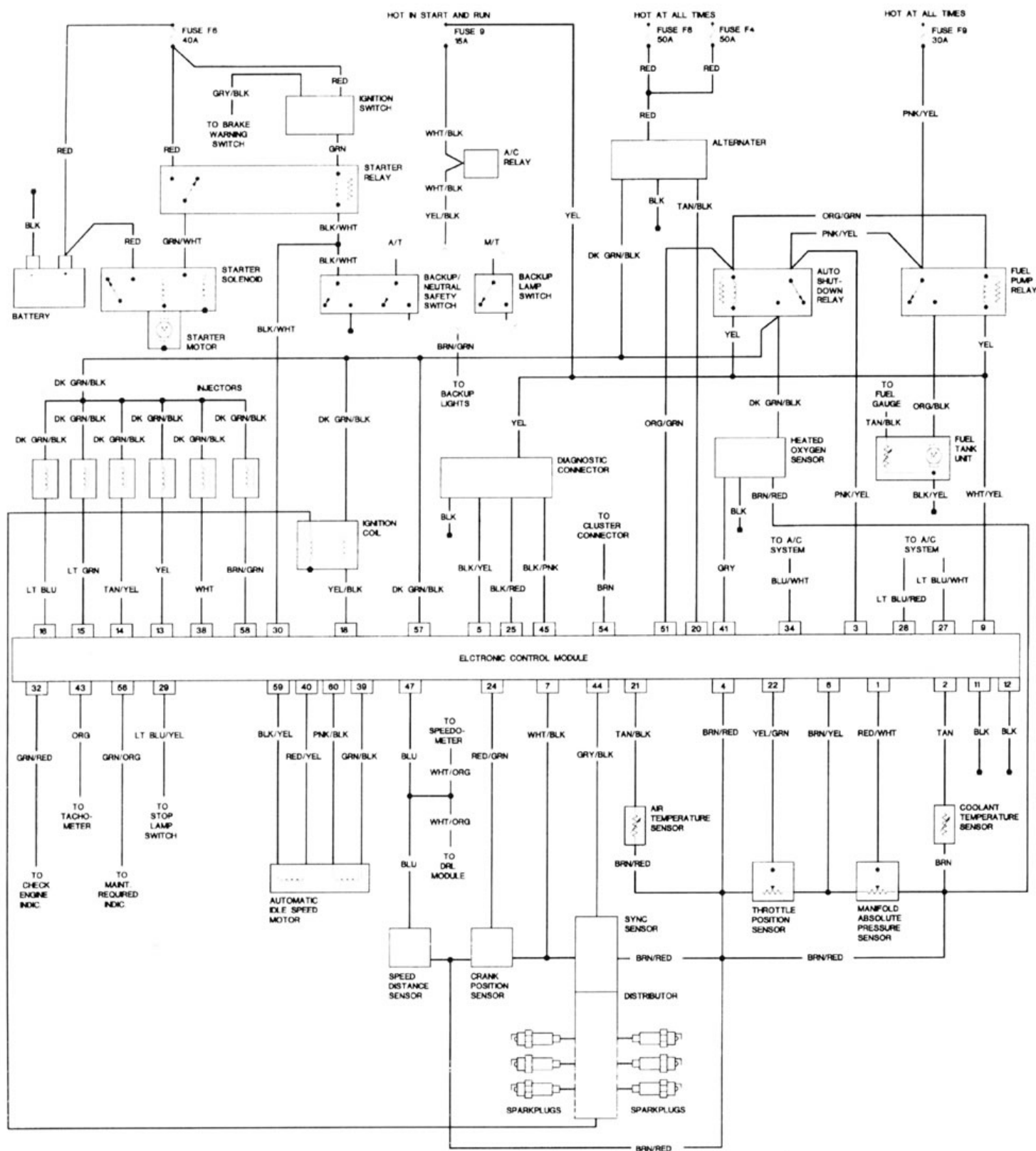




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Fig. 93 Engine controls — 1991 with 4.0L engine

