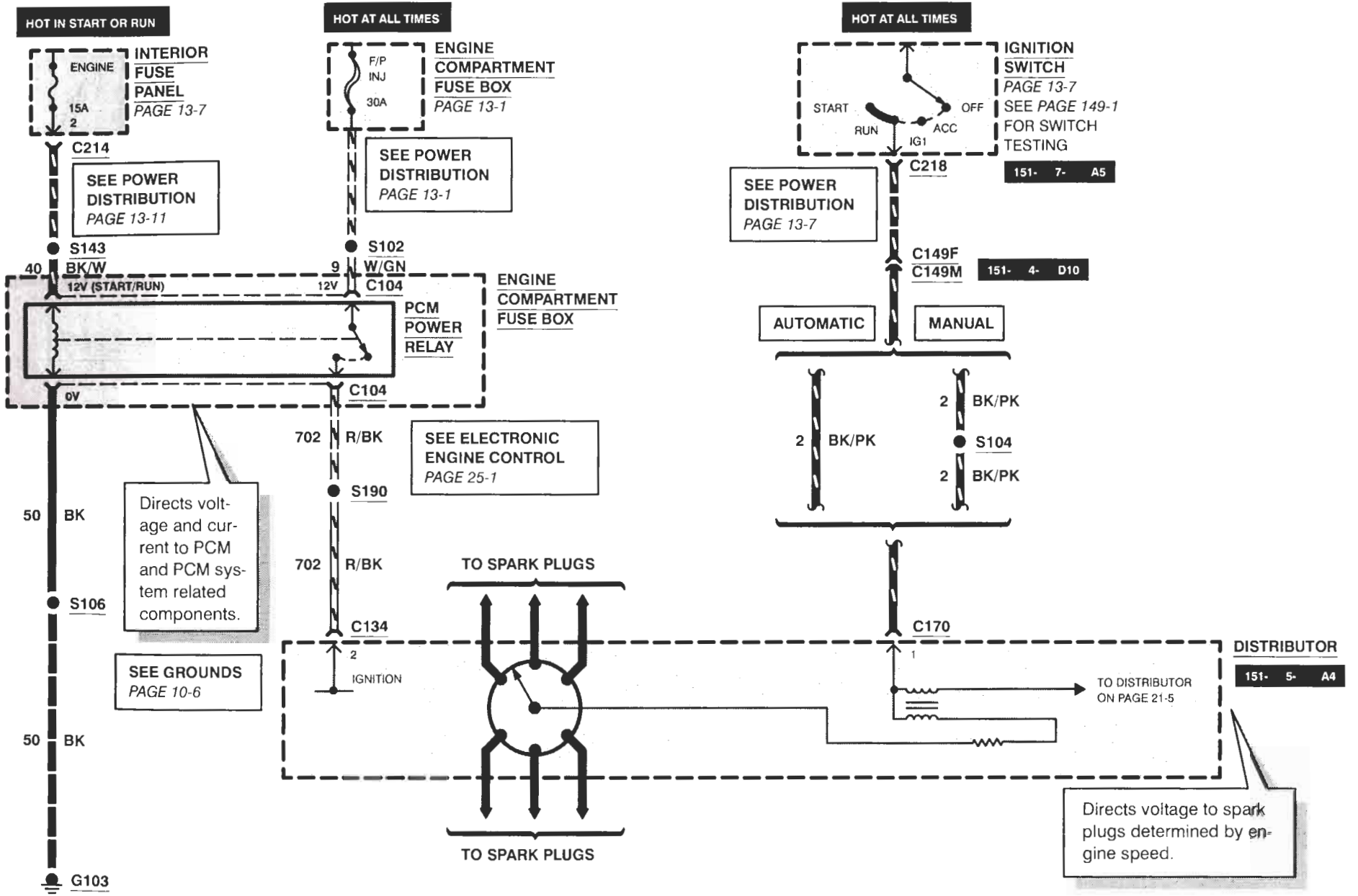
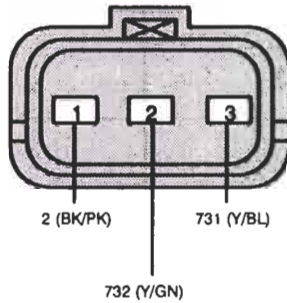


# IGNITION SYSTEM (2.5L) 21-4

1995 PROBE

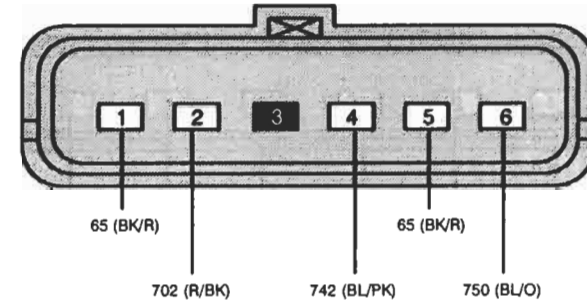






**C170 (GRAY)**  
**DISTRIBUTOR**  
**(2.5L)**

| PIN | CIRCUIT    | CIRCUIT FUNCTION                    |
|-----|------------|-------------------------------------|
| 1   | 2 (BK/P)   | Power (Hot in Start or Run)         |
| 2   | 732 (Y/GN) | Tachometer Signal (Ignition Ground) |
| 3   | 731 (Y/BL) | Tachometer Output                   |

