

92 ENGINE WIRING SCHEMATICS

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92.1 INJECTOR HARNESS WIRING SCHEMATIC – SERIES 50 ENGINES WITH JAKE BRAKE

The following wire schematics support the injector harness; see Figure 92-1.

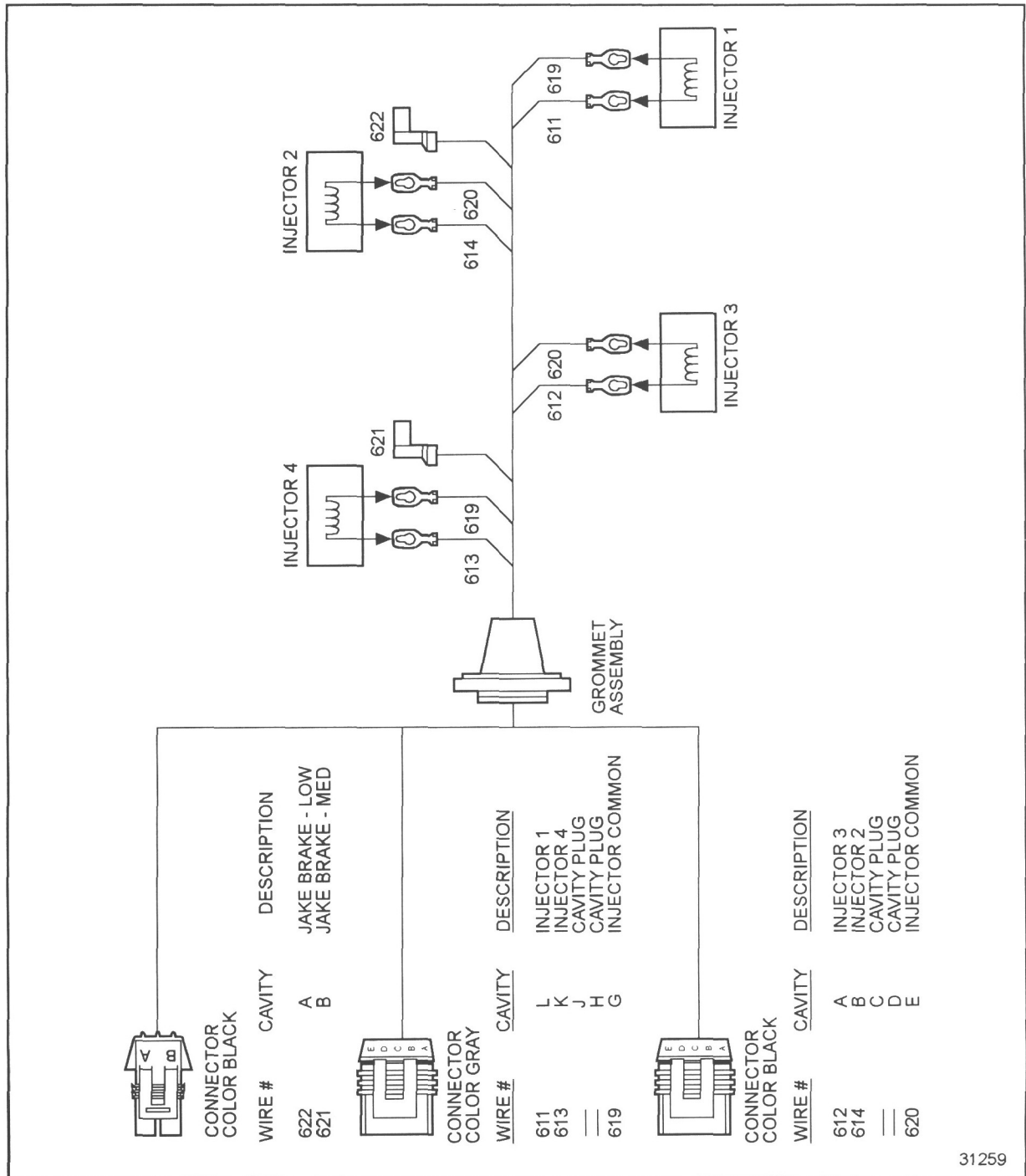
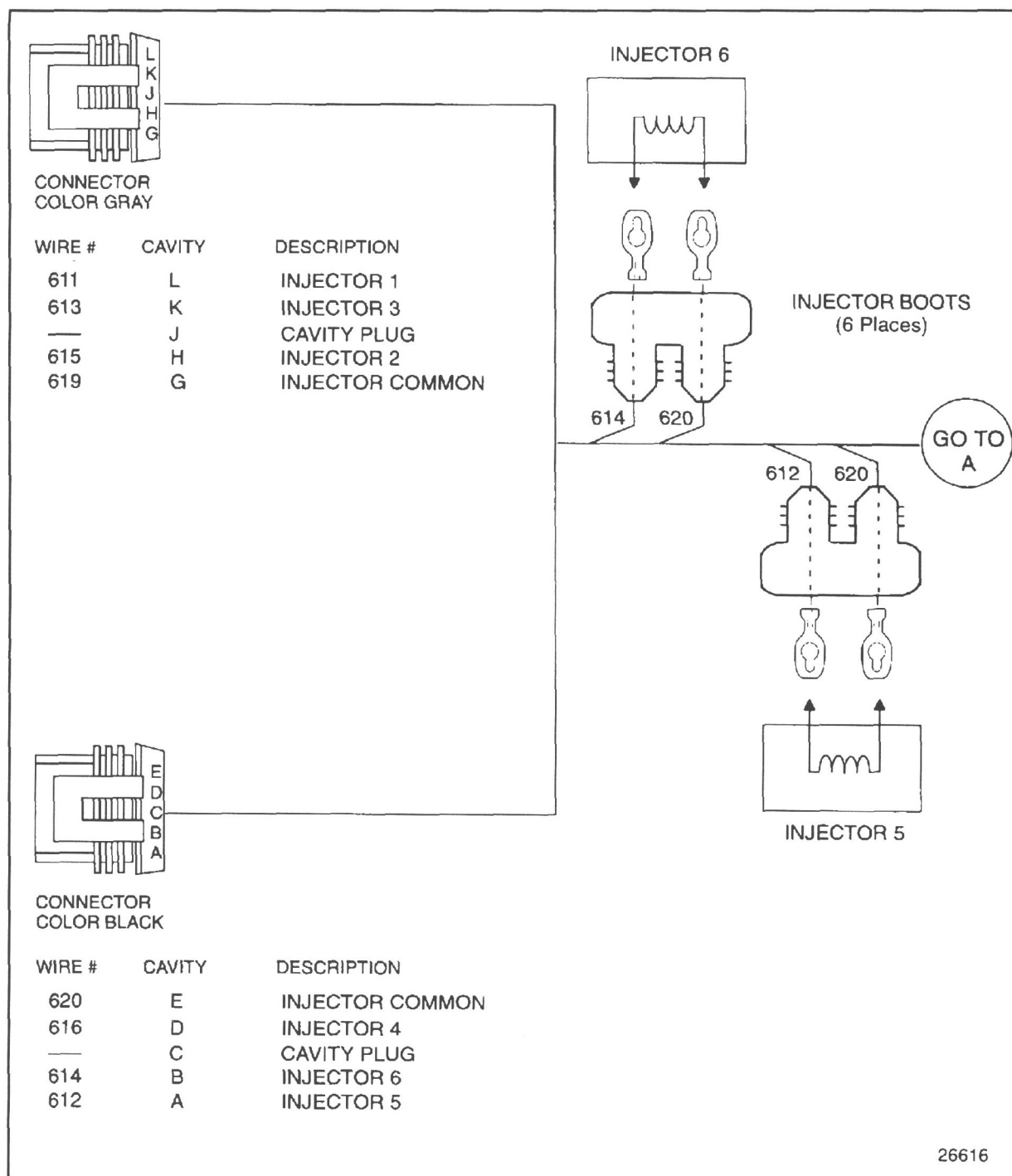


Figure 92-1 Injector Harness – Series 50 Engines With Jake Brake

92.2 INJECTOR HARNESS WIRING SCHEMATIC – SERIES 60 ENGINES

The following wire schematics support the injector harness; see Figure 92-2.



