
93 VEHICLE WIRING SCHEMATICS

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93.1 VEHICLE INTERFACE HARNESS

The following wire schematics support the vehicle interface harness; see Figure 93-1.

LABEL	WIRE NO	CAVITY	COLOR	
COOLANT LEVEL	115	H-3	ORN	
LIMITING SPEED GOVERNOR	417	D-2	DK BLUE	
CHECK ENGINE LIGHT	419	B-1	PPL/WHT	
IGNITION	439	B-3	PNK	
DIGITAL INPUT E-1	451	E-1	LT GRN	
DIGITAL OUTPUT F-3	499	F-3	LT BLU	
TACHOMETER DRIVE	505	K-1	GRA	
STOP ENGINE LIGHT	509	B-2	PPL	
VARIABLE SPEED GOVERNOR	510	D-1	BRN	
DIGITAL INPUT H-1	523	H-1	GRA/RED	
DIGITAL INPUT H-2	524	H-2	GRA	
DIGITAL INPUT G-1	528	G-1	BRN/RED	
DIGITAL INPUT J-2	531	J-2	ORN	
DIGITAL INPUT J-1	541	J-1	YEL/RED	
DIGITAL INPUT F-1	542	F-1	YEL	
DIGITAL INPUT G-2	543	G-2	ORN/BLK	
DIGITAL INPUT F-2	544	F-2	BRN/WHT	
DIGITAL INPUT G-3	545	G-3	LT BLUE/YEL	
DIGITAL OUTPUT A-2	555	A-2	TAN	
VEHICLE SPEED (+)	556	E-2	LT BLUE/BLK	
VEHICLE SPEED (-)	557	E-3	LT BLUE/ORN	
DIGITAL INPUT K-2	583	K-2	LT BLUE/BLK	
ANALOG INPUT #7	749	D-3	YEL	
DATA LINK (+)	900	C-2	DK GREEN/YEL	
DATA LINK (-)	901	C-1	DK GREEN	
PWM #1 OUTPUT	908	J-3	WHT	
SENSOR SUPPLY (5VDC)	916	A-3	RED/BLK	
SENSOR RETURN	952	C-3	BLK	
DIGITAL INPUT K-3	979	K-3	WHT	
DIGITAL OUTPUT A-1	988	A-1	GRA	
IGNITION CONNECTOR				
+12 V FROM BATTERY	440	A	ORN	
BATTERY GROUND	953	B	BLK/WHT	24605

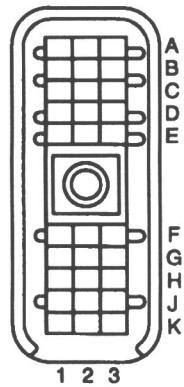
GO TO
A

For "Go To A", see Figure 93-2.

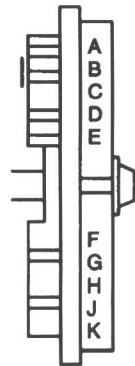
Figure 93-1 Vehicle Interface Harness (Sheet 1-9)

A

VEHICLE INTERFACE HARNESS CONNECTOR



ALL UNUSED
CAVITIES
REQUIRE PLUGS
(DDC P/N 12034413)



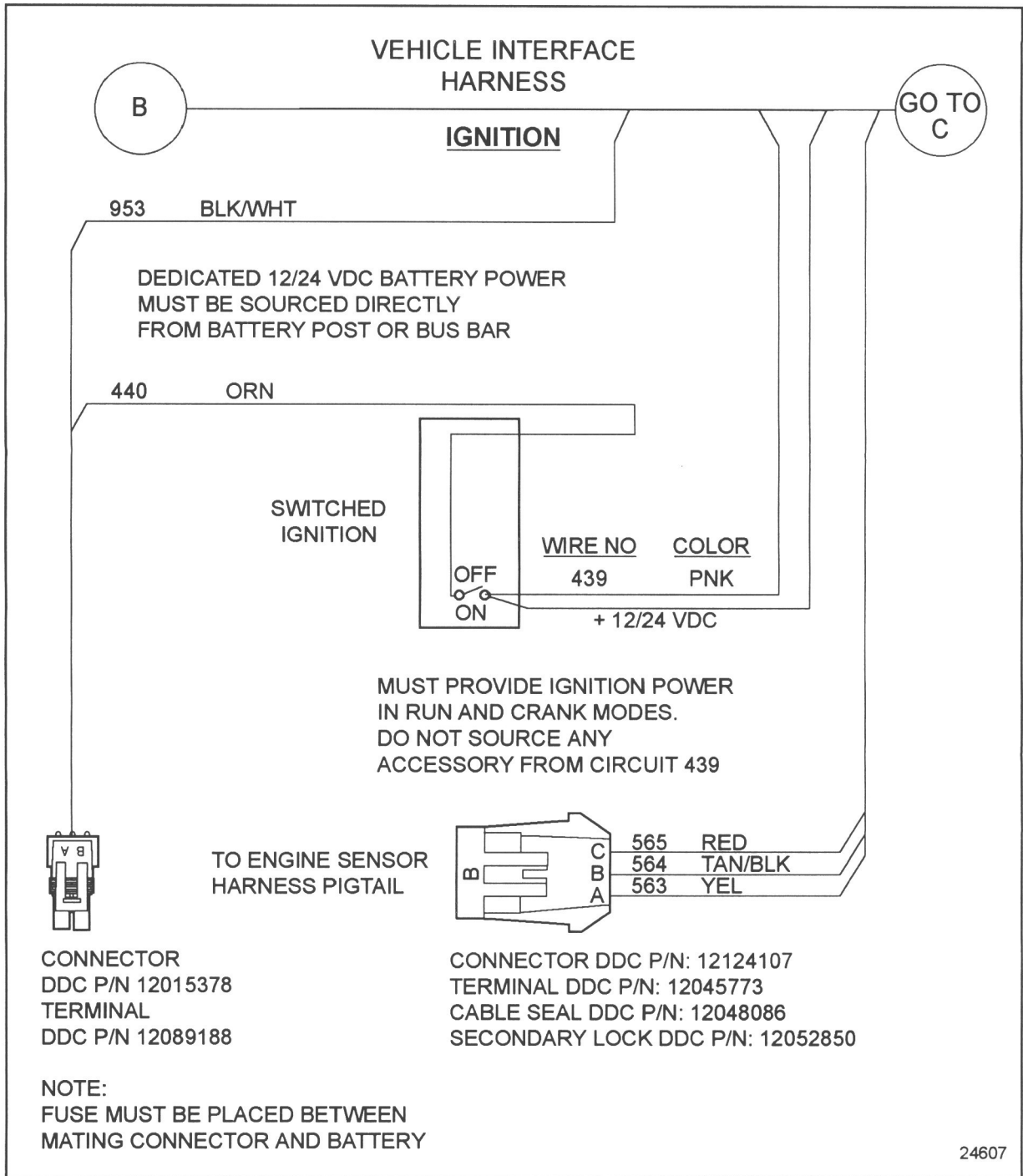
30 WAY CONNECTOR
DDC P/N 12034398
TERMINAL
DDC P/N 12103881