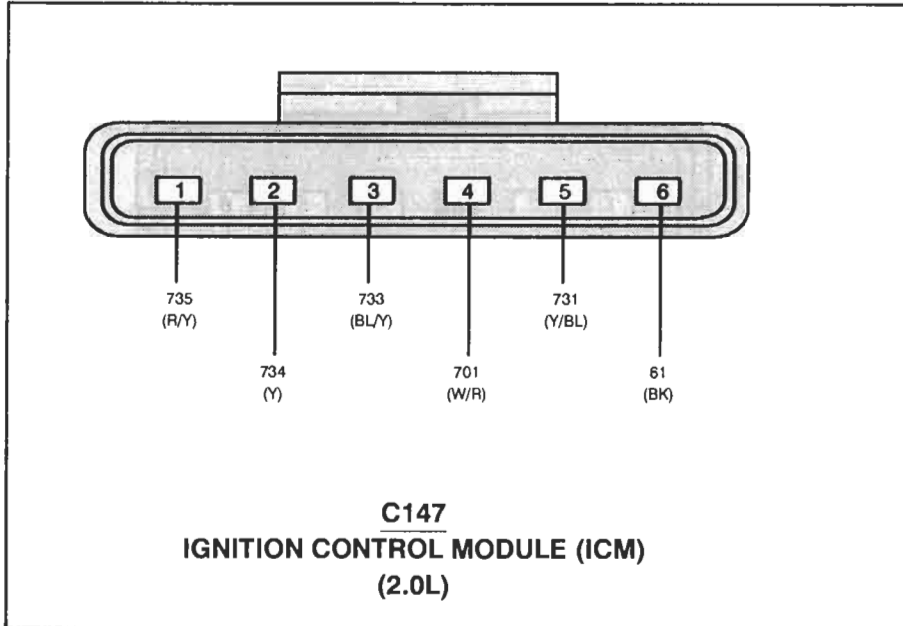


**C134 (GRAY)**  
**DISTRIBUTOR**  
**(2.5L)**

| PIN | CIRCUIT     | CIRCUIT FUNCTION                        |
|-----|-------------|---|
| 1   | 65 (BK/R)   | Ground                                  |
| 2   | 702 (R/BK)  | PCM Power Relay Input                   |
| 3   | —           | NOT USED                                |
| 4   | 742 (BL/PK) | Ground Signal (Cylinder Identification) |
| 5   | 65 (BK/R)   | Ground                                  |
| 6   | 750 (BL/O)  | Distributor Ignition Input              |

# 21-7 IGNITION SYSTEM

1995 PROBE



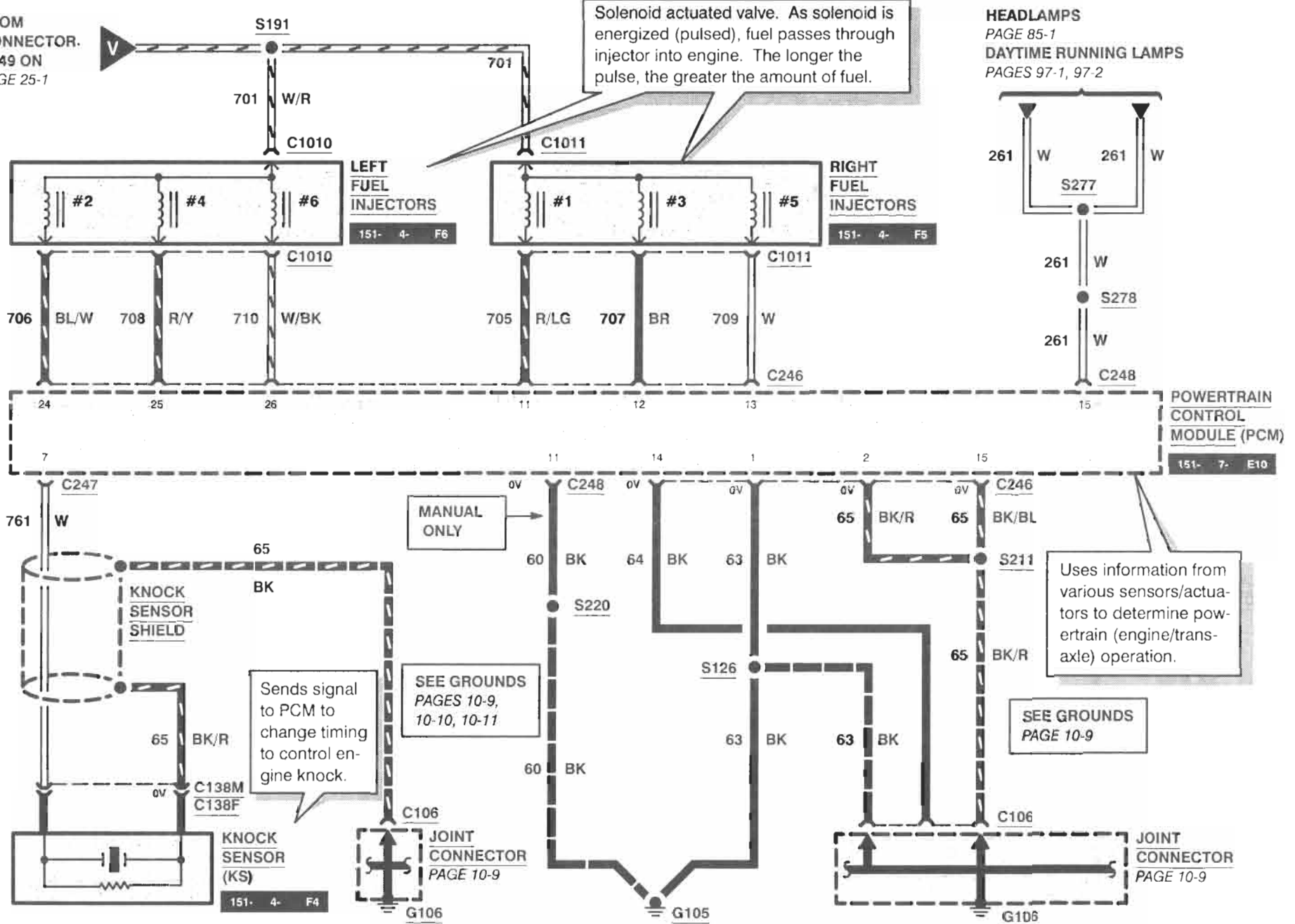
| PIN | CIRCUIT    | CIRCUIT FUNCTION                         |
|-----|------------|--|
| 1   | 735 (R/Y)  | Profile Ignition Pickup (PIP)            |
| 2   | 734 (Y)    | Spark Output (SPOUT)                     |
| 3   | 733 (BL/Y) | Ignition Diagnostic Monitor (IDM) Output |
| 4   | 701 (W/R)  | Power (PCM Relay)                        |
| 5   | 731 (Y/BL) | Tachometer Output                        |
| 6   | 61 (BK)    | Ground                                   |