For "Go To A", see Figure 92-3.

Figure 92-2 Injector Harness (Sheet 1-2) (Series 60 Shown)

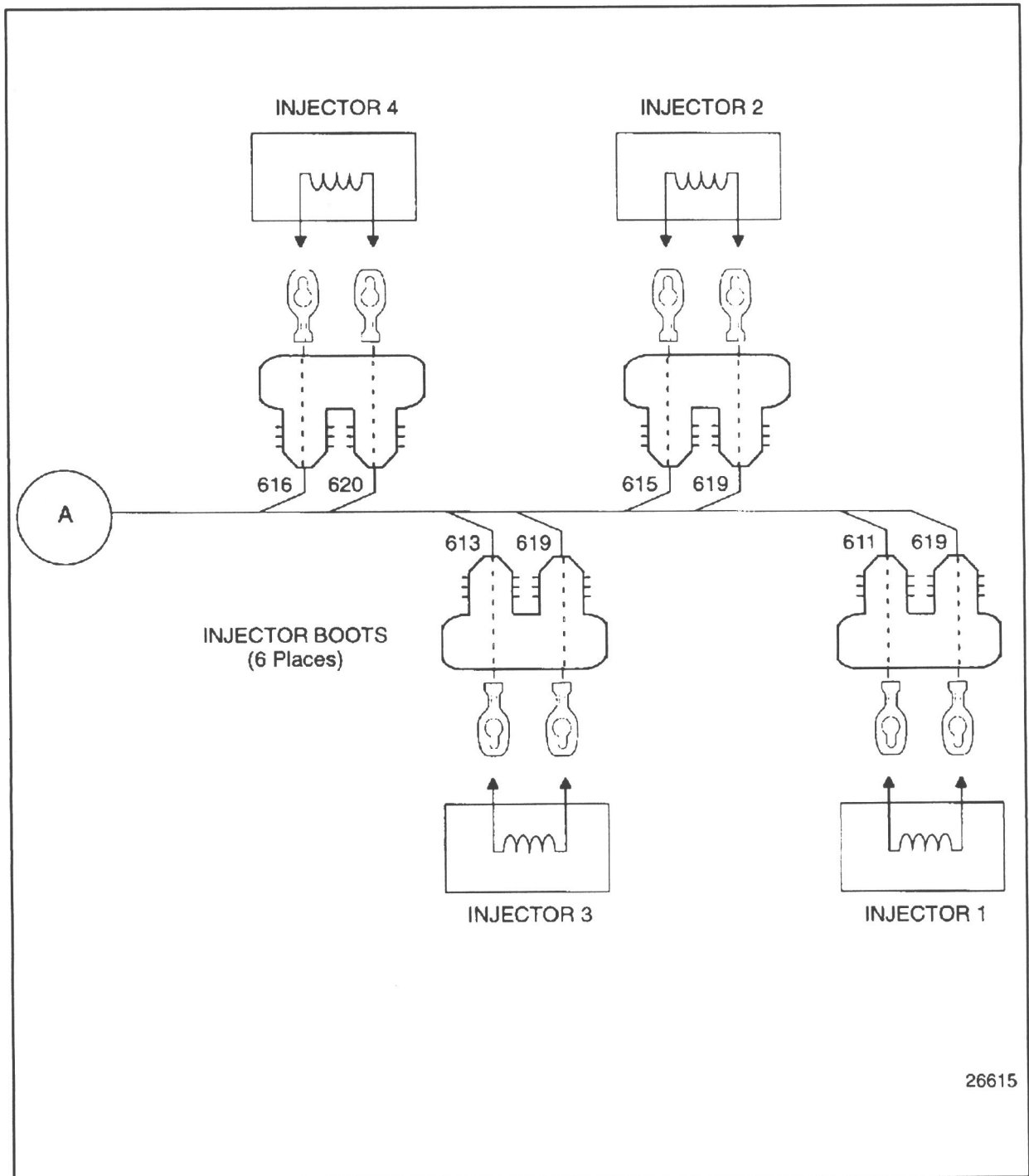


Figure 92-3 Injector Harness (Sheet 2-2)

92.3 INJECTOR HARNESS WIRING SCHEMATIC – SERIES 6V92 ENGINES

The following wire schematics support the injector harness; see Figure 92–4.

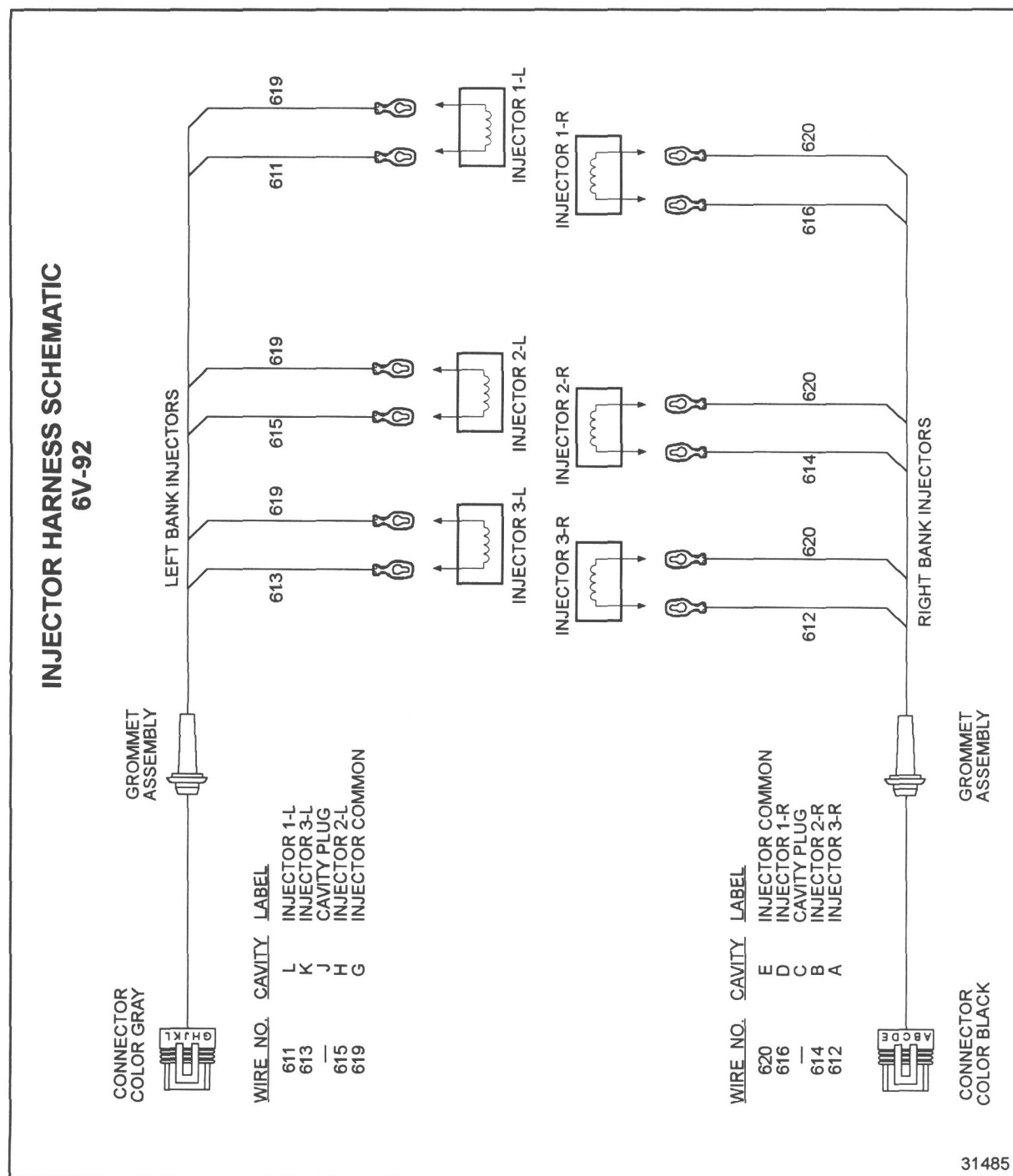


Figure 92–4 Injector Harness – Series 6V92 Engines

92.4 INJECTOR HARNESS WIRING SCHEMATIC – SERIES 8V92 AND 8V149 ENGINES

The following wire schematics support the injector harness; see Figure 92-5.

