



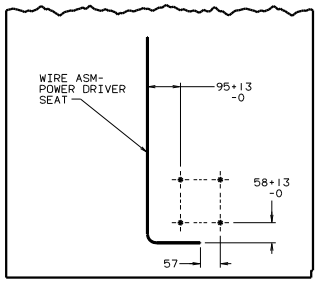
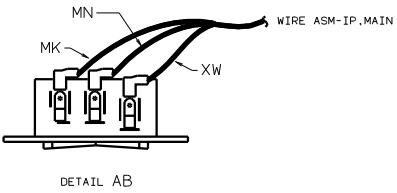
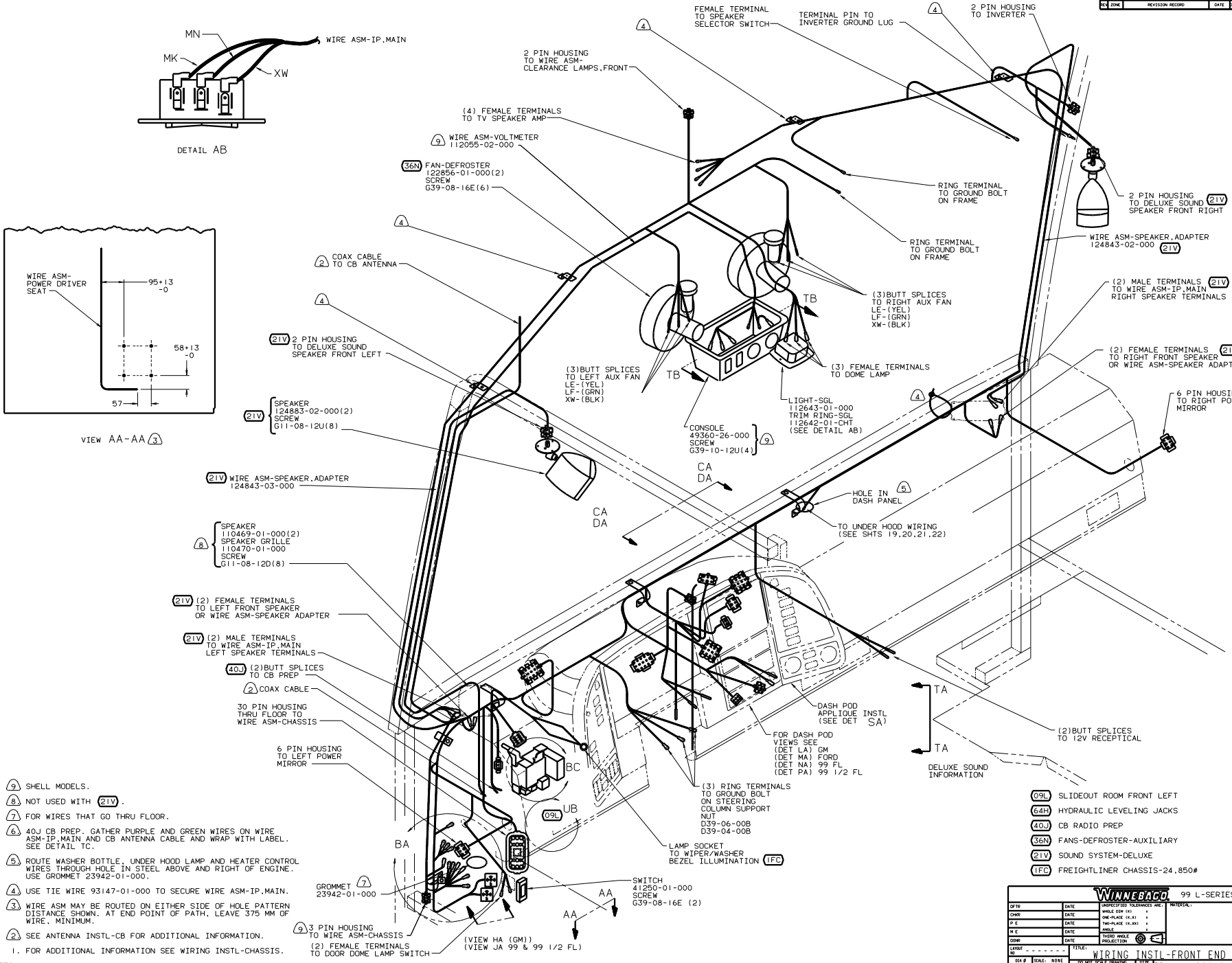
**DANGER**

**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.



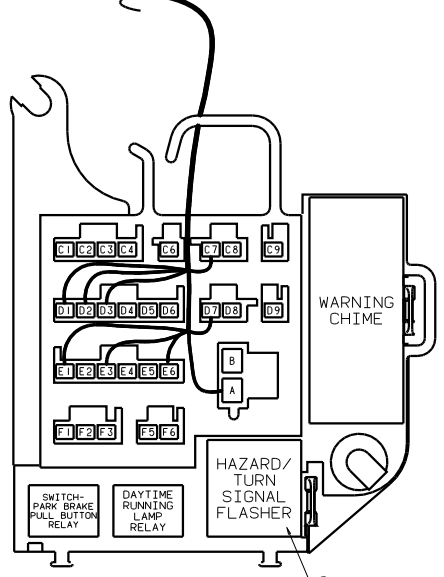
- NOTES:
- ⑨ SHELL MODELS.
  - Ⓐ NOT USED WITH ②1V.
  - ⑦ FOR WIRES THAT GO THRU FLOOR.
  - ④ 40J CB PREP. GATHER PURPLE AND GREEN WIRES ON WIRE ASM-IP.MAIN AND CB ANTENNA CABLE AND WRAP WITH LABEL. SEE DETAIL TC.
  - ③ ROUTE WASHER BOTTLE, UNDER HOOD LAMP AND HEATER CONTROL WIRES THROUGH HOLE IN STEEL ABOVE AND RIGHT OF ENGINE. USE GROMMET 23942-01-000.
  - ④ USE TIE WIRE 93147-01-000 TO SECURE WIRE ASM-IP.MAIN.
  - ③ WIRE ASM MAY BE ROUTED ON EITHER SIDE OF HOLE PATTERN DISTANCE SHOWN. AT END POINT OF PATH, LEAVE 375 MM OF WIRE. MINIMUM.
  - ② SEE ANTENNA INSTL-CB FOR ADDITIONAL INFORMATION.

- ①9L SLIDEOUT ROOM FRONT LEFT
- ⑥4H HYDRAULIC LEVELING JACKS
- ④0J CB RADIO PREP
- ③6N FANS-DEFROSTER-AUXILIARY
- ②1V SOUND SYSTEM-DELUXE
- ①FC FREIGHTLINER CHASSIS-24.850#

REV		DATE	UNAPPROVED TECHNICIAN	MATERIAL
CHP	DATE	WHOLE OR 1/2		
WVE	DATE	ONE-PLACE (R, L)		
WVE	DATE	HIGH-PLACE (R, L)		
WVE	DATE	MISC.		
COMP	DATE	TRUCK WHOLE PRODUCTION		

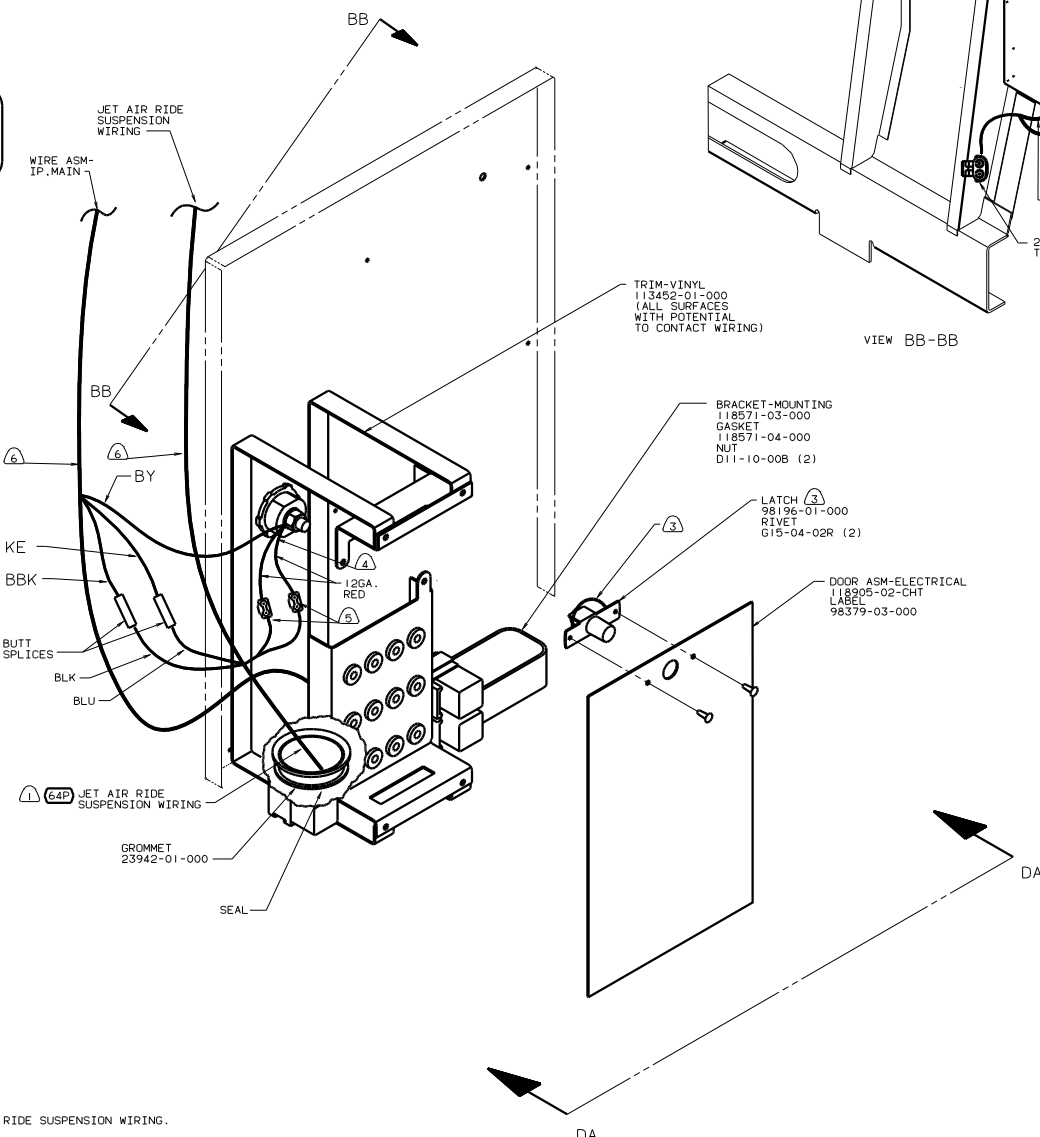
**WINNEBAGO** 99 L-SERIES  
 DRAWING TITLE: **WIRING INSTL-FRONT END**  
 129049  
 REF: 125854-AF 1

WIRE ASM-IP.MAIN



COURTESY CENTER (ICV)

VIEW BC-BC



VIEW BB-BB

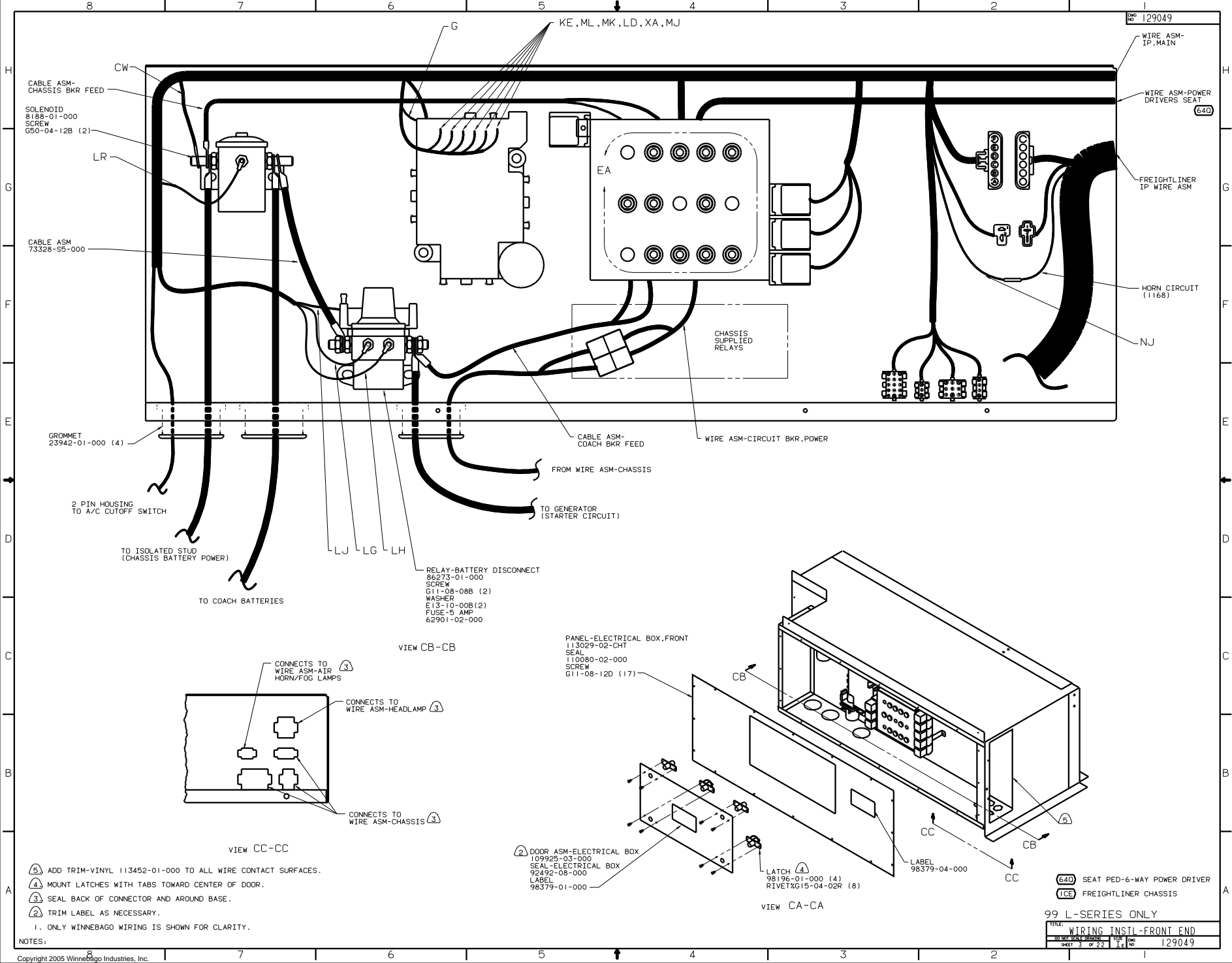
DETAIL BA

(ICD) OR (I&M) OR (ICV)

- ⑦ REPLACE INSTALLED HAZARD/TURN SIGNAL FLASHER WITH GM PART# 1240057 FOUND IN GM PARTS BOX.
- ④ RUN ASSEMBLIES ALONG SIDEWALL THROUGH WIRE CLAMPS
- ⑤ ATTACH FUSE BLOCKS TO CHEVY OR FORD FUSE PANEL.
- ④ ATTACH RING TERMINAL R-64 TO EACH RED 12GA WIRE ON JET AIR RIDE SUSPENSION WIRING.
- ③ MOUNT LATCHES WITH TABS TOWARD CENTER OF DOOR.
- ② CHASSIS SUPPLIED.
- ① SEE SUSPENSION INSTL-AIR RIDE FOR ADDITIONAL INFORMATION.