## CONNECTOR REFERENCE LIST

| CONNECTOR   | SECTION-PAGE |
|-------------|--------------|
| C135 (2.0L) | 23-11        |
| C135 (2.5L) | 25-11        |
| C149        | 150-2        |
| C214        | 13-15        |
| C218        | 13-17        |
| C240        | 60-7         |
| C246        | 25-9         |
| C248        | 25-9         |
| C256        | 23-12        |
| C259        | 29-8         |
| C249        | 150-8        |



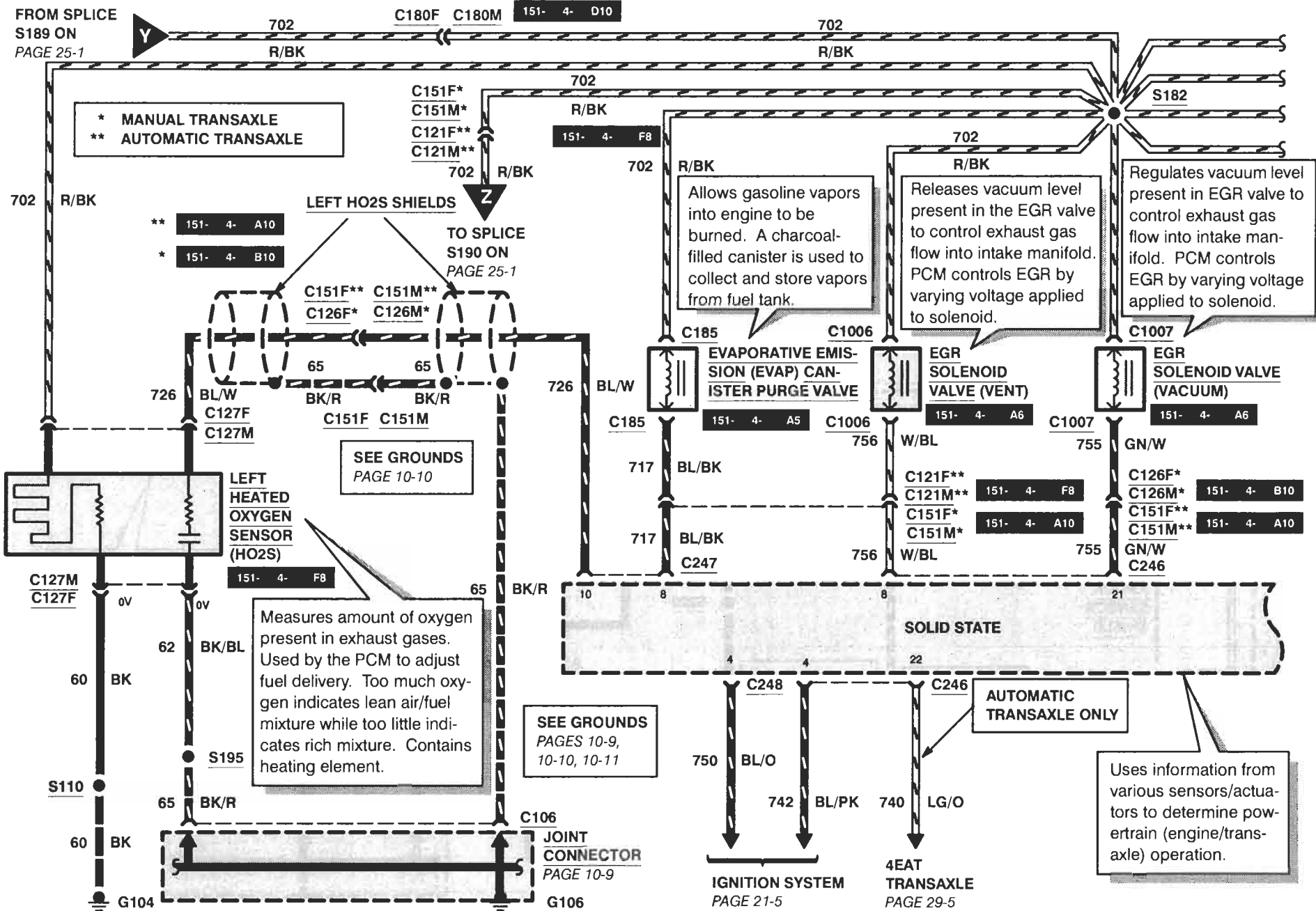
FROM CONNECTOR. C149 ON PAGE 25-1



# 25-3 ELECTRONIC ENGINE CONTROL (2.5L)

1995 PROBE

FROM SPLICE  
S189 ON  
PAGE 25-1

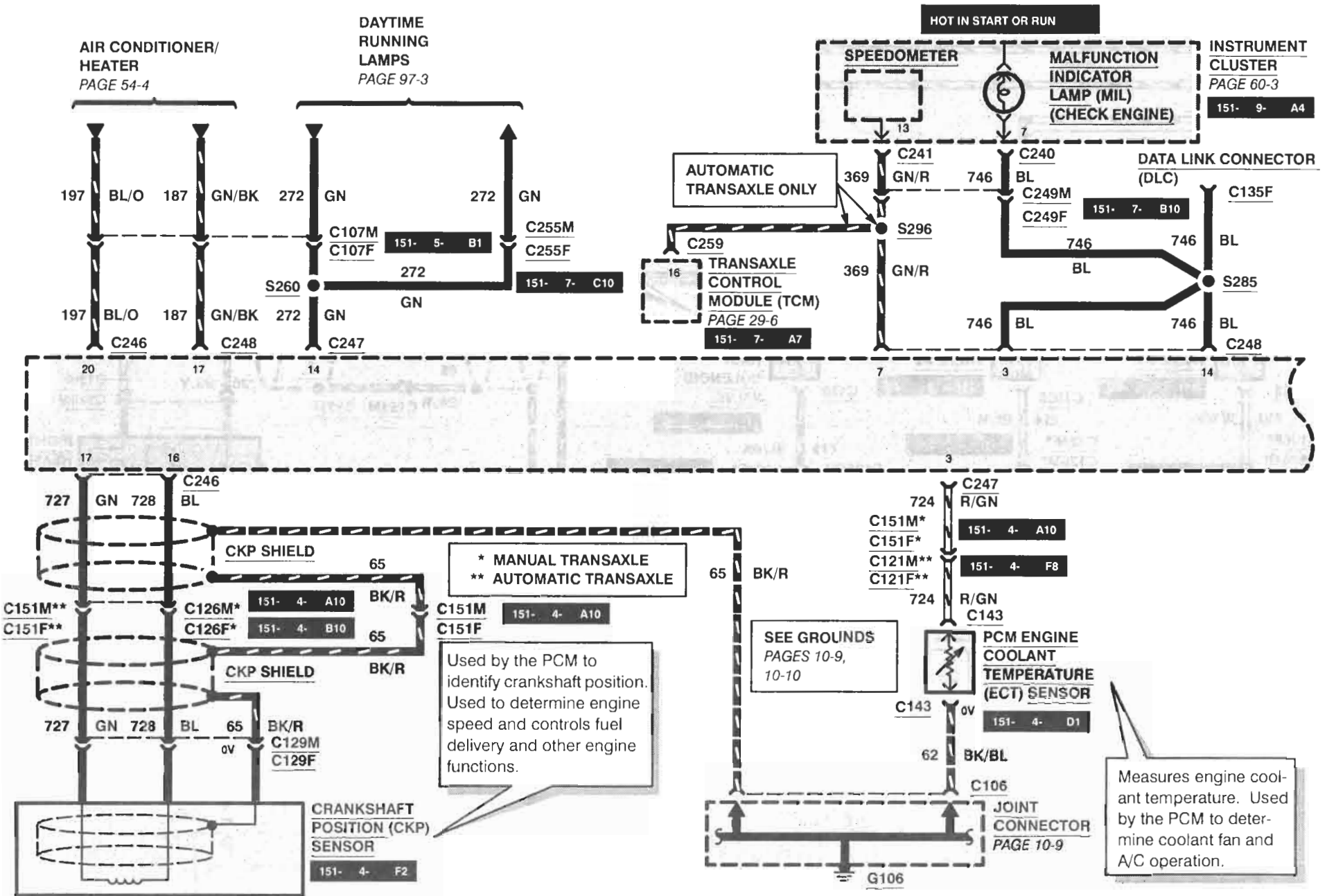






# 25-5 ELECTRONIC ENGINE CONTROL (2.5L)

1995 PROBE

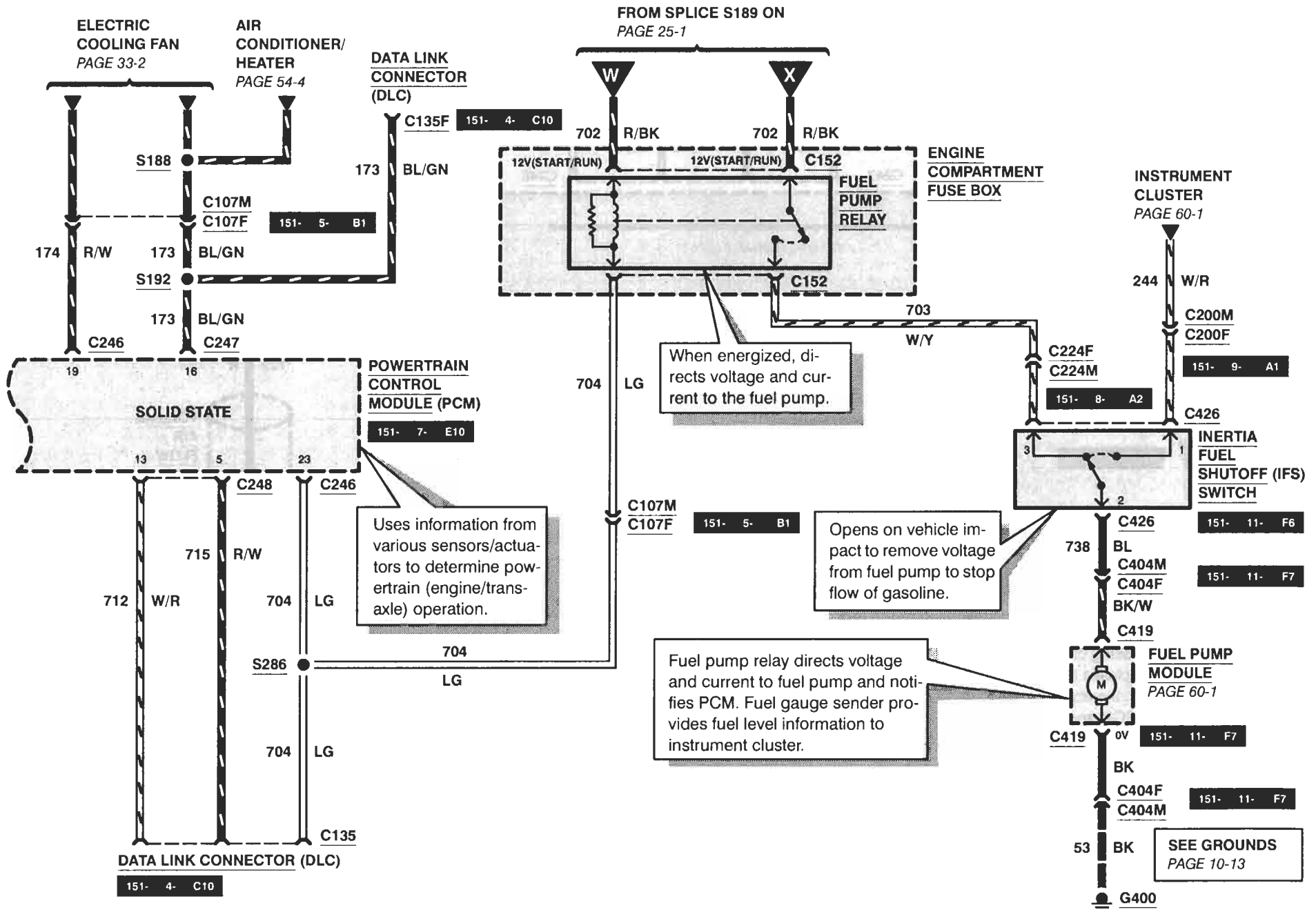


Used by the PCM to identify crankshaft position. Used to determine engine speed and controls fuel delivery and other engine functions.