GO TO
B

24606

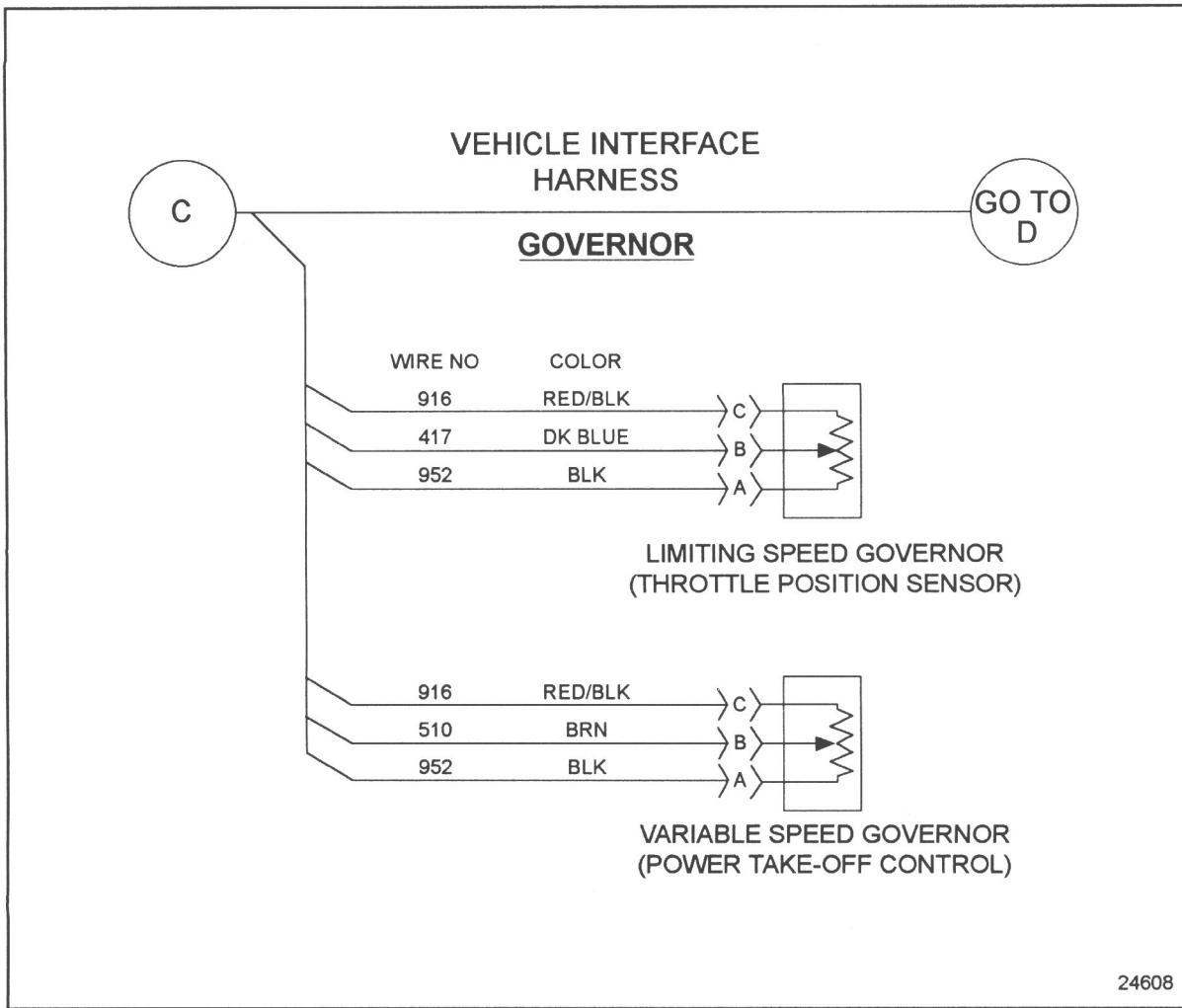
For "Go To B", see Figure 93-3.

Figure 93-2 Vehicle Interface Harness (Sheet 2-9)



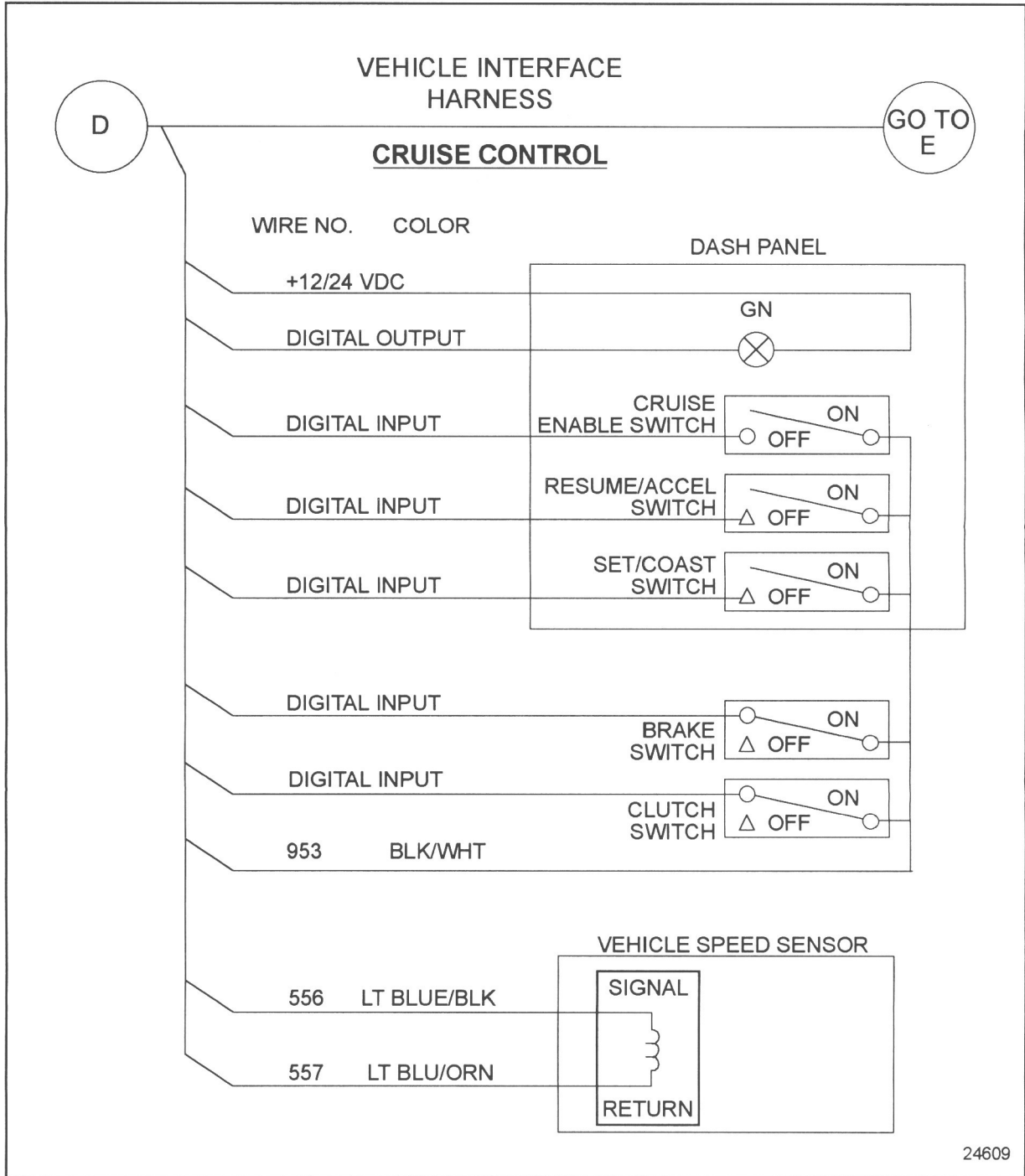
For "Go To C", see Figure 93-4.