- (ICD) CHEVY CHASSIS GAS
- (G4P) AIR SUSPENSION-PARK & LEVEL
- (ICV) CHEVROLET CHASSIS-21,000#
- (I&M) FORD CHASSIS-20,500# GVWR

99 L-SERIES	
TITLE	WIRING INSTL-FRONT END
DO NOT SCALE DRAWING	DATE
SHEET 2 OF 22	1E NO
	129049



129049

640

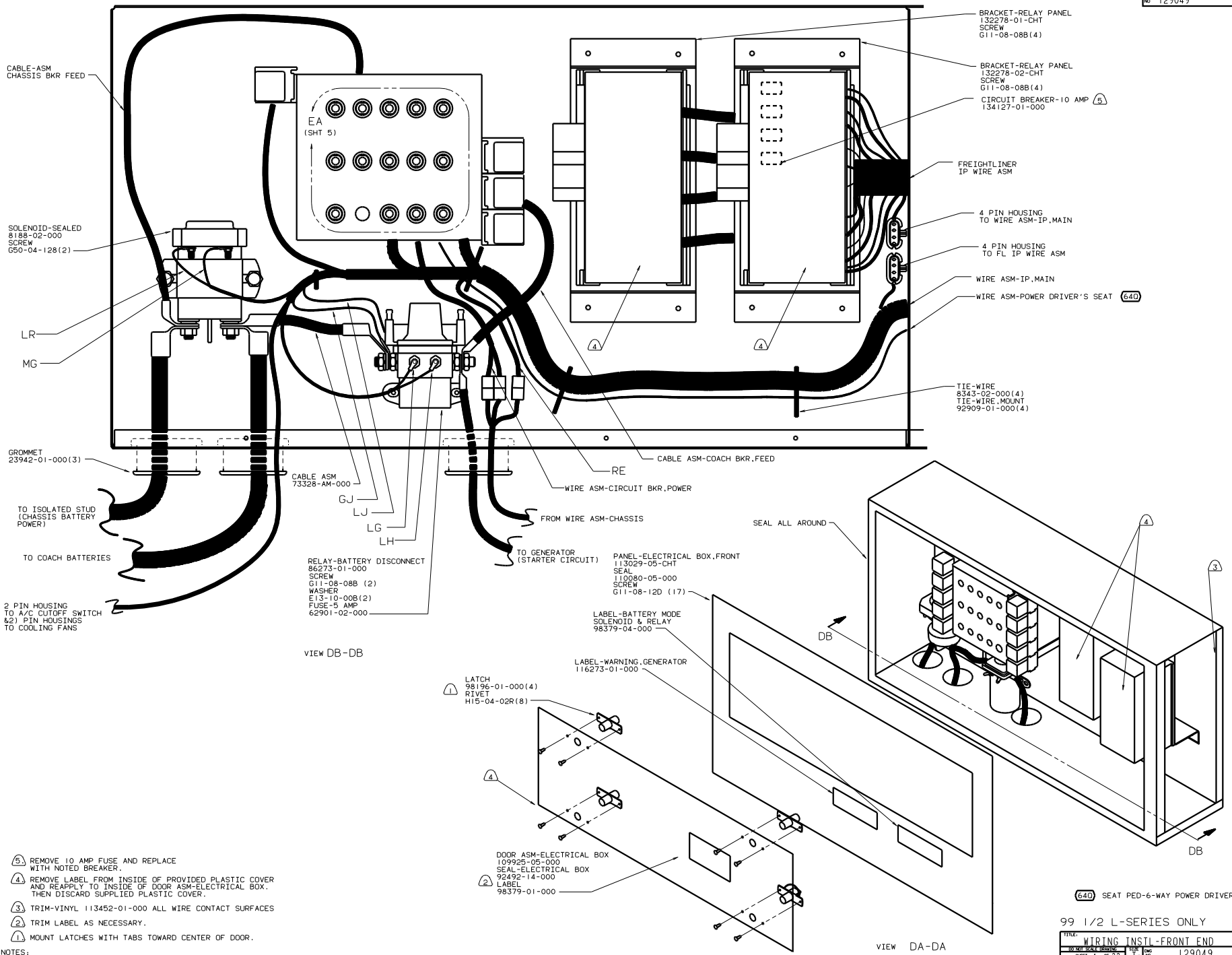
ICE

SEAT PED-6-WAY POWER DRIVER  
FREIGHTLINER CHASSIS

99 L-SERIES ONLY

TITLE: WIRING INSTL-FRONT END  
SHEET 3 OF 22

NOTES:  
1. ONLY WINNEBAGO WIRING IS SHOWN FOR CLARITY.



CABLE-ASM CHASSIS BKR FEED

SOLENOID-SEALED 8188-02-000 SCREW 650-04-128(2)

LR

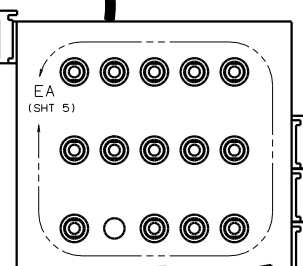
MG

GROMMET 23942-01-000(3)

TO ISOLATED STUD (CHASSIS BATTERY POWER)

TO COACH BATTERIES

2 PIN HOUSING TO A/C CUTOFF SWITCH & 2) PIN HOUSINGS TO COOLING FANS



CABLE ASM 73328-AM-000

GJ

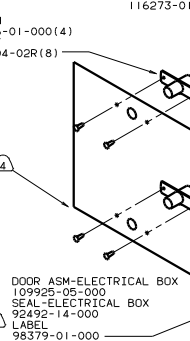
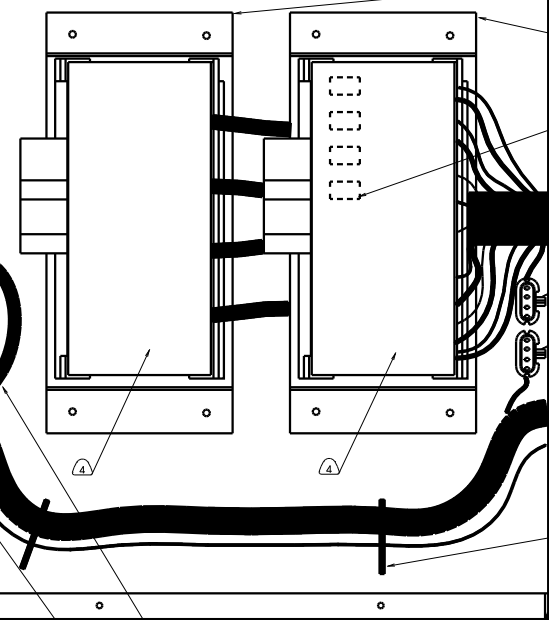
LJ

LG

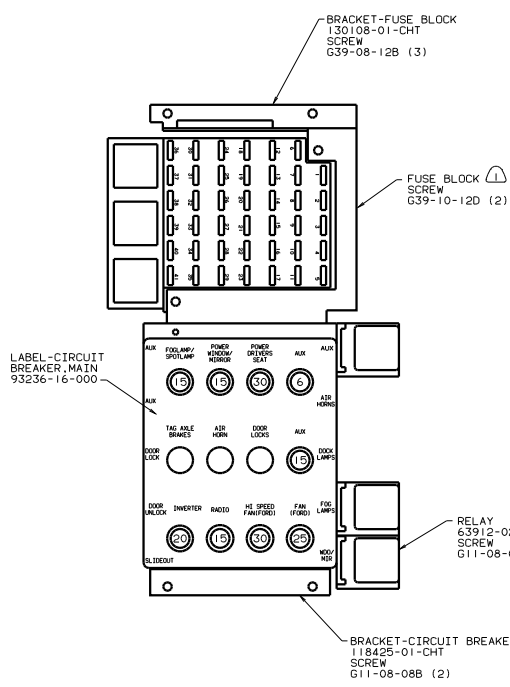
LH

RELAY-BATTERY DISCONNECT 86273-01-000 SCREW G11-08-08B (2) WASHER E13-10-00B(2) FUSE-5 AMP 62901-02-000

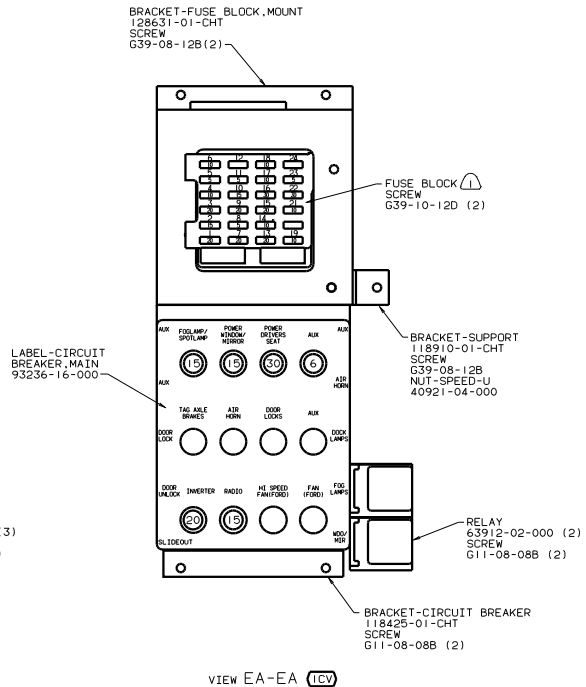
VIEW DB-DB



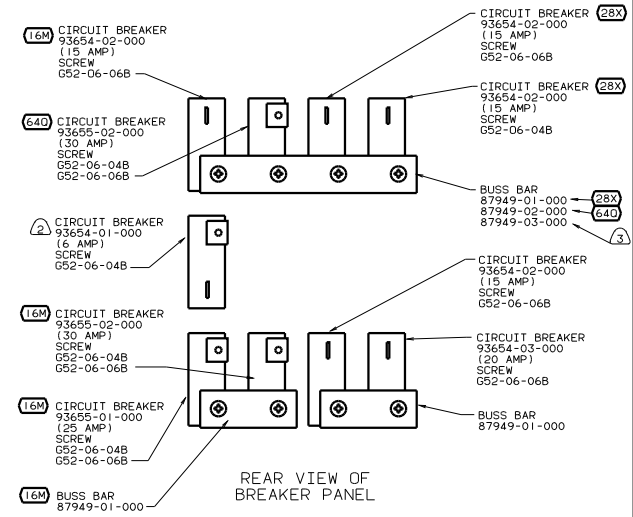
- ⑤ REMOVE 10 AMP FUSE AND REPLACE WITH NOTED BREAKER.
- ④ REMOVE LABEL FROM INSIDE OF PROVIDED PLASTIC COVER AND REAPPLY TO INSIDE OF DOOR ASM-ELECTRICAL BOX. THEN DISCARD SUPPLIED PLASTIC COVER.
- ③ TRIM-VINYL 113452-01-000 ALL WIRE CONTACT SURFACES
- ② TRIM LABEL AS NECESSARY.
- ① MOUNT LATCHES WITH TABS TOWARD CENTER OF DOOR.



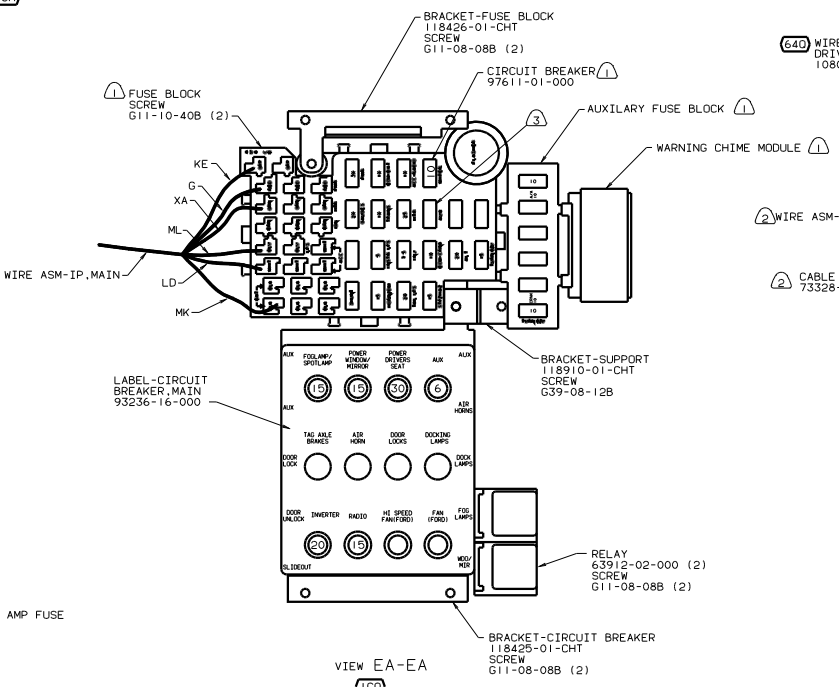
VIEW EA-EA (16M)



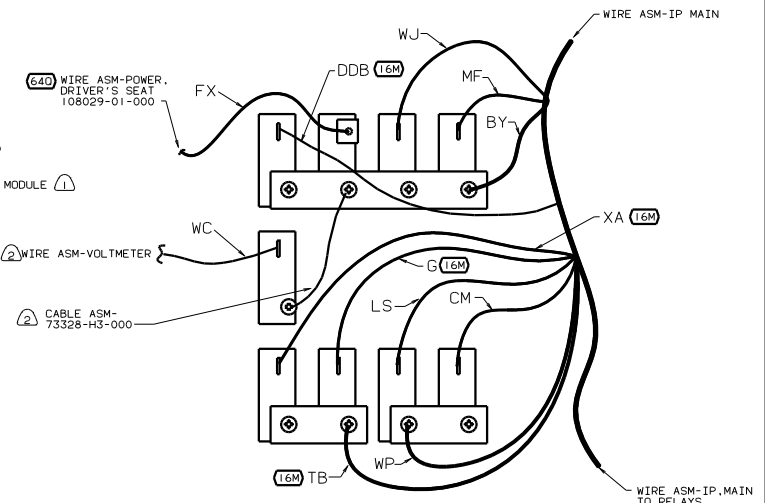
VIEW EA-EA (1CV)



REAR VIEW OF BREAKER PANEL



VIEW EA-EA (1CO)



WIRING OF BREAKER PANEL

- (1CO) CHEVY CHASSIS GAS
- (64D) SEATS-CAB-6-WAY PWR PEDESTAL
- (28X) MIRRORS-EXTERIOR W/DEFROST
- (1CV) CHEVROLET CHASSIS-21,000#
- (16M) FORD CHASSIS-20,500# GVWR