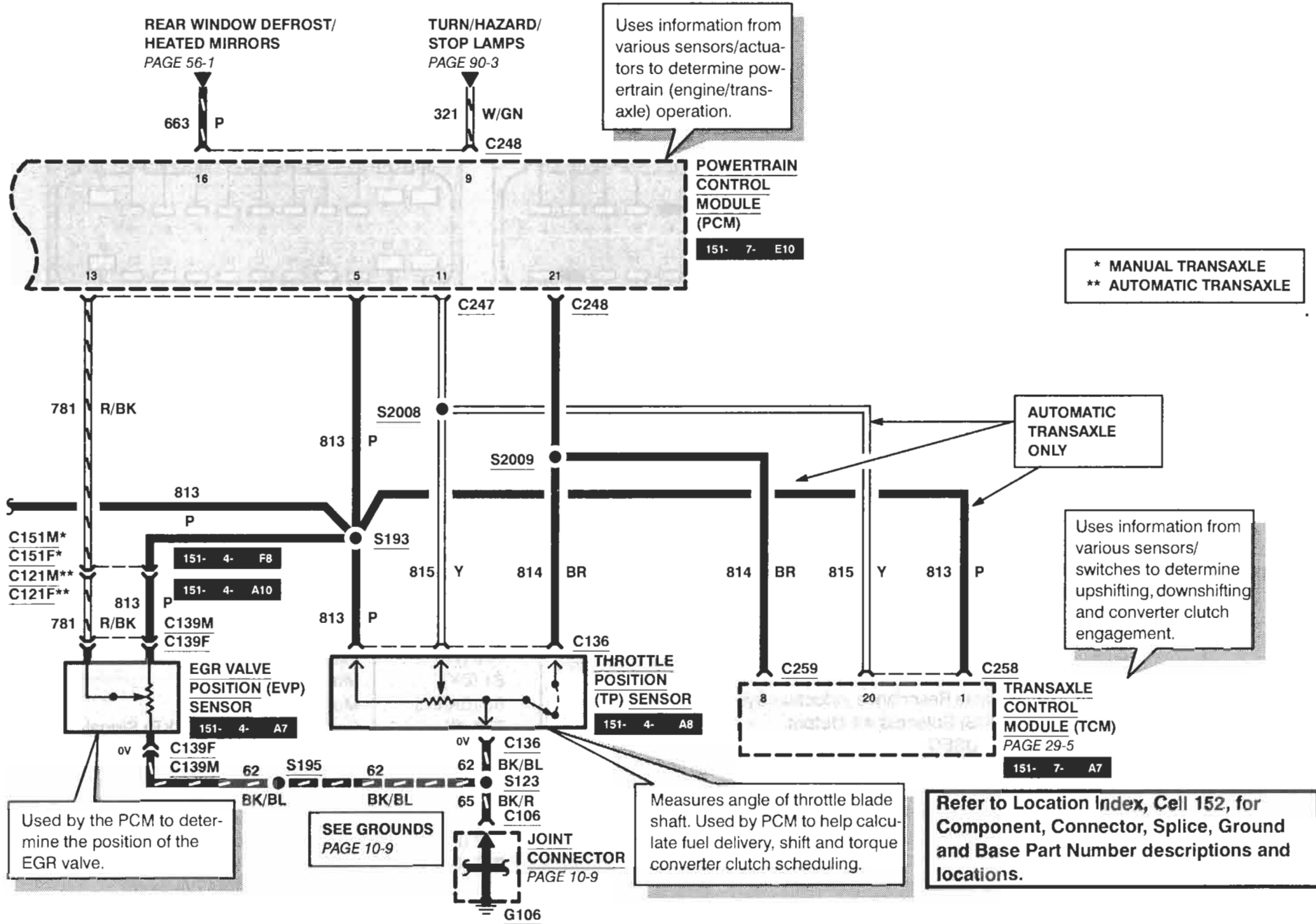
Measures engine coolant temperature. Used by the PCM to determine coolant fan and A/C operation.