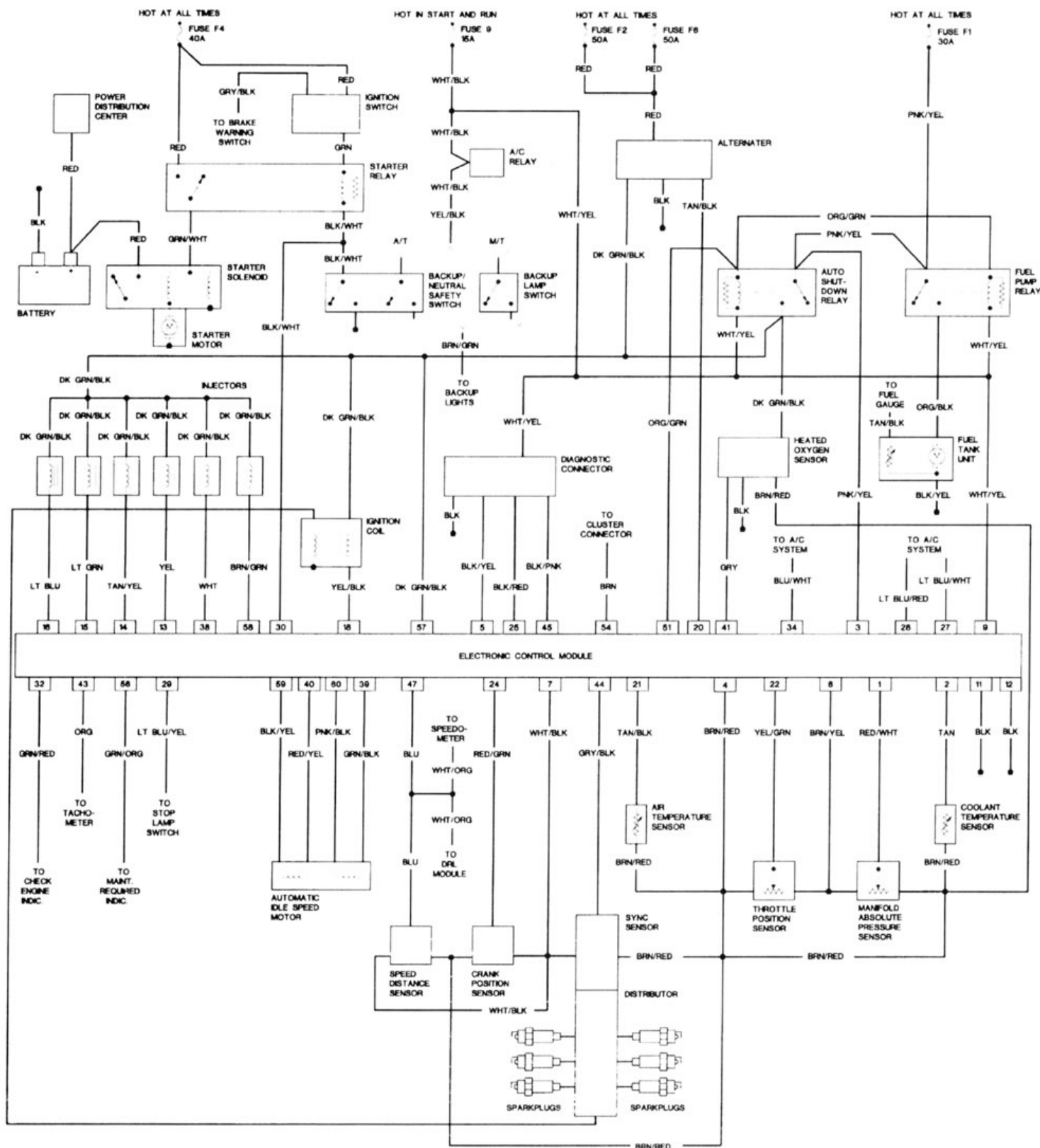
CAV	WIRE COLOR	DESCRIPTION
1	RD/WT*	MAP SENSOR
2	TN	COOLANT SENSOR
3	PK/YL*	DIRECT BATTERY VOLTAGE
4	BR/RD*	SENSOR GROUND (ENGINE CONTROLLER)
5	BK/YL*	GROUND SENSOR FOR FUEL SENDER
6	BR/YL*	5-VOLT OUTPUT (TO MAP & TPS)
7	WT/BK*	8-VOLT OUTPUT (TO DISTRIBUTOR PICK-UP)
8		
9	YL	IGNITION CIRCUIT SENSE
10		
11	BK	POWER-GROUND
12	BK	POWER GROUND
13	YL	INJECTOR NO. 4
14	TN/YL*	INJECTOR NO. 3
15	LG	INJECTOR NO. 2
16	LB	INJECTOR NO. 1
17		
18		
19	YL/BK*	IGNITION COIL
20	TN/BK*	ALTERNATOR FIELD CONTROL
21	TN/DB*	MANIFOLD AIR TEMPERATURE (MAT) SENSOR
22	YL/DG*	THROTTLE POSITION SENSOR
23		
24	RD/DG*	CRANKSHAFT POSITION SENSOR (CPS)
25	BK/RD*	DIAGNOSTIC CONNECTOR
26		
27	LB/WT*	A/C REQUEST
28	LB/RD*	A/C SELECT
29	LB/YL*	BRAKE SWITCH
30	BK/WT*	PARK/NEUTRAL SWITCH (AUTO TRANS. ONLY)
31		
32	DG/RD*	CHECK ENGINE LAMP
33		
34	DB/WT*	A/C CLUTCH RELAY
35		
36		

