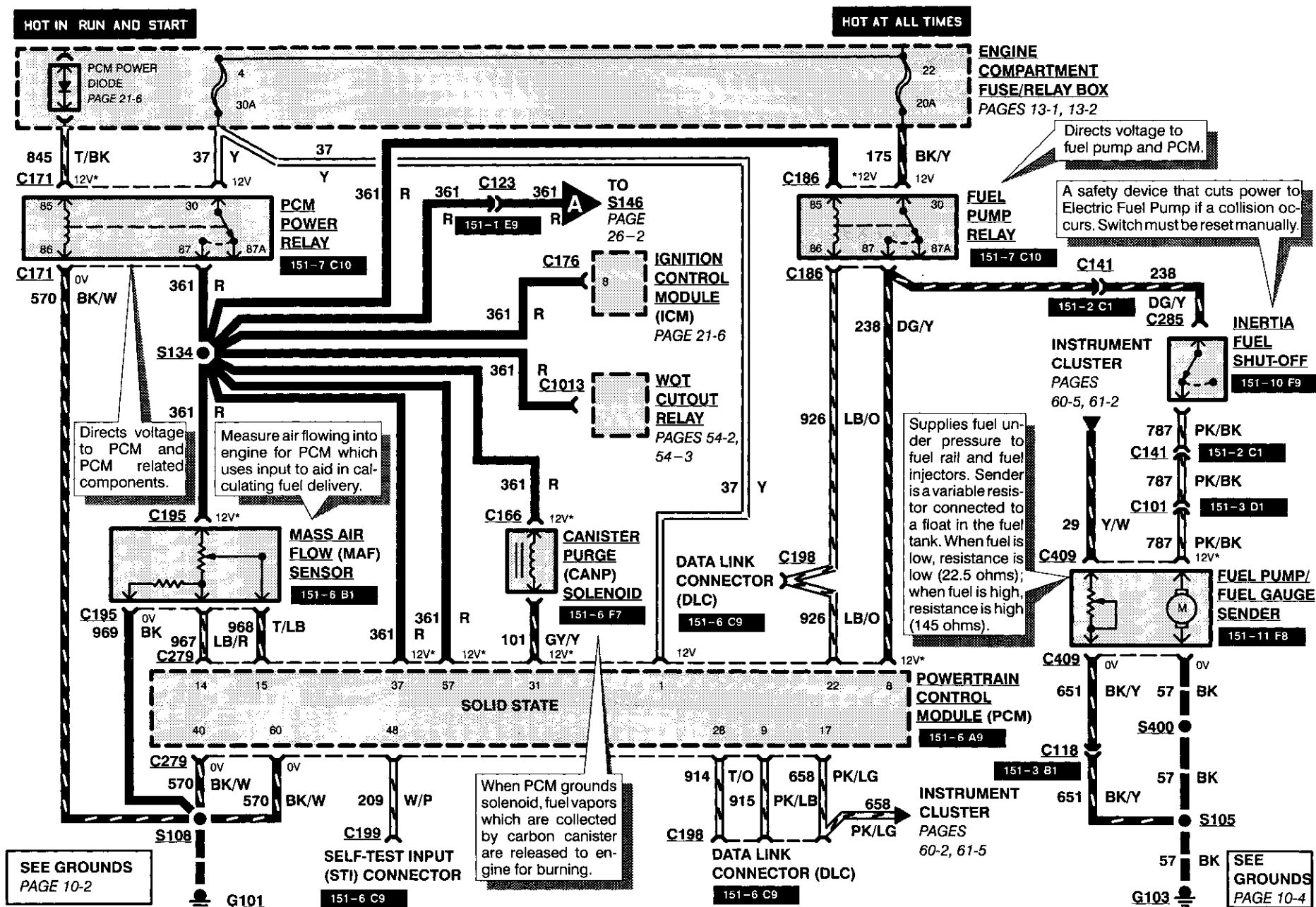


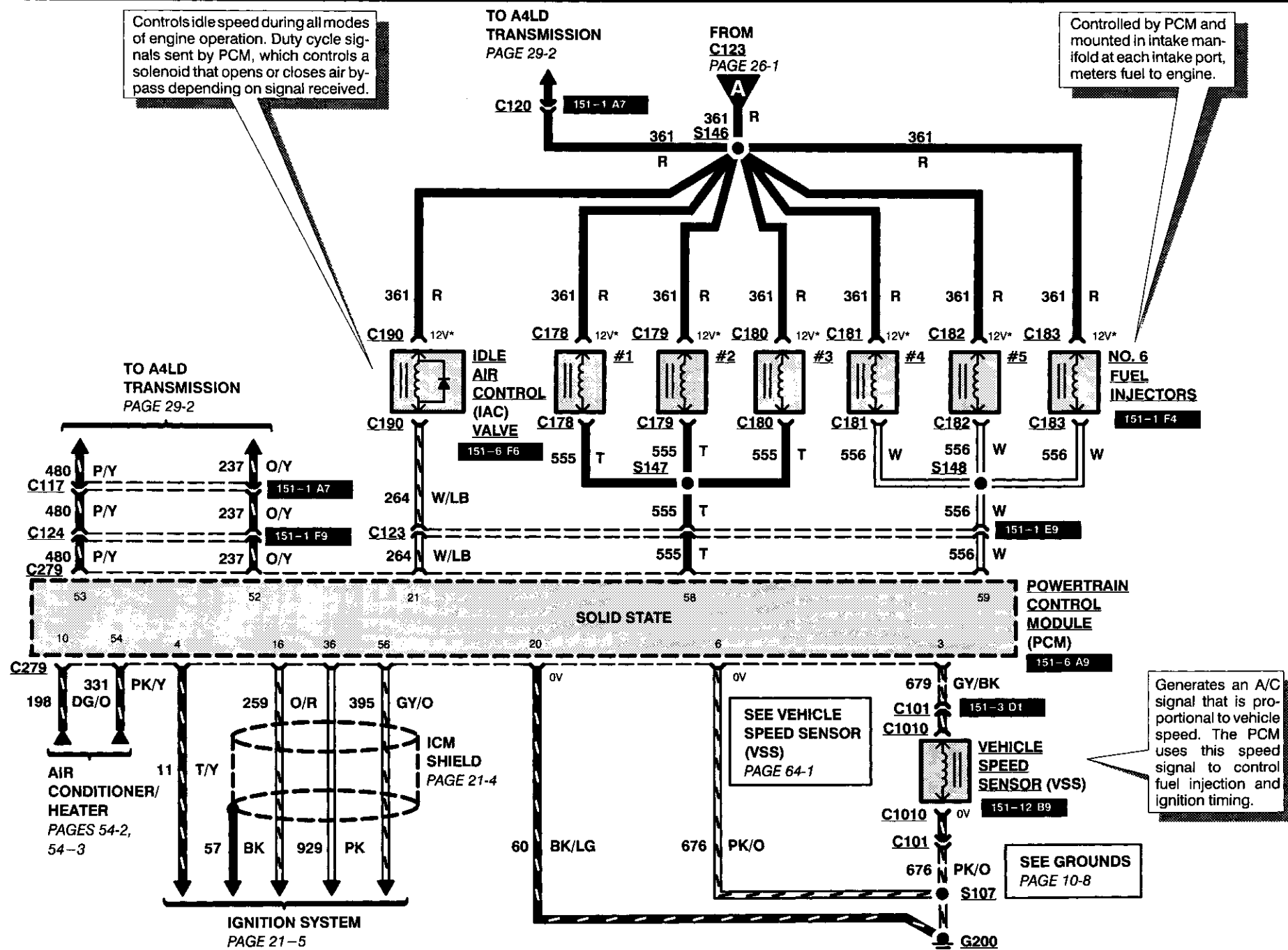
1994 RANGER

For diagnostic information, refer to the Powertrain Control/Emissions Diagnosis Manual.