# ELECTRONIC ENGINE CONTROL (2.5L) 25-6

1995 PROBE

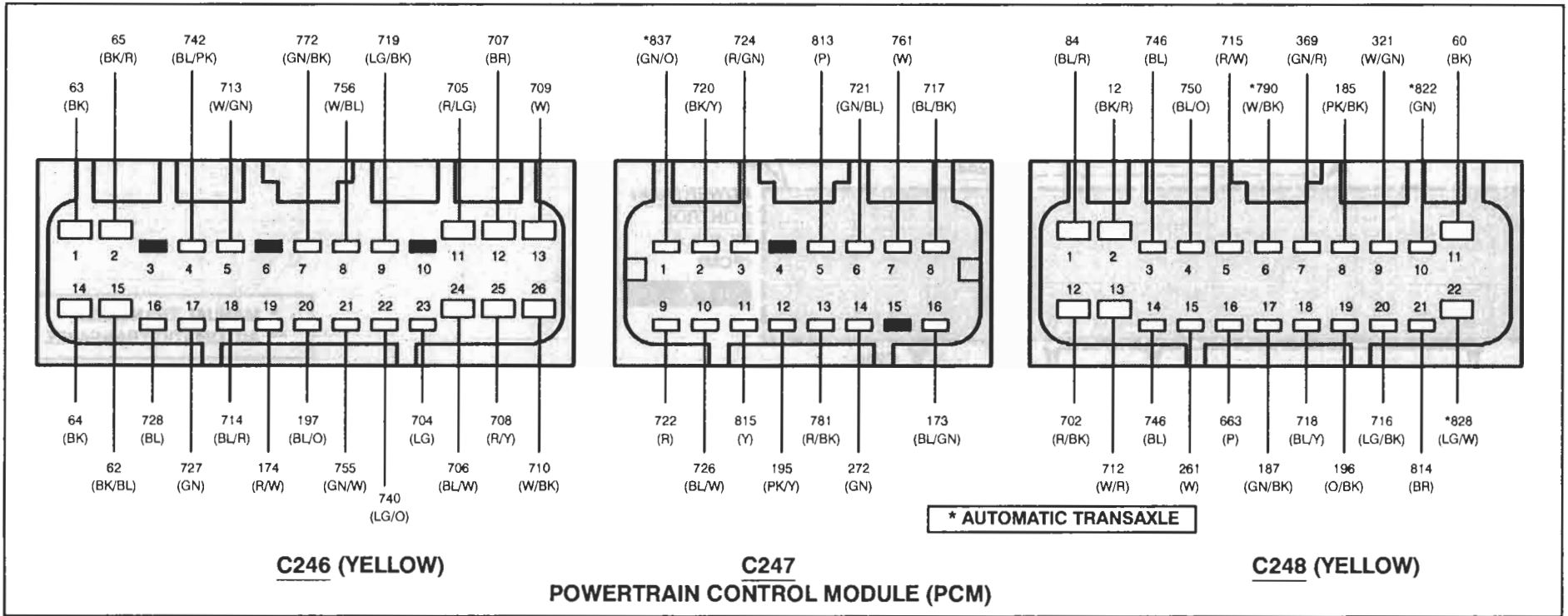






# 25-9 ELECTRONIC ENGINE CONTROL (2.5L)

1995 PROBE



## C246

| PIN | CIRCUIT     | CIRCUIT FUNCTION  | PIN | CIRCUIT    | CIRCUIT FUNCTION  |
|-----|-------------|---|-----|------------|---|
| 1   | 63 (BK)     | Module Ground   | 11  | 705 (R/LG) | Injector #1 Output  |
| 2   | 65 (BK/R)   | Module Ground   | 12  | 707 (BR)   | Injector #3 Output  |
| 3   | —           | NOT USED  | 13  | 709 (W)    | Injector #5 Output  |
| 4   | 742 (BL/PK) | Ground Signal (Cylinder Identification)                       | 14  | 64 (BK)    | Module Ground   |
| 5   | 713 (W/GN)  | Variable Resonance Induction System (VRIS) Solenoid #1 Output | 15  | 62 (BK/BL) | Module Ground   |
| 6   | —           | NOT USED  | 16  | 728 (BL)   | Crankshaft Position (CKP) Signal                              |
| 7   | 772 (GN/BK) | Fuel Pressure Regulator Control (FPRC) Solenoid Output        | 17  | 727 (GN)   | Cylinder Identification (CID) Signal                          |
| 8   | 756 (W/BL)  | Exhaust Gas Recirculation (EGR) Solenoid Output (Vent)        | 18  | 714 (BL/R) | Variable Resonance Induction System (VRIS) Solenoid #2 Output |
| 9   | 719 (LG/BK) | Idle Air Control (IAC) Valve Output                           | 19  | 174 (R/W)  | Low Speed Fan Control   |
| 10  | —           | NOT USED  | 20  | 197 (BL/O) | Low Speed Condenser Fan Control                               |
|     |             |   | 21  | 755 (GN/W) | Exhaust Gas Recirculation (EGR) Solenoid Output (Vacuum)      |

(continued)

# ELECTRONIC ENGINE CONTROL (2.5L) 25-10

1995 PROBE

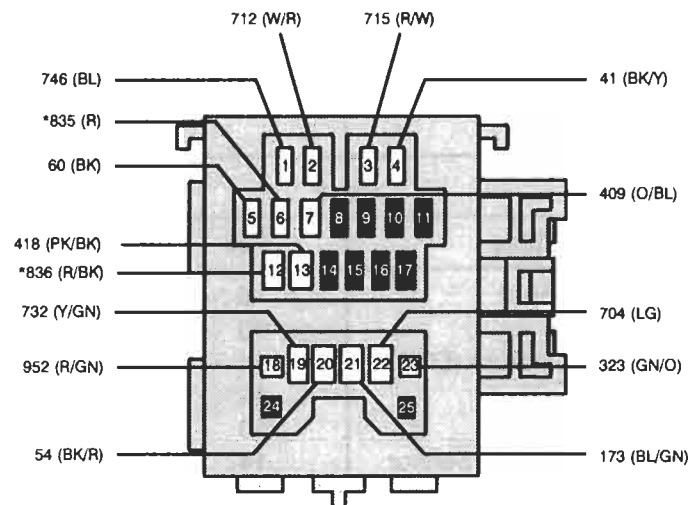
(continued)

\* AUTOMATIC TRANSAXLE

| C246 |              |  |     |              |                                     |
|------|--------------|--|-----|--------------|-------------------------------------|
| PIN  | CIRCUIT      | CIRCUIT FUNCTION                             | PIN | CIRCUIT      | CIRCUIT FUNCTION                    |
| 22   | 740 (LG/O)   | Crankshaft Position (CPK) Signal             | 25  | 708 (R/Y)    | Injector #4 Output                  |
| 23   | 704 (LG)     | Fuel Pump Relay                              | 26  | 710 (W/BK)   | Injector #6 Output                  |
| 24   | 706 (BL/W)   | Injector #2 Output                           |     |              |                                     |
| C247 |              |  |     |              |                                     |
| PIN  | CIRCUIT      | CIRCUIT FUNCTION                             | PIN | CIRCUIT      | CIRCUIT FUNCTION                    |
| 1    | * 837 (GN/O) | Barometric Pressure Input                    | 9   | 722 (R)      | Volume Air Flow Input               |