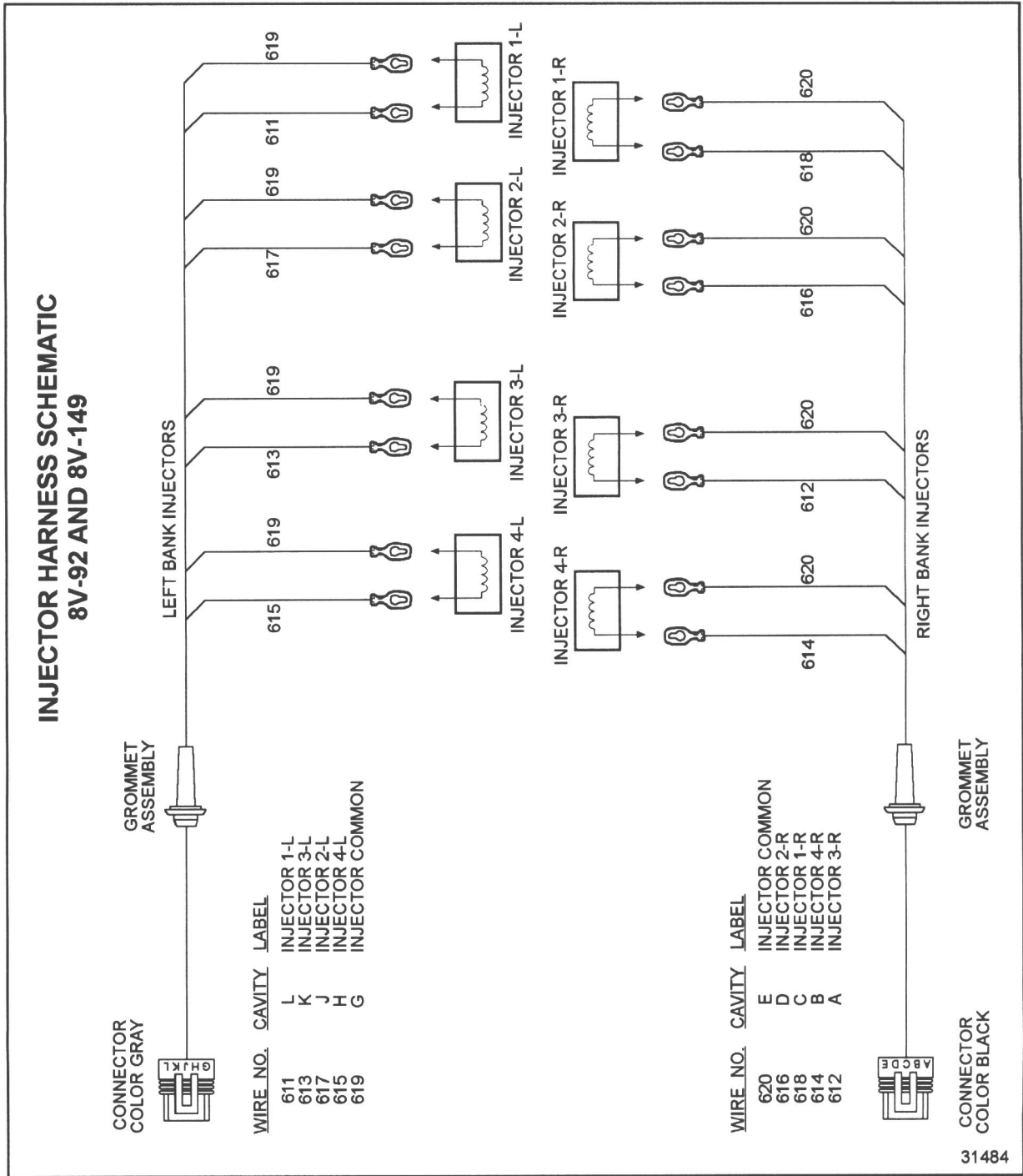
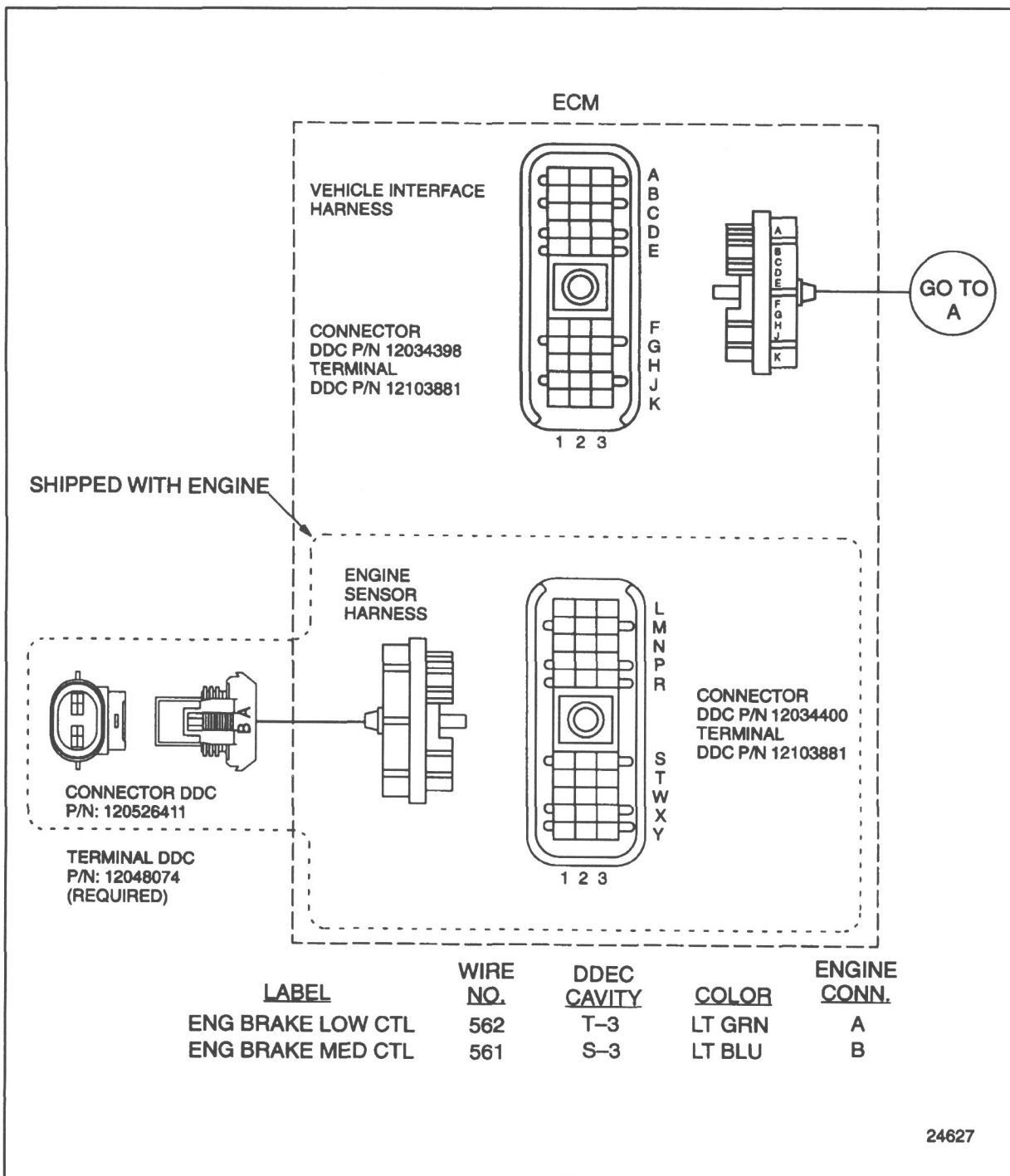


Figure 92-5 Injector Harness – Series 8V92 and 8V149 Engines

92.5 INTERNAL ENGINE BRAKE FOR ECM/WORLD TRANSMISSION INTERFACE

The following wire schematics support the internal engine brake for ECM/WORLD transmission interface; see Figure 92-6.



