1992 MUSTANG

Ford

Electrical & Vacuum Trouble-Shooting Manual

1992 Mustang Electrical & Vacuum Trouble-Shooting Manual (EVTM)

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ELECTRICAL AND VACUUM TROUBLESHOOTING MANUAL
FPS-12121-92

FORD PARTS and SERVICE DIVISION

Quality is Job 1

Ford Parts and Service Division has developed a new format for the EVTM for the 1992 Mustang. Our goal is to provide accurate and timely electrical and vacuum service information.

1992 EVTM FEATURES

- **"HOW THE CIRCUIT WORKS"** descriptions that explain how each circuit works. These descriptions are designed to be used in conjunction with the Electrical Schematic.
- **Schematic pages** now contain **COMPONENT LOCATION** references to full-view illustrations.
- **"COMPONENT TESTING"** procedures (CELL 149) that tell the user how to perform diagnostic tests on various circuits.
- **Connector End Views** (**"COMPONENT CONNECTOR FACES"** CELL 150) are shown for connectors with five or more cavities; and for connectors with ten or more cavities, a circuit function chart is provided.
- **NOTES, CAUTIONS and WARNINGS** that contain important safety information.
- Full view **"COMPONENT LOCATION VIEWS"** (CELL 151) to help locate on-vehicle components.
- **Component Base Part Numbers** and **Harness Base Part Numbers** to aid in ordering parts.
- **Cellular Pagination:** A specific section (or cell) in all EVTMs is numbered by cell and starts with page 1. For example: **"HOW TO USE THIS MANUAL"** is CELL 2 and begins with page 2-1.
- **"C"** numbers have been assigned for all electrical connectors. **"C"** numbers are listed with the system cell, and all are listed in numerical order in the **"LOCATION INDEX"** (CELL 152).
- **"We Want To Hear From You"** – A feedback sheet is provided on the last page.

ORDERING INFORMATION

Information about how to order additional copies of this publication or other Ford publications may be obtained by writing to Helm Incorporated at the address shown below or by calling 1-800-782-4356. Other publications available include:

- Shop Manuals
- Service Specification Books
- Car/Truck Wiring Diagrams
- Powertrain Control/Emissions Diagnosis Manuals

Helm Incorporated
P.O. Box 87150
Detroit, Michigan 48207

1-1 TABLE OF CONTENTS/INDEX

Table of Contents

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IMPORTANT SAFETY NOTICE

Appropriate service methods and proper repair procedures are essential for the safe, reliable operation of all motor vehicles, as well as the personal safety of the individual doing the work. This Manual provides general directions for accomplishing service and repair work with tested, effective techniques. Following them will help assure reliability.

There are numerous variations in procedures, techniques, tools, and parts for servicing vehicles, as well as in the skill of the individual doing the work. This Manual cannot possibly anticipate all such variations and provide advice or cautions as to each. Accordingly, anyone who departs from the instructions provided in this Manual must first establish that he compromises neither his personal safety nor the vehicle integrity by his choice of methods, tools or parts.

2-1 HOW TO USE THIS MANUAL

The purpose of this manual is to show electrical and vacuum circuits in a clear and simple fashion to make troubleshooting easier. **NOTES, CAUTIONS** and **WARNINGS** containing important information appear in boxes on text pages.

- **NOTES** describe how switches and other components operate to help complete a particular procedure.
- **CAUTIONS** provide information that could prevent making an error that may damage the vehicle.
- **WARNINGS** provide information to prevent personal injury.

The **WARNINGS** list on page 2-2 contains general warnings to follow when servicing a vehicle.

Components that work together are shown together. All electrical components used in a specific system are shown on one diagram. The circuit breaker or fuse is shown at the top of the page. All wires, connectors, components and splices are shown in the flow of current to ground at the bottom of the page. If a component is used in several different systems, it is shown in several places. For example, the Main Light Switch is electrically a part of many systems and is repeated on many pages.

In some cases, a component may seem (by its name) to belong to a system where it has no electrical connection. For example, Radio Illumination is electrically part of Instrument Illumination, but because it has electrical connection to the Radio system, it is not shown on the Radio diagram.

Schematic pages now contain references to full-view illustrations. These references are reverse-text blocks located next to each component and connector and refer the user to the appropriate illustration page and zone.

"GROUNDS" (Cell 10) contains ground circuitry shown in complete detail. This information is useful for checking interconnections of the ground circuits of different systems.

"POWER DISTRIBUTION" (Cell 13) contains power distribution circuitry shown in complete detail. This section displays how the various fuses are powered and, in turn, how each system is powered.

"COMPONENT LOCATION VIEWS" (Cell 151) contains full-view illustrations which show the location of all components and connectors in the vehicle.

"TROUBLESHOOTING/DESCRIPTIONS" (Cell 7) contains descriptions of **HOW THE CIRCUIT WORKS** and **TROUBLESHOOTING HINTS** for each system as well as references to the appropriate diagnostic section of the Shop Manual. The beginning of each section has a reverse-text block identifying the page on which the corresponding schematic appears. The first page of each system schematic has a reference box identifying the corresponding page in Cell 7.

"COMPONENT TESTING" (Cell 149) contains testing procedures for various switches. This Information includes schematics, component terminal locations and step-by-step procedures.

"CONNECTOR FACES" (Cell 150) contains illustrations of all component connectors that have 5 or more terminals. Component connectors with more than 10 terminals are accompanied by a pinout chart that lists the function of all circuitry associated with that component.

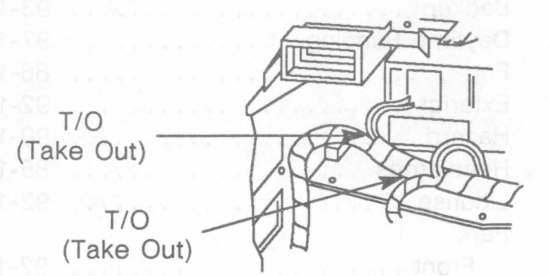
The **"LOCATION INDEX"** (Cell 152) provides the base part numbers, locations, connector face reference and illustration references for all components, connectors, splices and grounds.

HELPFUL REMINDERS

Before using the EVTM for troubleshooting, refer to the HELPFUL REMINDERS described on this page.

1. The abbreviation T/O, for take out, used in the Component Location Chart, refers to the point at which a harness branches to feed a component. Refer to the wiring harness illustration.

Wiring harness at back of Instrument Panel, showing typical T/O (Take Out) locations



2. If a connector serves the same purpose in two separate versions (e.g., EFI/Carb), but is physically different, *two* connector numbers are used. However, if a connector serves the same purpose in two separate versions (e.g., EFI/Carb) and is physically the same, but the wire colors

HELPFUL REMINDERS (CONTINUED)

are different, only *one* connector number is used. If the same physical connector is used more than once, then more than *one* connector number is used.

3. Wiring diagrams provide a schematic picture of how and under what conditions the circuit is powered, of the current path to circuit components, and of how a circuit is grounded. Each circuit component is named (underlined titles). Wire and connector colors are listed (standard Ford color abbreviations are used):

COLOR ABBREVIATIONS

BL	**Blue**	**N**	**Natural**
BK	**Black**	**O**	**Orange**
BR	**Brown**	**PK**	**Pink**
DB	**Dark Blue**	**P**	**Purple**
DG	**Dark Green**	**R**	**Red**
GR	**Green**	**T**	**Tan**
GY	**Gray**	**W**	**White**
LB	**Light Blue**	**Y**	**Yellow**
LG	**Light Green**		

Note: Whenever a wire is labeled with two colors, the first color listed is the basic color of the wire, and the second color listed is the stripe marking of the wire.

4. When reporting Vehicle Repair Location Codes to Ford Parts and Service Division, refer to Cell 160 (beginning on page 160-1). Note: Do *not* use the illustrations in Cell 151 (beginning on page 151-1) for reporting Vehicle Repair Location Codes.

5. WARNINGS

- *Always wear safety glasses for eye protection.*
- *Use safety stands whenever a procedure requires being under a vehicle.*
- *Be sure that the* **Ignition Switch** *is always in the OFF position, unless otherwise required by the procedure.*
- *Set the park brake when working on any vehicle. An automatic transmission should be in PARK. A manual transmission should be in NEUTRAL.*
- *Operate the engine only in a well-ventilated area to avoid danger of carbon monoxide.*
- *Keep away from moving parts, especially the fan and belts, when the engine is running.*
- *To prevent serious burns, avoid contact with hot metal parts such as the radiator, exhaust manifold, tail pipe, catalytic converter and muffler.*
- *Do not allow flame or sparks near the battery. Gases are always present in and around the battery cell. An explosion could occur.*
- *Do not smoke.*
- *To avoid injury, always remove rings, watches, loose hanging jewelry and loose clothing.*

HOW TO FIND ELECTRICAL CONCERNS

TROUBLESHOOTING STEPS

These six steps present an orderly method of troubleshooting.

Step 1. Verify the concern.

- Operate the complete system to check the accuracy and completeness of the customer's complaint.

Step 2. Narrow the concern.

- Using the EVTM, narrow down the possible causes and locations of the concern to pinpoint the exact cause.
- Read the description of *How the Circuit Works* and study the wiring diagram. You should then know enough about the circuit operation to determine where to check for the trouble. Further information can be found in the Shop Manual pages listed after *How the Circuit Works*.

Step 3. Test the cause.

- Use electrical test procedures to find the specific cause of the symptoms.
- *Troubleshooting Hints* will give you helpful ideas.
- The *Component Location Charts* and the pictures will help you find components. Following each chart, there is a reference to the Location Index at the end of the manual. This index gives component location information for connectors, diodes, resistors, splices and grounds.

Step 4. Verify the cause.

- Confirm that you have found the correct cause by connecting jumper wires and/or temporarily installing a known good component and operating the circuit.

2-3 HOW TO USE THIS MANUAL

HOW TO FIND ELECTRICAL CONCERNS

Step 5. Make the repair.

- Repair or replace the inoperative component.

Step 6. Verify the repair.

- Operate the system as in Step 1 and check that your repair has removed all symptoms without creating any new symptoms.

Some engine circuits may need special test equipment and special procedures. See the *Shop Manual* and other service books for details. You will find these circuits in this manual to be helpful with these special tests.

TROUBLESHOOTING TOOLS

JUMPER WIRE

This is a test lead used to connect two points of a circuit. A Jumper Wire can complete a circuit, bypassing an open.

WARNING

Never use a jumper wire across loads (motors, etc.) connected between hot and ground. This direct battery short may cause injury or fire.

VOLTMETER

A DC Voltmeter measures circuit voltage. Connect negative (- or black) lead to ground, and positive (+ or red) lead to voltage measuring point.

OHMMETER

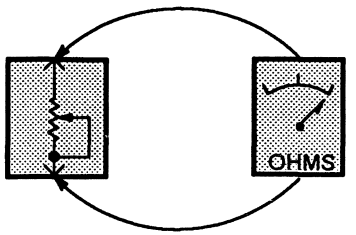


Figure 1–Resistance Check

An Ohmmeter shows the resistance between two connected points (Figure 1).

TEST LAMP

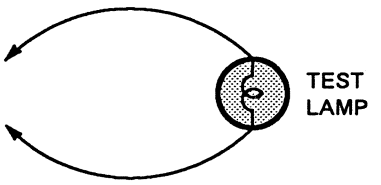


Figure 2–Test Lamp

A Test Light is a 12-volt bulb with two test leads (Figure 2).

Uses: Voltage Check, Short Check.

SELF-POWERED TEST LAMP

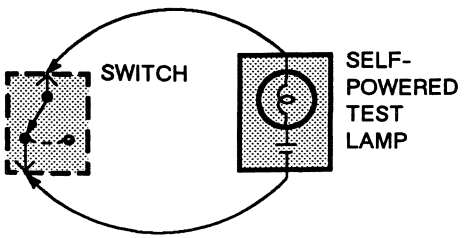


Figure 3–Continuity Check

The Self-Powered Test Lamp is a bulb, battery and set of test leads wired in series (Figure 3). When connected to two points of a continuous circuit, the bulb glows.

Uses: Continuity Check, Ground Check.

CAUTION

When using a self-powered test lamp or ohmmeter, be sure power is off in circuit during testing. Hot circuits can cause equipment damage and false readings.

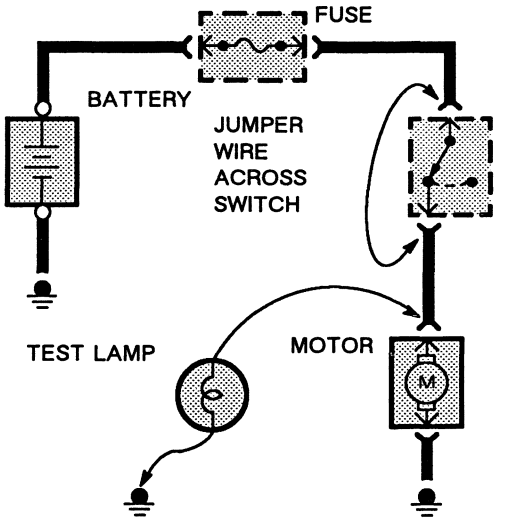


Figure 4—Switch Circuit Check and Voltage Check

In an inoperative circuit with a switch in series with the load, jumper the terminals of the switch to power the load. If jumpering the terminals powers the circuit, the switch is inoperative (Figure 4).

HOW TO FIND ELECTRICAL CONCERNS (CONTINUED)

CONTINUITY CHECK (Locating open circuits)

Connect one lead of Self-Powered Test Lamp or Ohmmeter to each end of circuit (Figure 3). Lamp will glow if circuit is closed. Switches and fuses can be checked in the same way.

VOLTAGE CHECK

Connect one lead of test lamp to a known good ground or the negative (-) battery terminal. Test for voltage by touching the other lead to the test point. Bulb goes on when the test point has voltage (Figure 4).

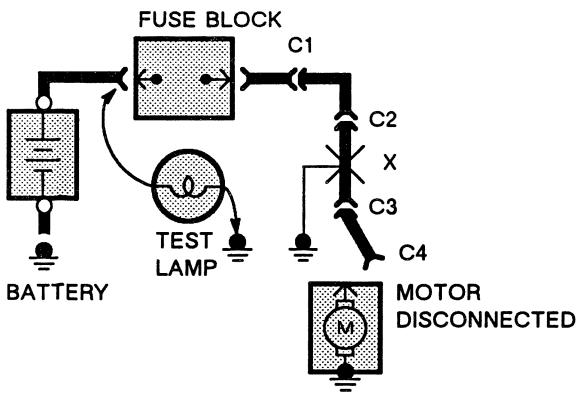


Figure 5—Short Check

A fuse that repeatedly blows is usually caused by a short to ground. It's important to be able to locate such a short quickly (Figure 5).

1. Turn off everything powered through the fuse.
2. Disconnect other loads powered through the fuse:
   - Motors: disconnect motor connector (Connector C4 in Figure 5).
   - Lights: remove bulbs.
3. Turn Ignition Switch to RUN (if necessary) to power fuse.
4. Connect one Test Lamp lead to hot end of blown fuse. Connect other lead to ground. Bulb should glow, showing power to fuse. *(This step is just a check to be sure you have power to the circuit.)*
5. Disconnect the test lamp lead that is connected to ground, and reconnect it to the load side of the fuse at the connector of the disconnected component. (In Figure 5, connect the test lamp lead to connector C4.)
   - If the Test Lamp is off, the short is in the disconnected component.
   - If the Test Lamp goes on, the short is in the wiring. You must find the short by disconnecting the circuit connectors, one at a time, until the Test Lamp goes out. For example, in Figure 5 with a ground at X, the bulb goes out when C1 or C2 is disconnected, but after disconnecting C3. This means the short is between C2 and C3.

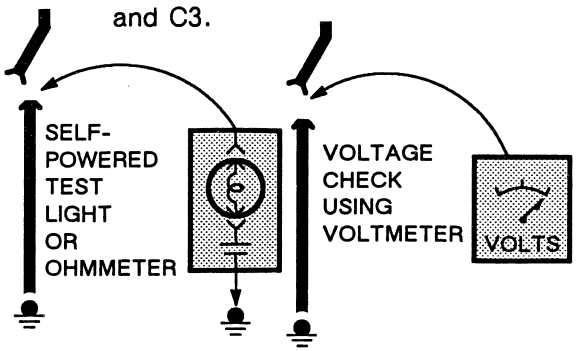


Figure 6—Ground Check

Turn on power to the circuit. Perform a Voltage Check between the suspected inoperative ground and the frame. Any indicated voltage means that the ground is inoperative (Figure 6).

Turn power to the circuit. Connect one lead of a Self-Powered Test Lamp or Ohmmeter to the wire in question and the other lead to a known ground. If the bulb glows, the circuit ground is OK (Figure 6).

TROUBLESHOOTING HINTS

The circuit schematics in this manual make it easy to identify common points in circuits. This knowledge can help narrow the concern to a specific area. For example, if several circuits fail at the same time, check for a common power or ground connection (see *Power Distribution* or *Grounds*). If part of a circuit fails, check the connections between the part that works and the part that doesn't work.