| 2    | 720 (BK/Y)   | Right HO2S Input                             | 10  | 726 (BL/W)   | Left HO2S Input                     |
| 3    | 724 (R/GN)   | Engine Coolant Temperature (ECT)             | 11  | 815 (Y)      | Throttle Position Input             |
| 4    | —            | NOT USED                                     | 12  | 195 (PK/Y)   | A/C High Pressure Input             |
| 5    | 813 (P)      | Reference Voltage Output                     | 13  | 781 (R/BK)   | Exhaust Gas Recirculation (EGR)     |
| 6    | 721 (GN/BL)  | Intake Air Temperature (IAT) Sensor<br>Input | 14  | 272 (GN)     | Valve Position Input                |
| 7    | 761 (W)      | Knock Sensor Input                           | 15  | —            | Daytime Running Lamps (DRL)         |
| 8    | 717 (BL/BK)  | (EVAP) Canister Purge Solenoid<br>Output     | 16  | 173 (BL/GN)  | Module Input                        |
|      |              |  |     |              | NOT USED                            |
|      |              |  |     |              | High Speed Condenser Fan<br>Control |
| C248 |              |  |     |              |                                     |
| PIN  | CIRCUIT      | CIRCUIT FUNCTION                             | PIN | CIRCUIT      | CIRCUIT FUNCTION                    |
| 1    | 84 (BL/R)    | Keep Alive Power                             | 12  | 702 (R/BK)   | Power (PCM Relay)                   |
| 2    | 12 (BK/R)    | Start Signal Input                           | 13  | 712 (W/R)    | Data Link Connector (DLC)           |
| 3    | 746 (BL)     | Malfunction Indicator Lamp (MIL)<br>Output   | 14  | 746 (BL)     | Data Link Connector (DLC)           |
| 4    | 750 (BL/O)   | Distributor Ignition (DI)                    | 15  | 261 (W)      | Headlamps On Input                  |
| 5    | * 715 (R/W)  | Data Link Connector (DLC)                    | 16  | 663 (P)      | Rear Window Defrost On Input        |
| 6    | 790 (W/BK)   | Torque Reduced Signal Output                 | 17  | 187 (GN/BK)  | A/C Relay Output                    |
| 7    | 369 (GN/R)   | Vehicle Speed Sensor Input (+)               | 18  | 718 (BL/Y)   | Power Steering Pressure Input       |
| 8    | 185 (PK/BK)  | A/C On/Off and Low Pressure Input            | 19  | 196 (O/BK)   | Blower Motor On Input               |
| 9    | * 321 (W/GN) | Brake Input                                  | 20  | 716 (LG/BK)  | Park/Neutral Position (PNP) Input   |
| 10   | 822 (GN)     | Reduce Torque Signal 1 Input                 | 21  | 814 (BR)     | Closed Throttle Input               |
| 11   | 60 (BK)      | Module Ground                                | 22  | * 828 (LG/W) | Reduce Torque Signal 2 Input        |