Figure 93-3 Vehicle Interface Harness (Sheet 3-9)



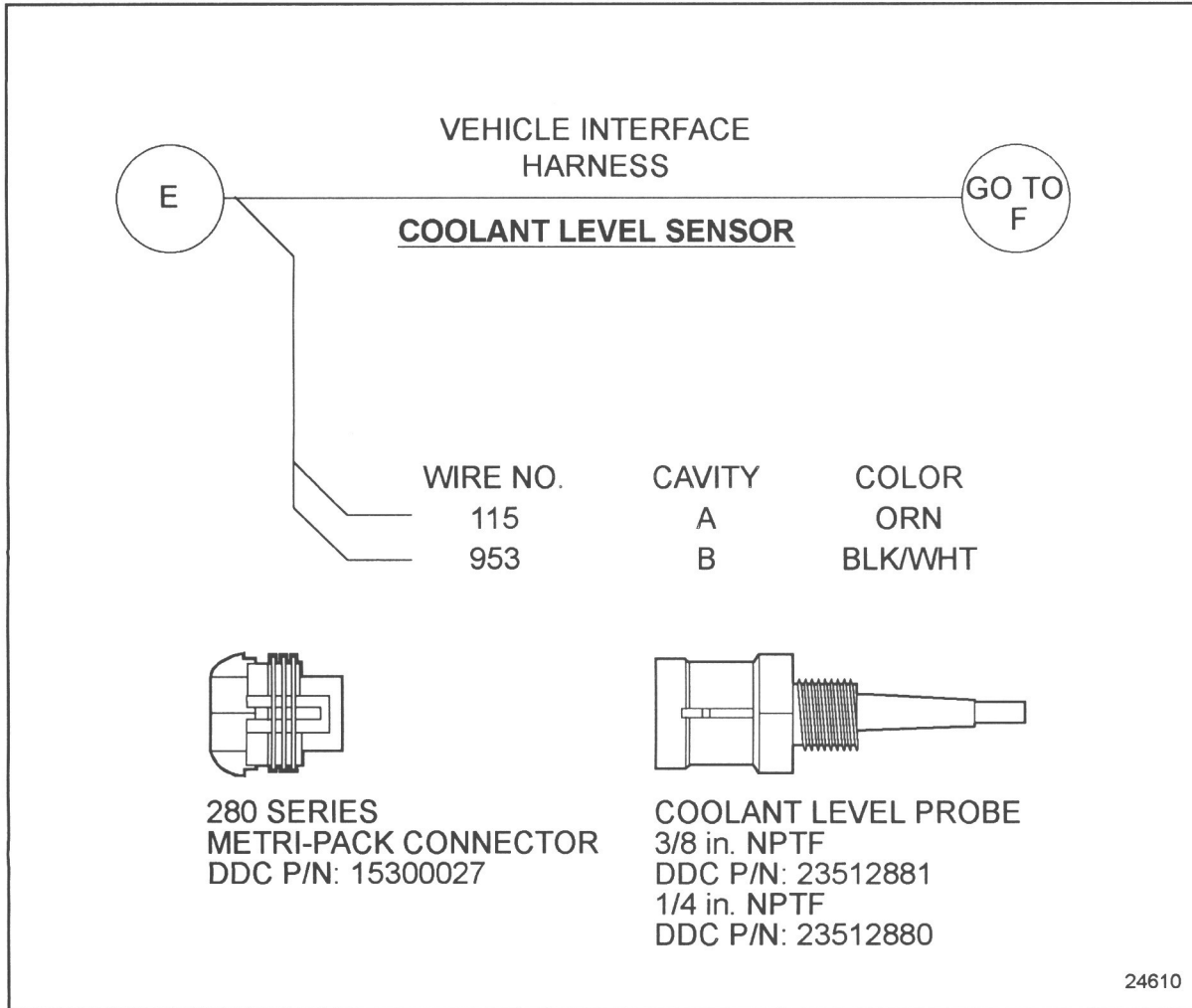
For "Go To D", see Figure 93-5.