For example, if lo beam headlamps work, but high beams and the indicator lamp don't work, then power and ground paths must be good. Since the dimmer switch is the component that switches this power to the high beam lights and indicator, it is most likely the cause of failure.

Troubleshooting Hints unique to a particular circuit are given in a three column format. Included in the charts are conditions that may develop, possible causes, and one or more tests that can be done quickly to determine the cause of the condition.

2-5 HOW TO USE THIS MANUAL

HOW TO FIND THE VACUUM CONCERNS

These six steps present an orderly method of troubleshooting.

Step 1. Verify the concern.

- Operate the system and observe all symptoms to check the accuracy and completeness of the customer's complaint.

Step 2. Narrow the concern.

- Using the EVTM, narrow down the possible causes and locations of the concern to pinpoint the exact cause.

Step 3. Test the cause.

- Use test procedures to find the specific cause of the symptoms.

Step 4. Verify the cause.

- Confirm that you have found the right cause by operating the parts of the circuit you think are good.

Step 5. Make the repair.

- Repair or replace the inoperative component.

Step 6. Verify the repair.

- Operate the system as in Step 1. Check that your repair has removed all symptoms without creating any new symptoms.

NOTE: Vacuum system problems fall into three groups.

1. Leaks in hoses, connectors or motor diaphragms.
2. Pinched lines or clogged valves.
3. Inoperative parts driven by vacuum motors.

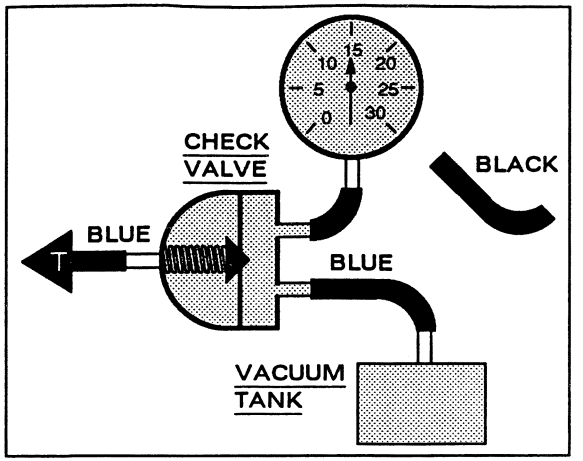


Figure 1 – System Supply Test

Vacuum Supply Test

1. Connect Vacuum Tester to system side of Check Valve (Figure 1).
2. Start engine. Gauge should show approximately 15 inches of vacuum.
3. Turn off engine, and observe gauge:
   - If vacuum holds, supply OK.
   - If vacuum fails, replace Check Valve or Tank.

Leak Test

1. Connect Vacuum Gauge and Vacuum Pump (Figure 2) to system hose in place of tank.
2. Open valve and start pump. Operate control in all modes.
3. Listen for hiss and observe gauge.

NOTE: Hissing is normal at Function Control when changing modes.

If system hisses or loses vacuum, find system leak as follows:

1. Turn on Vacuum Pump and check vacuum build-up.
2. Stop pump; vacuum should drop.
3. Clamp supply hoses with needlenose pliers, one at a time, until vacuum stops dropping (Figure 2).
4. Check vacuum schematic to find components in that line.
5. Clamp hoses through circuit to find leak.

Component Test

1. Connect Vacuum Tester to component.
2. Pump Vacuum Tester. Check that all components operate correctly and vacuum holds.
3. Replace component if vacuum does not hold.

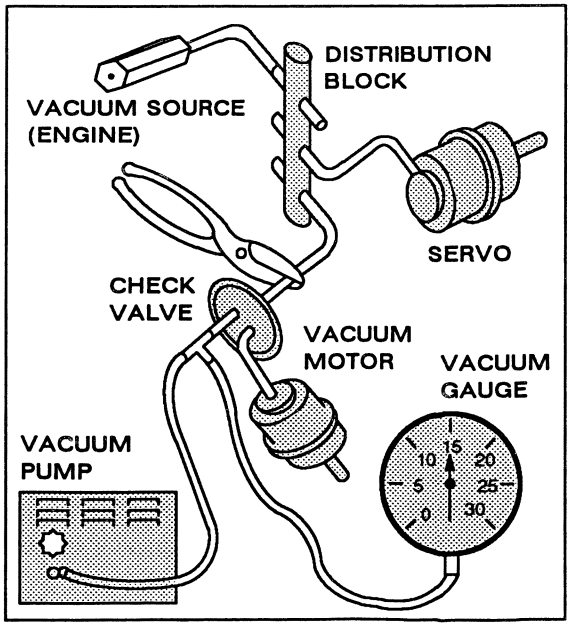
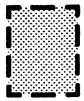
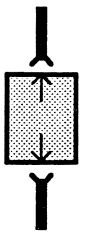


Figure 2 – Testing For Leaks In Typical Vacuum System

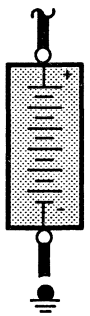
ELECTRICAL SYMBOLS



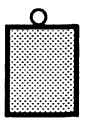
DASHED COMPONENT BOX
ONLY PART OF THE COMPONENT IS SHOWN ON THE PAGE; THE COMPONENT IS SHOWN COMPLETE IN ANOTHER LOCATION



COMPONENT WITH CONNECTORS



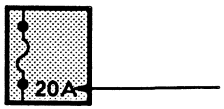
BATTERY



SCREW TERMINAL ON COMPONENT

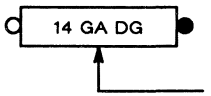
SEALED ELECTRONIC COMPONENT
ANY CIRCUITRY SHOWN INSIDE THE BOX IS A FUNCTIONAL EQUIVALENT ONLY AND IS NOT EXACT

GROUND CONNECTION



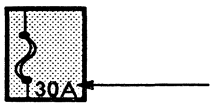
FUSE

CURRENT RATING



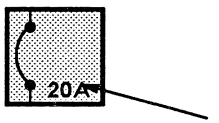
FUSIBLE LINK

WIRE SIZE AND COLOR



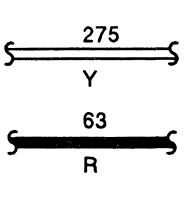
FUSIBLE LINK CARTRIDGE

CARTRIDGE CURRENT RATING

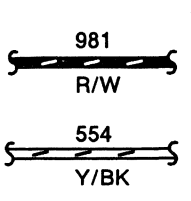


CIRCUIT BREAKER

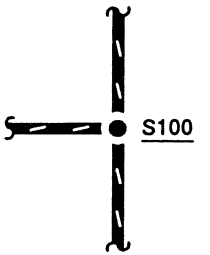
CURRENT RATING



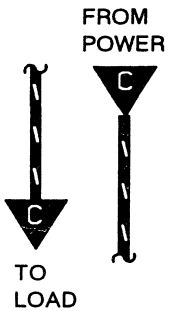
SOLID WIRES



STRIPED WIRES



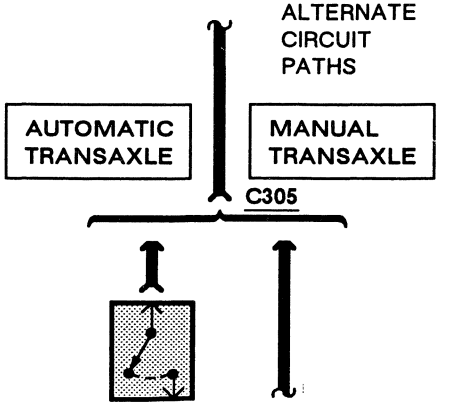
SPLICE OR CRIMP TERMINAL



"CUT" WIRES REFERENCED BETWEEN PAGES
ARROWS SHOW CURRENT FLOW FROM POWER TO GROUND

BACKUP LIGHTS

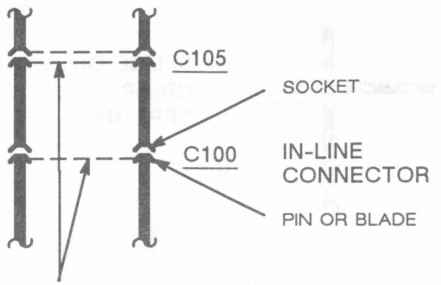
"REFERENCE" WIRES
COMPLETE WIRING SHOWN ON ANOTHER PAGE



ALTERNATE CIRCUIT PATHS

2-7 HOW TO USE THIS MANUAL

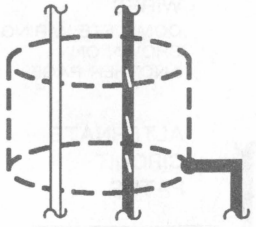
ELECTRICAL SYMBOLS



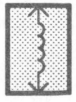
SINGLE OR DOUBLE DASHED LINE INDICATES THAT WIRE ON LEFT ALSO PASSES THROUGH THE SAME CONNECTOR

DASHED WIRE
CIRCUITRY IS NOT SHOWN IN COMPLETE DETAIL, BUT IS COMPLETE ON ANOTHER PAGE

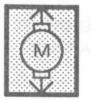
SEE GROUNDS
PAGES 10-1, 10-2



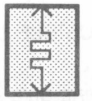
SHIELD
WIRES ARE COVERED BY A SHIELD



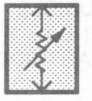
FIELD COIL OR CHOKE



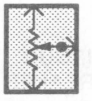
MOTOR



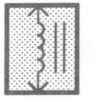
HEATING ELEMENT



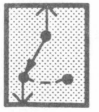
THERMISTOR



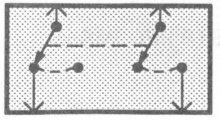
RHEOSTAT OR POTENTIOMETER



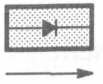
SOLENOID



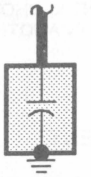
SWITCH



GANGED SWITCHES
CONTACTS MOVE AT THE SAME TIME

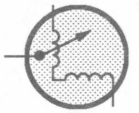


DIODES
CURRENT FLOWS IN DIRECTION OF ARROW ONLY



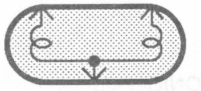
CAPACITOR

TRANSISTOR

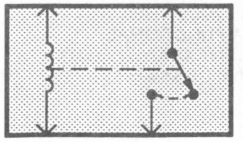


GAUGE

LIGHT BULB

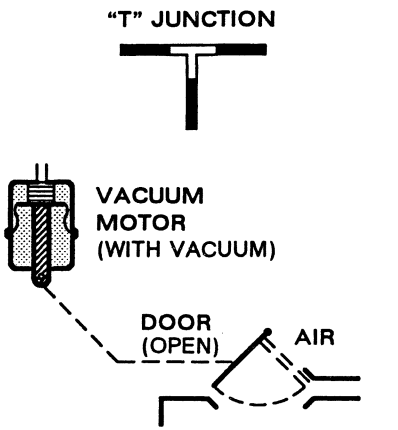


DUAL FILAMENT LIGHT BULB



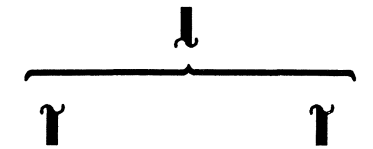
RELAY
CONTACTS CHANGE POSITION WITH CURRENT THROUGH COIL

VACUUM SYMBOLS



VACUUM ON VACUUM MOTOR PULLS DOOR OPEN TO LET AIR PASS THROUGH

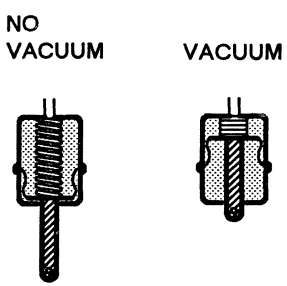
"CUT" HOSES REFERENCED BETWEEN PAGES
ARROW SHOWS FROM MANIFOLD FITTING TO COMPONENT



NOTE
Other vacuum symbols used on vacuum system diagrams are fully explained on those pages.

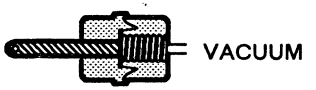
VACUUM MOTOR OPERATION

SINGLE DIAPHRAGM MOTOR



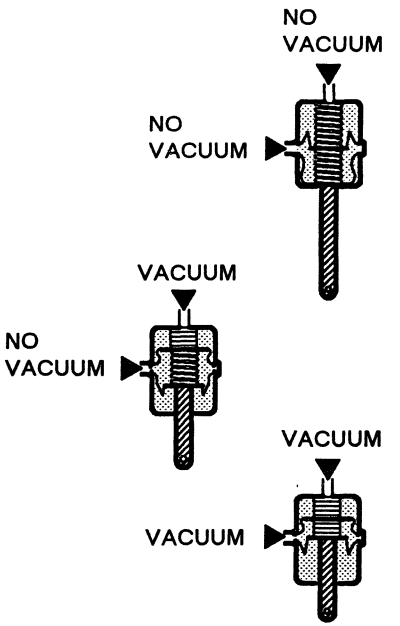
Vacuum motors operate like electrical solenoids, mechanically pushing or pulling a shaft between two fixed positions. When vacuum is applied, the shaft is pushed all the way out by a spring.

SERVO MOTOR



Some vacuum motors, such as the Servo Motor in the Speed Control, can position the actuating arm at any position between fully extended and fully retracted. The Servo is operated by a control valve that applies varying amounts of vacuum to the motor. The higher the vacuum level, the greater the retraction of the motor arm. Servo Motors work nearly the same way as two-position motors, except for the way the vacuum is applied. Servo Motors are generally larger and provide a calibrated control.

DOUBLE DIAPHRAGM MOTOR



A double diaphragm motor has three positions (it is actually two motors in one housing). When the top port gets vacuum, the shaft pulls halfway in. When both ports get vacuum, the shaft pulls all the way in.

SECTION 10

GROUNDS

HOW THE CIRCUIT WORKS

The ground circuits show how many different systems may share a common ground point.

While all of the ground circuits shown are shown complete, additional ground circuits may exist in the vehicle. Any ground circuit not shown in Cell 10 is shown complete in the appropriate system schematic.

All wires are 57 (BK) unless otherwise noted.

SECTION 12

CHARGING SYSTEM

HOW THE CIRCUIT WORKS

The Alternator is belt-driven by the engine. Field current is supplied from the Integral Alternator Regulator (IAR), mounted on the rear of the Alternator, to the rotating field of the Alternator, through two brushes and two slip rings.

The Alternator produces power in the form of alternating current. The alternating current is rectified to direct current by six diodes. The Alternator Regulator automatically adjusts the Alternator field current to maintain the Alternator output voltage within prescribed limits to correctly charge the Battery. The Alternator is self-current limiting.

The regulator voltage control circuit is turned on when the Ignition Switch is in START or RUN and voltage is applied to Regulator terminal I through a resistor in parallel with the Charge Indicator. When the Ignition Switch is OFF, the control circuit is turned OFF and no field current flows to the Alternator.

The Charge Indicator is connected across the terminals of a 500-ohm resistor in the Instrument Cluster. Current passes through the Indicator when the Ignition Switch is in START or RUN and there is no voltage at terminal S. When voltage at terminal S rises to a preset value, the regulator switching circuits stop the flow of current into terminal I and the indicator turns OFF.

System voltage is "sensed" at Regulator terminal A. The regulator switching circuits turn the warning indicator ON to indicate a system fault if terminal A voltage is excessively high or low or if the voltage at terminal S is below a preset value.

A Fuse Link is included in the charging system wiring on all models. The Fuse Link prevents damage to the wiring harness and Alternator if the wiring harness should become grounded or if a booster battery is improperly connected to the charging system.

TROUBLESHOOTING HINTS

CONDITION	POSSIBLE CAUSE	ACTION
• Battery doesn't stay charged.	• Open or poor connections at Alternator output.	• Check that connectors or terminals on Alternator and Starter Relay are clean and tight. • Check Fuse Links E and F.
• Charge Indicator is always on.	• Loose Alternator drive belt. • Corroded battery terminals. • Inoperative Integral Alternator Regulator.	• Check Alternator belt tension. • Check that battery post terminals are clean. Check that terminals cannot be easily turned by hand on battery posts. • Check Alternator.

SECTION 44 (cont'd)

For further diagnostic information, refer to Sections 13-06 and 13-07 of the Shop Manual.

SECTION 46

AIR BAG RESTRAINT SYSTEM

HOW THE CIRCUIT WORKS

The Air Bag Restraint System consists of a driver air bag, an Air Bag Diagnostic Module and Crash Sensors.

Air Bag Diagnostic Module

The Air Bag Diagnostic Module contains a microcomputer that monitors electrical system components and connections. The assembly performs a self-check of the microcomputer's internal circuits and energizes the Air Bag Indicator lamp during prove out and whenever a fault occurs. Eleven different faults can be detected and translated into a coded lamp display. If certain faults occur, the system will be disarmed by a firing disarm device built into the Diagnostic Module. If a system fault exists and the lamp is malfunctioning, an audible tone will be heard, indicating the need for service.