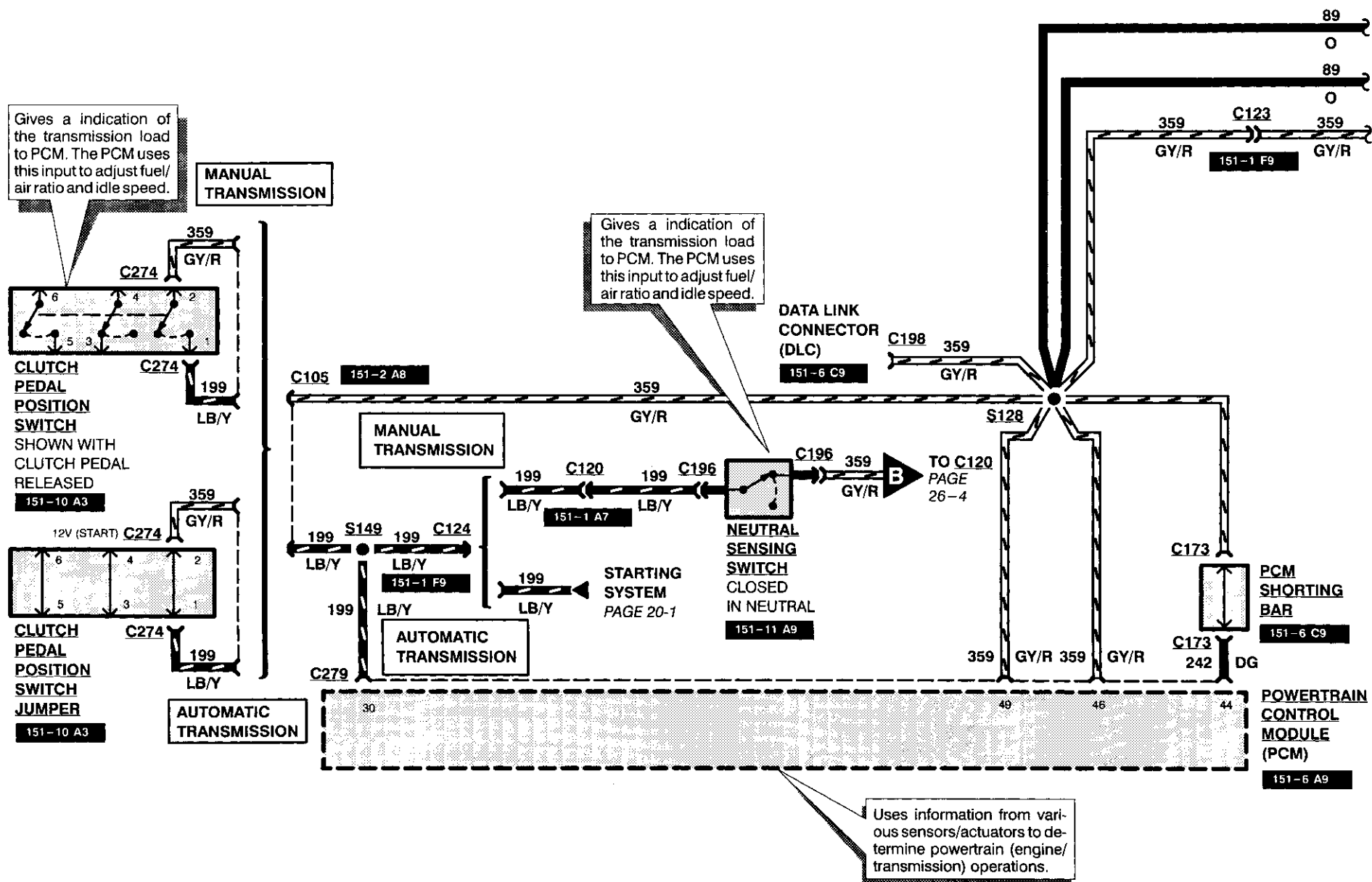
*** WITH IGNITION SWITCH
IN START OR RUN**