Figure 93-4 Vehicle Interface Harness (Sheet 4-9)



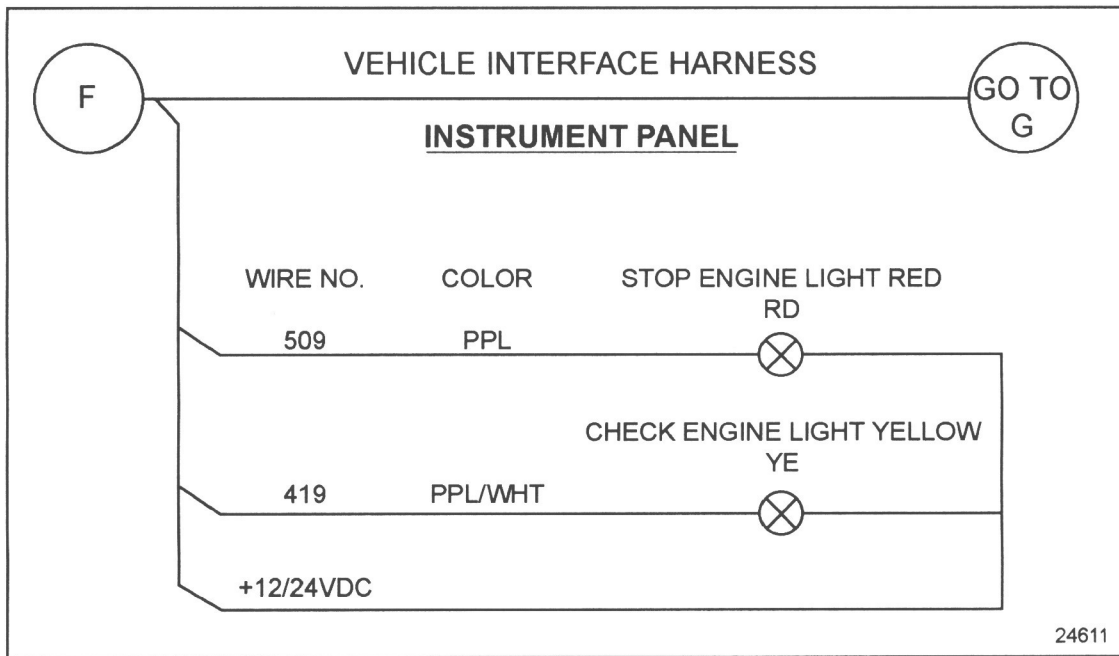
For "Go To E", see Figure 93-6.

Figure 93-5 Vehicle Interface Harness (Sheet 5-9)



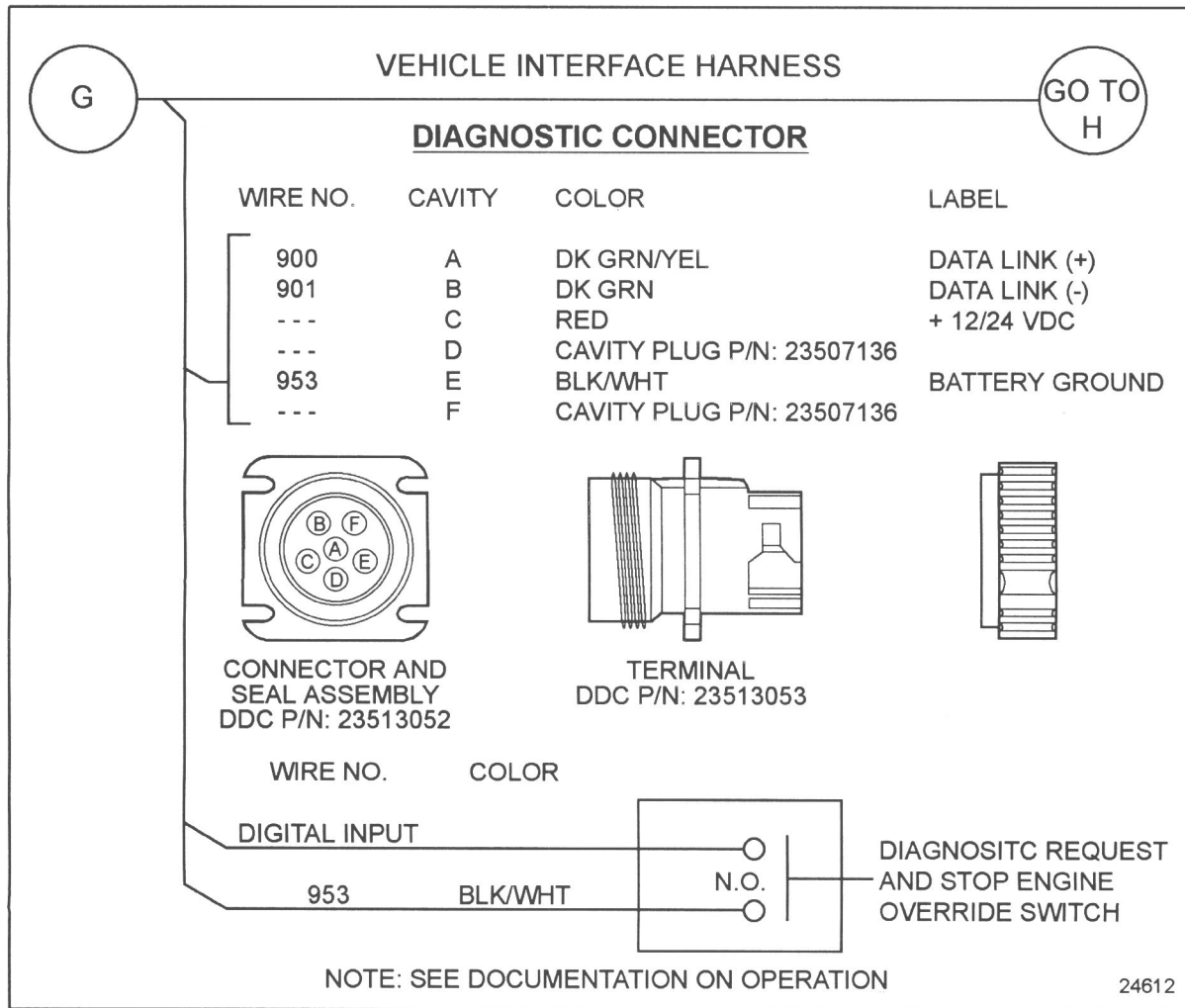
For "Go To F", see Figure 93-7.

Figure 93-6 Vehicle Interface Harness (Sheet 6-9)



For "Go To G", see Figure 93-8.

Figure 93-7 Vehicle Interface Harness (Sheet 7-9)



For "Go To H", see Figure 93-9.