Sensors

The Sensor assembly is an electrical switch that reacts to impacts according to direction and force. It discriminates between impacts that require air bag inflation and impacts that do not require air bag inflation. When an impact occurs that requires air bag inflation, the sensor contacts close, completing the electrical circuit: the system then operates.

Four crash sensors are mounted in the vehicle. At least two sensors, one safing, one forward, must be activated to inflate the air bag.

Warning
Do not attempt to diagnose or troubleshoot air bag circuitry without consulting the shop manual. Improper troubleshooting could cause the air bag to fire inadvertently, causing injury.

For further diagnostic information, refer to Section 01-20 of the Shop Manual.

SECTION 53

HEATER

HOW THE CIRCUIT WORKS

Airflow

The heater assembly is a blend air system that receives outside air through the blower inlet, which is connected directly to an opening in the upper cowl. Outside air is drawn into the system from the cowl, through the blower inlet, into the blower housing. It is forced through and/or around the heater core, mixed, and then discharged through outlets in the discharged air duct to the floor area or through the defroster outlets and/or instrument panel registers, depending upon the type of climate control desired. Several doors determine the amount of air that goes through the heater core and the particular outlet(s) through which it discharges.

SECTION 100 (cont'd)

TROUBLESHOOTING HINTS–CONVERTIBLE

CONDITION	POSSIBLE CAUSE	ACTION
• None of the Power Windows operate.	• No voltage at 194 (PK) wire of Window Safety Relay.	• Check Circuit Breaker 14.
	• No voltage at 171(BK/W) wire of Window Safety Relay or Master Window Control Switch.	• Check In-line Circuit Breaker and wiring. • Check by comparing with known good switch.
	• Inoperative Window Safety Relay.	• Check relay.
	• No continuity of 57(BK) wires from Master Window Control Switch to ground.	• Repair opens in 57(BK) wires and check connections.
	• Inoperative Master Window Control Switch.	• Check by comparing with known good switch.

For further diagnostic information, refer to Section 01-11 of the Shop Manual.

SECTION 102

CONVERTIBLE TOP

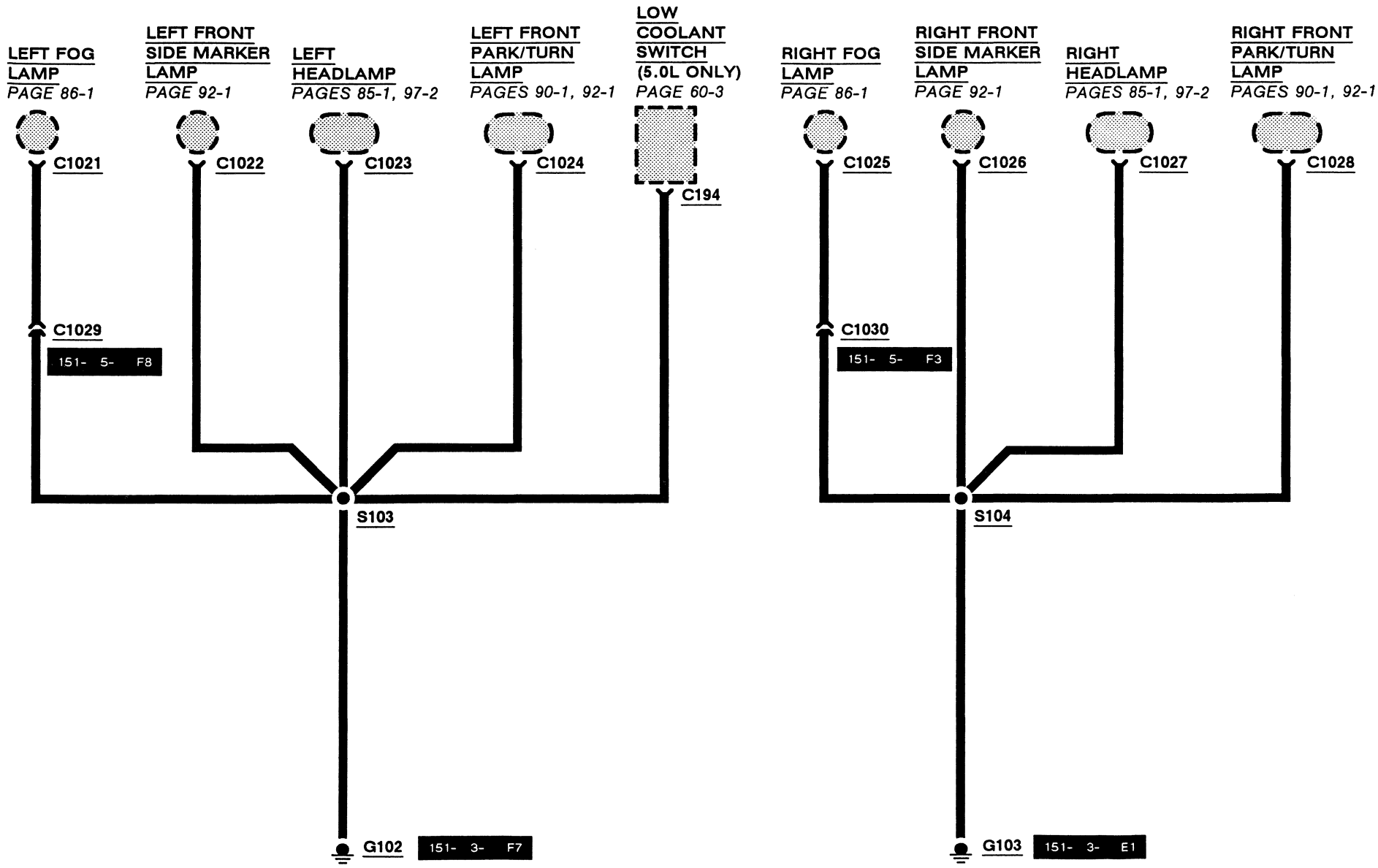
HOW THE CIRCUIT WORKS

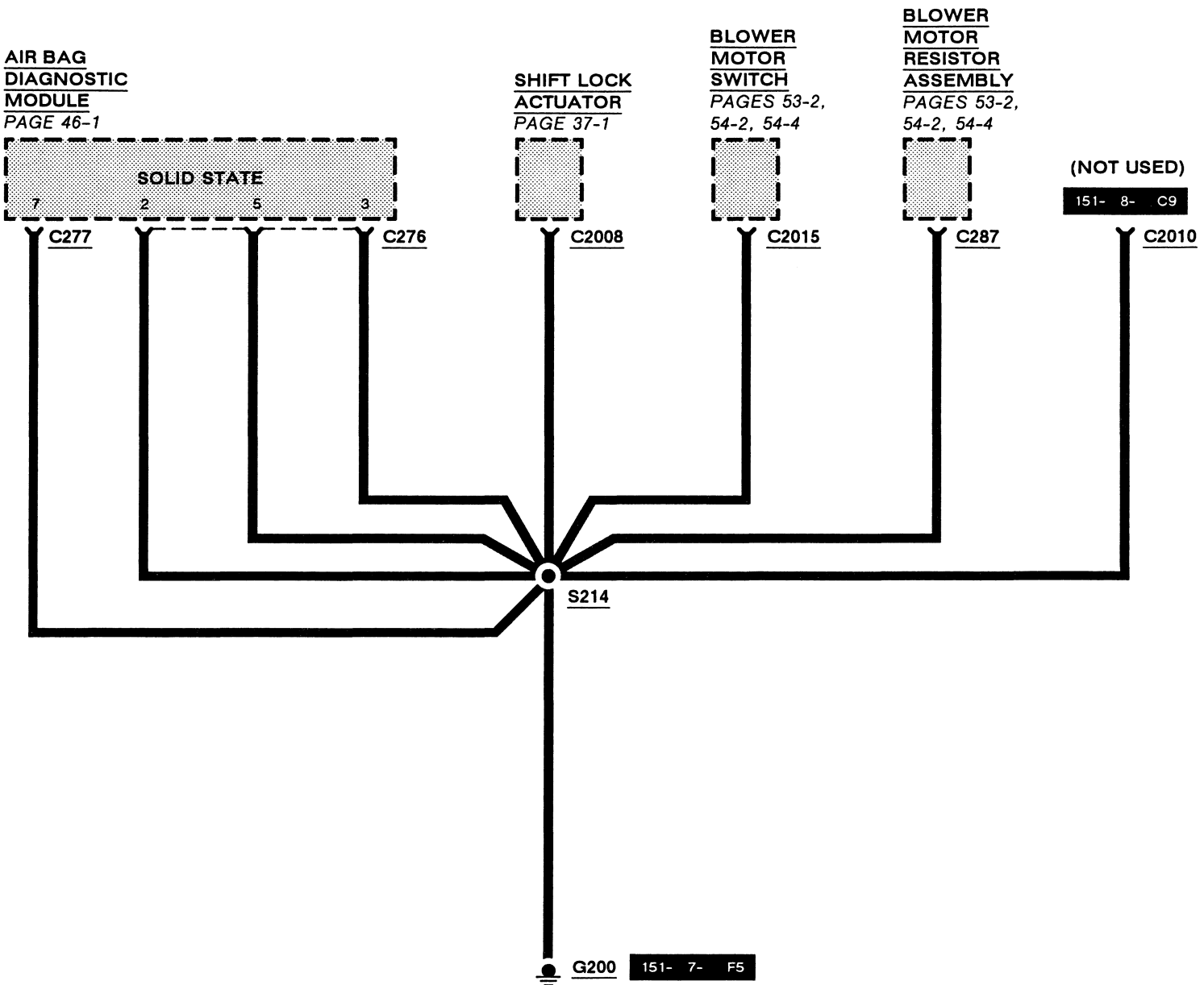
With the Ignition Switch in RUN, voltage is available through Fuse 5 to the Convertible Top Switch. When the RAISE side of the switch is depressed, voltage is applied through the switch to energize the Raise Relay. Voltage is then applied through Fuse Link C, Fuse 12 and the Raise Relay contact to the Convertible Top Motor.

When the LOWER side of the switch is depressed, the Lower Relay is energized. Voltage from Fuse Link C is then applied through Fuse 12 and the Lower Relay contacts to the Convertible Top Motor.

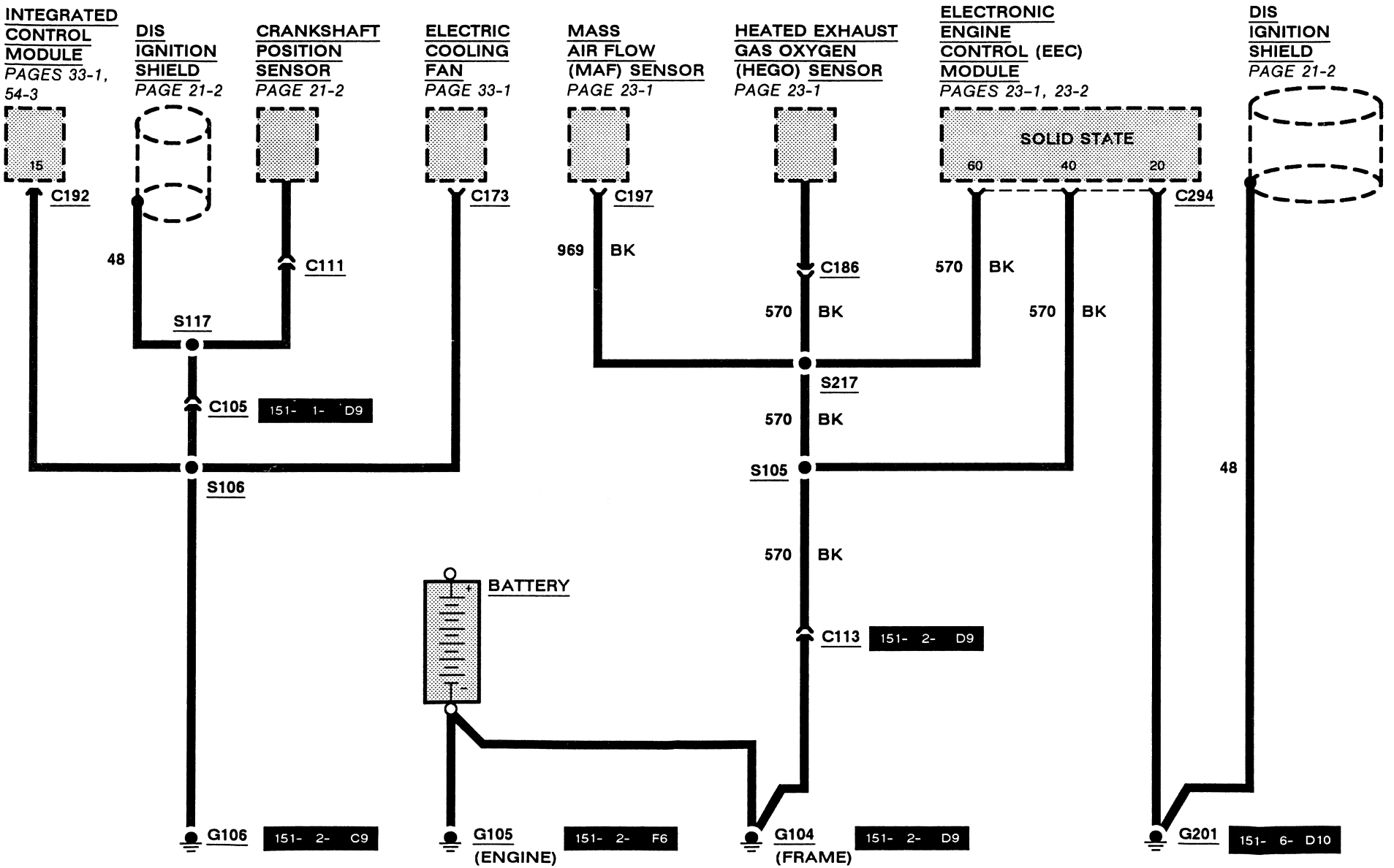
10-1 GROUNDS

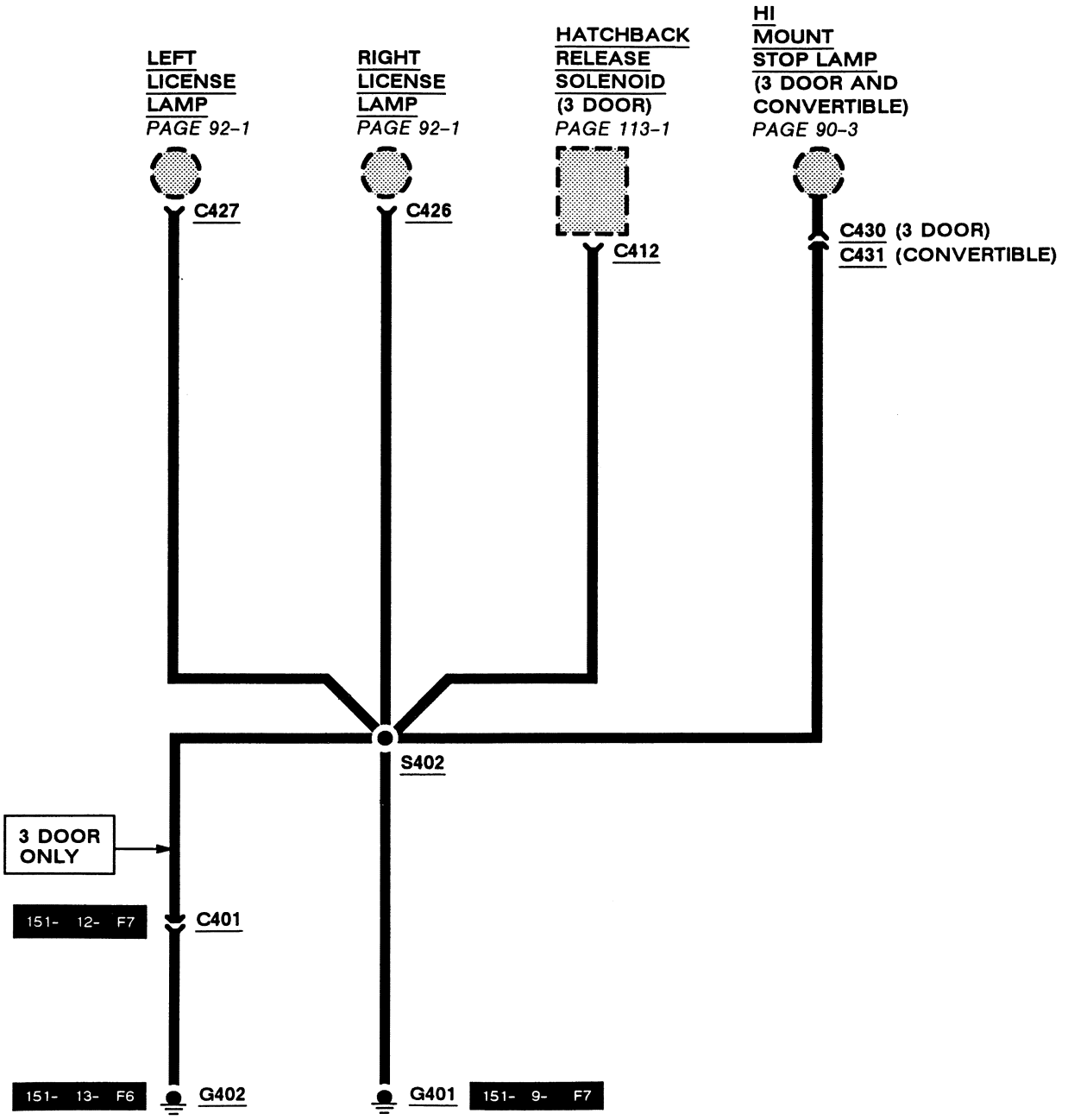
Refer to page 7-1 for Troubleshooting/Descriptions.