For "Go To A", see Figure 92-7.

Figure 92-6 Internal Engine Brake ECM/World Transmission Interface (Sheet 1-2)

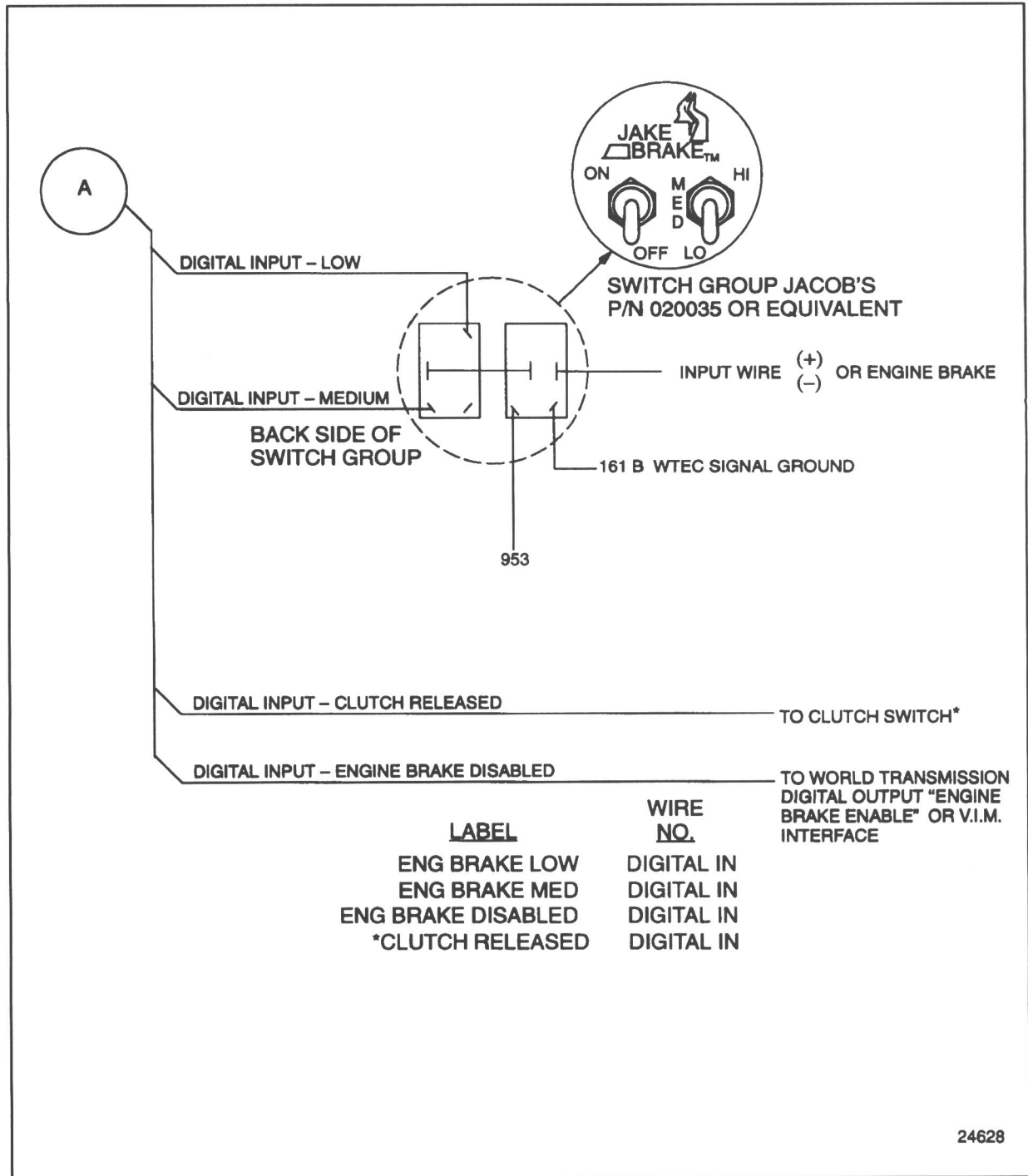
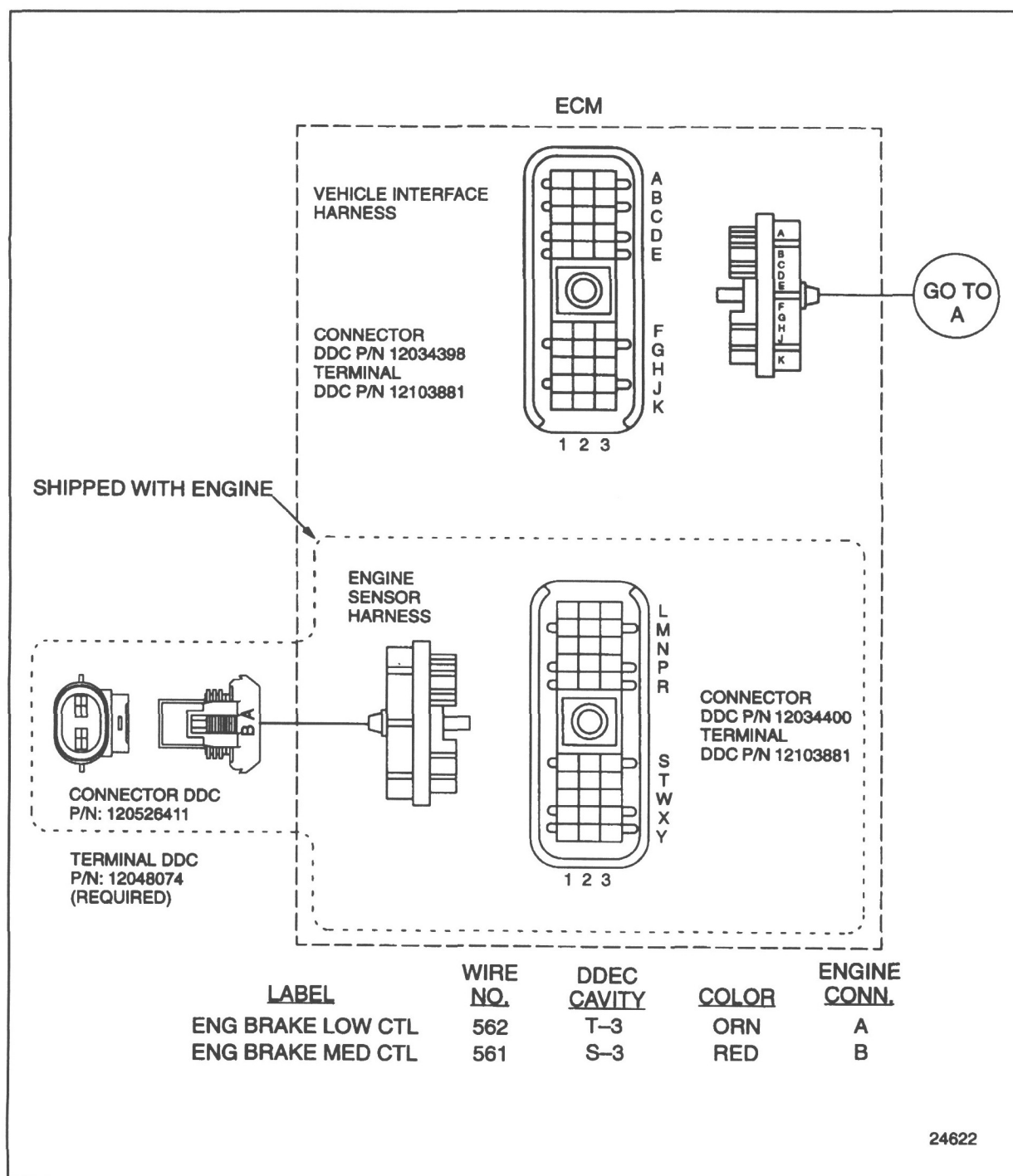