# 25-11 ELECTRONIC ENGINE CONTROL (2.5L)

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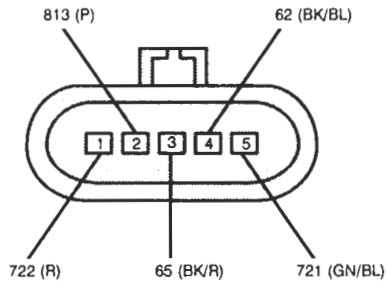
**C135  
DATA LINK CONNECTOR (DLC)**

**\*AUTOMATIC  
TRANSAXLE ONLY**

| PIN | CIRCUIT     | CIRCUIT FUNCTION                                       | PIN | CIRCUIT     | CIRCUIT FUNCTION                       |
|-----|-------------|--|-----|-------------|--|
| 1   | 746 (BL)    | Malfunction Indicator Lamp (MIL)                       | 14  | —           | NOT USED                               |
| 2   | 712 (W/R)   | (Switch Monitor Lamp (SML)                             | 15  | —           | NOT USED                               |
| 3   | 715 (R/W)   | Electronic Engine Control Self-Test Input              | 16  | —           | NOT USED                               |
| 4   | 41 (BK/Y)   | Ignition (B+)  | 17  | —           | NOT USED                               |
| 5   | 60 (BK)     | Ground (GND)   | 18  | 952 (R/GN)  | Air Bag Diagnosis (Test Air Bag (TAB)) |
| 6   | *835 (R)    | Transmission Control Module                            | 19  | 732 (Y/GN)  | Tachometer Signal (Ignition Ground)    |
| 7   | 409 (O/BL)  | Anti-lock Brake Diagnosis (Failure Brake System (FBS)) | 20  | 54 (BK/R)   | Ground                                 |
| 8   | —           | NOT USED   | 21  | 173 (BL/GN) | Cooling Fan Relay                      |
| 9   | —           | NOT USED   | 22  | 704 (LG)    | Fuel Pump Relay                        |
| 10  | —           | NOT USED   | 23  | 323 (GN/O)  | Horn Relay                             |
| 11  | —           | NOT USED   | 24  | —           | NOT USED                               |
| 12  | *836 (R/BK) | Transmission Control Module                            | 25  | —           | NOT USED                               |
| 13  | 418 (PK/BK) | Anti-lock Brake Diagnosis (Test Brake System (TBS))    |     |             |  |

# ELECTRONIC ENGINE CONTROL (2.5L) 25-12

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**C150**  
**VOLUME AIR FLOW (VAF) SENSOR**

| PIN | CIRCUIT     | CIRCUIT FUNCTION                    |
|-----|-------------|-------------------------------------|
| 1   | 722 (R)     | Volume Air Flow                     |
| 2   | 813 (P)     | Reference Voltage                   |
| 3   | 65 (BK/R)   | Ground                              |
| 4   | 62 (BK/BL)  | Ground                              |
| 5   | 721 (GN/BL) | Intake Air Temperature (IAT) Sensor |

## CONNECTOR REFERENCE LIST

| CONNECTOR | SECTION-PAGE |
|-----------|--------------|
| C107      | 150-1        |
| C121      | 150-1        |
| C126      | 150-2        |
| C134      | 21-6         |
| C149      | 150-2        |
| C151      | 150-3        |
| C180      | 150-4        |
| C200      | 150-5        |
| C214      | 13-15        |
| C215      | 13-16        |
| C224      | 150-7        |
| C230      | 23-14        |
| C240      | 60-7         |
| C241      | 60-7         |
| C249      | 150-8        |
| C255      | 150-8        |
| C258      | 29-7         |
| C259      | 29-8         |