AIR BAG DIAGNOSTIC MODULE
PAGE 46-1
SOLID STATE
7
2
5
3
C277
C276
SHIFT LOCK ACTUATOR
PAGE 37-1
C2008
BLOWER MOTOR SWITCH
PAGES 53-2, 54-2, 54-4
C2015
BLOWER MOTOR RESISTOR ASSEMBLY
PAGES 53-2, 54-2, 54-4
C287
(NOT USED)
151- 8- C9
C2010
S214
G200
151- 7- F5

2.3L


INTEGRATED CONTROL MODULE
PAGES 33-1, 54-3
15
C192
DIS IGNITION SHIELD
PAGE 21-2
48
S117
CRANKSHAFT POSITION SENSOR
PAGE 21-2
C111
ELECTRIC COOLING FAN
PAGE 33-1
C173
C105
151- 1- D9
S106
MASS AIR FLOW (MAF) SENSOR
PAGE 23-1
C197
969 BK
HEATED EXHAUST GAS OXYGEN (HEGO) SENSOR
PAGE 23-1
C186
570 BK
S217
570 BK
S105
570 BK
ELECTRONIC ENGINE CONTROL (EEC) MODULE
PAGES 23-1, 23-2
SOLID STATE
60 40 20
C294
570 BK
570 BK
DIS IGNITION SHIELD
PAGE 21-2
48
BATTERY
C113
151- 2- D9
G106
151- 2- C9
G105
(ENGINE)
151- 2- F6
G104
(FRAME)
151- 2- D9
G201
151- 6- D10

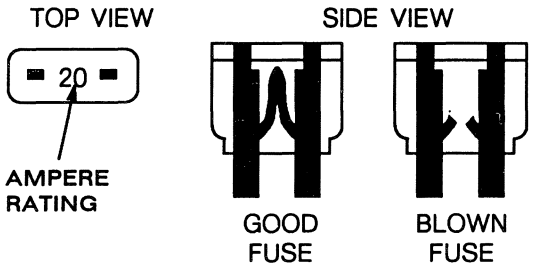

LEFT LICENSE LAMP
PAGE 92-1
C427
RIGHT LICENSE LAMP
PAGE 92-1
C426
HATCHBACK RELEASE SOLENOID (3 DOOR)
PAGE 113-1
C412
HI MOUNT STOP LAMP (3 DOOR AND CONVERTIBLE)
PAGE 90-3
C430 (3 DOOR)
C431 (CONVERTIBLE)
S402
3 DOOR ONLY
151- 12- F7
C401
151- 13- F6
G402
G401
151- 9- F7

11-1 CIRCUIT PROTECTION/FUSE PANEL

CIRCUIT PROTECTION DEVICES

Electrical circuits on this vehicle may be protected by fuses, fusible links, maxi-fuse cartridges, circuit breakers, or a combination of these devices.

BLADE TYPE FUSE

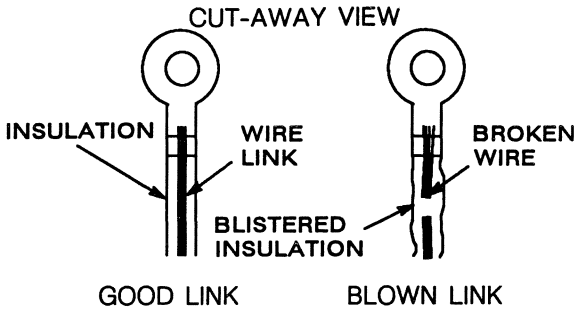


Blade type fuses have a transparent plastic housing. To check a fuse, pull it from the fuse panel and look at the fuse element through the housing. Always replace a blown fuse with a new fuse that has the same ampere rating.

The ampere rating of a blade type fuse can also be determined by following the color code shown here:

BLADE FUSE COLOR CODING	
AMPERE RATING	HOUSING COLOR
4	Pink
5	Tan
10	Red
15	Light Blue
20	Yellow
25	Natural
30	Light Green

FUSIBLE LINK



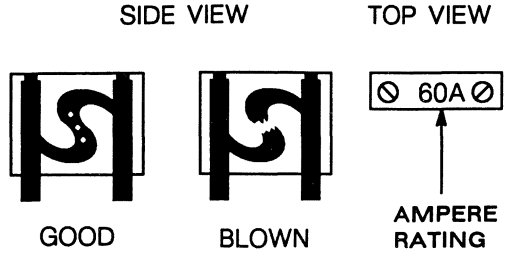
Fusible links are short lengths of wire that are smaller in diameter than the wires they are protecting. Fusible link wire is covered with a special thick, non-flammable insulation. An overload condition causes the insulation to blister. If the overload condition continues, the wire link will melt. To check a fusible link, look for blistered insulation. If the insulation is okay, pull lightly on the wire; If the fusible link stretches, the wire has melted.

When replacing fusible links, first cut the protected wire where it is connected to the fusible link. Then, tightly crimp or solder the new link to the protected wire.

Fusible links are often identified by color coding of the insulation, as shown here:

FUSIBLE LINK COLOR CODING	
WIRE LINK SIZE	INSULATION COLOR
20 GA	Blue
18 GA	Brown or Red
16 GA	Black or Orange
14 GA	Green
12 GA	Gray

MAXI-FUSE CARTRIDGE



Maxi-fuse cartridges have a transparent colored plastic housing. To check a maxi-fuse cartridge, look at the fuse element through the side of the housing.

To replace a maxi-fuse cartridge, pull it from the fuse box or panel. Always replace a blown maxi-fuse cartridge with a new one having the same ampere rating.

The ampere rating of a maxi-fuse cartridge can also be determined by following the color code shown here:

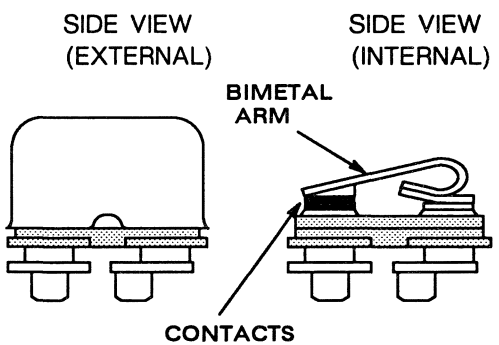
FUSIBLE LINK CARTRIDGE COLOR CODING	
AMPERE RATING	HOUSING COLOR
30	Light Green
40	Amber
50	Red
60	Blue

CIRCUIT BREAKER

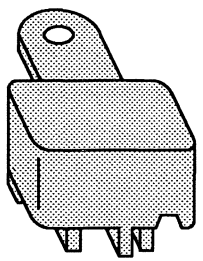
Some circuits are protected by circuit breakers (abbreviated "c. b." in fuse chart). They can be Fuse Panel mounted or in-line. Like fuses, they are rated in amperes.

Each circuit breaker conducts current through an arm made of two types of metal bonded together (bimetal arm). If the arm starts to carry too much current, it heats up. As one metal expands faster than the other the arm bends, opening the contacts. Current flow is broken. A circuit breaker can be the cycling or non-cycling type.

FUSE PANEL MOUNTED CYCLING TYPE

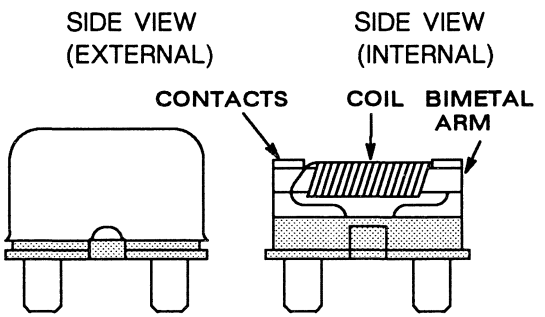


IN-LINE MOUNTED CYCLING TYPE

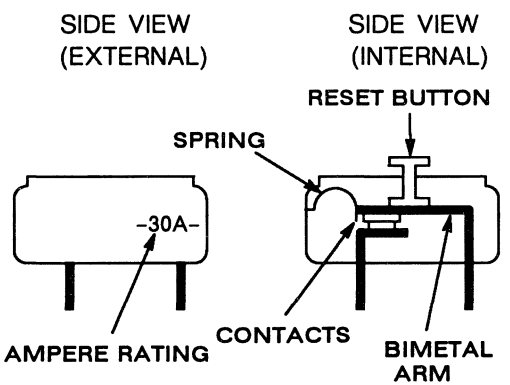


In the cycling type, the bimetal arm cools and straightens out. This cycle repeats as long as the overcurrent exists and power is applied.

FUSE PANEL MOUNTED NON-CYCLING TYPE



FUSE PANEL MOUNTED MANUAL RESET TYPE



Two types of non-cycling circuit breakers are used; one is reset by removing power from the circuit, and the other is reset by depressing a reset button.

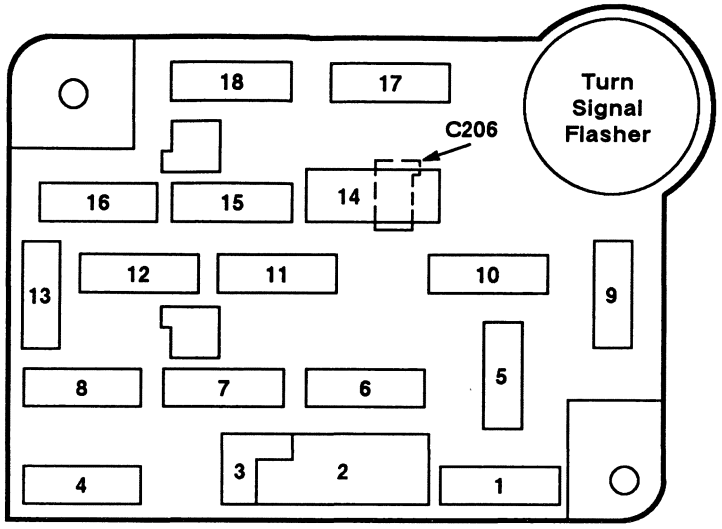
In the first type, there is a coil wrapped around the bimetal arm. When an overcurrent exists and the contacts open, a small current passes through the coil. This current through the coil is not enough to operate a load, but it does heat up both the coil and the bi-metal arm. This keeps the arm in the open position until power is removed.

In the second type, a spring pushes the bi-metal arm down and holds the contacts together. When an overcurrent condition exists and the bimetal arm heats up, the bimetal arm bends enough to overcome the spring and the contacts snap open. The contacts stay open until the reset button is pushed and the contacts snap together again.

DIODE

Diodes are electrical devices that permit current to flow in one direction only. The current flows in the direction indicated by the arrow.

11-3 CIRCUIT PROTECTION/FUSE PANEL



Fuse Value Amps	Color Code
4	Pink
5	Tan
10	Red
15	Light Blue
20	Yellow
25	Natural
30	Light Green

Power Distribution

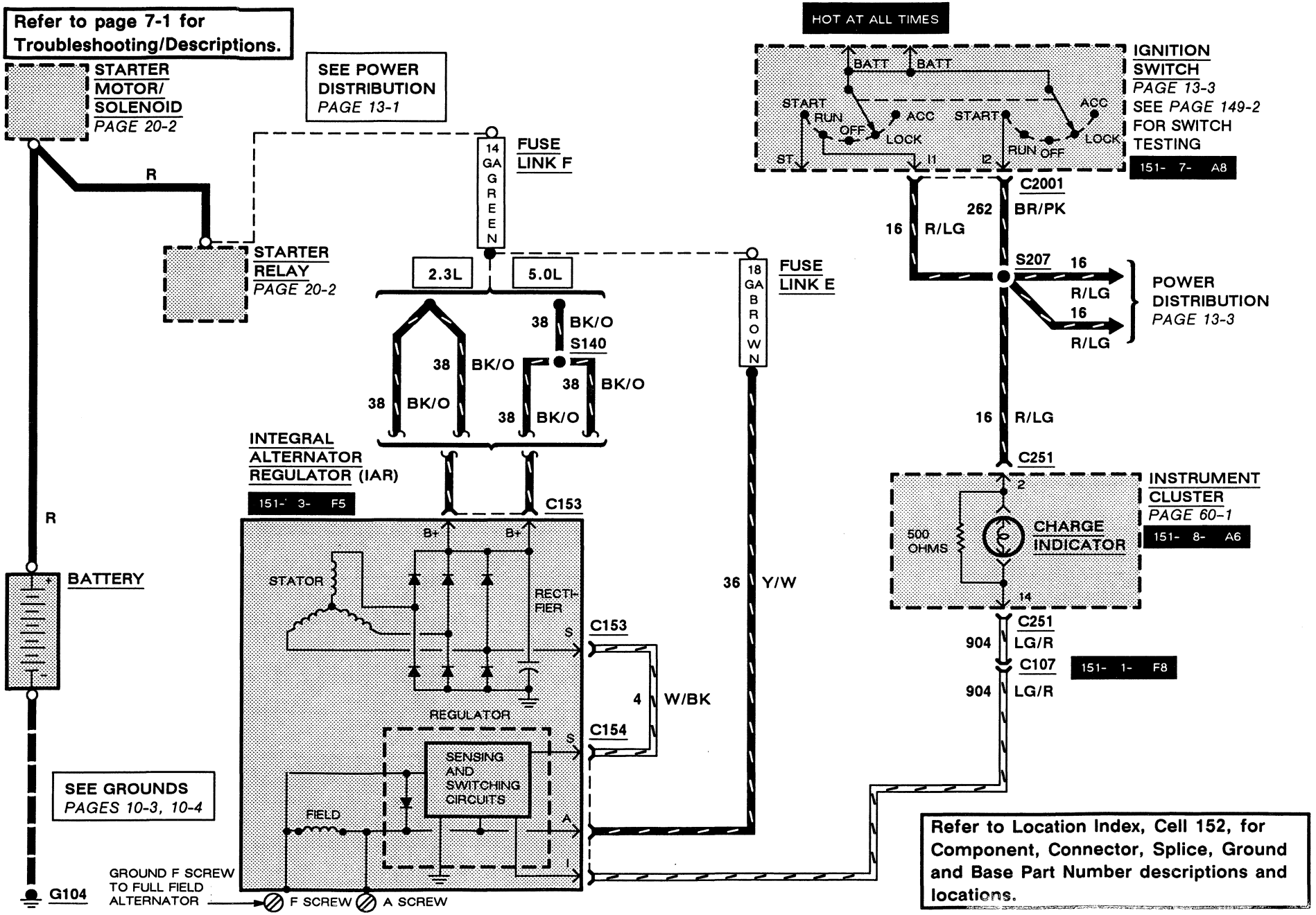
The Alternator and Battery are connected together at the Starter Relay hot terminal. Other circuits originate at the Starter Relay hot terminal and are protected by fuse links. Low power circuits are also protected by fuses.