Figure 92-7 Internal Engine Brake ECM/World Transmission Interface (Sheet 2-2)

92.6 INTERNAL ENGINE BRAKE FOR DDEC SYSTEM ECM

The following wire schematics support the internal engine brake; see Figure 92-8.



For "Go To A", see Figure 92-9.

Figure 92-8 Internal Engine Brake (Sheet 1-2)

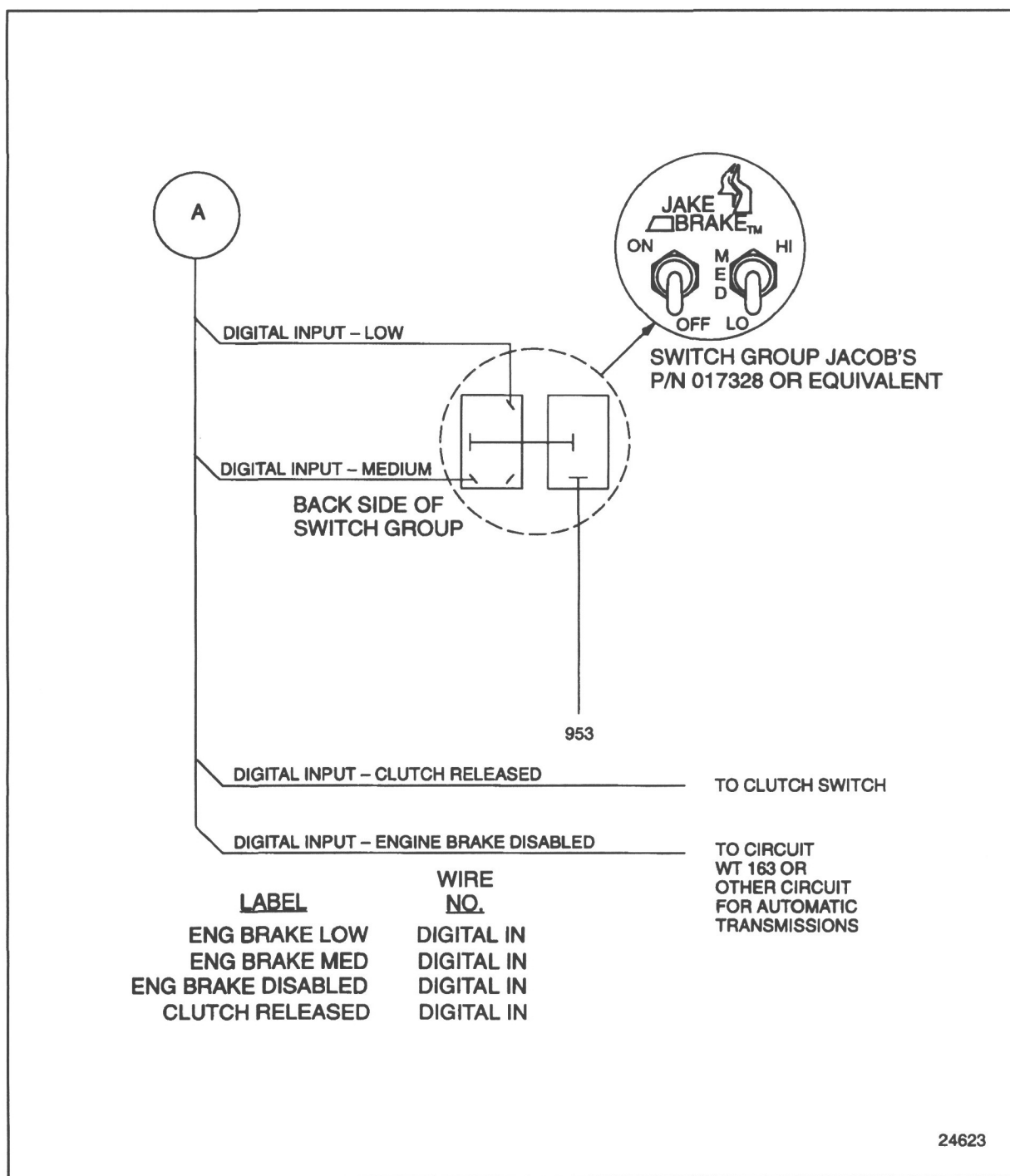


Figure 92-9 Internal Engine Brake (Sheet 2-2)

92.7 ENGINE HARNESS

The following wire schematics support the engine harness; see Figure 92-10.