CAV	WIRE COLOR	DESCRIPTION
37		
38	WT	INJECTOR NO. 5
39	DG/BK*	AIS MOTOR (TERMINAL D)
40	RD/YL*	AIS MOTOR (TERMINAL B)
41	GY	OXYGEN SENSOR
42		
43	OR	TACH SIGNAL OUTPUT (VEHICLE W/TACHOMETER)
44	GY/BK*	SYNC SENSOR
45	BK/PK*	DIAGNOSTIC CONNECTOR
46		
47	DB	VEHICLE DISTANCE (SPEED) SENSOR
48		
49		
50		
51	OR/DG*	FUEL PUMP RELAY/ASD RELAY
52		
53		
54	BR	SHIFT INDICATOR LIGHT (MANUAL TRANS. ONLY)
55		
56	DG/OR*	EMISSION MAINTENANCE REMINDER
57	DG/BK*	ALTERNATOR OUTPUT
58	BR/DG*	INJECTOR NO. 6
59	DB/YL*	AIS MOTOR (TERMINAL A)
60	PK/BK*	AIS MOTOR (TERMINAL C)
WIRE COLOR CODES		LB LIGHT BLUE VT VIOLET
BK BLACK		LG LIGHT GREEN WT WHITE
BR BROWN		OR ORANGE YL YELLOW
DB DARK BLUE		PK PINK * WITH TRACER
DG DARK GREEN		RD RED
GY GRAY		TN TAN

CONNECTOR TERMINAL SIDE SHOWN

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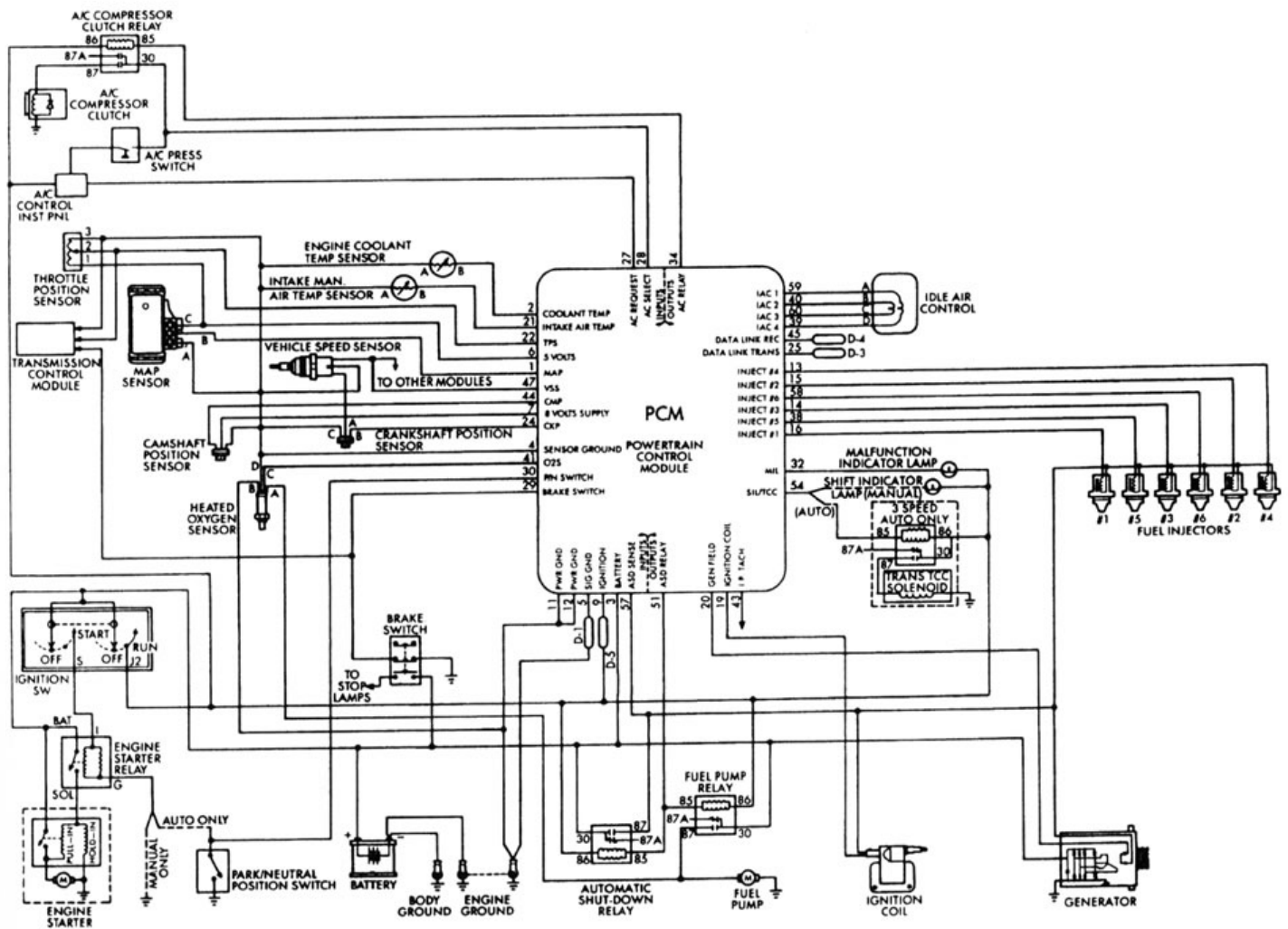
Fig. 72 MFI engine controller connector — 1992 with 4.0L engine