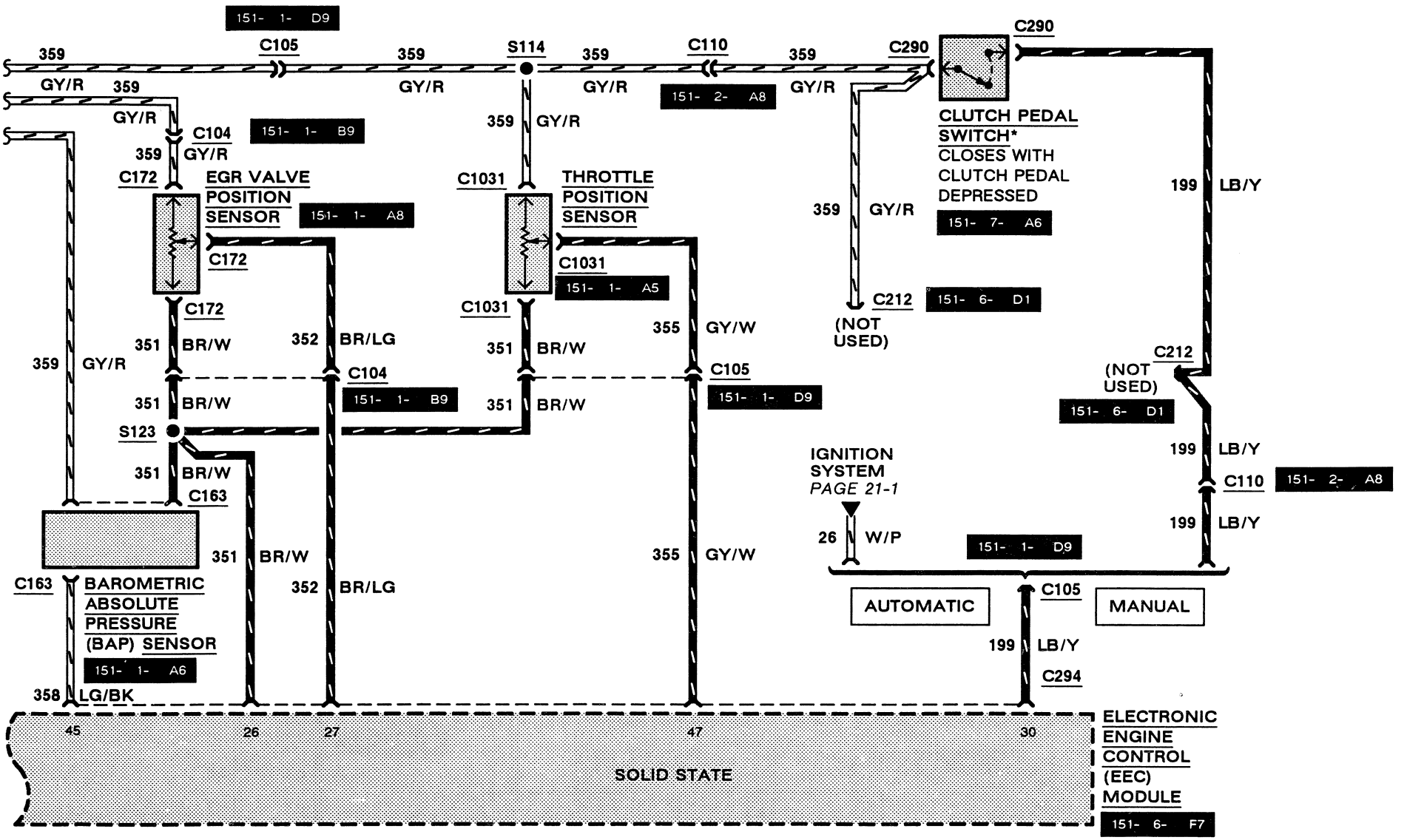
The Ignition Switch and Headlamp Switch are powered at all times, as are fuses 1, 4, 7, 8, 10, 12 and 16. The other fuses are powered through the Ignition Switch or the Main Light Switch.

Positions 3 and 17 are not used.

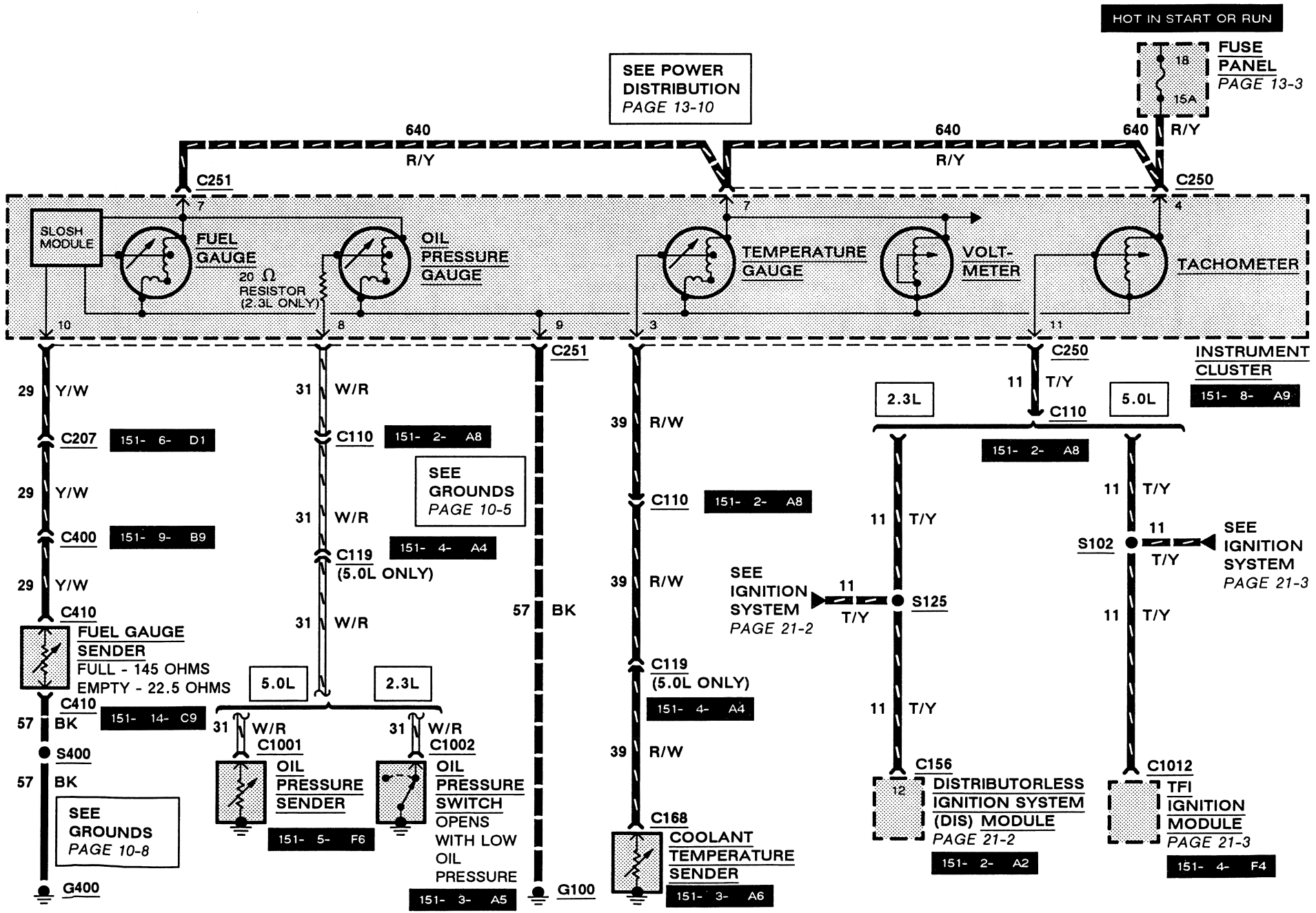
Fuse Position	Amps	Circuits Protected
1	15	Stop/Hazard Lamps, Speed Control, Shift Lock
2	15	Interval Wiper/Washer
3	—	(Not Used)
4	15	Exterior Lamps, Instrument Illumination, Warning Chime
5	15	Turn Signals, Backup Lamps, Rear Window Defrost, Convertible Top, Daytime Running Lamps (DRL), Shift Lock
6	20	Instrument Illumination, A/C-Heater, Trunk Lid Release, Speed Control
7	15	Air Bag Restraint System
8	15	Courtesy Lamps, Radio, Warning Chime, Power Mirror
9	30	A/C-Heater
10	20	Flash-to-Pass, Daytime Running Lamps (DRL)
11	15	Radio
12	15	Convertible Top
13	5	Instrument Illumination
14	20 c.b.	Power Windows
15	15	Fog Lamps
16	20	Cigar Lighter, Horn
17	—	(Not Used)
18	15	Instrument Cluster, Air Bag Restraint System, Warning Chime, Low Oil Level Warning Relay

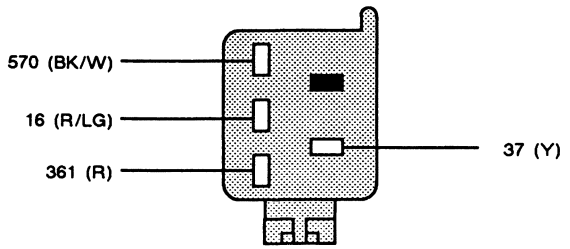
12-1 CHARGING SYSTEM





Refer to Location Index, Cell 152, for Component, Connector, Splice, Ground and Base Part Number descriptions and locations.

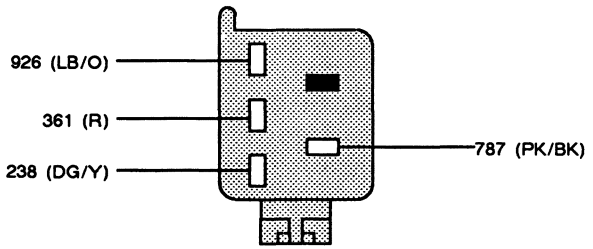

HOT IN START OR RUN
FUSE PANEL
PAGE 13-3
18
15A
SEE POWER DISTRIBUTION
PAGE 13-10
640 R/Y
640 R/Y
640 R/Y
C251
C250
SLOSH MODULE
FUEL GAUGE
20 Ω RESISTOR (2.3L ONLY)
OIL PRESSURE GAUGE
TEMPERATURE GAUGE
VOLT-METER
TACHOMETER
INSTRUMENT CLUSTER
151- 8- A9
29 Y/W
C207 151- 6- D1
29 Y/W
C400 151- 9- B9
29 Y/W
C410
FUEL GAUGE SENDER
FULL - 145 OHMS
EMPTY - 22.5 OHMS
C410 151- 14- C9
57 BK
S400
57 BK
SEE GROUNDS PAGE 10-8
G400
31 W/R
C110 151- 2- A8
SEE GROUNDS PAGE 10-5
31 W/R
C119 (5.0L ONLY) 151- 4- A4
31 W/R
5.0L
2.3L
31 W/R C1001
OIL PRESSURE SENDER
151- 5- F6
31 W/R C1002
OIL PRESSURE SWITCH
OPENS WITH LOW OIL PRESSURE
151- 3- A5
C251
57 BK
G100
39 R/W
C110 151- 2- A8
39 R/W
C119 (5.0L ONLY) 151- 4- A4
39 R/W
C168
COOLANT TEMPERATURE SENDER
151- 3- A6
SEE IGNITION SYSTEM PAGE 21-2
11 T/Y
S125
11 T/Y
C156
12
DISTRIBUTORLESS IGNITION SYSTEM (DIS) MODULE
PAGE 21-2
151- 2- A2
C250
11 T/Y
C110
151- 2- A8
2.3L
5.0L
11 T/Y
11 T/Y
S102
11 T/Y
SEE IGNITION SYSTEM PAGE 21-3
11 T/Y
C1012
TFI IGNITION MODULE
PAGE 21-3
151- 4- F4



C293

EEC POWER RELAY

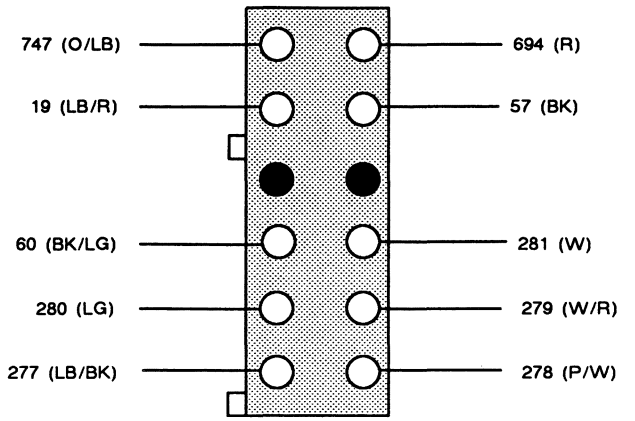
(5.0L ONLY)



C2027

FUEL PUMP RELAY

(5.0L ONLY)

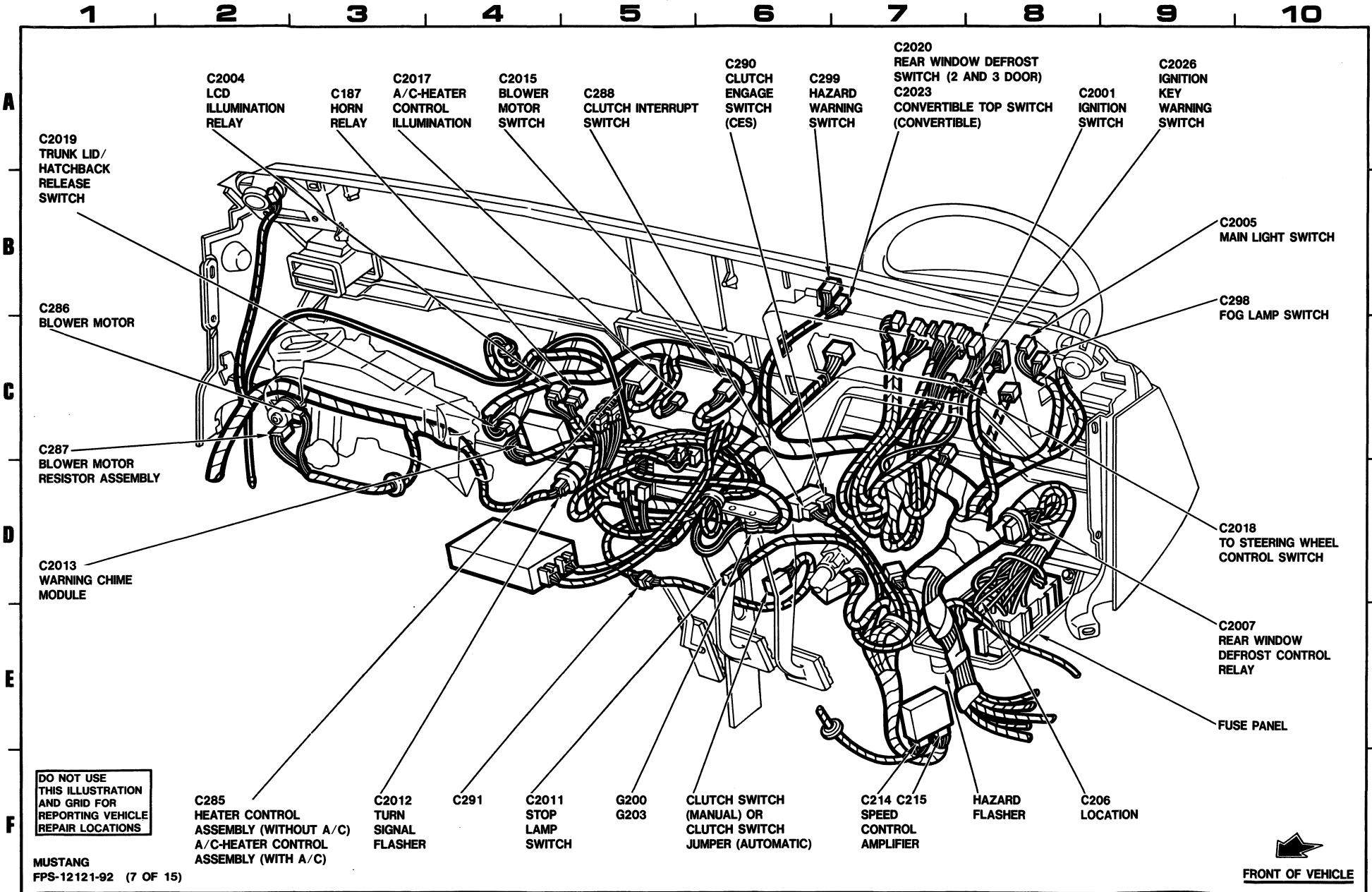


C2030

GRAPHIC EQUALIZER

PIN NUMBER	CIRCUIT	CIRCUIT FUNCTION
1	747 (O/LB)	Radio
2	19 (LB/R)	Instrument Dimming
3	—	NOT USED
4	60 (BK/LG)	Cable Shield Ground
5	280 (LG)	Left Front Speaker Signal (+)
6	277 (LB/BK)	Left Rear Speaker Signal (+)
7	278 (P/W)	Right Rear Speaker Signal (+)
8	279 (W/R)	Right Front Speaker Signal (+)
9	281 (W)	Speaker Common
10	—	NOT USED
11	57 (BK)	Illumination Ground
12	694 (R)	Power Ground