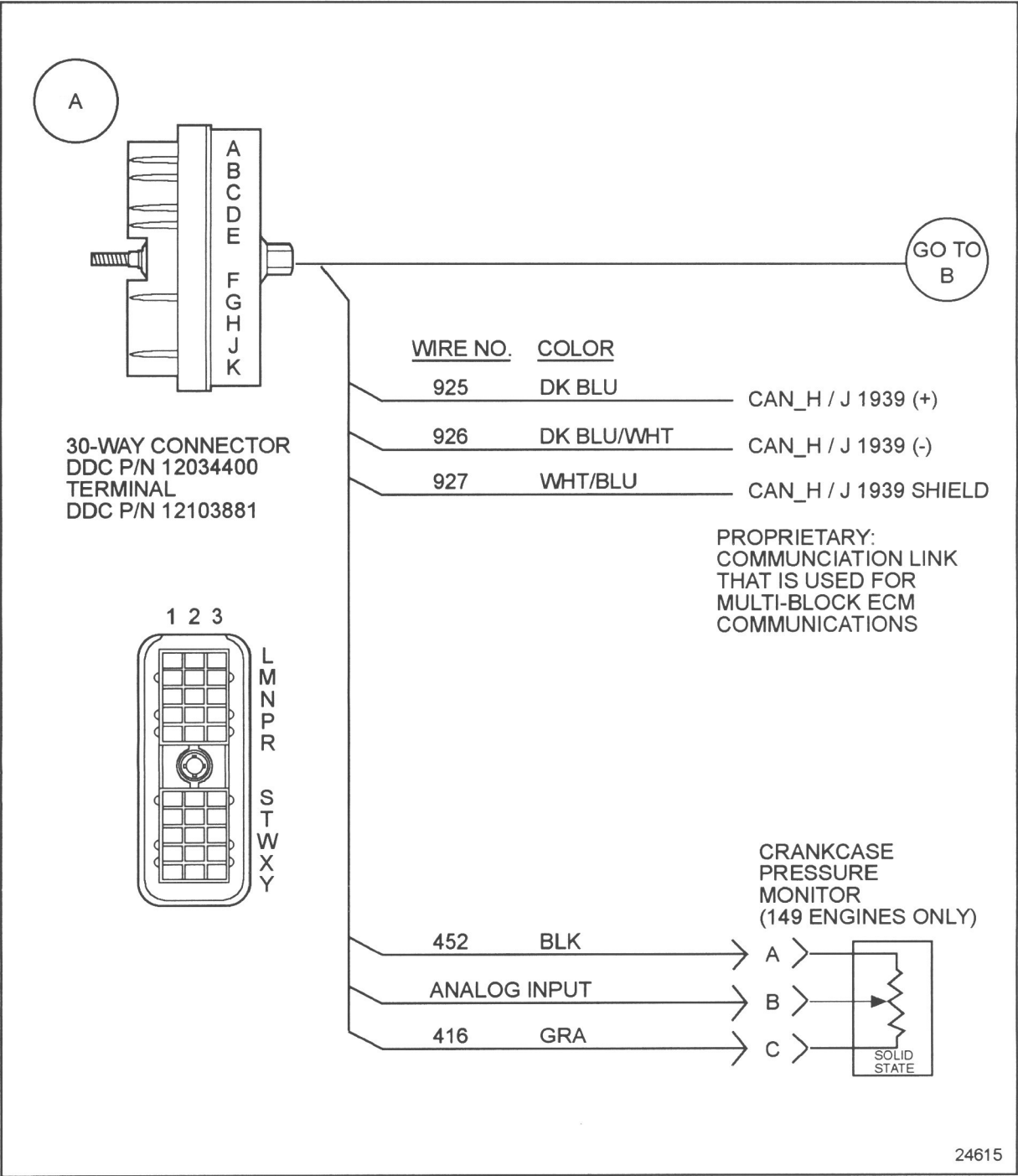
<u>LABEL</u>	<u>WIRE NO</u>	<u>CAVITY</u>	<u>COLOR</u>
TRS (-)	109	T-1	PPL
TRS (+)	110	T-2	DK GRN
SRS (+)	111	S-2	LT BLU
SRS (-)	112	S-1	WHT
OIL TEMPERATURE	120	R-2	TAN
AIR TEMPERATURE	132	N-2	WHT
COOLANT TEMP.	133	P-3	YEL
SENSOR SUPPLY (5VDC)	416	W-1	GRA
TURBO BOOST	432	P-1	LT GRN
SENSOR RETURN (ENGINE)	452	Y-2	BLK
FUEL TEMP.	472	R-3	ORN
OIL PRESSURE	530	P-2	BRN
ENGINE BRAKE MED	561	S-3	RED
ENGINE BRAKE LOW	562	T-3	ORN
DIGITAL OUTPUT W-3	563	W-3	YEL
DIGITAL OUTPUT X-3	564	X-3	TAN/BLK
DIGITAL OUTPUT Y-3	565	Y-3	RED
TIMED INPUT	573	X-1	BRN
BARO. PRESSURE	904	L-1	PPL/WHT
FUEL PRESSURE	905	M-1	YEL
ANALOG INPUT #3	906	N-1	ORN
ANALOG INPUT #6	907	R-1	DK GRN
PWM OUT #2	909	Y-1	LT GRN/YEL
PWM OUT #3	910	W-2	ORN
PWM OUT #4	911	X-2	PNK
J 1939 (+)	925	L-3	DK BLU
J 1939 (-)	926	M-3	DK BLU/WHT
J 1939 SHIELD	927	N-3	WHT/BLU
ANALOG INPUT #5	958	M-2	BLU
ANALOG INPUT #4	976	L-2	DK GRN



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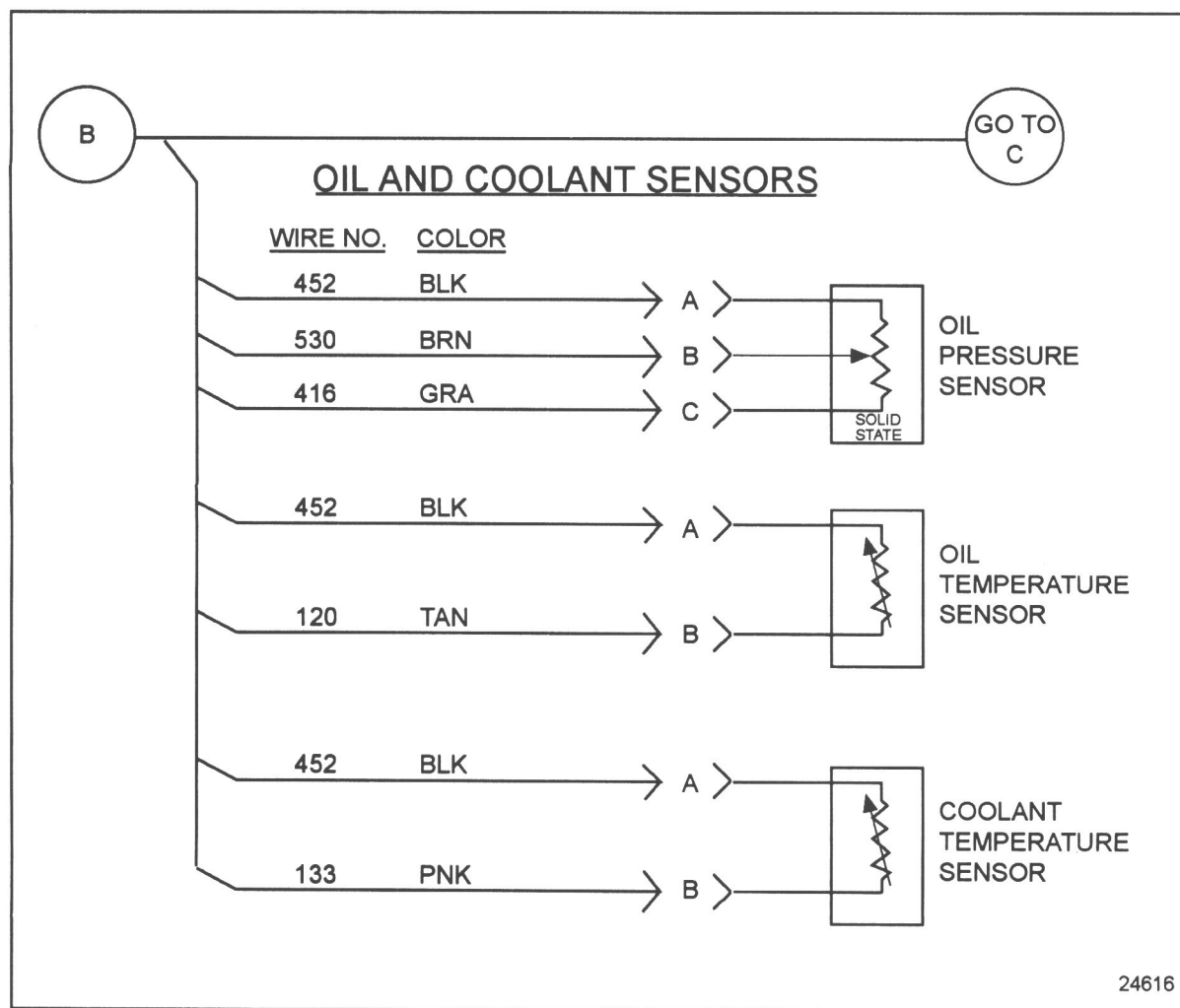
For "Go To A", see Figure 92-11.