Figure 93-8 Vehicle Interface Harness (Sheet 8-9)

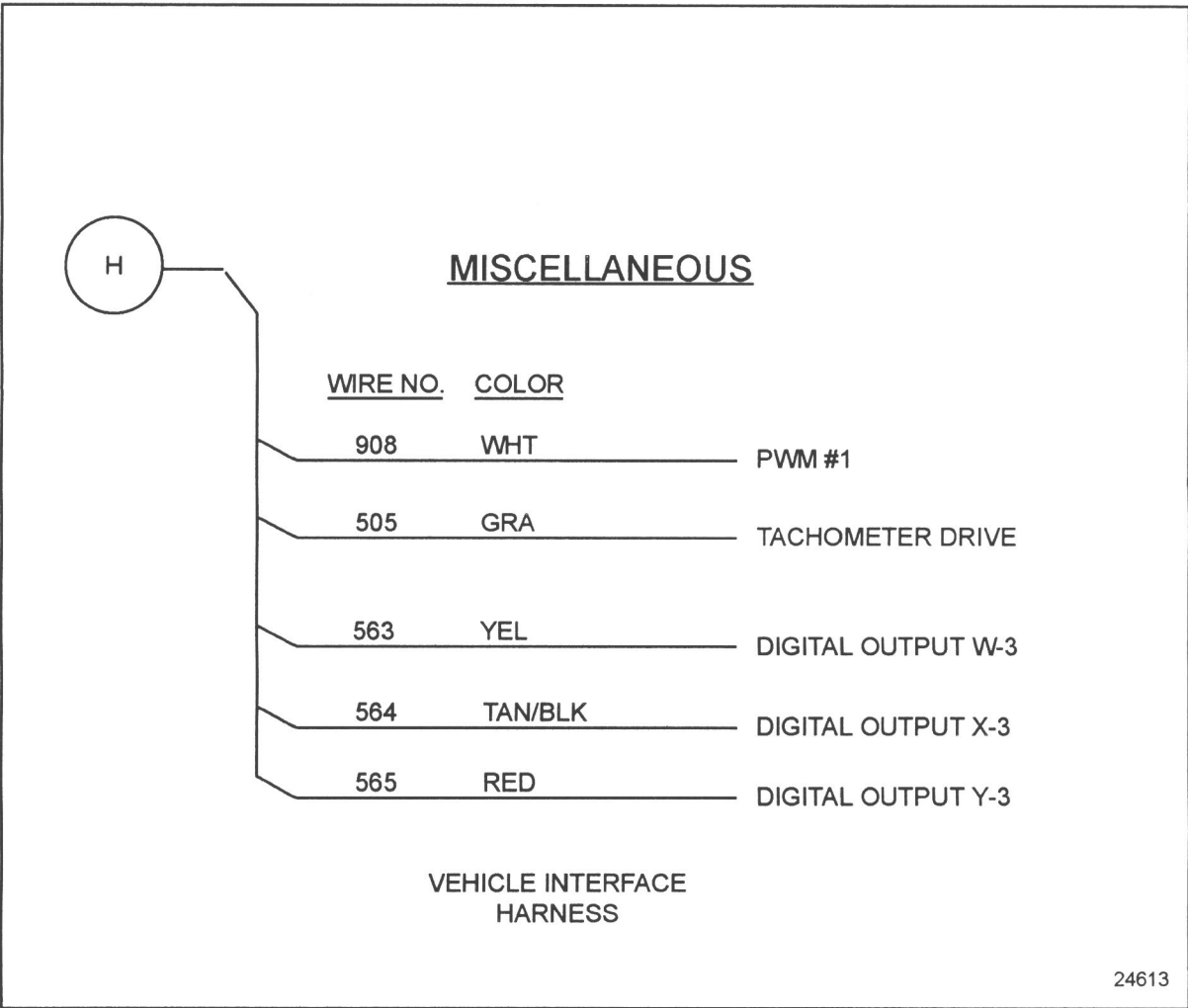
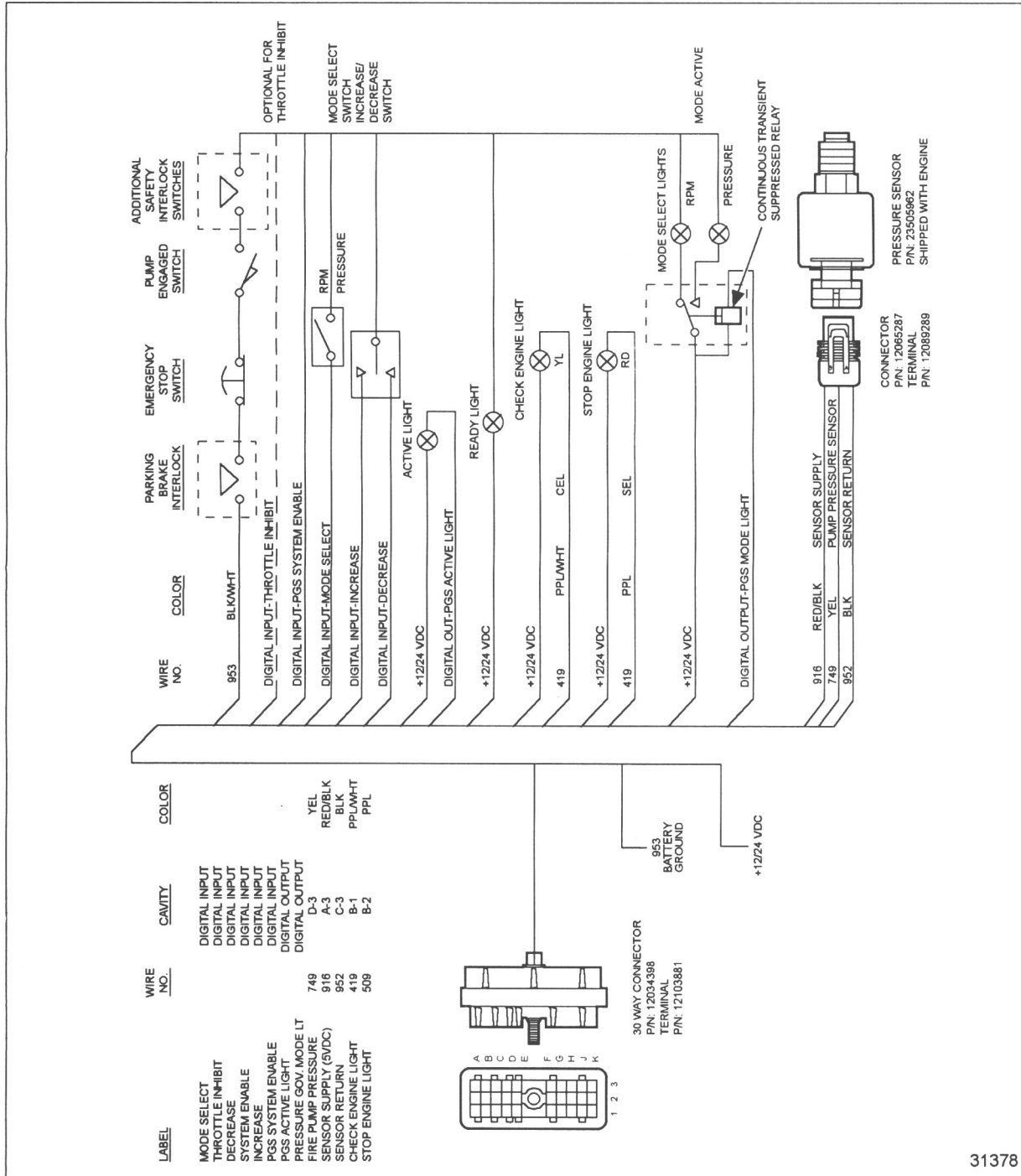


Figure 93-9 Vehicle Interface Harness (Sheet 9-9)

93.2 PRESSURE GOVERNOR SYSTEM – VEHICLE INTERFACE HARNESS CONNECTOR

The following wire schematics support the Pressure Governor System (PGS) vehicle interface harness connector; see Figure 93-10.