99 L-SERIES

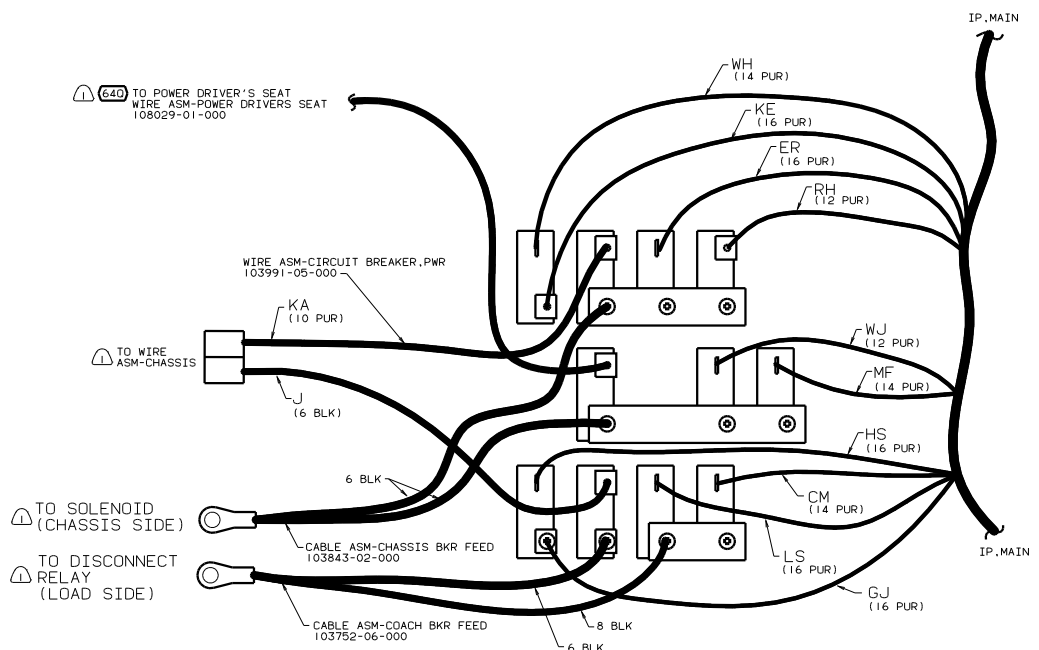
TITLE	WIRING INSTL-FRONT END
DO NOT SCALE DIMENSIONS	DATE
SHEET 5 OF 22	129049

NOTES:

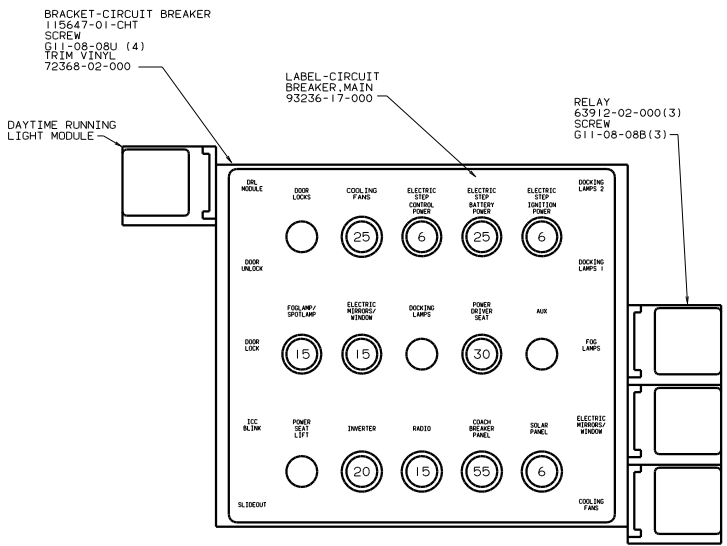
(3) REPLACE 30 AMP CIRCUIT BREAKER WITH 15 AMP FUSE AND SAVE FOR LATER USE.

(2) WITH SHELL.

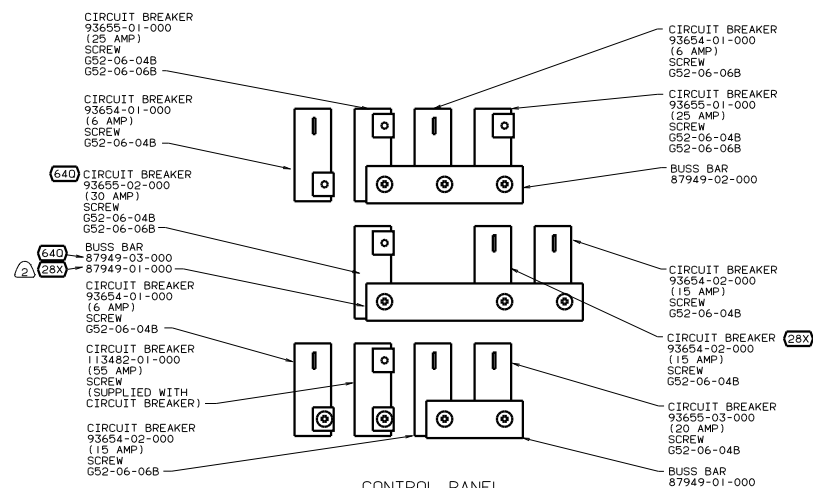
(1) CHASSIS SUPPLIED.



CONTROL PANEL WIRING



DETAIL FA



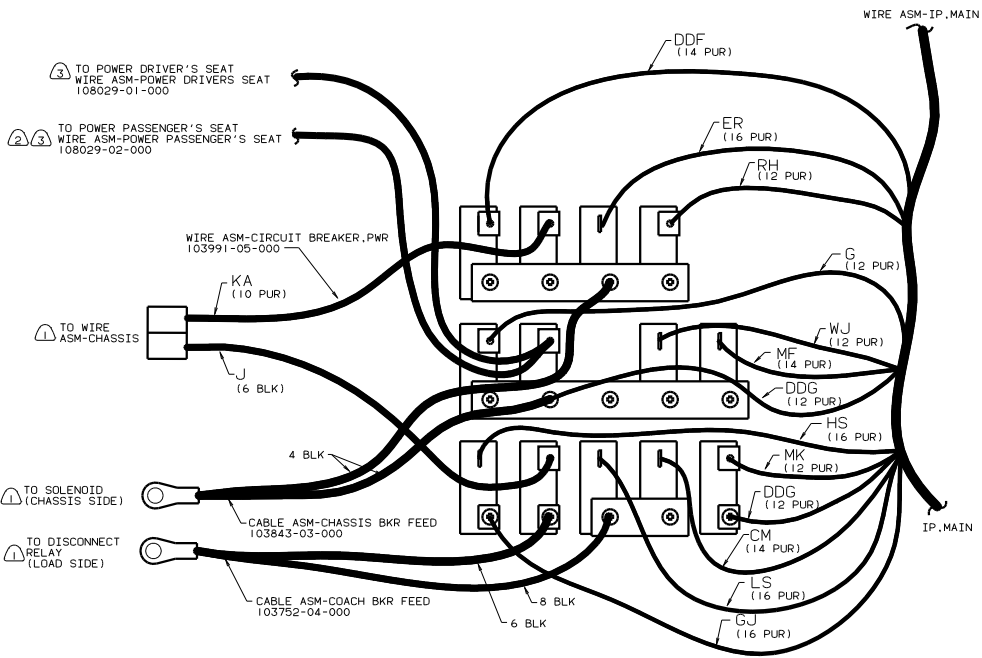
CONTROL PANEL

- ③ WITHOUT 28X
- ② WITHOUT 640
- ① SEE SHEET 3 FOR ROUTING INFORMATION.

640 SEATS-CAB-6-WAY PWR PEDESTAL  
28X MIRRORS-EXTERIOR W/DEFROST  
IFC FREIGHTLINER CHASSIS-24.850M

99 L-SERIES ONLY

TITLE	WIRING INSTL-FRONT END
NO. OF SHEETS	16
SHEET	6 OF 22
DATE	129049

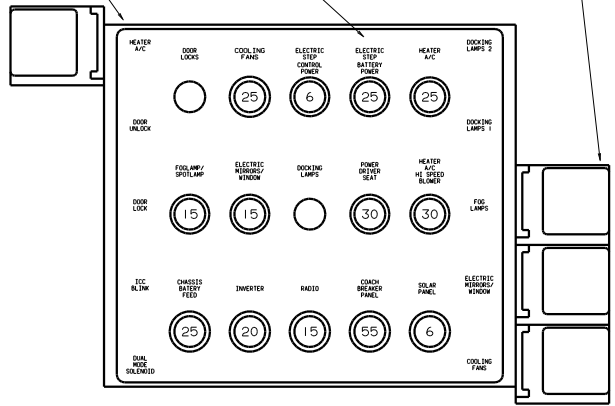


CONTROL PANEL WIRING

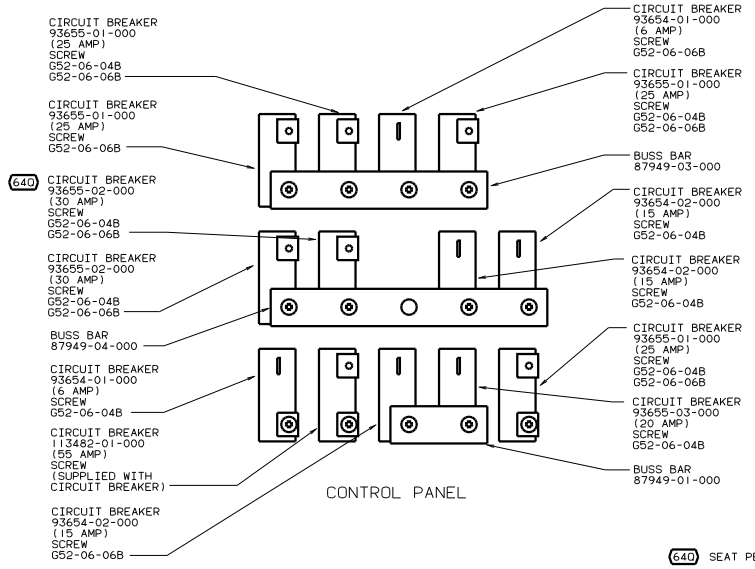
BRACKET-CIRCUIT BREAKER  
115647-01-CHT  
SCREW  
G11-08-08U (4)  
TRIM-VINYL  
72368-02-000

LABEL-CIRCUIT BREAKER, MAIN  
93236-19-000

RELAY  
63912-02-000 (4)  
SCREW  
G11-08-08B (4)



DETAIL EA



CONTROL PANEL

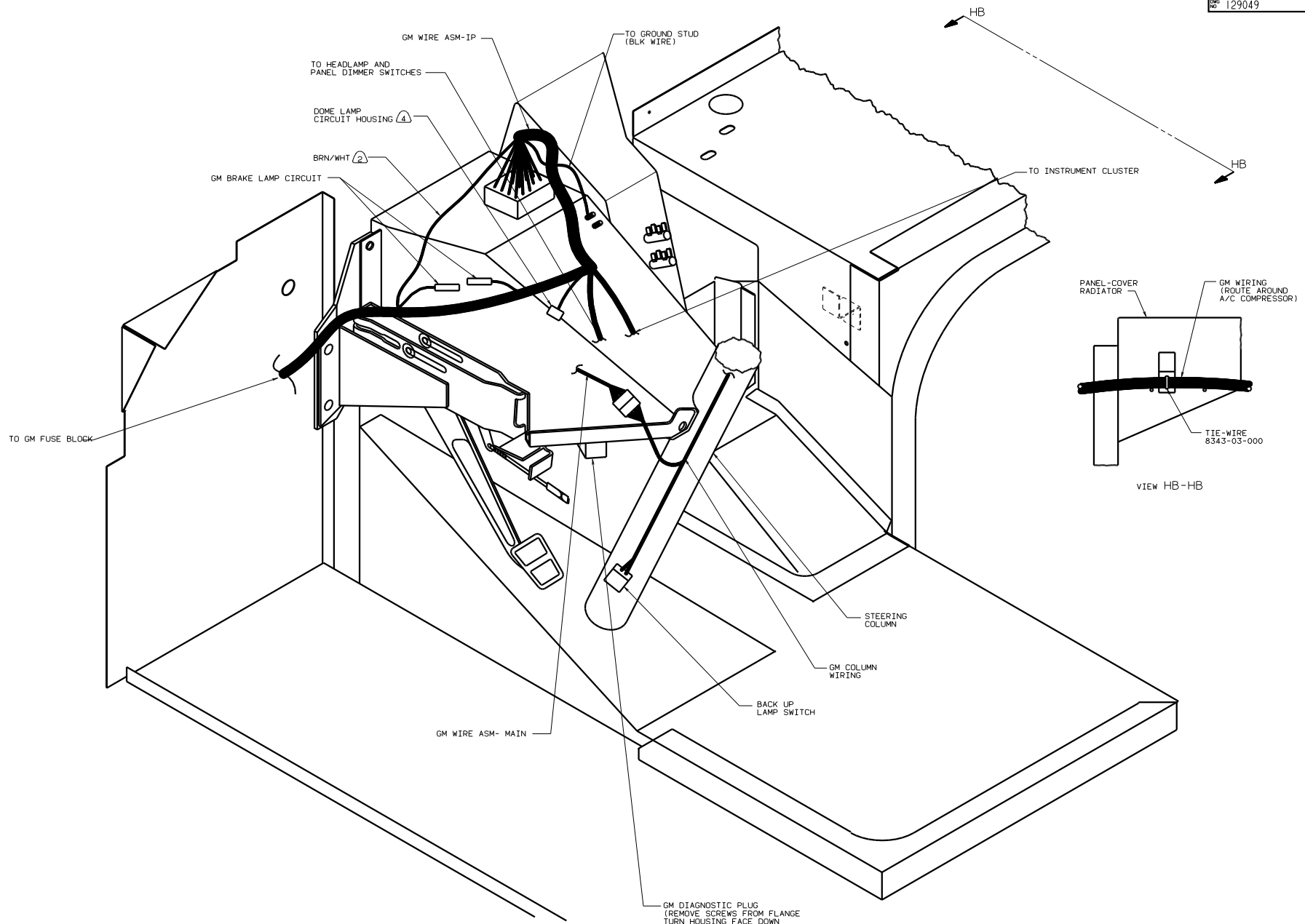
640 SEAT PED-6-WAY POWER DRIVER

99 1/2 L-SERIES ONLY

TITLE	WIRING INSTL-FRONT END
DO NOT SCALE DRAWING	FIG. NO.
SHEET 7 OF 22	129049

NOTES:  
SEE SHT 4 FOR ROUTING INFORMATION





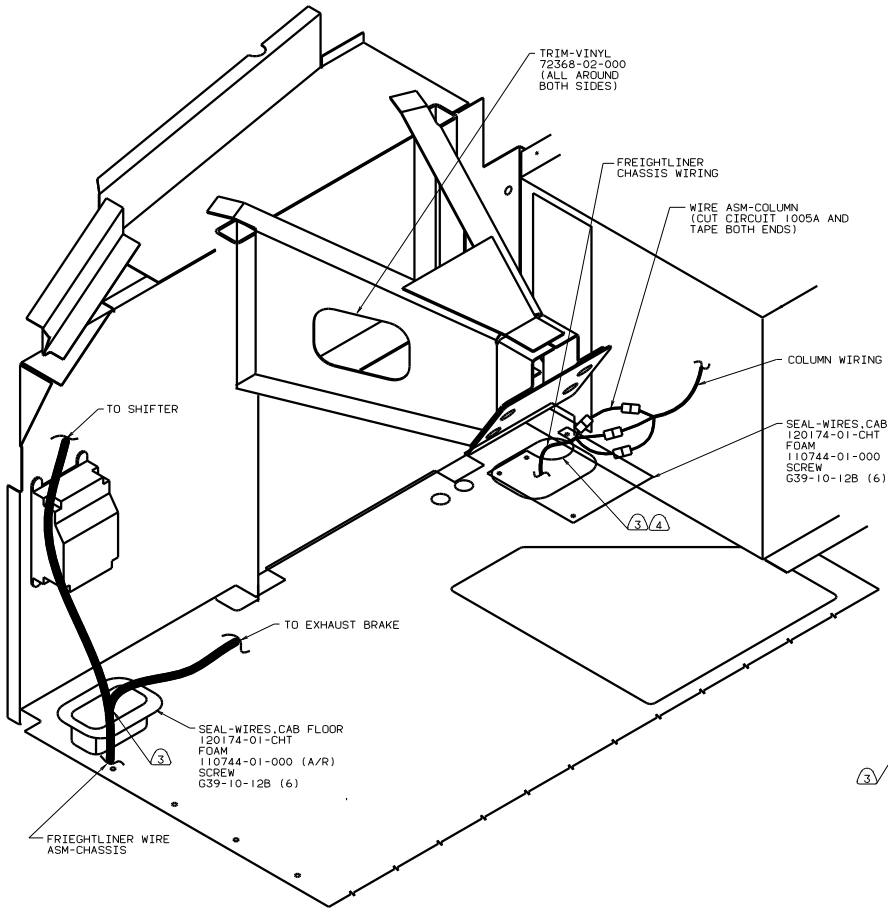
- ④ CONNECT TO MATING HOUSING ON WIRE ASM-IP, MAIN, STD CHEVY ONLY.
- ③ MOUNT ON TOP OF PARK BRAKE BRACKET WHERE SHOWN USING CLIP SUPPLIED WITH MODULE, STD CHEVY ONLY.
- ② CONNECT TO TERMINAL ON PARK BRAKE, IF BRAKE IS PRESENT. ALL STD CHEVYS CONNECT BLUE LEVELING JACK WIRE TO BROWN WIRE.