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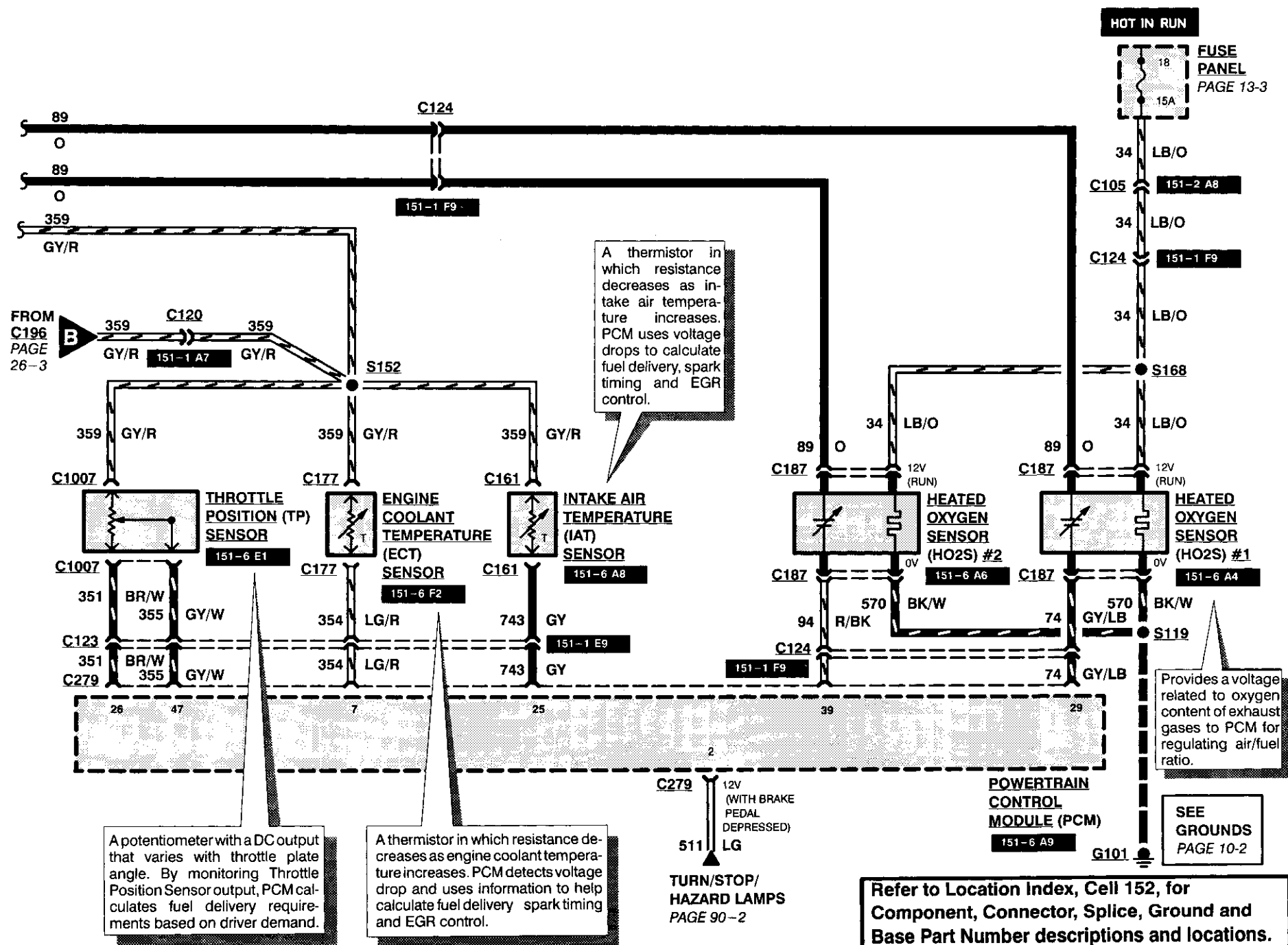


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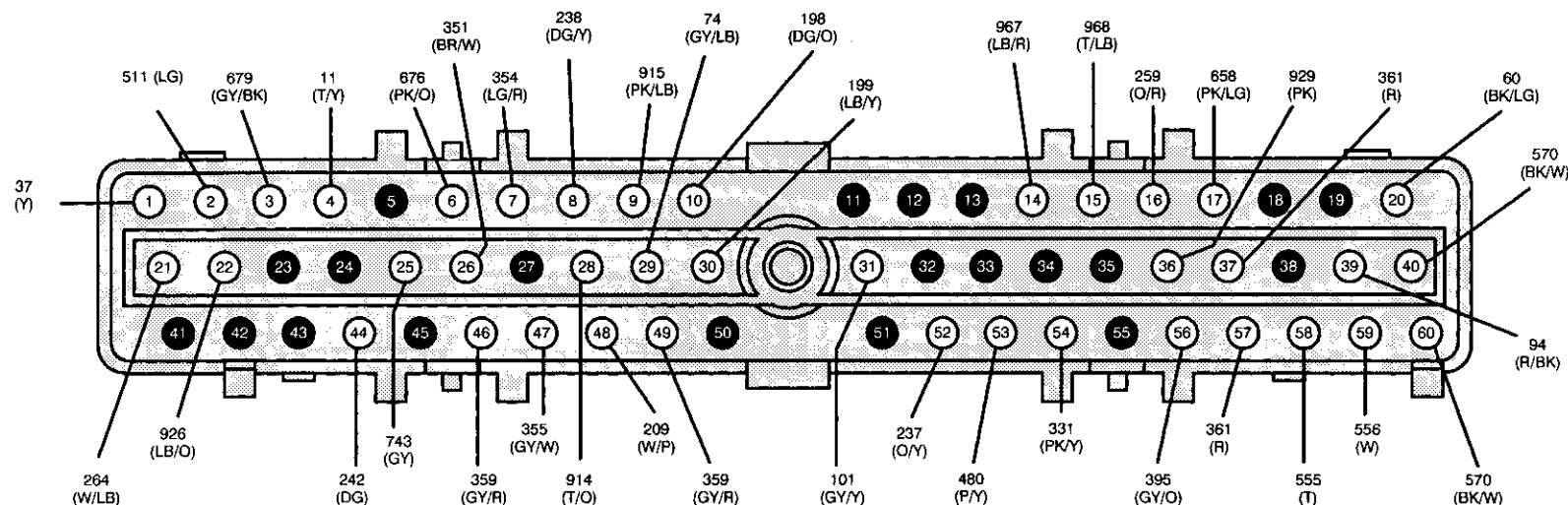
ENGINE CONTROLS (4.0L MFI) 26-4