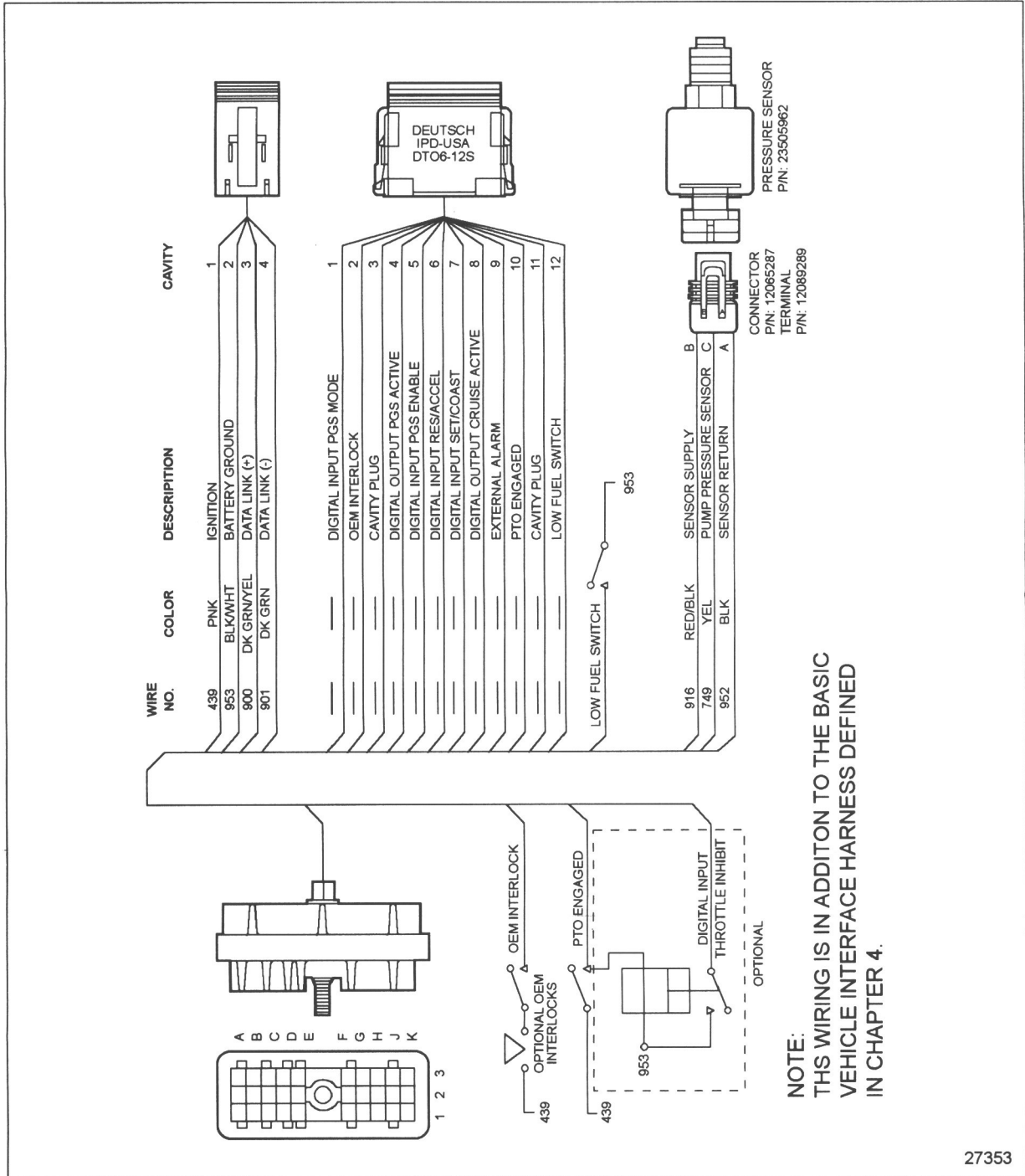


31378

Figure 93-10 Pressure Governor System Vehicle Interface Harness Connector

93.3 ELECTRONIC FIRE COMMANDER HARNESS

The following wire schematics support the electronic fire commander harness; see Figure 93-11.



27353

Figure 93-11 Electronic Fire Commander Harness

93.4 POWER HARNESS – SINGLE ECM, SINGLE FUSE

The following wire schematics support the vehicle interface harness; see Figure 93–12.