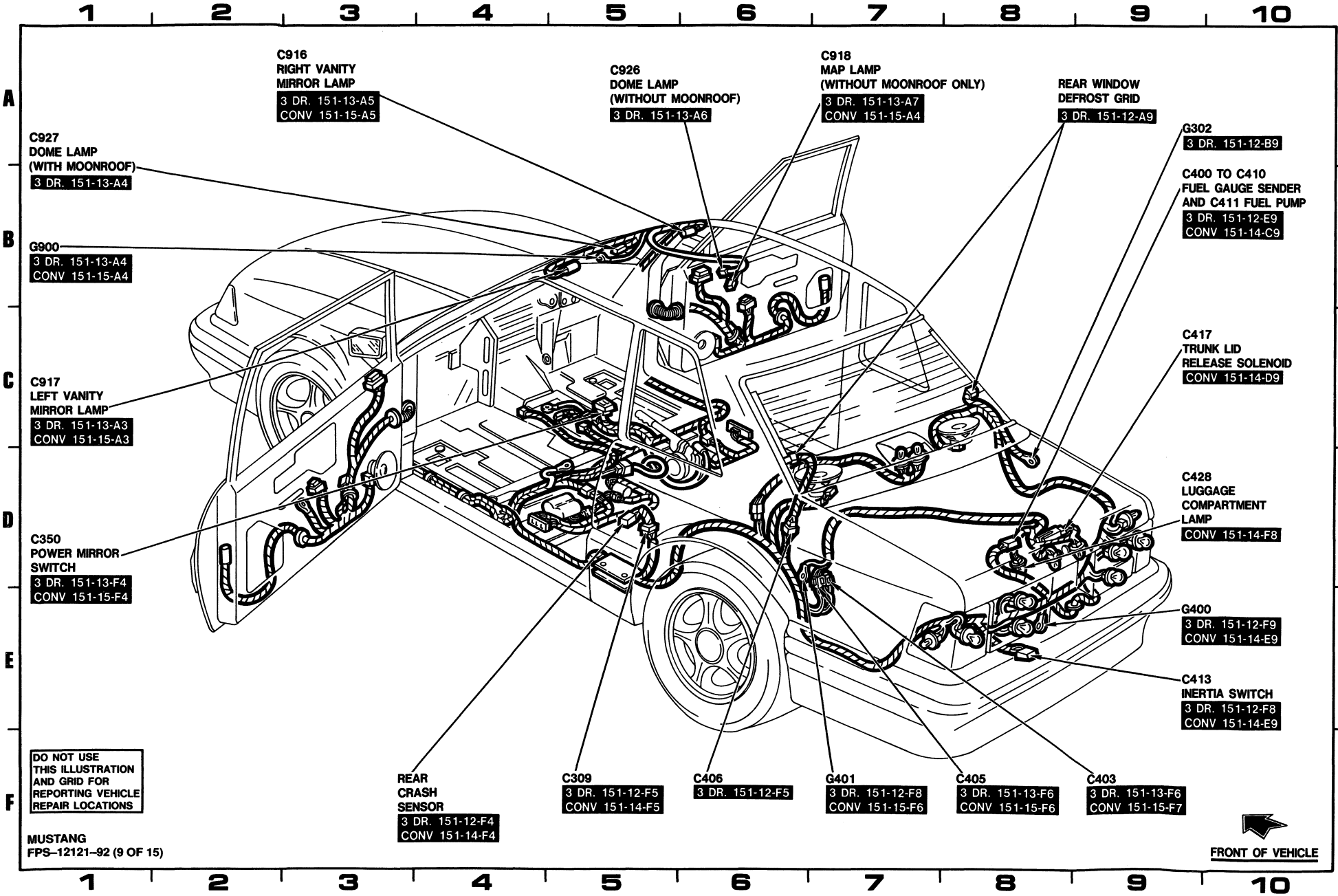
151-7 COMPONENT LOCATION VIEWS



MUSTANG
FPS-12121-92 (7 OF 15)

BEHIND I/P (1 OF 2)

151-9 COMPONENT LOCATION VIEWS



FULL BODY VIEW (2 DOOR) (1 OF 3)

152-1 LOCATION INDEX

Base Harness Number	Harness Name	Major System
7C078	Transmission Control Neutral Switch	Backup Lamps
		Starting System
7E443	Transmission Control Switch	Speed Control
		Vehicle Speed Sensor
9A340	Fuel Pump Feed Jumper	Fuel Pump
		Instrument Cluster (Fuel Gauge)
9D821	Speed Control Connector	Speed Control
9D930	Fuel Charging	Electronic Engine Control
12A581	Engine Control Sensor	Air Conditioner
		Air Bag Restraint
		Cooling Fans
		Electronic Engine Control
		Heater
		Ignition System
		Starting System
12A690	Engine Control Sensor Extension	Electronic Engine Control
		Ignition System
12638	Starter Circuit Jumper	Starting System
13412	Rear License Lamp	Courtesy Lamps
		Exterior Lamps
		Trunk Lid Release
		Turn/Stop/Hazard Lamps
13B440	Rear License Lamp Feed	License Lamp
		Rear Window Defrost
14024	Front Door Lock (RH)	Radio
		Power Door Locks
		Power Mirrors
14025	Front Door Lock (LH)	Power Door Locks
		Power Mirrors
		Radio
14290	Dash Panel To Headlamps	Charging System
		Exterior Lamps
		Fog Lamps
		Headlamps
		Horns
		Starting System
		Turn/Stop/Hazard Lamps
14334	Interior Lamp Feed	Courtesy Lamps

Base Harness Number	Harness Name	Major System
14335	Interior Lamp	Courtesy Lamps
14401	Main	Air Conditioner/Heater
		Air Bag Restraint
		Convertible Top
		Daytime Running Lamps
		Fog Lamps
		Fuse Panel
		Headlamps
		Horn
		Ignition System
		Instrument Cluster
		Instrument Illumination
		Interval Wiper/Washer
		Radio
		Rear Window Defrost
		Speed Control
		Starting System
		Turn/Stop/Hazard Lamps
		Warning Chime
14405	Rear Lamps	Air Bag Restraint
		Backup Lamps
		Courtesy Lamps
		Covertible Top
		Exterior Lamps
		Fuel Pump Inertia Switch
		Fuel Pump Relay
		Instrument Illumination
		Power Mirrors
		Power Windows
		Radio
		Rear Window Defrost
		Turn/Stop/Hazard Lamps
14630	Right Front Window Regulator	Power Door Locks
		Power Mirrors
		Power Windows
		Radio
14631	Left Front Window Regulator	Power Door Locks
		Power Mirrors
		Power Windows

152-3 LOCATION INDEX

Base Harness Number	Harness Name	Major System
14631	Left Front Window Regulator (cont'd)	Radio
14A200	Window Regulator Relay Switch	Power Windows
14A318	Accessory Feed	Ashtray Illumination
		Cigar Lighter
14B084	Seat Back Pad Adjust	Lumbar Seats
15525	Backup Lp Sw To Rear Lamp Feed	Backup Lamps
15A702	Engine Compartment Lamp Feed	Courtesy Lamps
18B864	Radio Power Booster and Equalizer Amplifier	Radio
18C618	Back Window Heater	Rear Window Defrost
18C619	Back Window Heater	Rear Window Defrost
18C620	Back Window Ground	Rear Window Defrost
19A044	Radio Speaker Front (LH)	Power Mirrors
		Radio
19A170	Radio Speaker Jumper	Radio
19B516	Luggage Compartment Lamp	Courtesy Lamps
		Exterior Lamps
		Trunk Lid Release
19D887	Air Conditioning Jumper	Air Conditioner/Heater

Component	Base Part No.	Location	Connector	Page Zone	Connector Page
A/C Clutch Diode (2.3L)	14A604	RH side of engine compartment, taped to engine harness		151- 3- C1	
A/C Clutch Diode (5.0L)	14A604	LH side of engine compartment, taped to air conditioner jumper harness		151- 4- F6	
A/C Clutch Field Coil (2.3L)	19703	Lower RH front of engine, part of A/C compressor assembly	C159	151- 3- D1	
A/C Clutch Field Coil (5.0L)	19703	Top LH front of engine, part of A/C compressor assembly	C159	151- 4- F5	
A/C-Heater Control Assembly	19980	Center of I/P	C285	151- 7- F2	
A/C-Heater Control Illumination	18549/19980	Center of I/P, on A/C-heater control assembly	C2017	151- 7- A3	
A4LD Transmission	7005	Under center of car, on transmission	C157	151- 2- A5	
Air Bag Diagnostic Module	14B056	Behind lower center of I/P	C276,C277	151- 8- E1	150- 1
Air Charge Temperature (ACT) Sensor (2.3L)	12A697	RH side of engine compartment, on air cleaner assembly	C160	151- 1- E1	
Air Charge Temperature (ACT) Sensor (5.0L)	12A697	Top LH front of engine, behind coolant temperature sender	C160	151- 4- F8	
Ashtray Illumination	15055	Center console, in ashtray	C319	151-10- A2	
Backup Lamp Switch	15520	LH side of manual transmission	C161	★	
Backup Lamps	13465	Rear of car, on respective sides	C421,C425	151-11- D9	
Backup/Neutral Safety Switch	7A247	LH side of automatic transmission	C162	★	
Barometric Absolute Pressure (BAP) Sensor (2.3L)	12B583	Top center of safety wall	C163	151- 1- A6	
Barometric Absolute Pressure (BAP) Sensor (5.0L)	12B583	Top center of safety wall	C163	151- 4- A5	
Blower Motor	19805	Behind RH side of I/P, in A/C-heater assembly	C286	151- 7- B1	
Blower Motor Resistor Assembly	19A706	Behind RH side of I/P, in A/C-heater assembly	C287	151- 7- C1	
Blower Motor Switch	19A642	Center of I/P	C2015	151- 7- A4	

★ No Figure Available

Component	Base Part No.	Location	Connector	Page Zone	Connector Page
Crankshaft Position Sensor	6C315	Center front of engine, near timing chain cover	C111,C112	151- 1- F5	150- 2
DRL Shorting Connector (2.3L)	14A624	In front of LH front fender, below horns	C170	151- 3- E9	
DRL Shorting Connector (5.0L)	14A624	In front of LH front fender, below horns	C170	151- 4- E9	
Daytime Running Lamps (DRL) Module (2.3L)	15A272	In front of LH front fender, below horns	C170	151- 3- E9	150- 2
Daytime Running Lamps (DRL) Module (5.0L)	15A272	In front of LH front fender, below horns	C170	151- 4- E9	150- 2
Distributorless Ignition System (DIS) Module	12A199	Top LH front of engine, forward of intake manifold	C155,C156	151- 2- A2	150- 3
Dome Lamp (With Moonroof)	13776	Center of windshield header	C927	151- 9- A1	
Dome Lamp (Without Moonroof)	13776	Center of roof	C926	151- 9- A5	
Driver's Seat Control Switch		LH side of LH front seat	C302	151-11- F4	
Driver's Seat Motor Assembly		Under LH front seat	C305	151-11- F5	
EEC Power Relay	12A646	Behind RH cowl panel, on bracket, above electronic engine control (EEC) module	C293	151- 6- A6	150- 4
EGR Vacuum Regulator Solenoid (2.3L)	9J472	RH rear of engine compartment, on rear of strut tower	C171	151- 1- B1	
EGR Vacuum Regulator Solenoid (5.0L)	9J459	RH rear of engine compartment, on rear of strut tower	C171	151- 5- A2	
EGR Valve Position Sensor (2.3L)	9G428	Top LH rear of engine, on rear of intake manifold	C172	151- 1- A8	
EGR Valve Position Sensor (5.0L)	9G428	Top RH rear of engine, on rear of intake manifold	C172	151- 4- A3	
Electric Cooling Fan	8K621	Center front of engine compartment, behind radiator	C173	151- 3- F4	
Electronic Engine Control (EEC) Module (2.3L)	12A650	Behind RH cowl panel	C294	151- 6- F7	150- 5
Electronic Engine Control (EEC) Module (5.0L)	12A650	Behind RH cowl panel	C294	151- 6- F7	150- 7
Engine Compartment Lamp	15702	Underside of engine compartment hood	C158	151- 5- A9	

152-7 LOCATION INDEX

Component	Base Part No.	Location	Connector	Page Zone	Connector Page
Engine Coolant Temperature (ECT) Sensor (2.3L)	12A648	RH rear of engine, below throttle body	C174	151- 1- A3	
Engine Coolant Temperature (ECT) Sensor (5.0L)	12A648	Top RH front of engine, RH side of fuel injector No. 1	C174	151- 4- A1	
Engine Indicator Diode	10C912	Behind LH side of I/P, taped in main harness, near speed control amplifier		151- 8- F8	
Fog Lamp Switch	11654	Top LH side of I/P, left of instrument cluster	C298	151- 7- B9	
Fog Lamps	15200	Lower front of car, on respective sides	C1021,C1025	151-11- F7	
Front Park/Turn Lamps	13200	Front of car, on respective sides	C1024,C1028	151- 3- F8	
Front Side Marker Lamps	15A424	Front of respective front fenders	C1022,C1026	151- 3- F9	
Fuel Gauge Sender	9H307	Below rear of car, top LH side of fuel tank	C410	151-14- C9	
Fuel Injectors (2.3L)	9F593	Top of each cylinder	C178,C179, C180,C181	151- 1- F4	
Fuel Injectors (5.0L)	9F593	Top of each cylinder	C178,C179, C180,C181, C182,C183, C184,C185	151- 4- B9	
Fuel Pump	9350	Below rear of car, top RH side of fuel tank	C411	151-14- C9	
Fuel Pump Relay	14N089	RH side of engine compartment, on lower front of wheelwell	C175	151- 5- D1	150- 4
Fuse Link A (2.3L)	14526	Front of LH fender apron, at starter relay		151- 3- D9	
Fuse Link A (5.0L)	14526	Front of LH fender apron, at starter relay		151- 4- D9	
Fuse Link B (2.3L)	14526	Front of LH fender apron, at starter relay		151- 3- D9	
Fuse Link B (5.0L)	14526	Front of LH fender apron, at starter relay		151- 4- D9	
Fuse Link C (2.3L)	14526	Front of LH fender apron, at starter relay		151- 3- D9	
Fuse Link C (5.0L)	14526	Front of LH fender apron, at starter relay		151- 4- D9	
Fuse Link D	14526	Front of LH fender apron, at starter relay		151- 4- D9	
Fuse Link E (2.3L)	14526	LH side of engine compartment, taped to dash panel to headlamp junction harness, behind battery		151- 3- F6	

Component	Base Part No.	Location	Connector	Page Zone	Connector Page
Fuse Link E (5.0L)	14526	LH side of engine compartment, behind battery		151- 4- F9	
Fuse Link F (2.3L)	14526	Front of LH fender apron, at starter relay		151- 3- D9	
Fuse Link F (5.0L)	14526	Front of LH fender apron, at starter relay		151- 4- D9	
Fuse Link G (2.3L)	14526	Front of LH fender apron, at starter relay		151- 3- C9	
Fuse Link G (5.0L)	14526	Front of LH fender apron, at starter relay		151- 4- D9	
Fuse Link H	14526	Front of LH fender apron, at starter relay		151- 3- C9	
Fuse Link J	14526	Front of LH fender apron, at starter relay		151- 3- C9	
Fuse Link K (2.3L)	14526	RH rear corner of engine compartment, taped to engine harness		151- 2- B1	
Fuse Link K (5.0L)	14526	RH rear corner of engine compartment, taped to engine harness		151- 4- A1	
Fuse Link N (2.3L)	14526	LH rear corner of engine compartment, taped to main harness		151- 2- A9	
Fuse Link N (5.0L)	14526	LH rear corner of engine compartment, taped in main harness		151- 4- B9	
Fuse Panel	14A067	Behind LH side of I/P, left of steering column	C206	151- 7- E9	
Glove Box Lamp	14413	RH side of I/P, in glove box	C2016	151- 8- B1	
Graphic Equalizer	18T803	Center of I/P, below radio	C2030	151- 8- F7	150- 4
Hatchback Release Solenoid	14030	Center rear of hatchback, near latch assembly	C412	151-12- C9	
Hazard Flasher	13350	Behind LH side of I/P, on fuse panel		151- 7- F8	
Hazard Warning Switch	13A350	Top LH side of I/P, RH side of instrument cluster	C299	151- 7- A6	150- 9
Headlamps	13005	Front of car, on respective sides	C1023,C1027	151- 3- F9	
Heated Exhaust Gas Oxygen (HEGO) Sensor	9F472	Lower RH rear of engine, in exhaust manifold	C186	151- 1- C1	
Heater Control Assembly	18549	Center of I/P	C285	151- 7- F1	
Hi Mount Stop Lamp (2 Door)	13A613	Center of rear package tray	C321	151-10- E9	
Hi Mount Stop Lamp (3 Door)	13A613	In center of rear spoiler	C430	151-13- C9	