1. ONLY GM WIRING SHOWN FOR CLARITY. SEE OTHER VIEWS OF THIS DRAWING FOR OTHER WIRING IN THIS AREA.

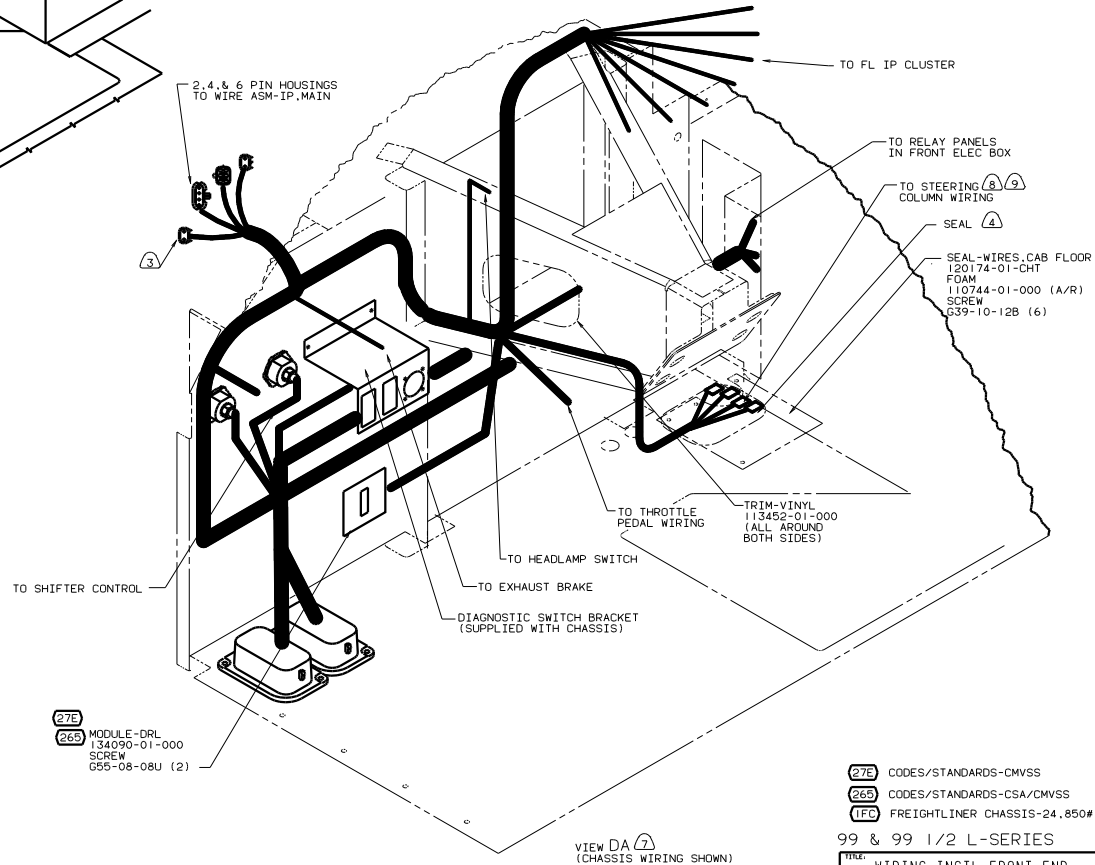
VIEW HA-HA (ICD) OR (TCV)

(ICD) CHEVY CHASSIS GAS  
 (TCV) CHEVROLET CHASSIS-21.000#  
 99 L-SERIES

TITLE: WIRING INSTL-FRONT END	
NO. OF SHEETS: 8	SHEET 8 OF 22
DATE: 1/16/05	129049



VIEW JA-JA  
(FREIGHTLINER WIRING SHOWN  
FOR PRE-SYSTEM 3 FL)



VIEW DA (CHASSIS WIRING SHOWN)

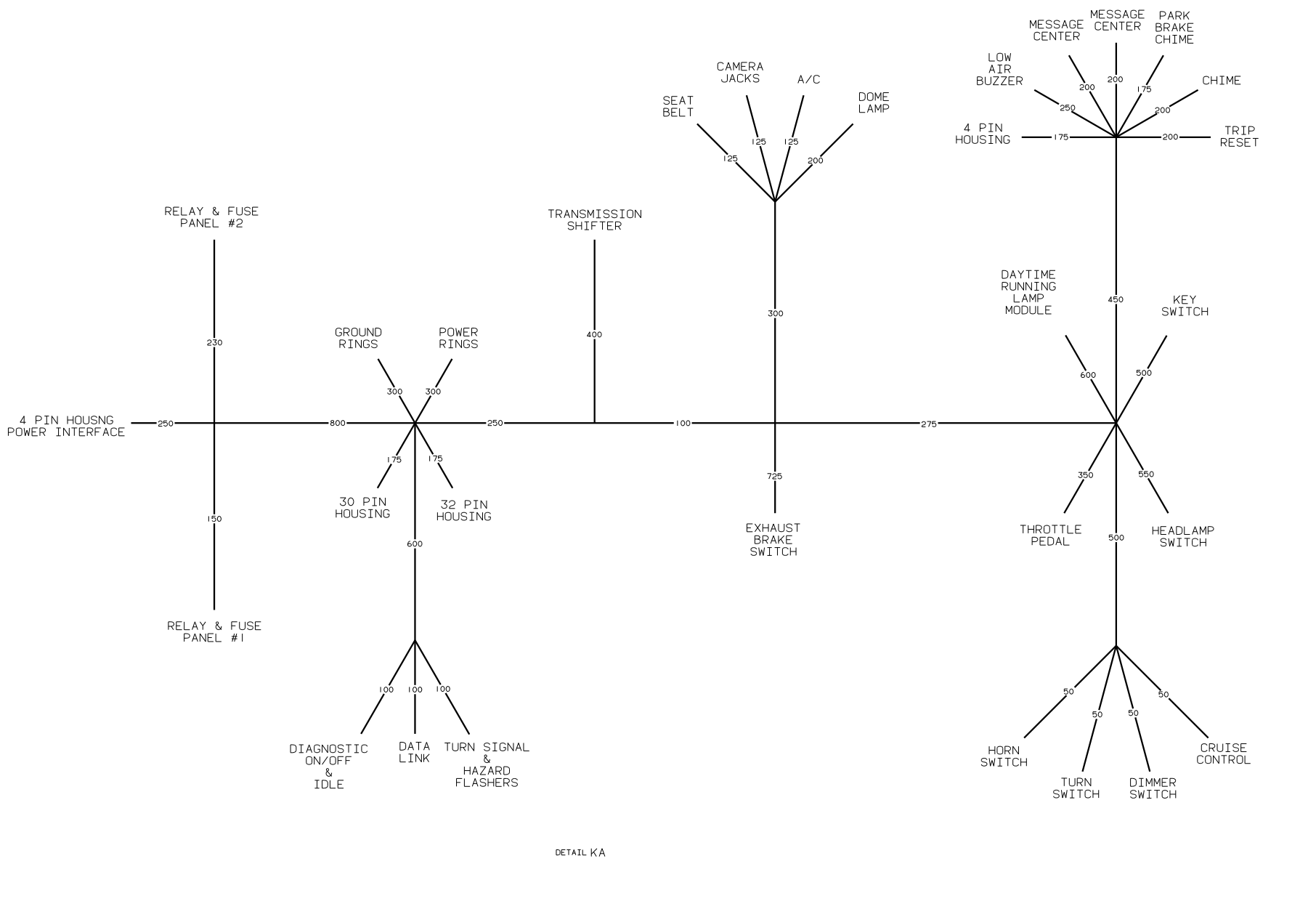
- (8) 4 RED WIRES (12V) TO OUTBOARD ISOLATED STUD.
  - (7) 2 BLACK WIRES (GROUND) TO INBOARD ISOLATED STUD.
  - (6) DO NOT USE SEATBELT 2 PIN HOUSING.
  - (5) FL IP WIRE ASM SHOULD BE TIED PRIOR TO INSTALLATION SEE DETAIL KA FOR TYING INSTRUCTIONS.
  - (4) ROUTE PARK BRAKE VALVE AND AIR LINES FOR DASH GAUGES THRU HERE. COVER WITH CONVOLUTE 41953 WHERE VISIBLE.
  - (3) SEAL.
2. BUNDLE AND SECURE ALL EXCESS WIRE.
1. ONLY FREIGHTLINER WIRING SHOWN FOR CLARITY. SEE OTHER VIEWS OF THIS DRAWING FOR OTHER WIRING IN THIS AREA.

(27E)  
(26S) MODULE-DRL  
134090-01-000  
SCREW  
G55-08-08U (2)

(27E) CODES/STANDARDS-CMVSS  
(26S) CODES/STANDARDS-CSA/CMVSS  
(1FC) FREIGHTLINER CHASSIS-24,850V

99 & 99 1/2 L-SERIES

TITLE		129049	
WIRING INSTL-FRONT END			
NO. OF SHEETS	TOTAL SHEETS	DATE	REV.
9	22		



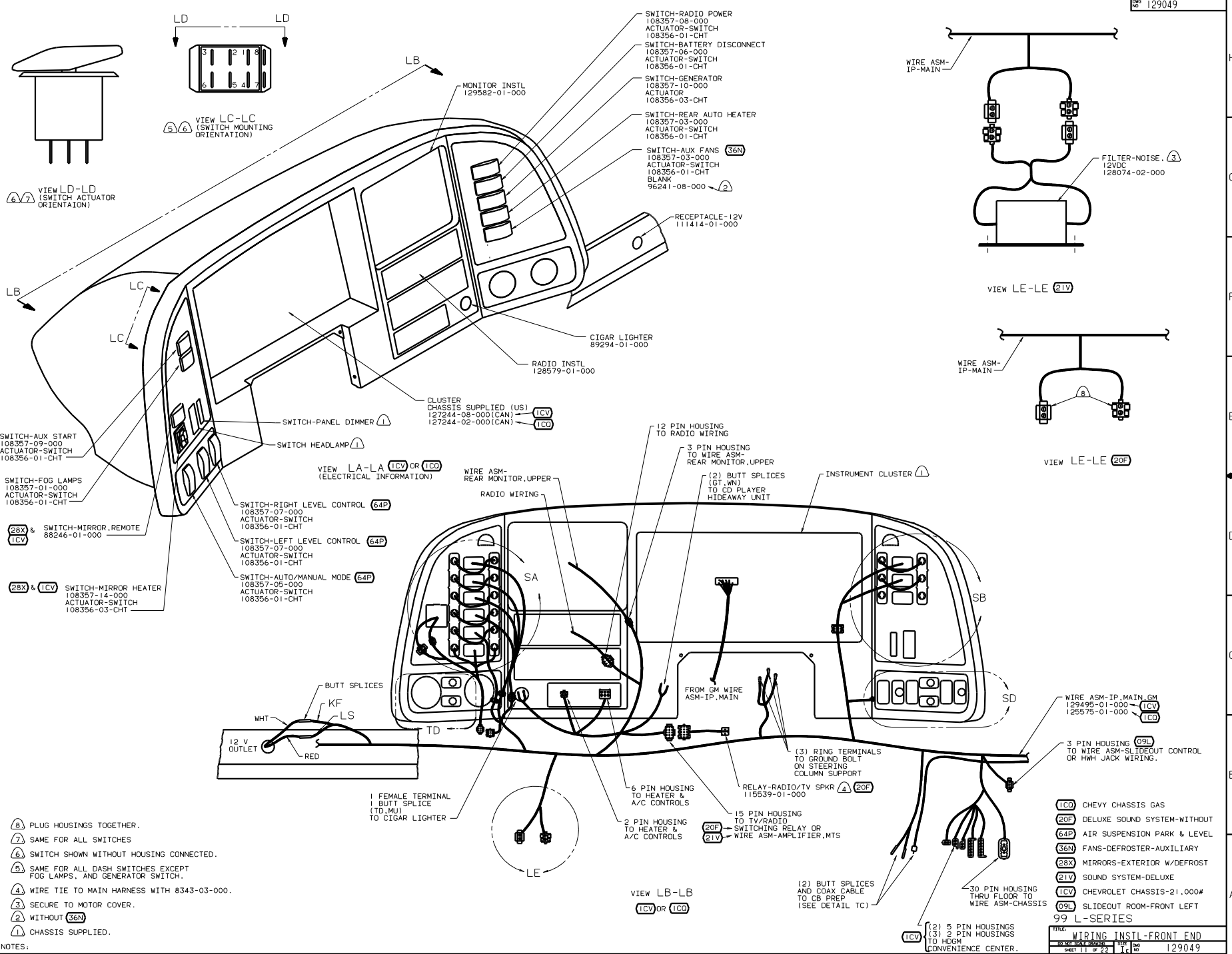
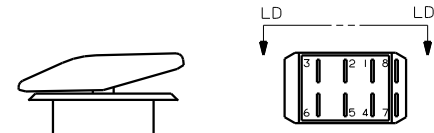
DETAIL KA

1. USE WIRE TIES TO FORM FREIGHTLINER IP WIRE INTO THIS CONFIGURATION

NOTES:

99 1/2 L-SERIES ONLY

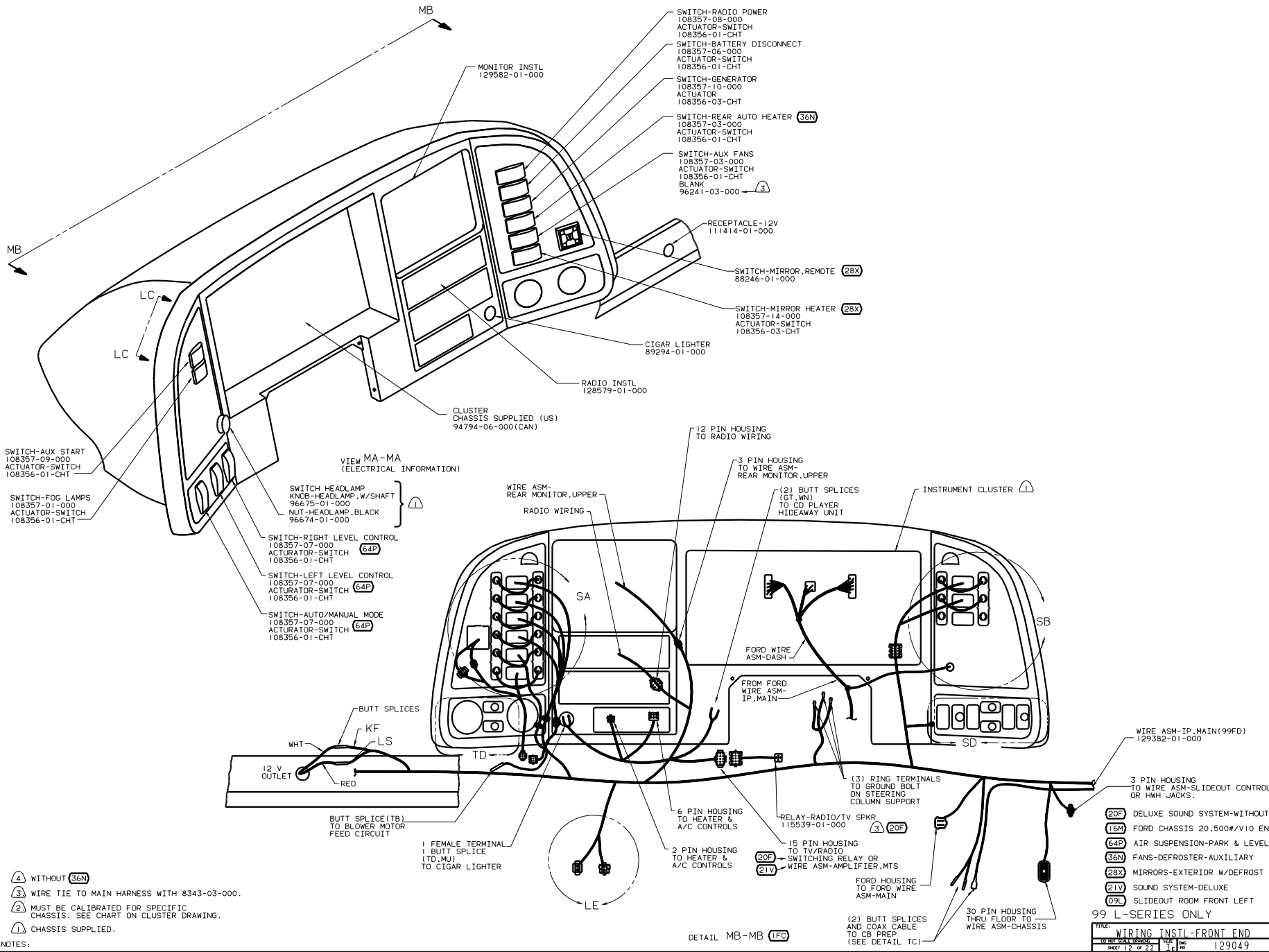
TITLE: WIRING INSTL-FRONT END	
30 PIN HOUSING	FIG. NO.
SHEET 10 OF 22	129049

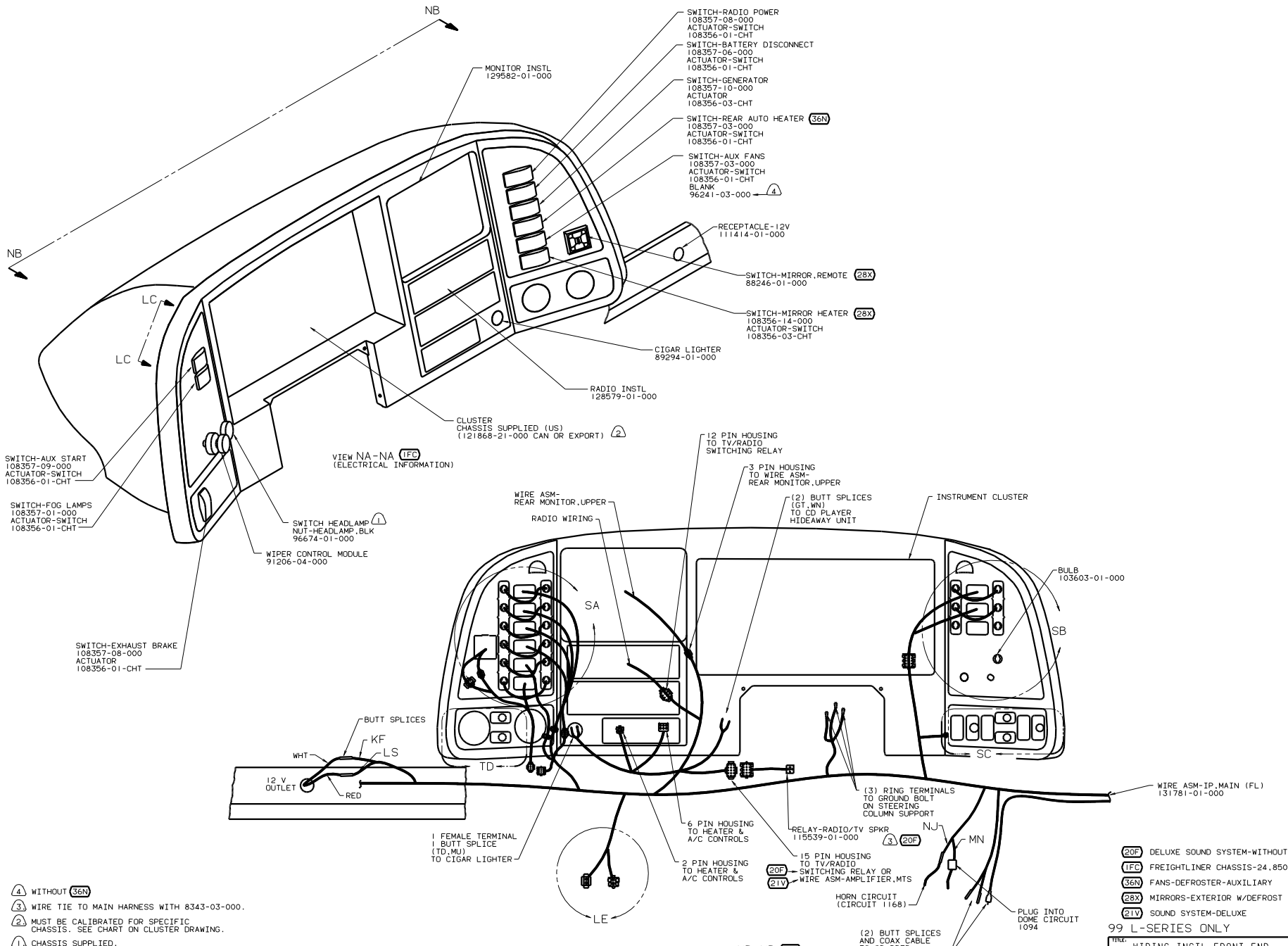


- (8) PLUG HOUSINGS TOGETHER.
- (7) SAME FOR ALL SWITCHES
- (6) SWITCH SHOWN WITHOUT HOUSING CONNECTED.
- (5) SAME FOR ALL DASH SWITCHES EXCEPT FOG LAMPS, AND GENERATOR SWITCH.
- (4) WIRE TIE TO MAIN HARNESS WITH 8343-03-000.
- (3) SECURE TO MOTOR COVER.
- (2) WITHOUT (36N)
- (1) CHASSIS SUPPLIED.

- (1CD) CHEVY CHASSIS GAS
- (20P) DELUXE SOUND SYSTEM-WITHOUT
- (64P) AIR SUSPENSION PARK & LEVEL
- (36N) FANS-DEFROSTER-AUXILIARY
- (28X) MIRRORS-EXTERIOR W/DEFROST
- (21V) SOUND SYSTEM-DELUXE
- (1CV) CHEVROLET CHASSIS-21,000#
- (09L) SLIDEOUT ROOM-FRONT LEFT

TITLE		WIRING INSTL-FRONT END	
NO. THIS SHEET CONTAINS	OF THE SHEETS	DATE	129049
SHEET 11 OF 22	16	11/01	





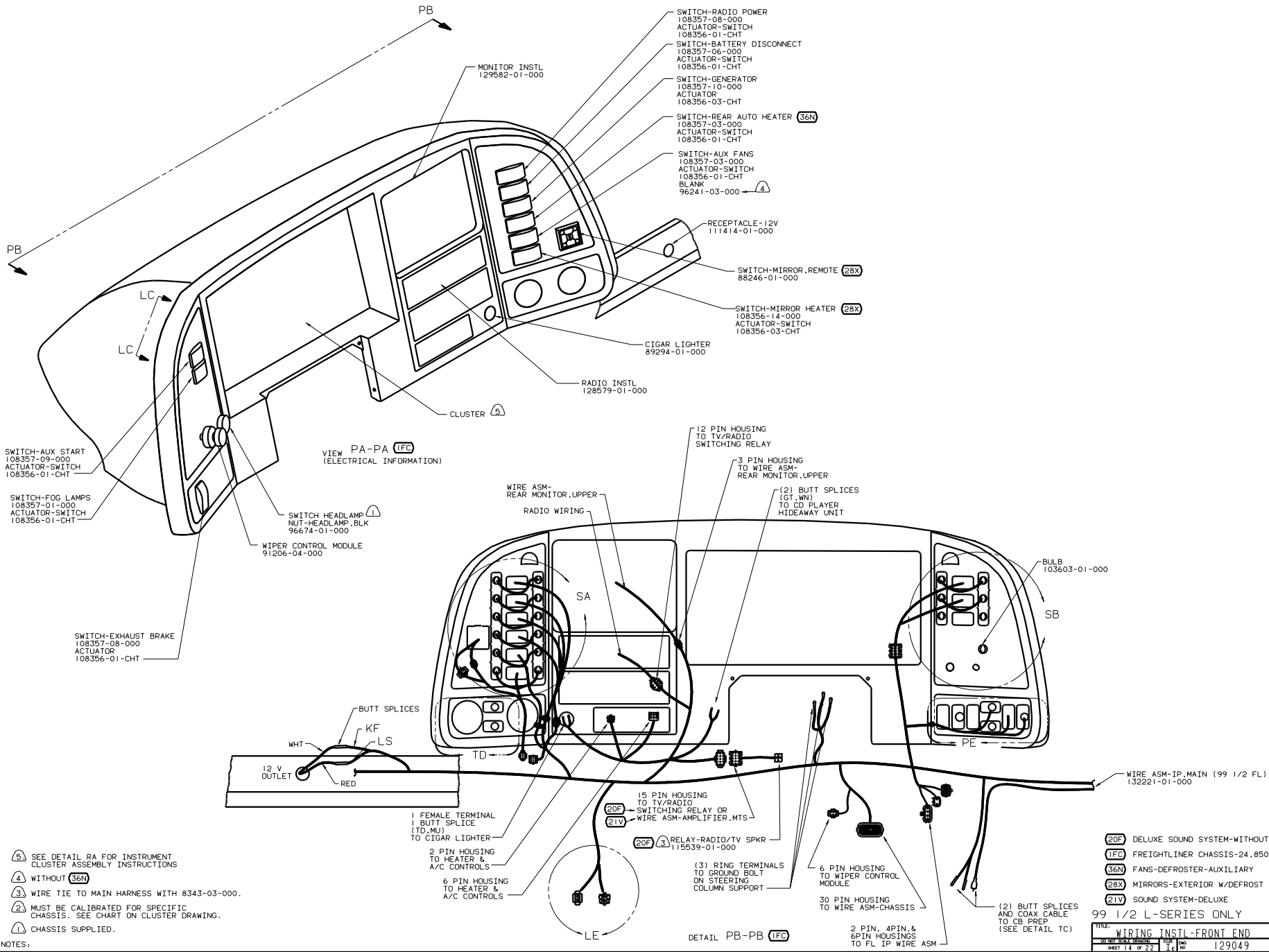
- ① WITHOUT (36N)
- ③ WIRE TIE TO MAIN HARNESS WITH 8343-03-000.
- ② MUST BE CALIBRATED FOR SPECIFIC CHASSIS. SEE CHART ON CLUSTER DRAWING.
- ④ CHASSIS SUPPLIED.

- (20F) DELUXE SOUND SYSTEM-WITHOUT
- (1FC) FREIGHTLINER CHASSIS-24, 850W
- (36N) FANS-DEFROSTER-AUXILIARY
- (28X) MIRRORS-EXTERIOR W/DEFROST
- (21V) SOUND SYSTEM-DELUXE

99 L-SERIES ONLY

TITLE: WIRING INSTL-FRONT END	
NO. OF SHEETS: 22	SHEET NO: 16
129049	

DETAIL NB-NB (1FC)



- SWITCH-AUX START  
108357-09-000  
ACTUATOR-SWITCH  
108356-01-CHT
- SWITCH-FOG LAMPS  
108357-01-000  
ACTUATOR-SWITCH  
108356-01-CHT
- SWITCH-EXHAUST BRAKE  
108357-08-000  
ACTUATOR  
108356-01-CHT

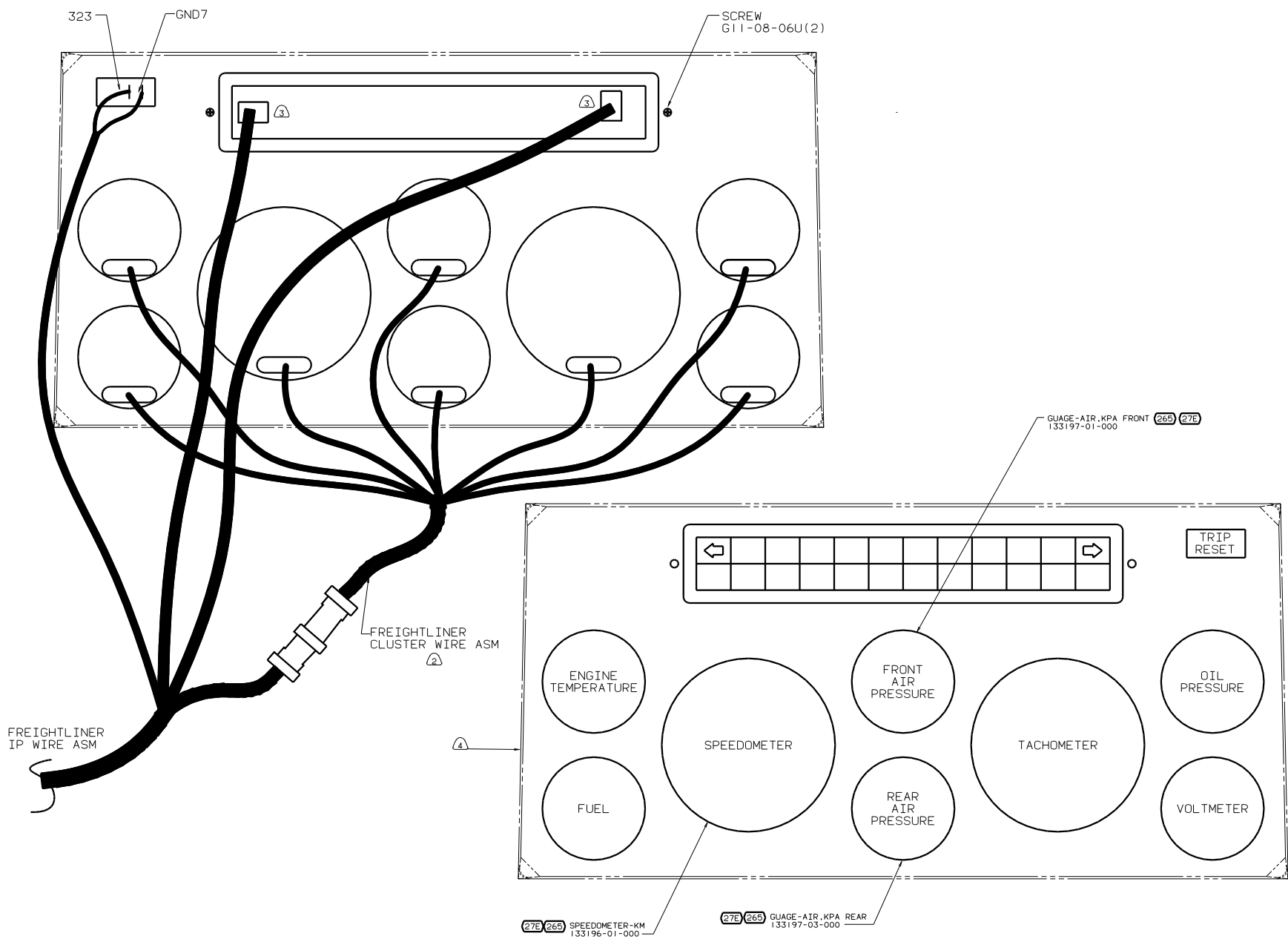
- SWITCH-RADIO POWER  
108357-08-000  
ACTUATOR-SWITCH  
108356-01-CHT
- SWITCH-BATTERY DISCONNECT  
108357-06-000  
ACTUATOR-SWITCH  
108356-01-CHT
- SWITCH-GENERATOR  
108357-10-000  
ACTUATOR  
108356-03-CHT
- SWITCH-REAR AUTO HEATER (36N)  
108357-03-000  
ACTUATOR-SWITCH  
108356-01-CHT
- SWITCH-AUX FANS  
108357-03-000  
ACTUATOR-SWITCH  
108356-01-CHT
- BLANK  
96241-03-000 (4)

- (5) SEE DETAIL RA FOR INSTRUMENT CLUSTER ASSEMBLY INSTRUCTIONS
- (4) WITHOUT (36N)
- (3) WIRE TIE TO MAIN HARNESS WITH 8343-03-000.
- (2) MUST BE CALIBRATED FOR SPECIFIC CHASSIS. SEE CHART ON CLUSTER DRAWING.
- (1) CHASSIS SUPPLIED.