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26-5 ENGINE CONTROLS (4.0L MFI)

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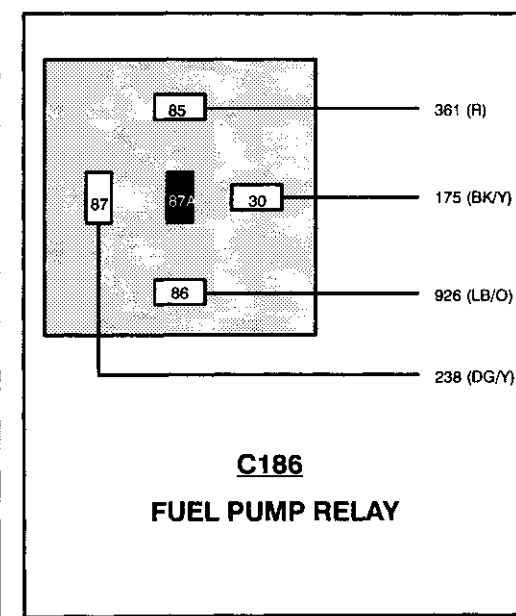
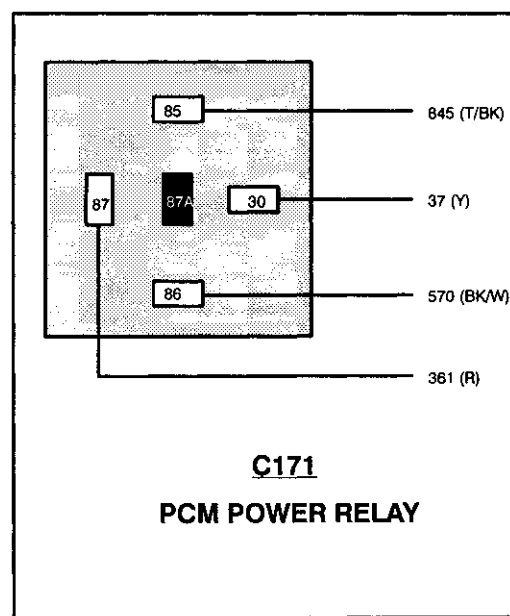
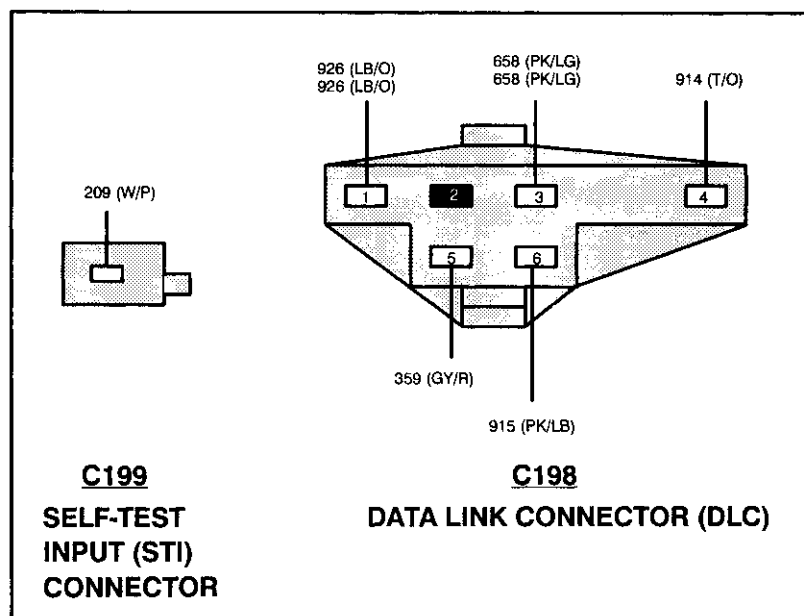
POWERTRAIN CONTROL MODULE (PCM) (4.0L)