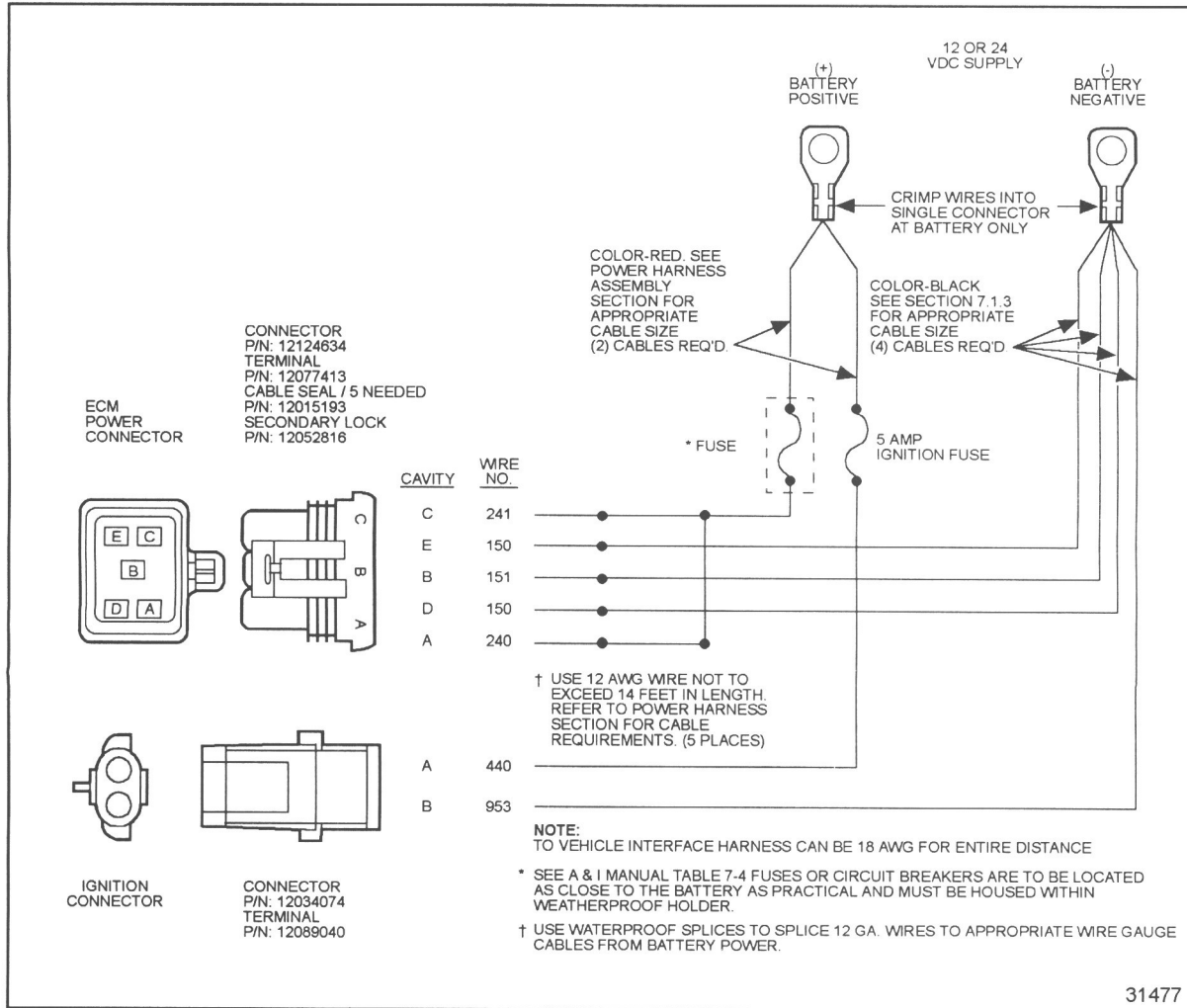


Figure 93–12 Power Harness – Single ECM, Single Fuse

93.5 POWER HARNESS – SINGLE ECM, DUAL FUSES

The following wire schematics support the vehicle interface harness; see Figure 93-13.

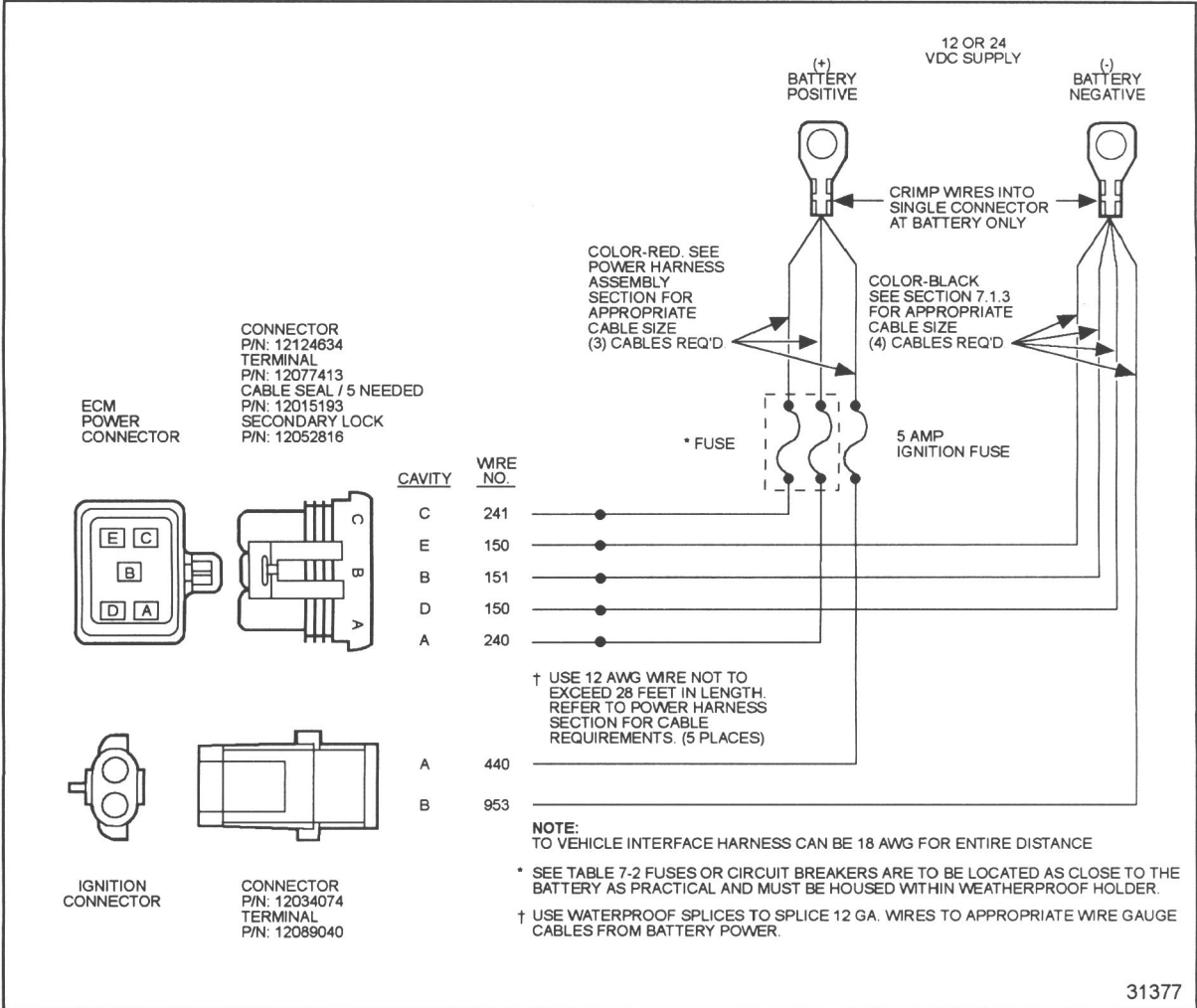


Figure 93-13 Power Harness – Single ECM, Dual Fuses

93.6 DDEC DIGITAL OUTPUT

The following wire schematics support the DDEC digital outputs; see Figure 93-14.