- (20F) DELUXE SOUND SYSTEM-WITHOUT
- (1FC) FREIGHTLINER CHASSIS-24, 850W
- (36N) FANS-DEFROSTER-AUXILIARY
- (28X) MIRRORS-EXTERIOR W/DEFROST
- (21V) SOUND SYSTEM-DELUXE

99 1/2 L-SERIES ONLY  
 TITLE: WIRING INSTL-FRONT END  
 TO THE SCALE SHOWN THE DIM NO 129049  
 SHEET 14 OF 22 1.6

DETAIL PB-PB (1FC)



- NOTES:
- ④ ALL GAUGES SUPPLIED WITH CHASSIS EXCEPT AS NOTED.
  - ③ EITHER MESSAGE CENTER PLUG WILL FIT EITHER SOCKET
  - ② ANY PLUG ON CLUSTER WIRE ASM WILL FIT ANY GAUGE
  - 1. ALL GAUGES, RETAINER CLIPS AND FASTENERS ARE CHASSIS SUPPLIED

②⑦E ②⑥S SPEEDOMETER-KM  
133196-01-000

②⑦E ②⑥S GAUGE-AIR, KPA REAR  
133197-03-000

GAUGE-AIR, KPA FRONT ②⑥S ②⑦E  
133197-01-000

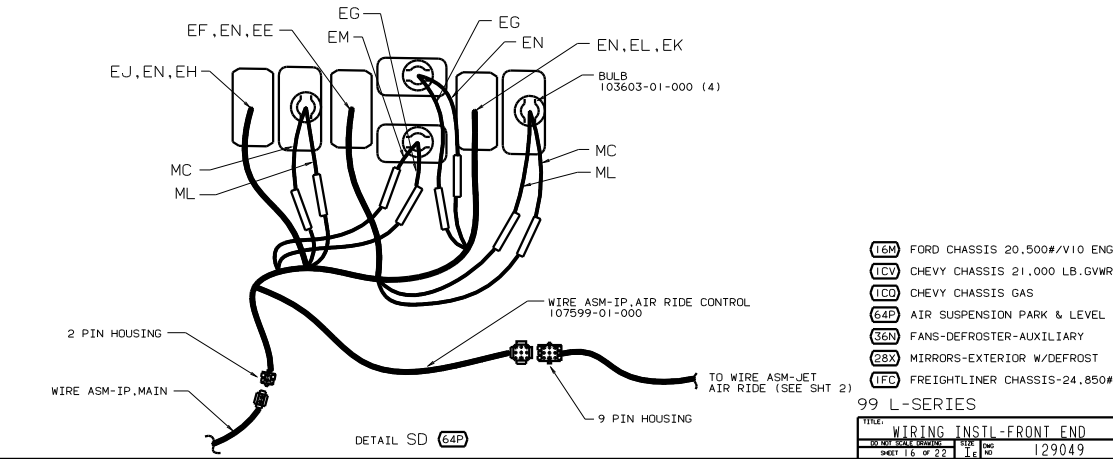
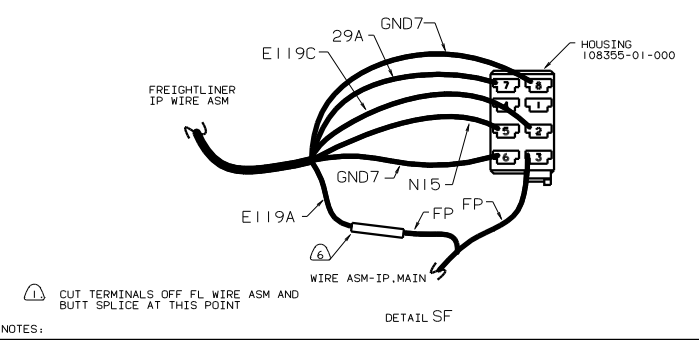
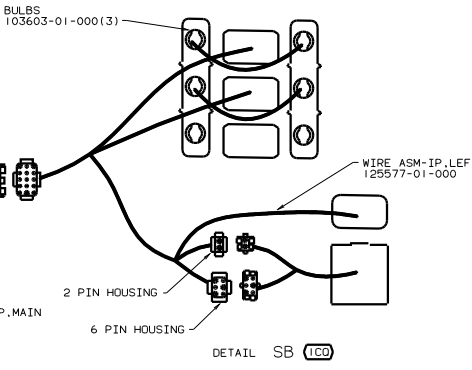
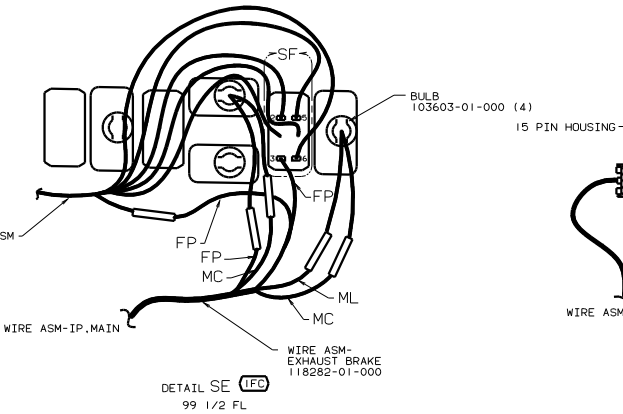
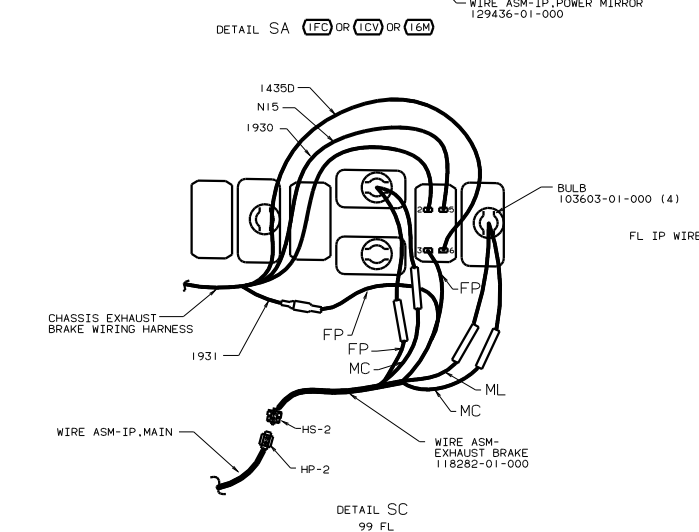
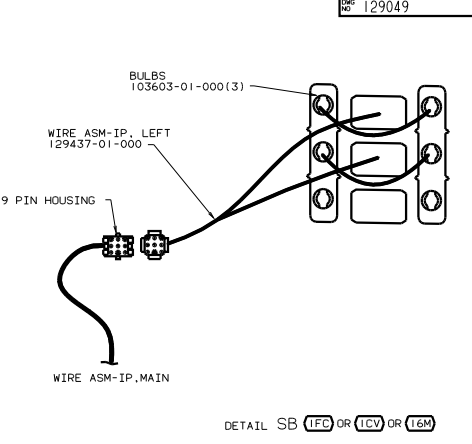
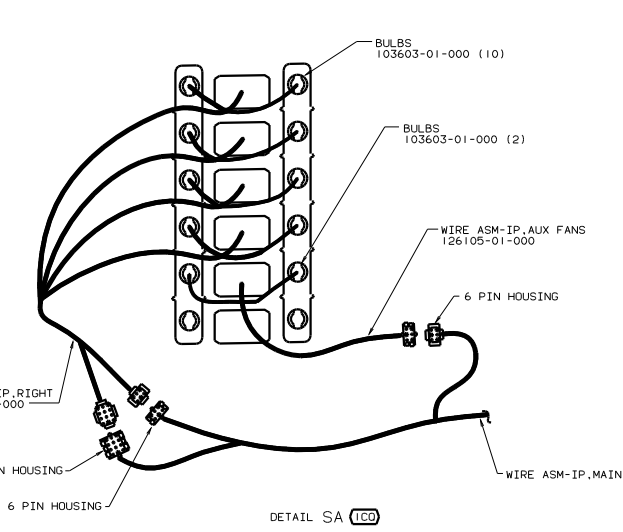
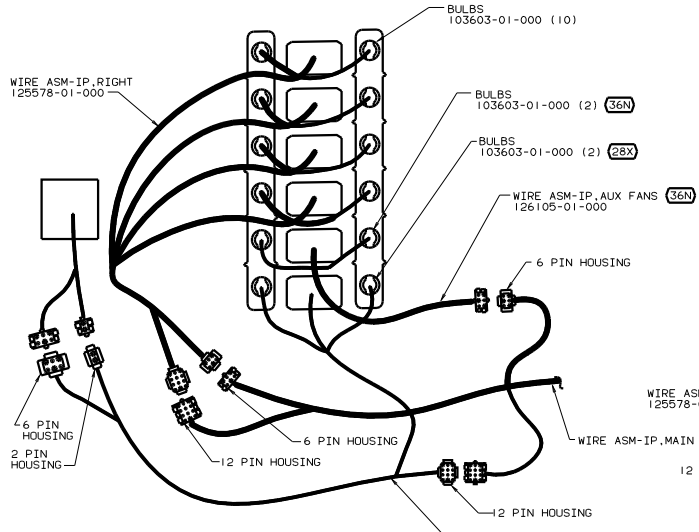
DETAIL RA

②⑦E CODES/STANDARDS-CMVSS  
②⑥S CODES/STANDARDS-CSA/CMVSS

99 1/2 L-SERIES ONLY

TITLE		WIRING INSTL-FRONT END	
NO. OF SHEETS	TOTAL SHEETS	FIG. NO.	129049
SHEET 15	OF 22	1.E	

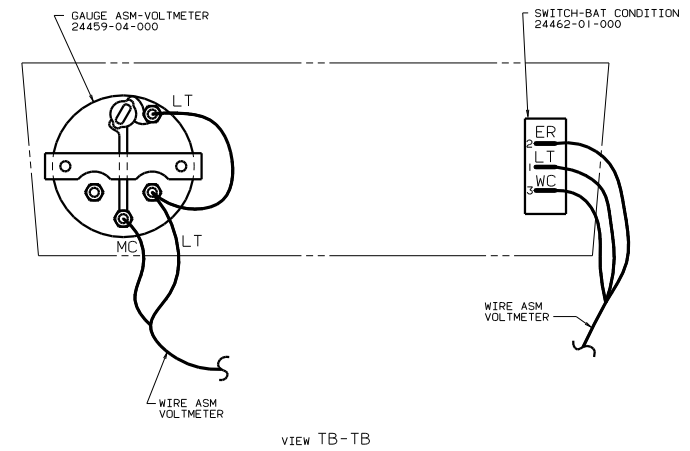
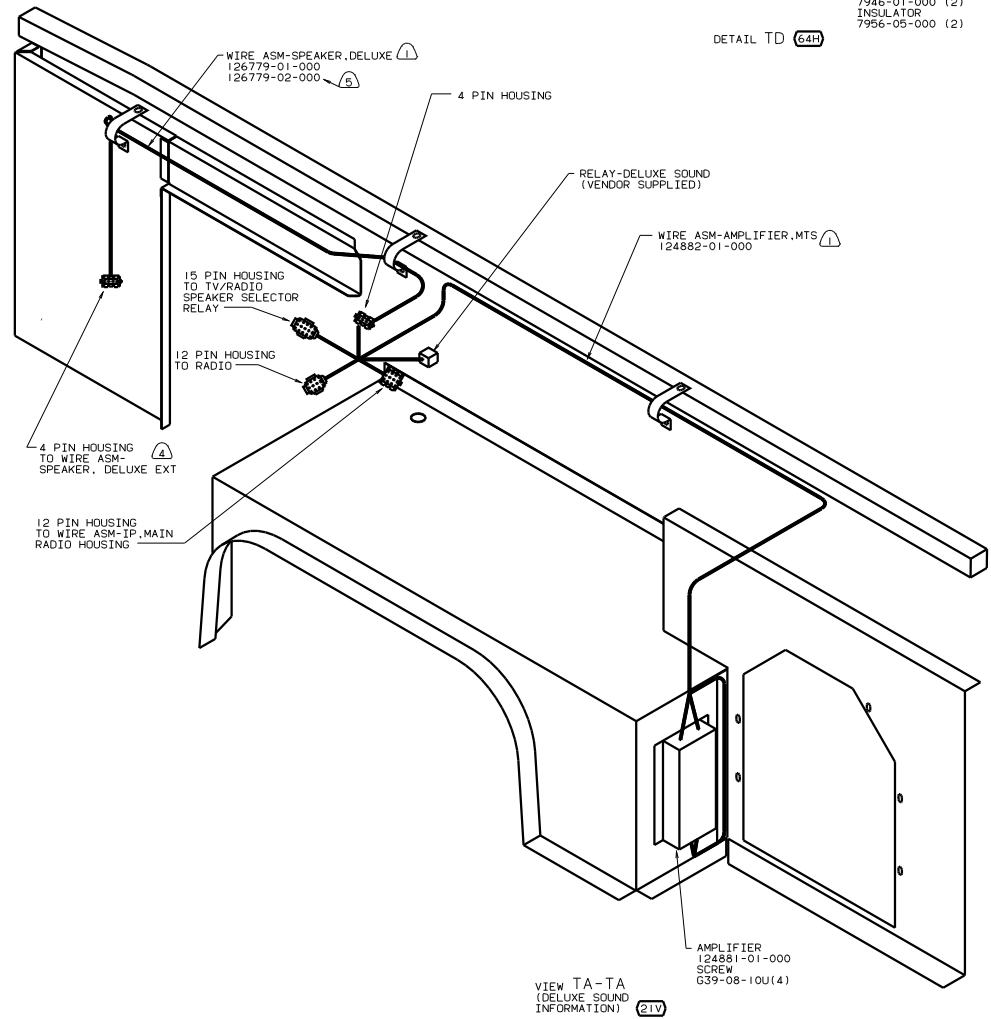
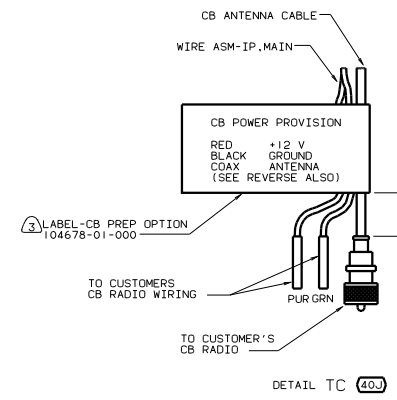
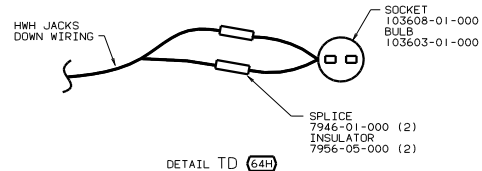