Figure 92-10 Engine Harness (Sheet 1-7)



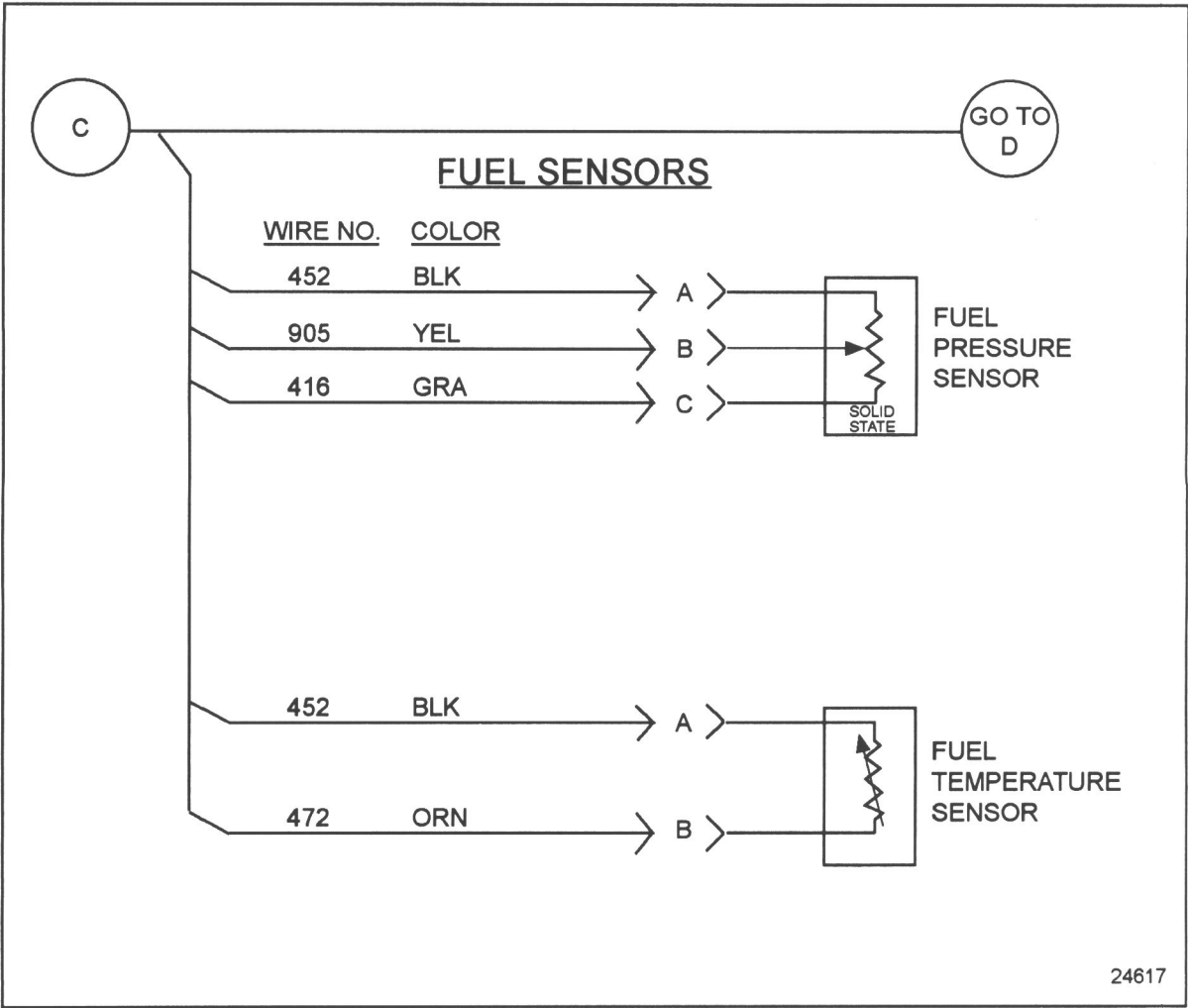
For "Go To B", see Figure 92-12.

Figure 92-11 Engine Harness (Sheet 2-7)



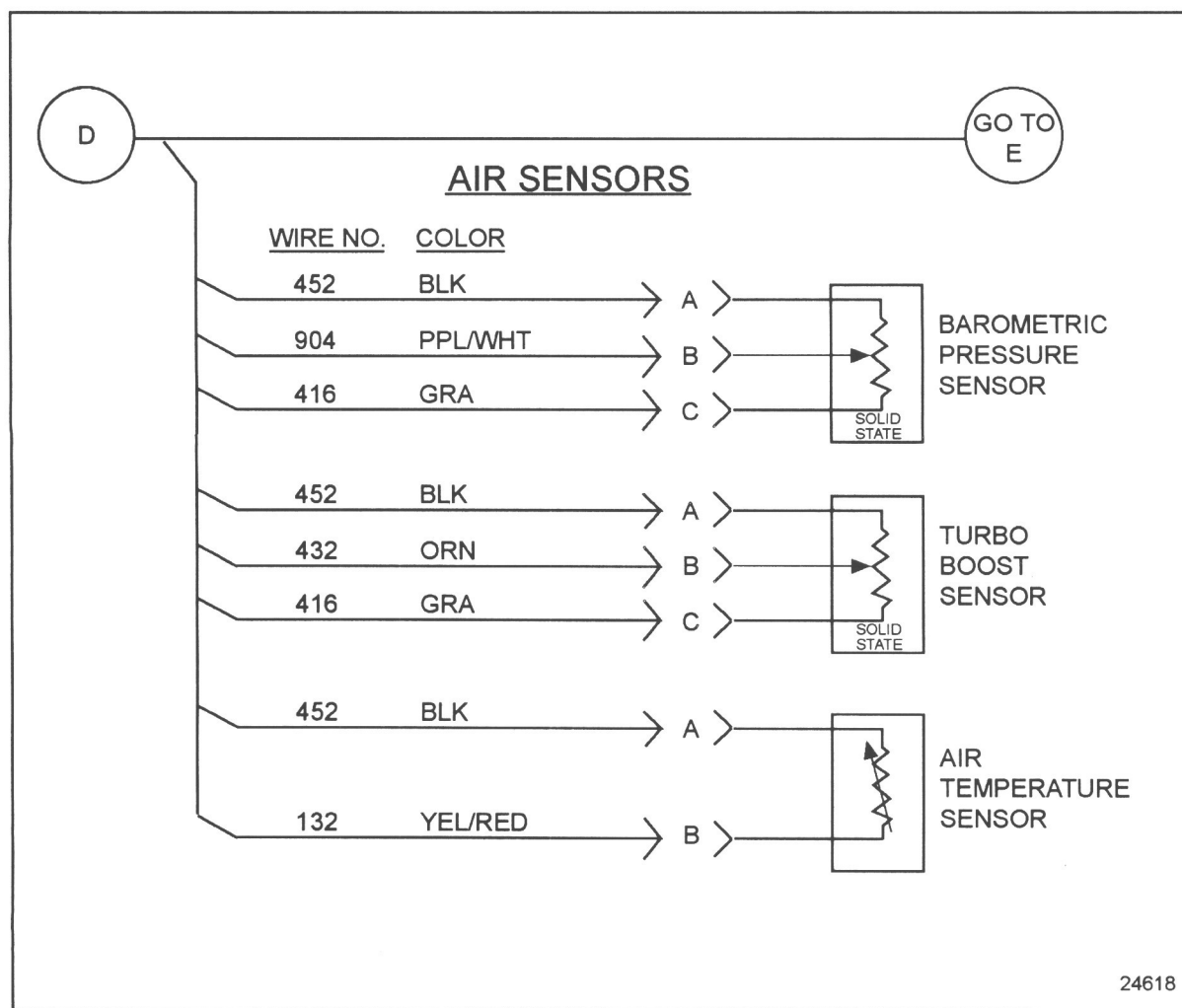
For "Go To C", see Figure 92-13.