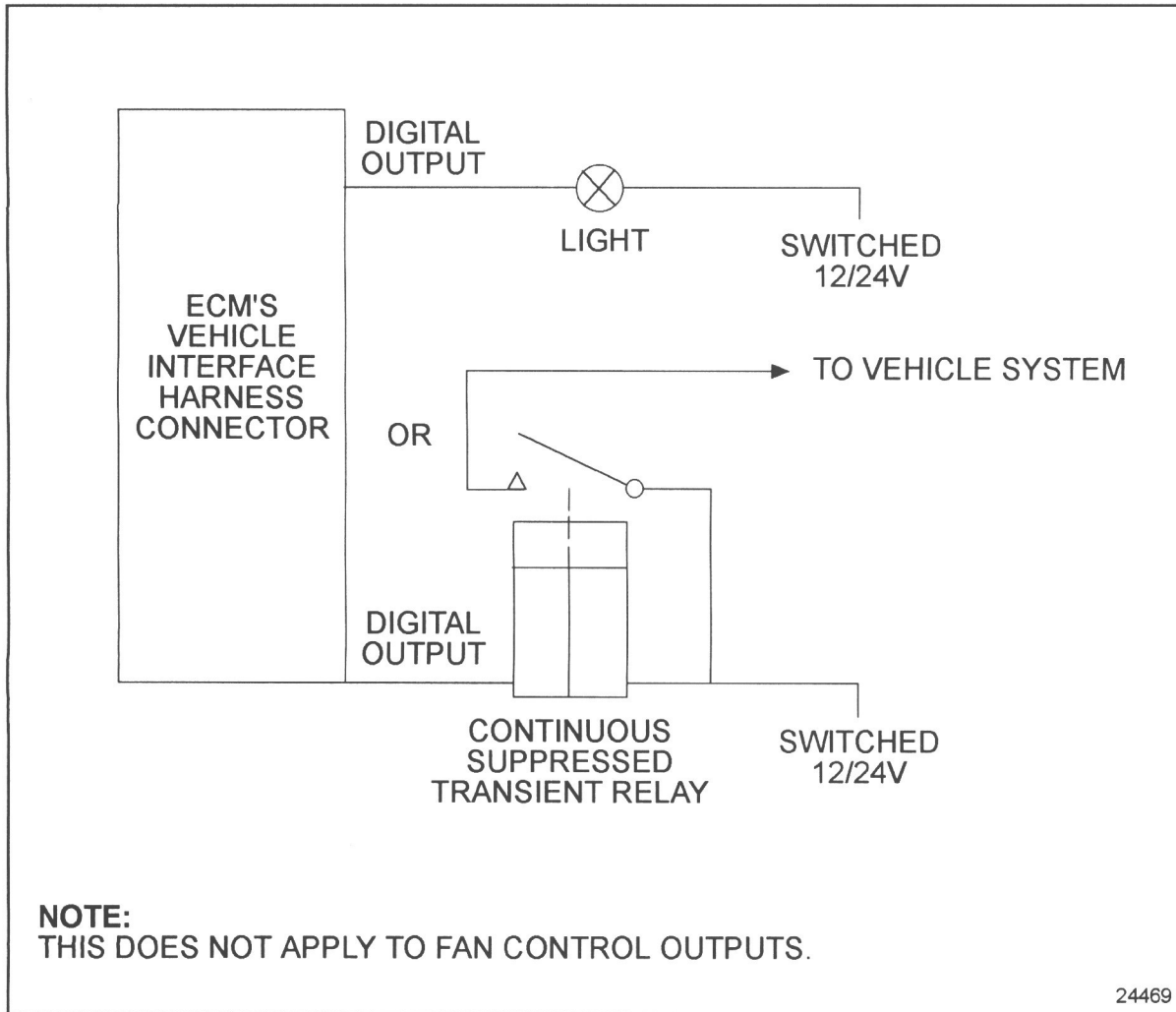


Figure 93-14 DDEC Digital Outputs

93.7 COMMUNICATION HARNESS

The following wire schematics support the communication harness; see Figure 93-15.

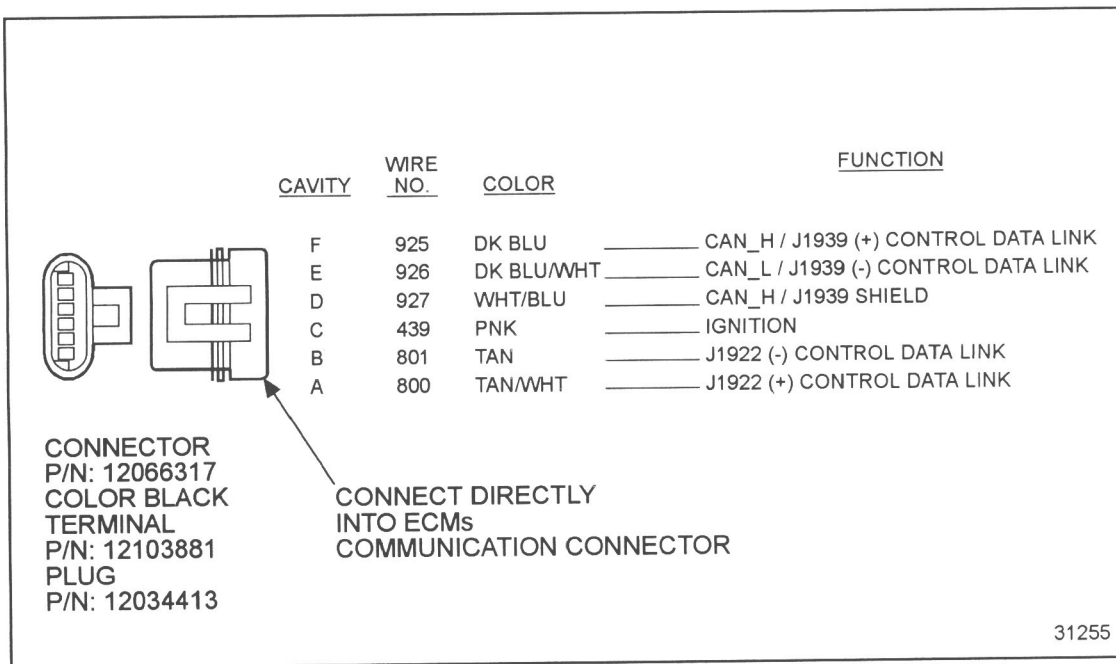


Figure 93-15 **Communication Harness**

