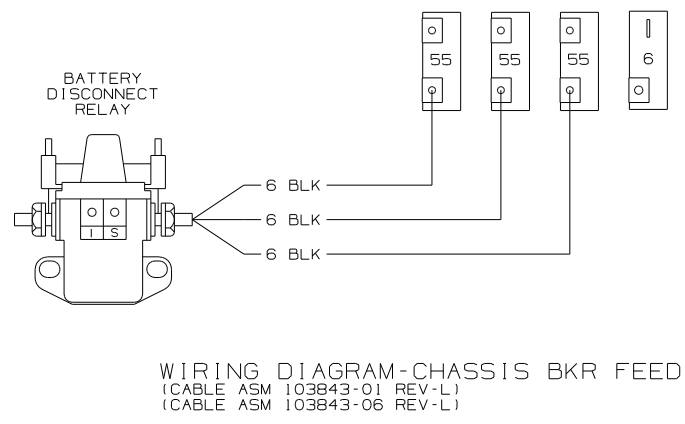
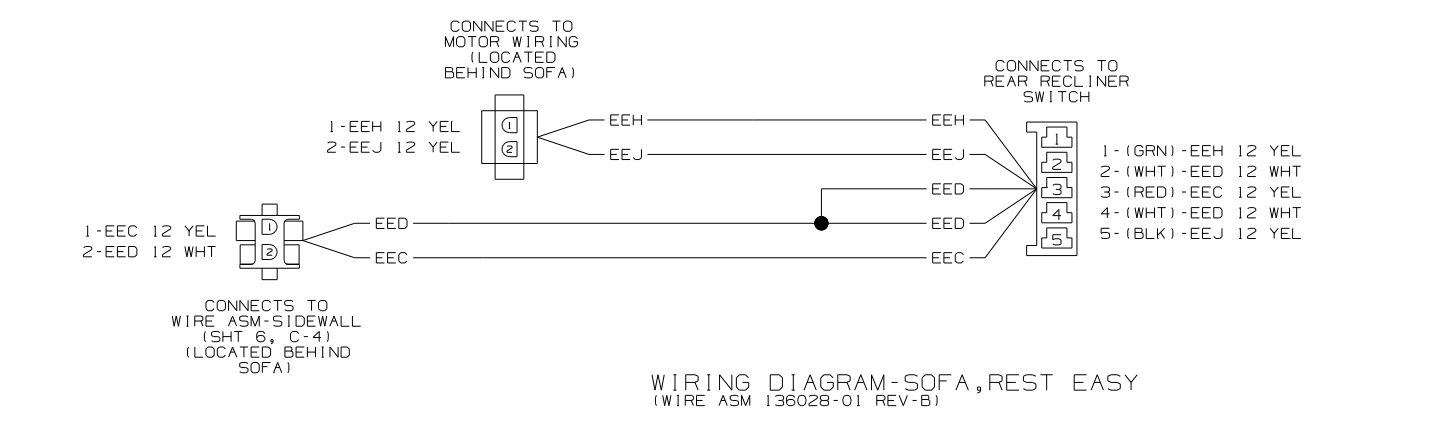
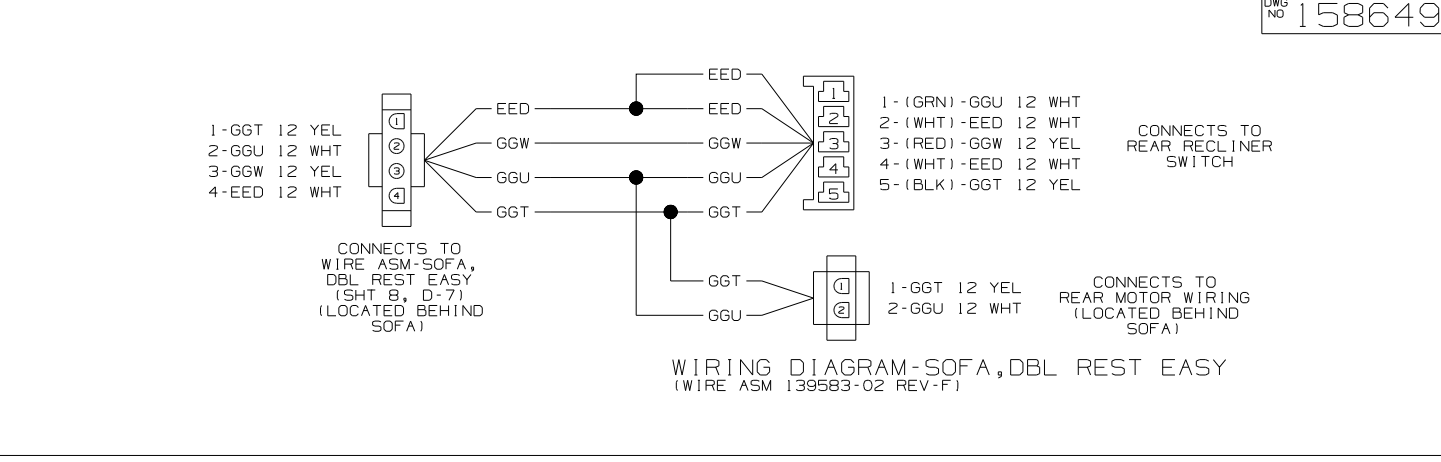
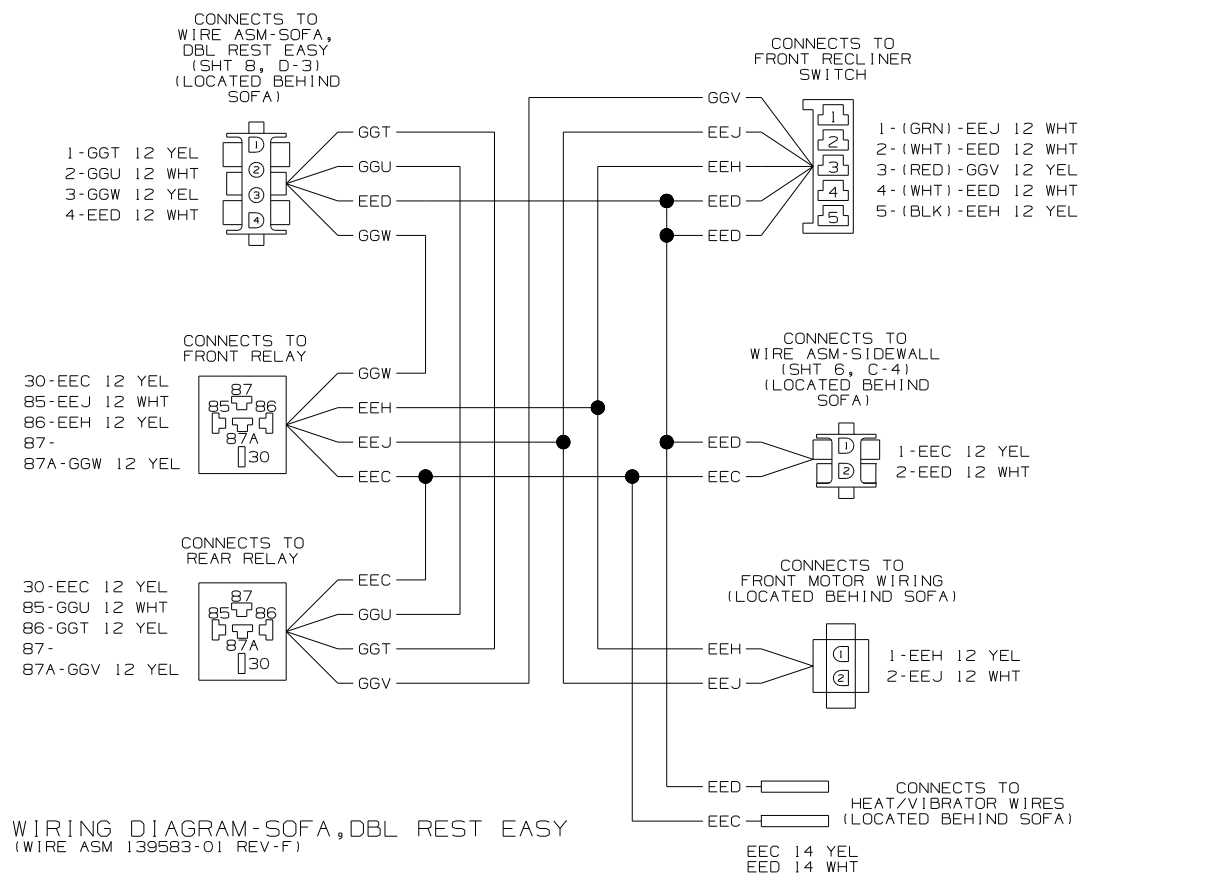
NOTES:
1. SPLICES ARE THEORETICAL AND MAY DIFFER IN THE HARNESS.



WIRING DIAGRAM-SIDEWALL (WIRE ASM 159534 REV-E)

FIRST USED		07 S40TD	
DO NOT SCALE DRAWING			
TITLE: WIRING DIAGRAM-BODY, 12V			
SHEET 6	PART NO	158649	REV
12/19/2006			





SEE MANUFACTURERS DIAGRAM FOR ADDITIONAL INFORMATION.

1. SPLICES ARE THEORETICAL AND MAY DIFFER IN THE HARNESS.

FIRST USED	07 S40TD		
TITLE	DO NOT SCALE DRAWING		
	WIRING DIAGRAM-BODY, 12V		
SHEET 8	PART NO	158649	REV