Figure 92-12 Engine Harness (Sheet 3-7)



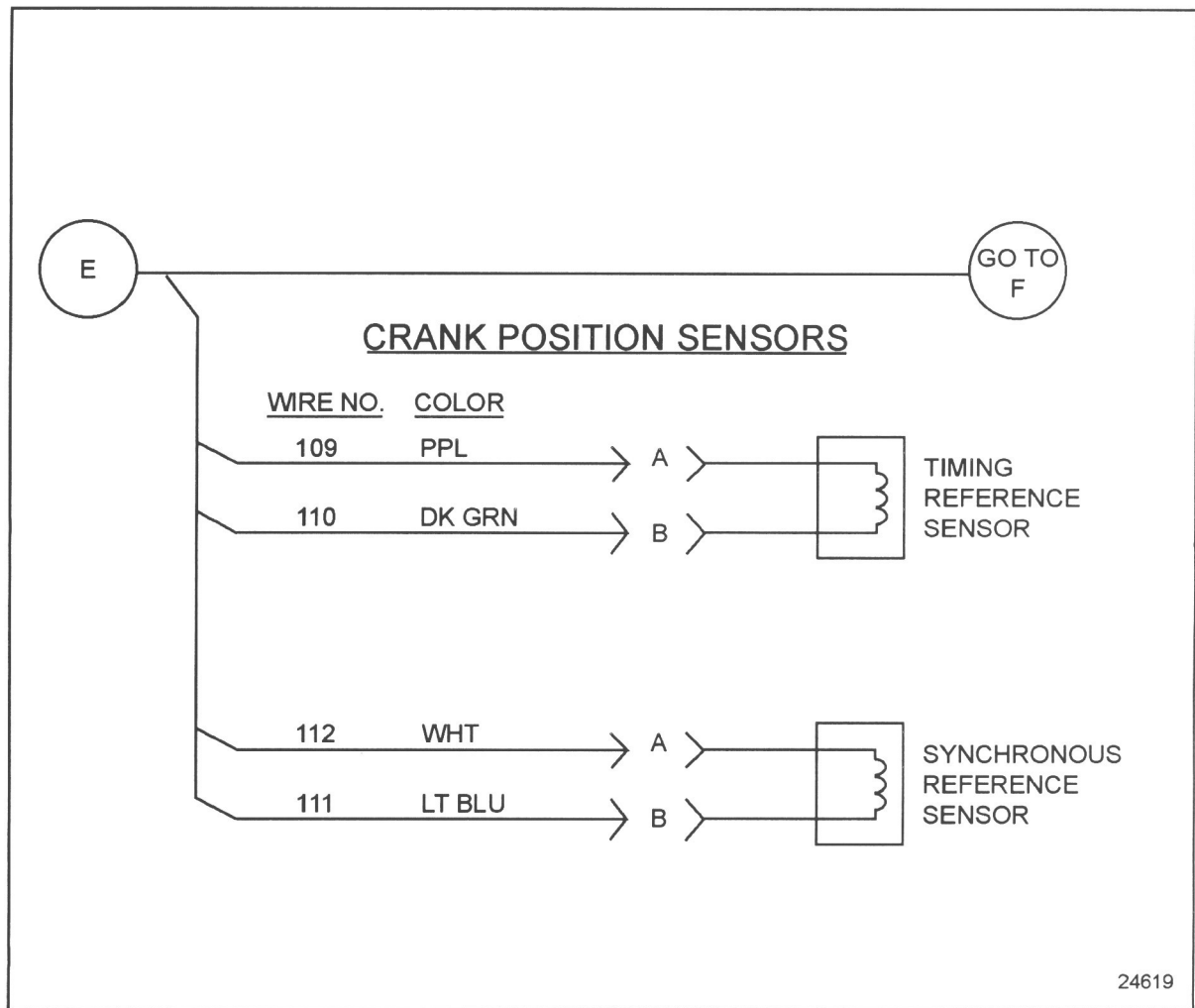
For "Go To D", see Figure 92-14.

Figure 92-13 Engine Harness (Sheet 4-7)



For "Go To E", see Figure 92-15.

Figure 92-14 Engine Harness (Sheet 5-7)



For "Go To F", see Figure 92-16.

Figure 92-15 Engine Harness (Sheet 6-7)

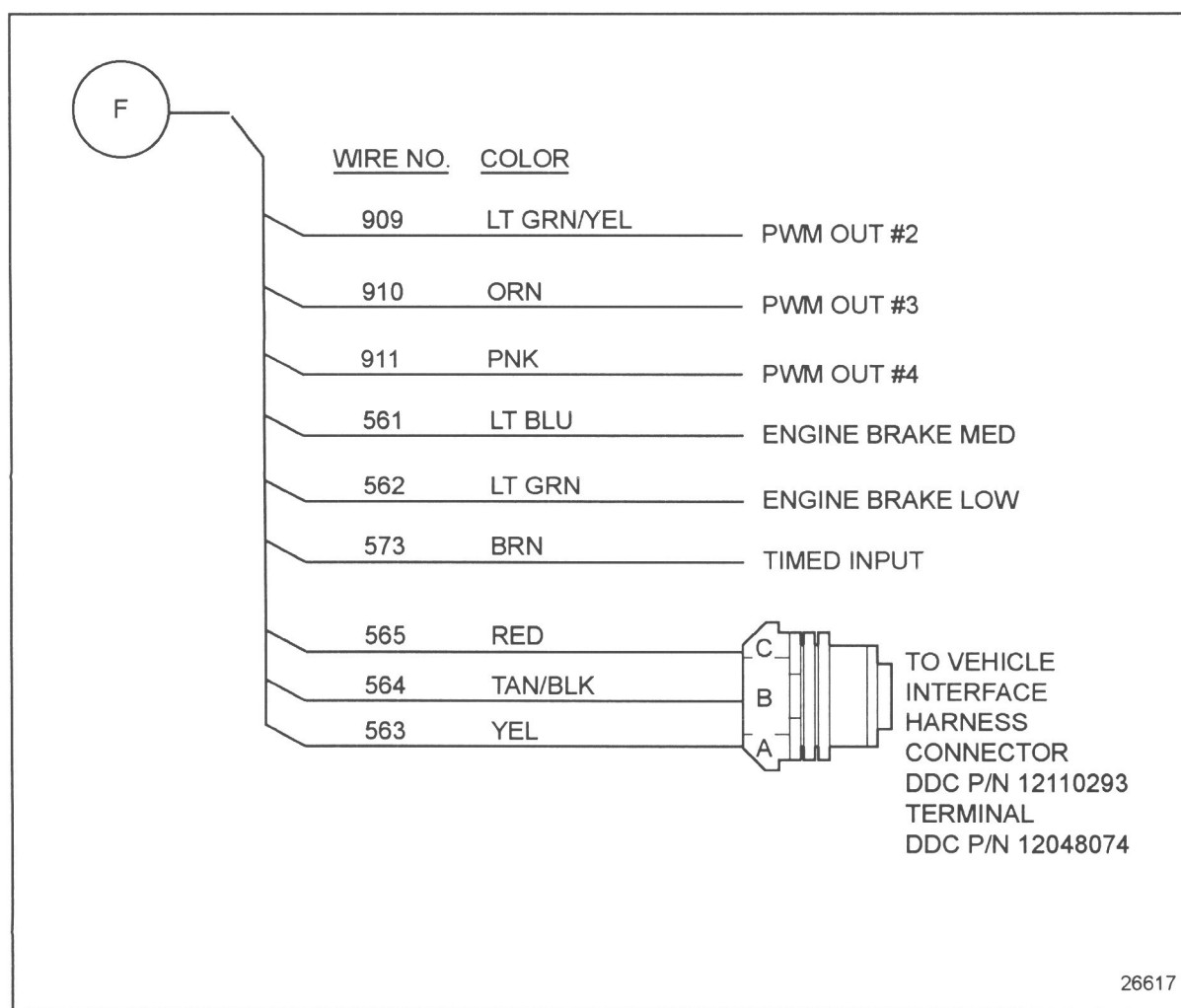


Figure 92-16 Engine Harness (Sheet 7-7)