Component	Base Part No.	Location	Connector	Page Zone	Connector Page
Hi Mount Stop Lamp (Convertible)	13A613	Center rear of trunk lid	C431	151-15- A9	
Horn Relay	13853	Behind RH center of I/P, above warning chime module	C187	151- 7- A3	150- 9
Horns (2.3L)	13A803	In front of LH fender, near windshield washer fluid reservoir	C188,C189	151- 2- E9	
Horns (5.0L)	13A803	In front of LH fender, near windshield washer fluid reservoir	C188,C189	151- 5-E10	
Idle Air Bypass Valve (2.3L)	9F715	Top rear of engine, above valve cover	C190	151- 1- A5	
Idle Air Bypass Valve (5.0L)	9F715	Top RH side of engine, forward of throttle body	C190	151- 4- C1	
Ignition Coil	12029	LH side of engine compartment, on front of strut tower	C191	151- 5-C10	
Ignition Key Warning Switch	11A127	Top RH side of steering column, part of ignition lock cylinder	C2026	151- 7- A9	
Ignition Suppression Resistor	14A601	LH rear corner of engine compartment, taped to engine harness		151- 4- A8	
Ignition Switch	11572	Top RH side of steering column	C2001	151- 7- A8	150- 9
In-line Circuit Breaker (2.3L)	14A065	Front of LH fender apron, on starter relay		151- 3- B9	
In-line Circuit Breaker (5.0L)	14A065	Front of LH fender apron, on starter relay		151- 4- C9	
Inertia Switch	9341	Lower LH center rear of trunk	C413	151- 9- E9	
Instrument Cluster	10849	Top LH side of I/P	C250,C251	151- 8- A6	150-10
Instrument Panel Dimming Rheostat	11691	LH side of I/P, left of steering column	C2022	151- 8- C9	
Integral Alternator Regulator (IAR) (2.3L)	10300/10346	Top LH front of engine	C153,C154	151- 3- F5	150-12
Integral Alternator Regulator (IAR) (5.0L)	10300/10346	RH front of engine	C153,C154	151- 4- F3	150-12
Integrated Relay Control Module	12B581	Mounted on side of RH front strut tower	C192	151- 3- A1	150-11
Interval Governor	6C625	Behind LH side of I/P, LH side of steering column brace	C2002	151- 8- E9	150-12
LCD Illumination Relay	13A025	Behind RH center of I/P, near horn relay	C2004	151- 7- A2	150-13
Left Dash Speaker	18808	Behind top LH corner of I/P	C2025	151- 8- B9	
Left Door Lock Motor	218A42	In rear of LH front door	C503	151-11- E1	

Component	Base Part No.	Location	Connector	Page Zone	Connector Page
Left Door Lock Switch	14A509	Center of LH front door, on armrest	C507	151-11- D1	150- 2
Left Door Speaker	18808	In lower front of LH front door	C508	151-10- D1	
Left Forward Crash Sensor (2.3L)	14B005	LH side of upper radiator support, behind headlamp	C177	151- 2- F8	
Left Forward Crash Sensor (5.0L)	14B005	LH side of upper radiator support, behind headlamp	C177	151- 5- F8	
Left Front Courtesy Lamp Switch	13713	In front of LH front door jamb	C297	151- 6- F5	
Left Front Window Motor	23394	In lower front of LH front door	C504	151-11- F3	
Left Heated Exhaust Gas Oxygen (HEGO) Sensor	9F472	Lower LH rear of engine, in exhaust manifold	C193	151- 5- A6	
Left Power Lumbar Compressor Motor	65530	Under RH side of LH front seat	C307	151-10- F4	
Left Power Lumbar Seat Switch	14C715	On LH side of LH front seat	C323	151-10- F2	
Left Power Mirror	17682	Top front of LH front door	C509	151-11- C1	
Left Rear Speaker (2 Door)	18971	LH side of rear package tray	C325	151-10- F8	
Left Rear Speaker (3 Door)	18932	LH front of cargo area	C325	151-12- F6	
Left Rear Speaker (Convertible)	18971	Front of LH rear quarter panel, in trim panel	C325	151-14- F5	
Left Rear Window Motor	23394	In front of LH rear quarter panel	C311	151-14- F4	
Left Vanity Mirror Lamp	17A679	At LH vanity mirror	C917	151- 9- C1	
License Lamps (2 Door And Convertible)	13550	Center rear of trunk lid	C426,C427	151-11- E9	
License Lamps (3 Door)	13550	Center rear of hatchback	C427,C426	151-13- E9	
Low Coolant Switch	10D968	LH front of engine compartment, in coolant reservoir	C194	151- 4- F9	
Low Oil Level Sensor	6C624	Lower LH rear of engine, on side of oil pan	C195	151- 5- A6	
Low Oil Warning Relay	6C625	Behind LH side of I/P, LH side of steering column brace	C196	151- 8- D9	150-13
Lower Relay	9345	Behind top center of rear seat, LH side of convertible top motor	C414	151-14- F6	150-13
Luggage Compartment Lamp (2 Door)	19B516	Center rear of trunk lid	C428	151- 9- D9	
Luggage Compartment Lamp (Convertible)	19B516	LH rear of trunk lid	C428	151-14- F8	

152-11 LOCATION INDEX

Component	Base Part No.	Location	Connector	Page Zone	Connector Page
Main Light Switch	11654	Top LH side of I/P, LH side of instrument cluster	C2005	151- 7- B9	150–13
Map Lamp (2 And 3 Door)	13776	Center of roof	C918	151- 9- A7	
Map Lamp (Convertible)	13776	Center of windshield header	C900	151-15- A4	
Mass Air Flow (MAF) Sensor (2.3L)	12B579	RH side of engine compartment, on rear of air cleaner assembly	C197	151- 1- D1	
Mass Air Flow (MAF) Sensor (5.0L)	12B579	RH side of engine compartment, on air intake assembly	C197	151- 4- D1	
Master Window/Door Lock Control Switch (2 And 3 Door)	14A509	Center of LH front door, on armrest	C502	151-11- D1	150–24
Master Window/Door Lock Control Switch (Convertible)	14A509	Center of front LH door, on armrest	C505	151-15- C1	150–24
Multi–function Switch	13K359	Inside top of steering column	C268,C269, C270	151- 8- A8	150–14
Neutral Gear Switch (NGS)	7A247	Top front of manual transmission	C117	151-11- B1	
Octane Adjust Shorting Bar	14A464	RH rear of engine compartment	C1000	151- 2- A4	
Oil Pressure Sender	9D290	Lower LH front of engine, above oil filter	C1001	151- 5- F6	
Oil Pressure Switch	9278	LH rear of engine, below valve cover	C1002	151- 3- A5	
PRNDL Illumination	15A808	Center console, near gearshift lever	C320	151-10- E1	
Park Brake Switch	15852	Below rear of center console, on RH rear of park brake lever assembly	C2006	151-10- F6	
Power Mirror Switch	17B676	On center console	C350	151- 9- D1	150–15
Power Steering Pressure Switch	3N824	Lower LH side of engine, near power steering pump	C1003	151- 1- F7	
Premium Sound Amplifier	18B849	Below front of center console	C282,C283	151- 8- C1	150–15
Primary Coil (RH)	12029	Top RH side of engine, right of valve cover	C1004	151- 2- C1	
Radio (With Premium Sound)	18806	Center of I/P	C280,C281	151- 8- F3	150–18
Radio (Without Premium Sound)	18806	Center of I/P	C257,C258	151- 8- F3	150–17
Radio Noise Capacitor	18801	Top RH front of engine, near secondary coil (LH)	C1006	151- 2- F4	
Raise Relay	9345	Behind top center of rear seat, LH side of convertible top motor	C415	151-14- F6	150–20

Component	Base Part No.	Location	Connector	Page Zone	Connector Page
Rear Courtesy Lamp Switch	13713	Center rear of hatchback	C416	151-12- D9	
Rear Crash Sensor	14B007	In lower front of LH rear quarter panel	C309	151- 9- F3	150–20
Rear Park/Stop Lamps	13465	Rear of car, on respective sides	C419,C424	151-11- C9	
Rear Side Marker Lamps	13465	Rear of car, on respective sides	C420,C423	151-11- C9	
Rear Turn Lamps	13465	Rear of car, on respective sides	C418,C422	151-11- C9	
Rear Window Defrost Control Relay	18C641	Behind LH side of I/P, on RH side of fuse panel	C2007	151- 7- E9	150–20
Rear Window Defrost Grid	42006	Inside rear window		151- 9- A8	
Rear Window Defrost Switch	13A350	Top LH side of I/P, right of instrument cluster	C2020	151- 7- A7	
Right Dash Speaker	18808	Behind top RH corner of I/P	C2024	151- 8- A2	
Right Door Lock Motor	218A42	Rear of RH front door	C603	151-11- B9	
Right Door Lock Switch	14A265	Center of RH front door, on armrest	C606	151-11- A8	150- 2
Right Door Speaker	18808	Lower front of RH front door	C607	151-10- A5	
Right Forward Crash Sensor (2.3L)	14B004	RH side of upper radiator support, behind headlamp	C176	151- 2- F3	
Right Forward Crash Sensor (5.0L)	14B004	RH side of upper radiator support, behind headlamp	C176	151- 5- F2	
Right Front Courtesy Lamp Switch	13713	In front of RH front door jamb	C296	151- 6-C10	
Right Front Window Motor	23394	In lower front of RH front door	C604	151-11- B9	
Right Heated Exhaust Gas Oxygen (HEGO) Sensor	9F472	Lower RH rear of engine, in exhaust manifold	C1005	151- 5- A4	
Right Power Lumbar Compressor Motor	65530	Under LH side of RH front seat	C308	151-10- B9	
Right Power Lumbar Seat Switch	14C715	On RH side of RH front seat	C322	151-10- B9	
Right Power Mirror	17682	Top front of RH front door	C608	151-11- A5	
Right Rear Speaker (2 Door)	18971	RH side of rear package tray	C324	151-10- D9	
Right Rear Speaker (3 Door)	18932	RH front of cargo area	C324	151-12- A8	
Right Rear Speaker (Convertible)	18971	Front of RH rear quarter panel, in trim panel	C324	151-14- B9	
Right Rear Window Motor	23394	In front of RH rear quarter panel	C312	151-14- A9	
Right Vanity Mirror Lamp	17A679	At RH vanity mirror	C916	151- 9- A2	
Right Window/Door Lock Control Switch	14A265	Center of RH front door, on armrest	C602	151-11- A6	150–25

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Component	Base Part No.	Location	Connector	Page Zone	Connector Page
SPOUT Check Connector C1009 (2.3L)	14A464	Top LH front of engine, near distributorless ignition system (DIS) module	C1009	151- 2- A6	
SPOUT Check Connector C1009 (5.0L)	14A464	LH front of engine, taped to engine harness, near distributor	C1009	151- 4- F5	
Seat Belt Switch	10B924	Inside LH front seat belt buckle assembly	C315	151-15- F5	
Secondary Coil (LH)	12029	Top RH front of engine, right of valve cover	C1007	151- 2- E1	
Shift Lock Actuator	3F719	Top RH side of steering column, near ignition switch	C2008	151- 8- A7	
Speed Control Amplifier	9D843	Behind LH side of I/P, near top of cowl panel	C214,C215	151- 7- F7	150–21
Speed Control Servo (2.3L)	9C735	In rear of LH front fender	C1008	151- 3- A9	150–22
Speed Control Servo (5.0L)	9C735	In rear of LH front fender	C1008	151- 4- A9	150–22
Starter Motor/Solenoid (2.3L)	11001	Lower RH rear of engine		151- 3- A4	
Starter Motor/Solenoid (5.0L)	11001	Lower RH rear of engine		151- 4- C1	
Starter Relay (2.3L)	11450	Front of LH fender apron		151- 3- C9	
Starter Relay (5.0L)	11450	Front of LH fender apron		151- 4- C9	
Steering Column Air Bag	043B13	In center of steering wheel	C2009	151- 6- F6	
Steering Wheel Control Switch	9C888	Center of steering wheel	C2018	151- 6- A5	
Stop Lamp Switch	13480	Behind LH side of I/P, on brake pedal support	C2011	151- 7- F4	
TFI Ignition Module	12A297	Center front of engine, on LH side of distributor	C1012	151- 4- F4	150–22
Tach Service Connector	14A624	LH front of engine, near distributorless ignition system (DIS) module	C1011	151- 2- A6	
Thermactor Air Bypass (TAB) Solenoid	95448	RH rear of engine compartment, on rear of strut tower	C1013	151- 5- B1	
Thermactor Air Diverter (TAD) Solenoid	95448	RH rear of engine compartment, on rear of strut tower	C1014	151- 5- A1	
Throttle Position Sensor (2.3L)	9B989	Top rear of engine, on throttle body	C1031	151- 1- A5	
Throttle Position Sensor (5.0L)	9B989	Top RH side of engine, on rear of throttle body	C1015	151- 5- A3	

Component	Base Part No.	Location	Connector	Page Zone	Connector Page
Trunk Lid Release Solenoid (2 Door)	14030	Center rear of trunk lid, near latch assembly	C417	151- 9- C9	
Trunk Lid Release Solenoid (Convertible)	14030	Center rear of trunk lid, near latch assembly	C417	151-14- D9	
Trunk Lid/Hatchback Release Switch	19B514	RH side of I/P, in glove box	C2019	151- 7- A1	
Turn Signal Flasher	13350	Behind RH center of I/P	C2012	151- 7- F3	
VIP Test Connector C198 (2.3L)	14489	LH rear of engine compartment, mounted on rear of strut tower	C198	151- 2- A9	150–22
VIP Test Connector C198 (5.0L)	14489	LH rear of engine compartment, mounted on rear of strut tower	C198	151- 5- B9	150–22
VIP Test Connector C199 (2.3L)	14489	LH rear of engine compartment, mounted on rear of strut tower	C199	151- 2- A9	150–22
VIP Test Connector C199 (5.0L)	14489	LH rear of engine compartment, mounted on rear of strut tower	C199	151- 5- B9	150–22
Vehicle Speed Sensor (VSS)	9E731	LH rear of transmission	C1016	151-11- B1	
WOT Cutout Relay	14N089	RH side of engine compartment, on lower front of wheel well	C1020	151- 5- D1	150–26
Warning Chime Module	10D840	Behind center of I/P, RH side of radio	C2013	151- 7- D1	150–23
Window Safety Relay	9345	Behind top of LH cowl panel	C2014	151- 6- B1	150–23
Windshield Washer Pump Motor (2.3L)	17B613	In front of LH fender, in windshield washer fluid reservoir	C1018	151- 2-D10	
Windshield Washer Pump Motor (5.0L)	17B613	In front of LH fender, in windshield washer fluid reservoir	C1018	151- 5-D10	
Windshield Washer Pump Test Connector C1019 (2.3L)	14489	Lower LH side of engine compartment, taped to main harness	C1019	151- 2-C10	
Windshield Washer Pump Test Connector C1019 (5.0L)	14489	Lower LH side of engine compartment, taped to main harness	C1019	151- 5-C10	
Windshield Wiper Motor (2.3L)	17504	Top LH side of safety wall, RH side of hood hinge	C151,C152	151- 2- A7	150–26
Windshield Wiper Motor (5.0L)	17504	Top LH side of safety wall, RH side of hood hinge	C151,C152	151- 4- A7	150–26

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Connector	Location	Page Zone	Connector Page	Color	Terminal
C100	Lower LH front of engine compartment	151- 4- F9		BK	2
C101 (2.3L)	LH rear side of engine, rear of intake manifold	151- 1- C9		BK	8
C101 (5.0L)	RH side of engine compartment, lower front of wheel well	151- 1- C9		BK	8
C102	LH rear corner of engine compartment	151- 3- A9		GY	2
C104	LH rear of engine, rear of intake manifold	151- 1- B9		BK	8
C105	LH rear of engine, rear of intake manifold	151- 1- D9		N	8
C106 (Automatic)	LH rear of transmission	151- 11- B1		GY	4
C106 (Manual)	LH side of transmission	151- 11- B1		GY	4
C107 (2.3L)	LH side of engine compartment, on lower front of wheel well	151- 1- F8		BL	2
C107 (5.0L)	LH side of engine compartment, on lower front of wheel well	151- 4- C9		BL	2
C108 (2.3L)	LH side of engine compartment, on lower front of wheel well	151- 1- F8		BK	8
C108 (5.0L)	LH side of engine compartment, on lower front of wheel well	151- 4- D9		BK	8
C110 (2.3L)	LH rear of engine compartment, left of brake fluid reservoir	151- 2- A8		BR	8
C110 (5.0L)	LH rear of engine compartment, left of brake fluid reservoir	151- 5-B10		BR	8
C111	LH side of engine, near bottom of intake manifold, to crankshaft position sensor	151- 1- F6	150- 2	GY	1
C112	LH side of engine, near bottom of intake manifold, to crankshaft position sensor	151- 1- F6	150- 2	GY	4
C113 (2.3L)	LH front of engine compartment, behind battery	151- 2- D9		BK	1
C113 (5.0L)	LH front of engine compartment, behind battery	151- 5-D10		BK	1
C117	LH front of manual transmission, on neutral gear switch (NGS)	151- 11- B1		BK	2
C118	Top RH rear of engine, on rear of intake manifold	151- 4- A4		BK	10
C119	Top RH rear side of engine, on rear of intake manifold	151- 4- A4		GY	10
C151 (2.3L)	Top LH side of safety wall, on windshield wiper motor	151- 2- A7	150–26	GY	3
C151 (5.0L)	Top LH side of safety wall, on windshield wiper motor	151- 4- A7	150–26	GY	3
C152 (2.3L)	Top LH side of safety wall, on windshield wiper motor	151- 2- A7	150–26	BK	3
C152 (5.0L)	Top LH side of safety wall, on windshield wiper motor	151- 4- A7	150–26	BK	3
C153 (2.3L)	Top LH front of engine, on integral alternator regulator (IAR)	151- 3- F5	150–12	BK	3
C153 (5.0L)	RH front of engine, on integral alternator regulator (IAR)	151- 4- F3	150–12	BK	3
C154 (2.3L)	Top LH front of engine, on integral alternator regulator (IAR)	151- 3- F5	150–12	BK	3
C154 (5.0L)	RH front of engine, on integral alternator regulator (IAR)	151- 4- F3	150–12	BK	3
	(DIS) module	151- 2- A2	150- 3	GY	6