- (1GM) FORD CHASSIS 20,500#/V10 ENG
- (1CV) CHEVY CHASSIS 21,000 LB. GVWR
- (1CO) CHEVY CHASSIS GAS
- (64P) AIR SUSPENSION PARK & LEVEL
- (36N) FANS-DEFROSTER-AUXILIARY
- (28X) MIRRORS-EXTERIOR W/DEFROST
- (1FC) FREIGHTLINER CHASSIS-24.850#

NOTES:

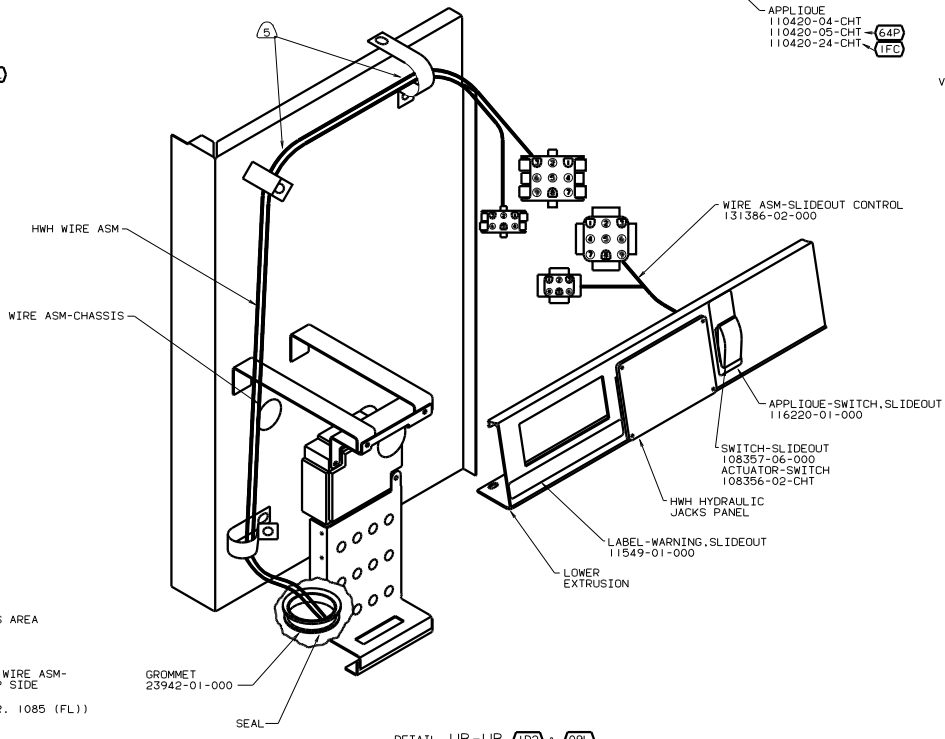
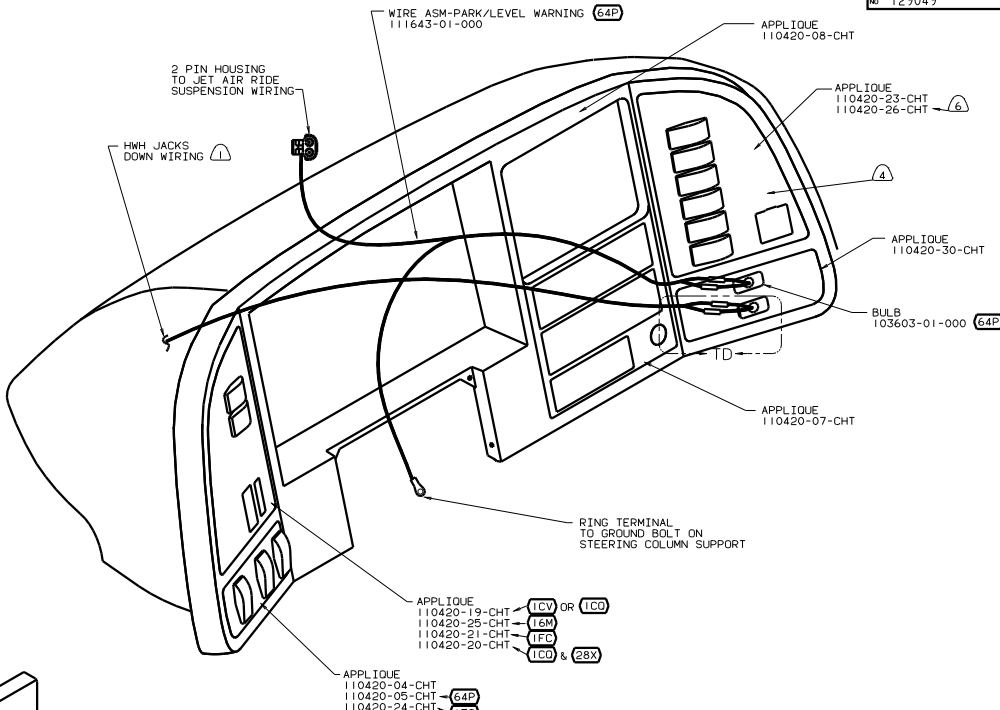
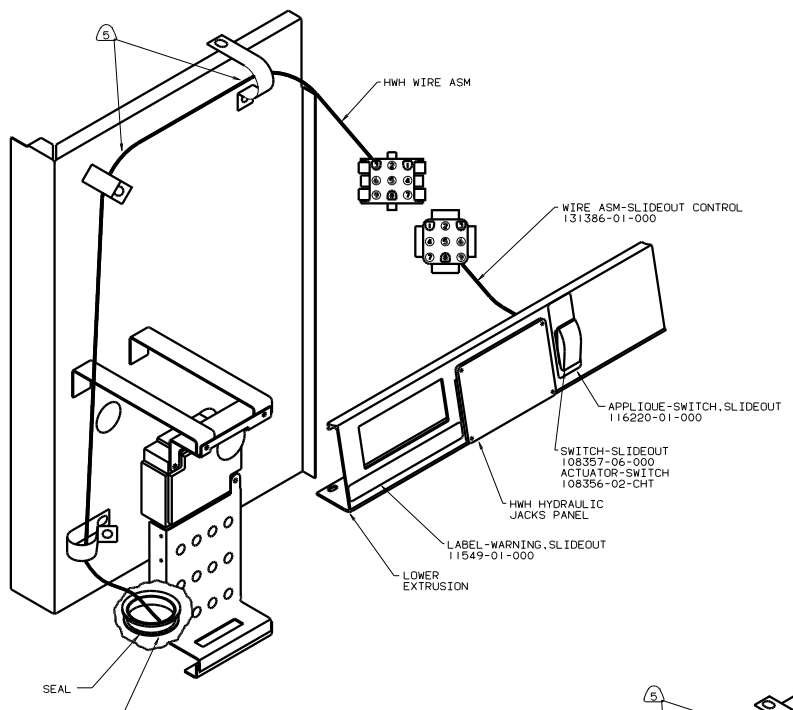
⚠ CUT TERMINALS OFF FL WIRE ASM AND BUTT SPLICE AT THIS POINT



- NOTES:
- (5) 99 1/2 L-PUSHER.
  - (4) FOR ADDITIONAL INFORMATION SEE WIRING INSTL-BODY.
  - (3) EDGE OF LABEL TO HANG JUST BELOW BOTTOM OF DASH.
  - (2) SHELL MODELS.
  - (1) ROUTE WITH WIRE ASM-IP, MAIN.

- (64H) HYDRAULIC LEVELING JACKS
- (40J) CB RADIO PREP
- (21V) SOUND SYSTEM-DELUXE
- 99 L-SERIES

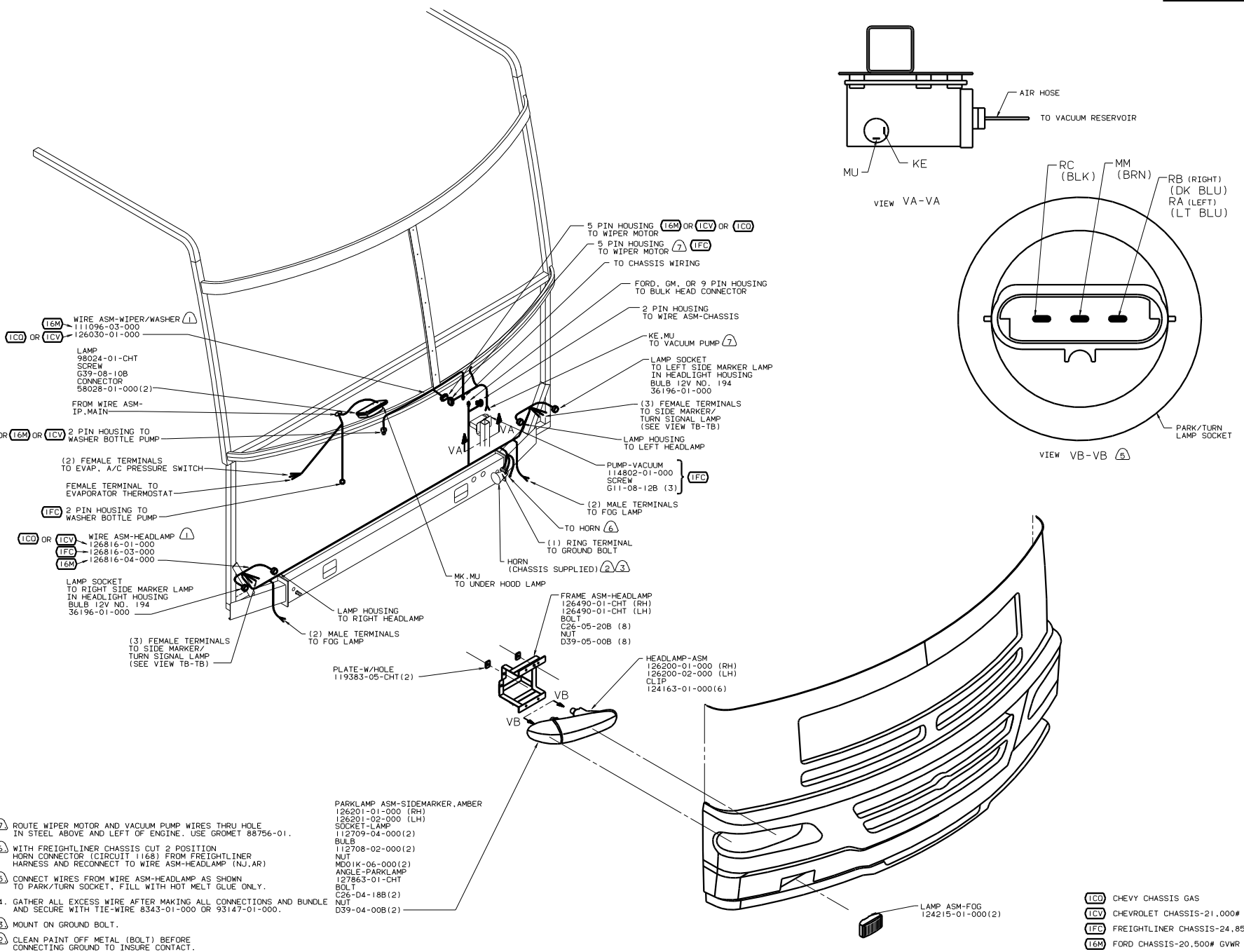
TITLE	WIRING INSTL-FRONT END
NO. OF SHEETS	22
SHEET NO.	17
REV.	1
DATE	
129049	



- (6) (28X) WITH (1FC) OR (1CV) OR (16M)
- (5) ROUTE THROUGH CLAMPS WITH WIRE ASM-IP, MAIN IN THIS AREA
- (4) COVER CLEAR LEGEND ON BEZEL WITH FILM 77031-01-000 (BLANK) OR 77031-03-000 (W/FEATURE)
- (3) CUT WIRE BETWEEN BRAKE SWITCH AND LAMP; SPLICE IN WIRE ASM-SLIDEOUT CONTROL WITH DIODE CONNECTED TO DASH LAMP SIDE
- (2) CHASSIS SUPPLIED (TAN/WHT (GM)) (PUR/WHT (FD)) (CIR. 1085 (FL))
- (1) FOR ADDITIONAL INFORMATION SEE WIRING INSTL-BODY

- (1CD) CHEVY CHASSIS GAS
  - (64P) AIR SUSPENSION PARK & LEVEL
  - (64H) HYDRAULIC LEVELING JACKS
  - (28X) MIRRORS-EXTERIOR W/DEFROST
  - (1FC) FREIGHTLINER CHASSIS-24,850#
  - (1D2) SLIDEOUT ROOM-REAR LEFTHAND
  - (1CV) CHEVROLET CHASSIS-21,000#
  - (16M) FORD CHASSIS-20,500# GVWR
  - (09L) SLIDEOUT ROOM-FRONT LEFT
- 99 L-SERIES