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Fig. 97 Engine controls — 1992 with 4.0L engine





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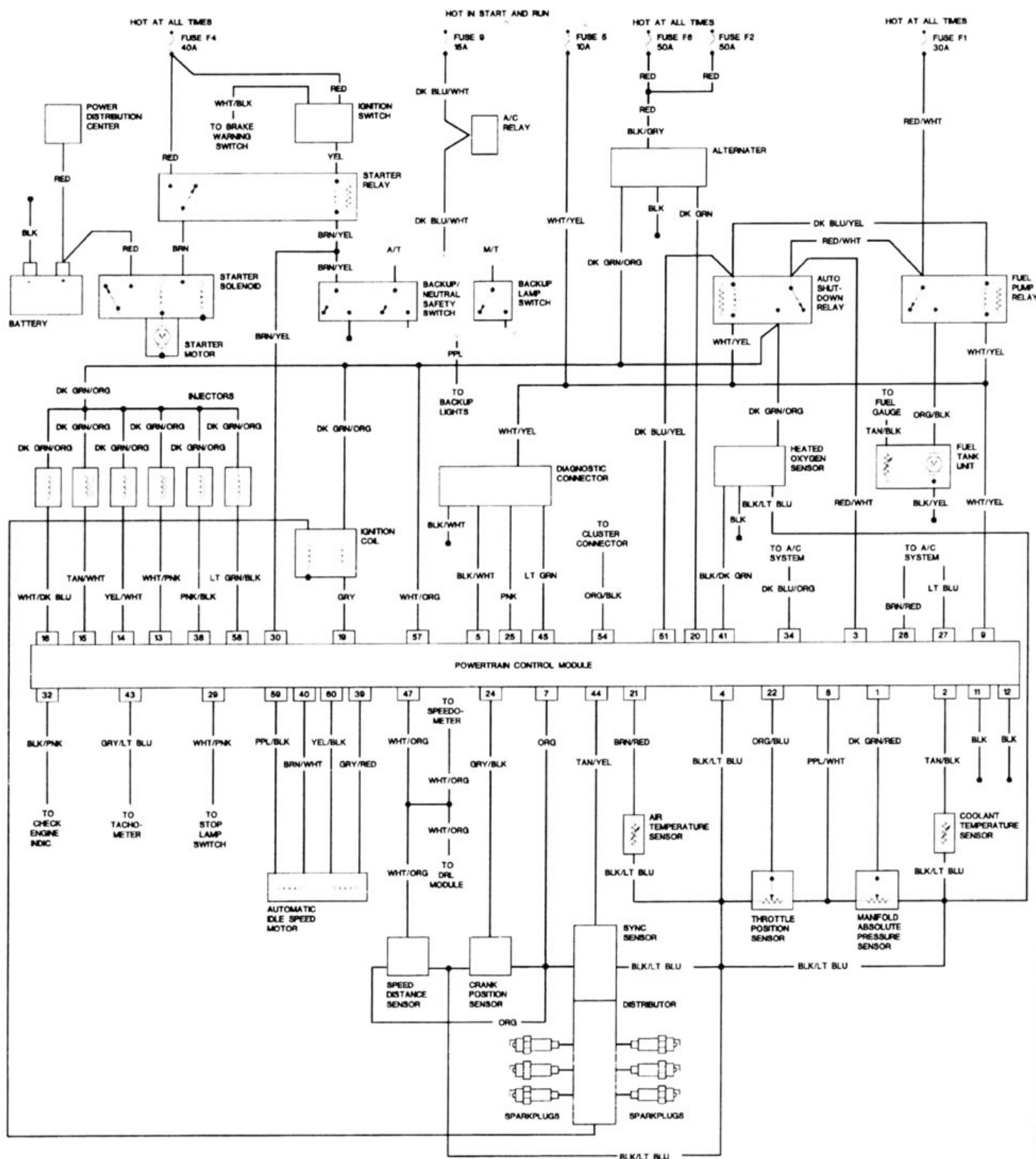


Fig. 105 Engine controls — 1994 with 4.0L engine



Typical 4.0L engine fuel injection system wiring diagram