PIN NUMBER	CIRCUIT	CIRCUIT FUNCTION	PIN NUMBER	CIRCUIT	CIRCUIT FUNCTION
1	37 (Y)	(B+) Keep Alive Power Input	16	259 (O/R)	Ignition Ground
2	511 (LG)	Brake On/Off (BOO) Input	17	658 (PK/LG)	Data Link Output/Malfunction Indicator Lamp (MIL)
3	679 (GY/BK)	Vehicle Speed Sensor (VSS) Input	18	—	NOT USED
4	11 (T/Y)	Ignition Diagnostic Monitor Input	19	—	NOT USED
5	—	NOT USED	20	60 (BK/LG)	Ground
6	676 (PK/O)	Vehicle Speed Sensor (VSS) Ground	21	264 (W/LB)	Idle Air Control (IAC) Output
7	354 (LG/R)	Engine Coolant Temperature (ECT) Sensor	22	926 (LB/O)	Fuel Pump Enable Output
8	238 (DG/Y)	Fuel Pump Monitor	23	—	NOT USED
9	915 (PK/LB)	Data (—)	24	—	NOT USED
10	198 (DG/O)	A/C Cycle Pressure Switch Input	25	743 (GY)	Intake Air Temperature (IAT) Sensor Input
11	—	NOT USED	26	351 (BR/W)	Reference Voltage Output
12	—	NOT USED	27	—	NOT USED
13	—	NOT USED	28	914 (T/O)	Data (+)
14	967 (LB/R)	Mass Air Flow (MAF) Sensor	29	74 (GY/LB)	Heated Oxygen Sensor (HO2S) #1 Input
15	968 (T/LB)	Mass Air Flow (MAF) Sensor Return	30	199 (LB/Y)	Park/Neutral Position Switch Input

ENGINE CONTROLS (4.0L MFI) 26-6

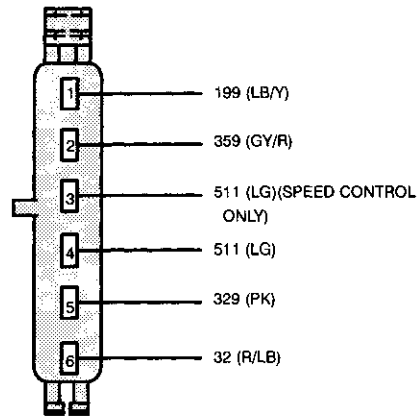
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PIN NUMBER	CIRCUIT	CIRCUIT FUNCTION	PIN NUMBER	CIRCUIT	CIRCUIT FUNCTION
31	101 (GY/Y)	Canister Purge (CANP) Solenoid Output	47	355 (GY/W)	Throttle Position (TP) Sensor Input
32	—	NOT USED	48	209 (W/P)	Data Link Input
33	—	NOT USED	49	359 (GY/R)	Sensor Signal Ground
34	—	NOT USED	50	—	NOT USED
35	—	NOT USED	51	—	NOT USED
36	929 (PK)	Spark Out (SPOUT) Output	52	237 (O/Y)	A4LD Transmission 3/4 - 4/3 Solenoid
37	361 (R)	Power Input	53	480 (P/Y)	Torque Converter Clutch (TCC) Solenoid
38	—	NOT USED	54	331 (PK/Y)	WOT Cutout Relay
39	94 (R/BK)	Heated Oxygen Sensor (HO2S) #2 Input	55	—	NOT USED
40	570 (BK/W)	Ground	56	395 (GY/O)	Profile Ignition Pickup (PIP)
41	—	NOT USED	57	361 (R)	Power Input
42	—	NOT USED	58	555 (T)	Fuel Injector 1, 2, 3 Output
43	—	NOT USED	59	556 (W)	Fuel Injector 4, 5, 6 Output
44	242 (DG)	Octane Adjust Signal	60	570 (BK/W)	Ground
45	—	NOT USED			
46	359 (GY/R)	Sensor Signal Return			



26-7 ENGINE CONTROLS (4.0L MFI)

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CLUTCH PEDAL POSITION SWITCH

CELL 26 CONNECTOR REFERENCE LIST

CONNECTOR	SECTION
C176	21
C1013	54

This image shows a single sheet of white paper with horizontal ruling lines. The lines are evenly spaced and run across the width of the page. There are no margins, text, or other markings on the paper.