TITLE		WIRING INSTL-FRONT END	
NO. OF SHEETS	TOTAL SHEETS	FIG. NO.	129049
SHEET 18 OF 22		1E	

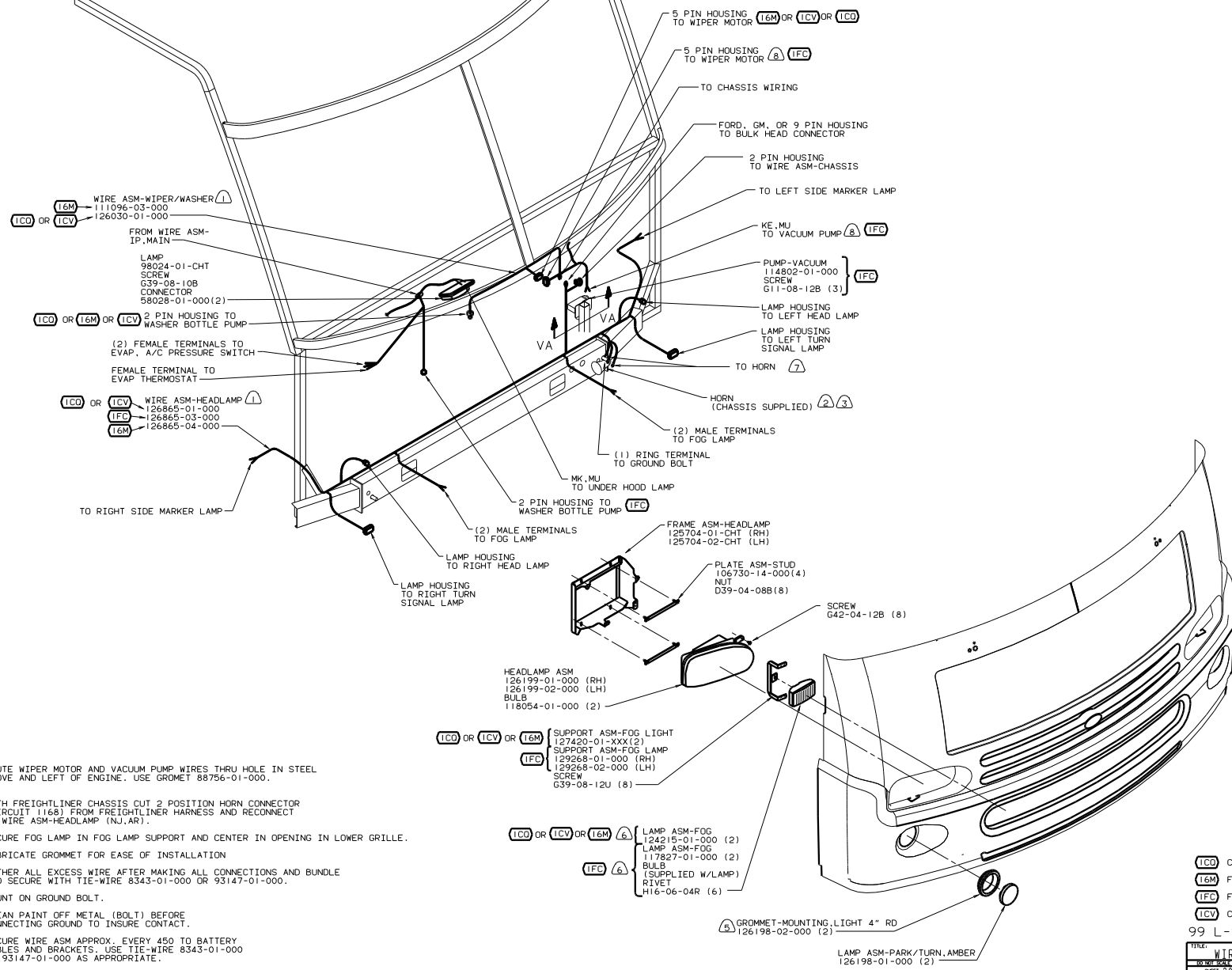


- ⑦ ROUTE WIPER MOTOR AND VACUUM PUMP WIRES THRU HOLE IN STEEL ABOVE AND LEFT OF ENGINE. USE GROMET 88756-01.
- ⑥ WITH FREIGHTLINER CHASSIS CUT 2 POSITION HORN CONNECTOR (CIRCUIT 1168) FROM FREIGHTLINER HARNESS AND RECONNECT TO WIRE ASM-HEADLAMP (NJ,AR)
- ⑤ CONNECT WIRES FROM WIRE ASM-HEADLAMP AS SHOWN TO PARK/TURN SOCKET. FILL WITH HOT MELT GLUE ONLY.
- 4. GATHER ALL EXCESS WIRE AFTER MAKING ALL CONNECTIONS AND BUNDLE AND SECURE WITH TIE-WIRE 8343-01-000 OR 93147-01-000.
- ③ MOUNT ON GROUND BOLT.
- ② CLEAN PAINT OFF METAL (BOLT) BEFORE CONNECTING GROUND TO INSURE CONTACT.
- ① SECURE WIRE ASM APPROX. EVERY 450 TO BATTERY CABLES AND BRACKETS. USE TIE-WIRE 8343-01-000 OR 93147-01-000 AS APPROPRIATE.

- PARKLAMP ASM-SIDEMARKER, AMBER
- 126201-01-000 (RH)
  - 126201-02-000 (LH)
  - SOCKET-LAMP
  - 112709-04-000(2)
  - BULB
  - 112708-02-000(2)
  - NUT
  - MDD1K-05-000(2)
  - ANGLE-PARKLAMP
  - 127863-01-CHT
  - BOLT
  - C26-04-188(2)
  - NUT
  - D39-04-008(2)

- 1CDO CHEVY CHASSIS GAS
  - 1CV CHEVROLET CHASSIS-21,000#
  - 1FC FREIGHTLINER CHASSIS-24,850#
  - 16M FORD CHASSIS-20,500# GVWR
- 99 L-SERIES ONLY

TITLE: WIRING INSTL-FRONT END	
NO. OF SHEETS: 22	SHEET NO. 19
DATE: 11/80	REV. NO. 1
129049	

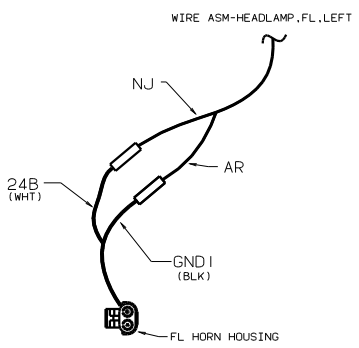
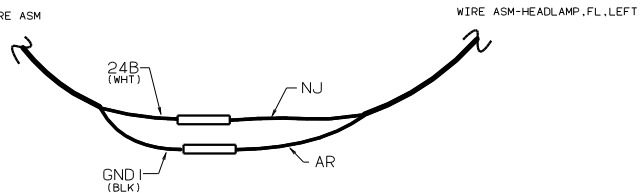
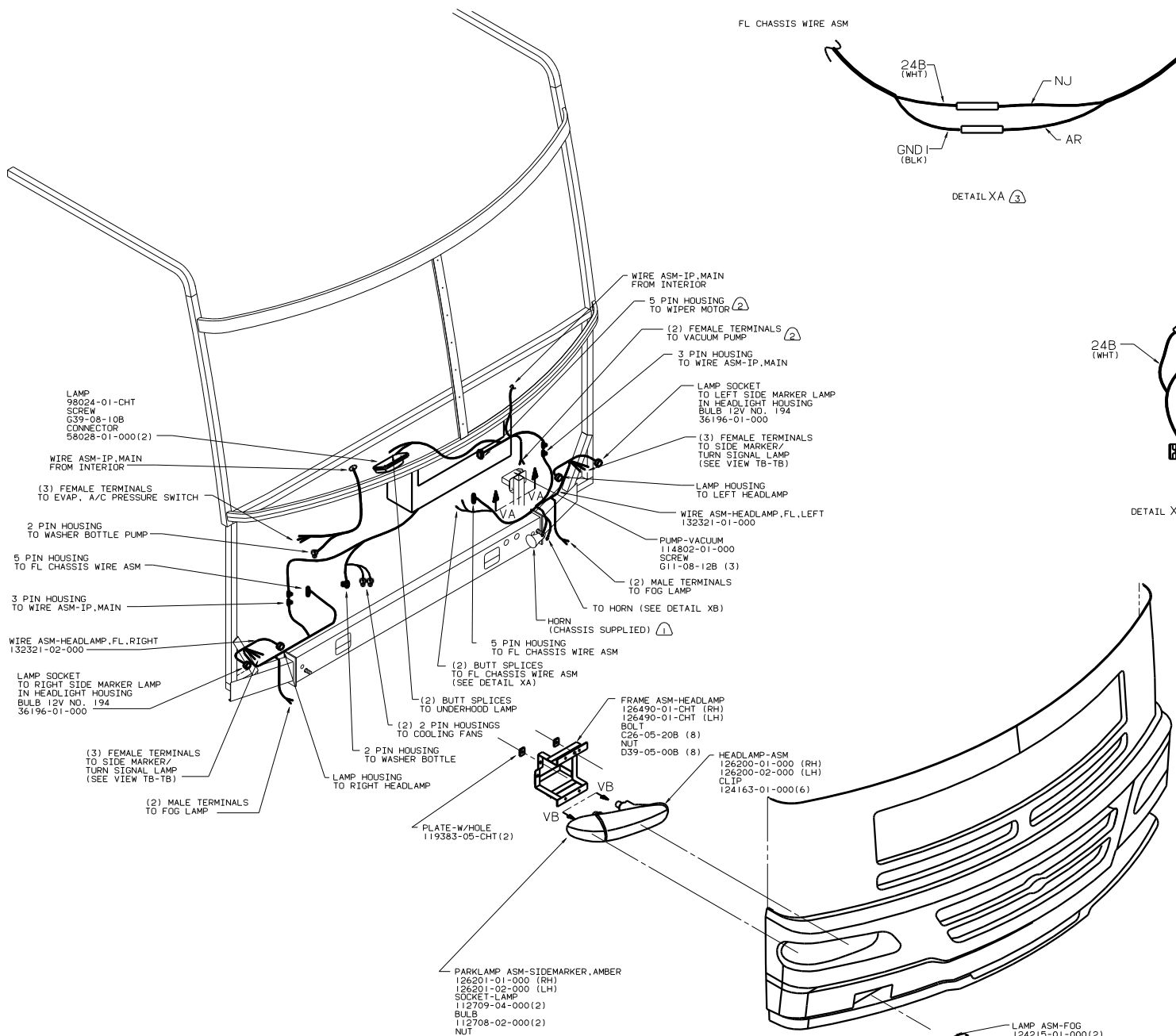


- (8) ROUTE WIPER MOTOR AND VACUUM PUMP WIRES THRU HOLE IN STEEL ABOVE AND LEFT OF ENGINE. USE GROMMET 88756-01-000.
- (1) WITH FREIGHTLINER CHASSIS CUT 2 POSITION HORN CONNECTOR (CIRCUIT 1168) FROM FREIGHTLINER HARNESS AND RECONNECT TO WIRE ASM-HEADLAMP (NJ,AR).
- (8) SECURE FOG LAMP IN FOG LAMP SUPPORT AND CENTER IN OPENING IN LOWER GRILLE.
- (8) LUBRICATE GROMMET FOR EASE OF INSTALLATION
- 4. GATHER ALL EXCESS WIRE AFTER MAKING ALL CONNECTIONS AND BUNDLE AND SECURE WITH TIE-WIRE 8343-01-000 OR 93147-01-000.
- (3) MOUNT ON GROUND BOLT.
- (2) CLEAN PAINT OFF METAL (BOLT) BEFORE CONNECTING GROUND TO INSURE CONTACT.
- (1) SECURE WIRE ASM APPROX. EVERY 450 TO BATTERY CABLES AND BRACKETS. USE TIE-WIRE 8343-01-000 OR 93147-01-000 AS APPROPRIATE.

NOTES:

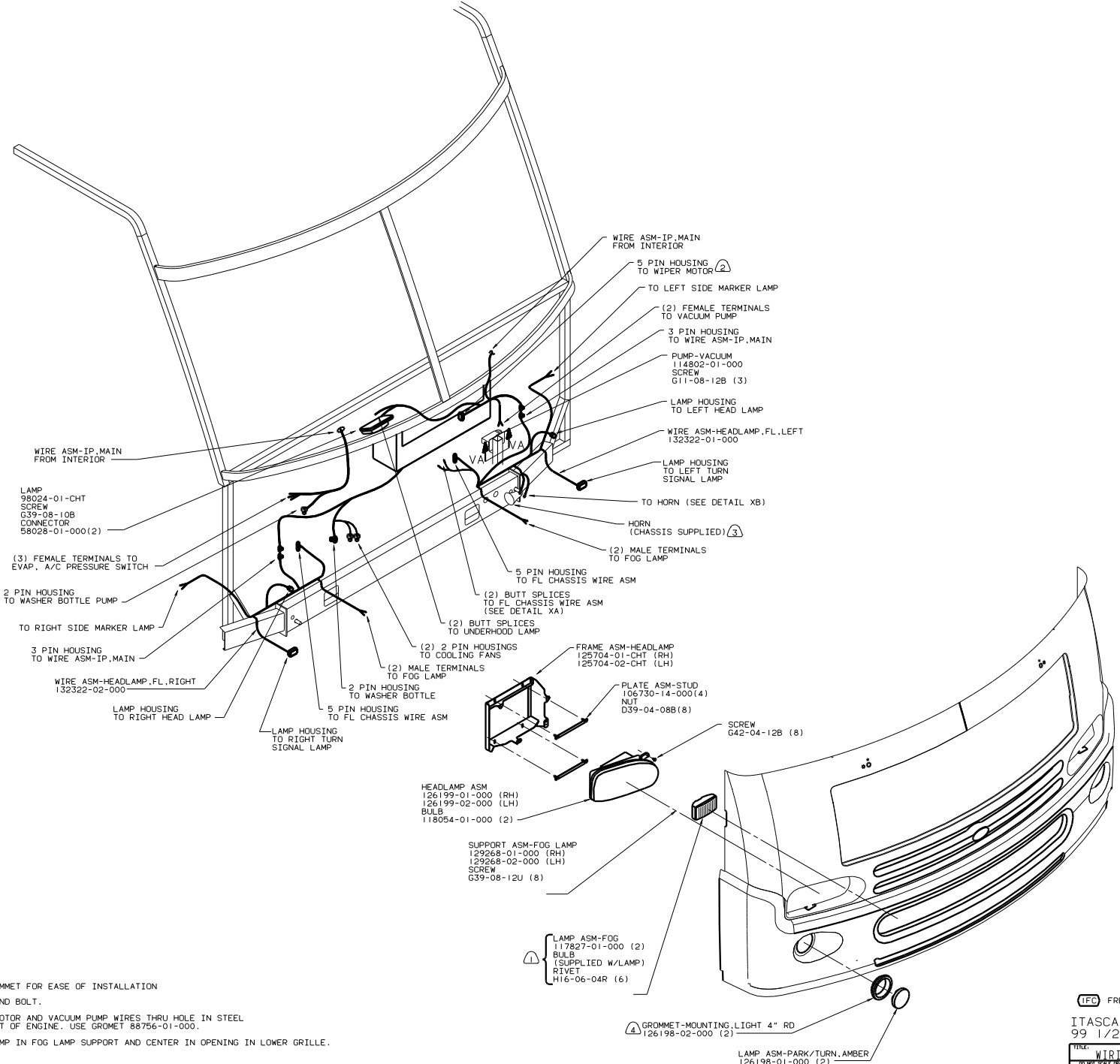
- (1CO) CHEVY CHASSIS GAS
  - (16M) FORD CHASSIS 20,500#/V10 ENG
  - (1FC) FREIGHTLINER CHASSIS-24,850#
  - (1CV) CHEVY CHASSIS 21,000 LB. GVWR
- 99 L-SERIES ONLY

TITLE	WIRING INSTL-FRONT END
DATE	129049
REV	1.0
SHEET	20 OF 22



- NOTES:
- (2) ROUTE WIPER MOTOR AND VACUUM PUMP WIRES THRU HOLE IN STEEL ABOVE AND LEFT OF ENGINE. USE GROMET 88756-01.
  - (1) MOUNT ON GROUND BOLT.

IFC FREIGHTLINER CHASSIS-24, 850W  
 WINNEBAGO  
 99 1/2 L-SERIES ONLY  
 TITLE: WIRING INSTL-FRONT END  
 SHEET 21 OF 22



- ④ LUBRICATE GROMMET FOR EASE OF INSTALLATION
- ③ MOUNT ON GROUND BOLT.
- ② ROUTE WIPER MOTOR AND VACUUM PUMP WIRES THRU HOLE IN STEEL ABOVE AND LEFT OF ENGINE. USE GROMMET 88756-01-000.
- ① SECURE FOG LAMP IN FOG LAMP SUPPORT AND CENTER IN OPENING IN LOWER GRILLE.