Connector	Location	Page Zone	Connector Page	Color	Terminal
C155	Top LH front of engine, on distributorless ignition system (DIS) module	151- 2- A2	150- 3	GY	6
C156	LH front of engine, on distributorless ignition system (DIS) module	151- 2- A2	150- 3	GY	6
C157	Under center of car, on A4LD transmission	151- 2- A5		BK	3
C158	Underside of engine compartment hood, on engine compartment lamp	151- 5- A9		GY	2
C159 (2.3L)	Lower RH front of engine, on A/C clutch field coil	151- 3- D1		BK	2
C159 (5.0L)	Top LH front of engine, on A/C clutch field coil	151- 4- F5		BK	2
C160 (2.3L)	RH side of engine compartment, on air charge temperature (ACT) sensor	151- 1- E1		BK	2
C160 (5.0L)	Top LH front of engine, on air charge temperature (ACT) sensor	151- 4- F8		BK	2
C161	LH side of manual transmission, on backup lamp switch	*		BK	2
C162	LH side of automatic transmission, on backup/neutral safety switch	*		BK	4
C163 (2.3L)	Top center of safety wall, on barometric absolute pressure (BAP) sensor	151- 1- A6		BK	3
C163 (5.0L)	Top center of safety wall, on barometric absolute pressure (BAP) sensor	151- 4- A5		BK	3
C164 (2.3L)	LH rear of engine compartment, on brake fluid level switch	151- 3- B9		GY	3
C164 (5.0L)	LH rear of engine compartment, on brake fluid level switch	151- 5- A8		GY	3
C165	Lower RH front of engine, to canister purge solenoid	151- 5- F5		BK	2
C166 (2.3L)	RH side of engine compartment, to center line crash sensor	151- 2- D1			2
C166 (5.0L)	RH side of engine compartment, to center line crash sensor	151- 5- A1			2
C167 (2.3L)	RH rear corner of engine compartment, on clutch cycling pressure switch	151- 3- A2		GY	3
C167 (5.0L)	RH rear corner of engine compartment, on clutch cycling pressure switch	151- 4- A2		GY	3
C168 (2.3L)	LH rear of engine, on coolant temperature sender	151- 3- A6		BK	1
C168 (5.0L)	Top LH front of engine, on coolant temperature sender	151- 4- A5		BK	1
C170 (2.3L)	In front of LH front fender, on daytime running lamps (DRL) module or DRL shorting connector	151- 3- E9	150- 2	BK	8

* No Figure Available

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Connector	Location	Page Zone	Connector Page	Color	Terminal
C170 (5.0L)	In front of LH front fender, on daytime running lamps (DRL) module or DRL shorting connector	151- 4- E9	150- 2	BK	8
C171 (2.3L)	RH rear of engine compartment, on EGR vacuum regulator solenoid	151- 1- B1		BK	2
C171 (5.0L)	RH rear of engine compartment, on EGR vacuum regulator solenoid	151- 5- A2		BK	2
C172 (2.3L)	Top LH rear of engine, on EGR valve position sensor	151- 1- A8		BK	4
C172 (5.0L)	Top RH rear of engine, on EGR valve position sensor	151- 4- A3		BK	4
C173	Center front of engine compartment, on electric cooling fan	151- 3- F4		BK	2
C174 (2.3L)	RH rear of engine, on engine coolant temperature (ECT) sensor	151- 1- A3		BR	2
C174 (5.0L)	Top RH front of engine, on engine coolant temperature (ECT) sensor	151- 4- E1		BR	2
C176 (2.3L)	RH side of engine compartment, to right forward crash sensor	151- 2- D1		N	2
C176 (5.0L)	RH side of engine compartment, to right forward crash sensor	151- 5- C1		N	2
C177 (2.3L)	LH side of engine compartment, to left forward crash sensor	151- 2- A9		N	2
C177 (5.0L)	LH side of engine compartment, to left forward crash sensor	151- 5-C10		N	2
C178 (2.3L)	Top of engine, on fuel injector No. 1	151- 1- F4		BK	2
C178 (5.0L)	Top of engine, on fuel injector No. 1	151- 4- B9		BK	2
C179 (2.3L)	Top of engine, on fuel injector No. 2	151- 1- F4		BK	2
C179 (5.0L)	Top of engine, on fuel injector No. 2	151- 4- B9		BK	2
C180 (2.3L)	Top of engine, on fuel injector No. 3	151- 1- F4		BK	2
C180 (5.0L)	Top of engine, on fuel injector No. 3	151- 4- B9		BK	2
C181 (2.3L)	Top of engine, on fuel injector No. 4	151- 1- F4		BK	2
C181 (5.0L)	Top of engine, on fuel injector No. 4	151- 4- B9		BK	2
C182	Top of engine, on fuel injector No. 5	151- 4- B9		BK	2
C183	Top of engine, on fuel injector No. 6	151- 4- B9		BK	2
C184	Top of engine, on fuel injector No. 7	151- 4- B9		BK	2
C185	Top of engine, on fuel injector No. 8	151- 4- B9		BK	2
C186	Lower RH rear of engine, near heated exhaust gas oxygen (HEGO) sensor	151- 1- A3		N	4
C187	Behind RH center of I/P, on horn relay	151- 7- A3	150- 9	BR	5
C188 (2.3L)	In front of LH fender, on high pitch horn	151- 2- E9		BK	1
C188 (5.0L)	In front of LH fender, on high pitch horn	151- 5-E10		BK	1
C189 (2.3L)	In front of LH fender, on low pitch horn	151- 2- E9		BK	1

Connector	Location	Page Zone	Connector Page	Color	Terminal
C189 (5.0L)	In front of LH fender, on low pitch horn	151- 5-D10		BK	1
C190 (2.3L)	Top rear of engine, on idle air bypass valve	151- 1- A5		BK	2
C190 (5.0L)	Top RH side of engine, on idle air bypass valve	151- 4- C1		BK	2
C191	LH side of engine compartment, on ignition coil	151- 5-B10		GY	3
C192	Mounted on side of RH front strut tower, on integrated relay control module	151- 3- A1	150–11		24
C193	Lower LH rear of engine, near left heated exhaust gas oxygen (HEGO) sensor	151- 5- A7		BK	4
C194	LH front of engine compartment, on low coolant switch	151- 4- F9		BK	3
C195	Lower LH rear of engine, on low oil level sensor	151- 5- A6		N	1
C196	Behind LH side of I/P, on low oil warning relay	151- 8- D9	150–13	GY	5
C197 (2.3L)	RH side of engine compartment, on mass air flow (MAF) sensor	151- 1- D1		BK	4
C197 (5.0L)	RH side of engine compartment, on mass air flow (MAF) sensor	151- 4- D1		BK	4
C198 VIP Test Connector (2.3L)	LH rear of engine compartment, mounted on rear of strut tower	151- 2- A9	150–22	GY	6
C198 VIP Test Connector (5.0L)	LH rear of engine compartment, mounted on rear of strut tower	151- 5-B10	150–22	GY	6
C199 VIP Test Connector (2.3L)	LH rear of engine compartment, mounted on rear of strut tower	151- 2- A9	150–22	GY	1
C199 VIP Test Connector (5.0L)	LH rear of engine compartment, mounted on rear of strut tower	151- 5-B10	150–22	GY	1
C203	Behind LH cowl panel	151- 6- E1		BK	12
C204	Behind LH cowl panel, taped to main harness	151- 6- C1		GY	2
C205	Behind RH cowl panel, near electronic engine control (EEC) module	151- 6-B10		GY	2
C206	Behind LH side of I/P, on rear of fuse panel	151- 7- F8		W	1
C207	Behind LH cowl panel	151- 6- D1		GY	12
C212	Behind LH cowl panel	151- 6- D1		BK	8
C213	Behind RH cowl panel, below electronic engine control (EEC) module	151- 6-C10		GR	8
C214	Behind LH side of I/P, on speed control amplifier	151- 7- F7	150–21		6
C215	Behind LH side of I/P, on speed control amplifier	151- 7- F7	150–21	GY	6
C216	Behind RH cowl panel, below electronic engine control (EEC) module	151- 6-C10		GY	8
C217	Behind LH cowl panel	151- 6- F2		GY	8
C221	Behind LH cowl panel	151- 6- F3		GY	8
C222	Behind RH cowl panel, above grommet	151- 6- A7		GY	8
C224	Behind LH cowl panel	151- 6- F4		BL	6

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Connector	Location	Page Zone	Connector Page	Color	Terminal
C225	Behind LH cowl panel	151- 6- F3		BK	4
C227	Behind LH cowl panel	151- 6- A2		GY	2
C228	Behind RH cowl panel, below grommet	151- 6-B10		GY	2
C229	Behind LH cowl panel	151- 6- A4		GY	8
C230	Behind LH cowl panel	151- 6- A4		BK	4
C231	Behind RH cowl panel	151- 6-B10		BK	4
C250	Behind top LH side of I/P, on instrument cluster	151- 8- A9	150–10	GY	14
C251	Behind top LH side of I/P, on instrument cluster	151- 8- A6	150–10	BR	14
C257 (With Premium Sound)	Behind center of I/P, near RH side of radio	151- 8- A3		BK	8
C257 (Without Premium Sound)	Behind center of I/P, on rear of radio	151- 8- F3	150–17	BK	8
C258 (With Premium Sound)	Behind center of I/P, near RH side of radio	151- 8- A5		BK	8
C258 (Without Premium Sound)	Behind center of I/P, on rear of radio	151- 8- F5	150–17	BK	8
C268	Inside top of steering column, on multi-function switch	151- 8- A8	150–14	GY	4
C269	Inside top of steering column, on multi-function switch	151- 8- A8	150–14	GY	10
C270	Inside top of steering column, on multi-function switch	151- 8- A8	150–14	GY	9
C276	Behind lower center of I/P, on air bag diagnostic module	151- 8- E1	150- 1		12
C277	Behind lower center of I/P, on air bag diagnostic module	151- 8- D1	150- 1		12
C280	Behind center of I/P, on rear of radio	151- 8- F3	150–18	BK	8
C281	Behind center of I/P, on rear of radio	151- 8- F5	150–18	BK	8
C282	Below front of center console, on premium sound amplifier	151- 8- C1	150–15	GR	8
C283	Below front of center console, on premium sound amplifier	151- 8- C1	150–16	GY	8
C285 (With A/C)	Behind center of I/P, on A/C-heater control assembly	151- 7- F2		W	4
C285 (Without A/C)	Behind center of I/P, on heater control assembly	151- 7- F2		W	4
C286	Behind RH side of I/P, near blower motor	151- 7- B1		BK	2
C287	Behind RH side of I/P, on blower motor resistor assembly	151- 7- C1		W	4
C288	Behind LH side of I/P, on clutch interrupt switch	151- 7- A5		BK	2
C290	Behind LH side of I/P, on clutch engage switch (CES)	151- 7- A6		N	2
C291	Behind LH side of I/P, on clutch switch or clutch switch jumper	151- 7- F4		GY	2
C293	Behind RH cowl panel, on EEC power relay	151- 6- A6	150- 4	BR	5
C294 (2.3L)	Behind RH cowl panel, on electronic engine control (EEC) module	151- 6- F7	150- 5	GY	60

Connector	Location	Page Zone	Connector Page	Color	Terminal
C294 (5.0L)	Behind RH cowl panel, on electronic engine control (EEC) module	151- 6- F7	150- 7	GY	60
C296	In front of RH front door jamb, on right front courtesy lamp switch	151- 6-C10		BK	3
C297	In front of LH front door jamb, on left front courtesy lamp switch	151- 6- F5		BK	3
C298	Behind top LH side of I/P, on fog lamp switch	151- 7- B9		N	2
C299	Behind top LH side of I/P, on hazard warning switch	151- 7- A6	150- 9	GY	8
C300	Below LH front seat	151- 10- F5		GY	2
C301	Below RH front seat	151- 12- A5		GY	2
C302	Under LH side of LH front seat, on driver's seat control switch	151- 11- F4			6
C303	Below center console	151- 10- A4		GY	3
C304	Below LH front seat	151- 11- A4			2
C305	Under LH front seat, on driver's seat motor assembly	151- 11- F6			4
C307	Under RH side of LH front seat, on left power lumbar compressor motor	151- 10- F4		BK	2
C308	Under LH side of RH front seat, on right power lumbar compressor motor	151- 12- A7		BK	2
C309	In lower front of LH rear quarter panel, near rear crash sensor	151- 12- F5	150-20	N	8
C311	In front of LH rear quarter panel, near left rear window motor	151- 14- F4		GY	2
C312	In front of RH rear quarter panel, near right rear window motor	151- 14- A9		GY	2
C315	Below RH side of LH front seat, near seat belt switch	151- 10- A4		GY	2
C319	Below center console, on ashtray illumination	151- 10- A2		BK	2
C320	Below center console, on PRNDL illumination	151- 10- E1		GY	2
C321 (2 Door)	LH side of trunk, above rear of wheel well, to hi mount stop lamp	151- 10- F7		GY	2
C321 (3 Door)	LH side of cargo area	151- 13- F5		GY	2
C322	On RH side of RH front seat, on right power lumbar seat switch	151- 10- B9		GY	2
C323	On LH side of LH front seat, on left power lumbar seat switch	151- 10- F2		GY	2
C324 (2 Door)	RH side of rear package tray, on right rear speaker	151- 10- D9		GY	2
C324 (3 Door)	RH front of cargo area, on right rear speaker	151- 12- A8		GY	2
C324 (Convertible)	In front of RH rear quarter panel, on right rear speaker	151- 14- B9		GY	2

152-21 LOCATION INDEX

Connector	Location	Page Zone	Connector Page	Color	Terminal
C325 (2 Door)	LH side of rear package tray, on left rear speaker	151- 10- F8		GY	2
C325 (3 Door)	LH front of cargo area, on left rear speaker	151- 12- F6		GY	2
C325 (Convertible)	In front of LH rear quarter panel, on left rear speaker	151- 14- F5		GY	2
C350	Below center console, on power mirror switch	151- 9- D1	150–15	GY	8
C400	Below rear of car, above fuel tank	151- 9- B9		BR	4
C401	LH rear corner of hatchback	151- 12- F7		GY	3
C403 (2 Door)	LH side of trunk, above rear of wheel well	151- 9- F9		GY	3
C403 (3 Door)	LH side of cargo area, above rear of wheel well	151- 13- F6		GY	3
C403 (Convertible)	LH front of trunk, above wheel well	151- 15- F7		GY	3
C405 (2 Door)	LH side of trunk, above rear of wheel well	151- 9- F8			3
C405 (3 Door)	LH side of cargo area, above rear of wheel well	151- 13- F6			3
C405 (Convertible)	LH front of trunk, above wheel well	151- 15- F6		GY	1
C406 (2 Door)	LH side of trunk, above rear of wheel well	151- 9- F6		BR	1
C406 (3 Door)	LH side of cargo area, above rear of wheel well	151- 12- F9		BR	1
C407	LH rear corner of hatchback	151- 12- F7		BR	1
C408	LH rear corner of hatchback	151- 12- F7			3
C409	Behind top center of rear seat, near convertible top motor	151- 14- F7		BK	2
C410	Below rear of car, on fuel gauge sender	151- 14- C9		GY	2
C411	Below rear of car, on fuel pump	151- 12- E9		R	2
C412	Center rear of hatchback, on hatchback release solenoid	151- 12- C9		N	2
C413	Lower LH center rear of trunk, on inertia switch	151- 9- E9		GY	3
C414	Behind top center of rear seat, on lower relay	151- 14- F6	150–13	GR	5
C415	Behind top center of rear seat, on raise relay	151- 14- F6	150–20	GR	5
C416	Center rear of hatchback, on rear courtesy lamp switch	151- 12- D9		BK	2
C417 (2 Door)	In center rear of trunk lid, on trunk lid release solenoid	151- 9- C9		GY	1
C417 (Convertible)	Center rear of trunk lid, on trunk lid release solenoid	151- 14- D9		GY	1
C418	LH rear of car, on left rear turn lamp	151- 11- F9		BK	2
C419	LH rear of car, on left rear park/stop lamp	151- 11- F7		BK	3
C420	LH rear of car, on left rear side marker lamp	151- 11- F6		BK	2
C421	LH rear of car, on left backup lamp	151- 11- F8		BK	2
C422	RH rear of car, on right rear turn lamp	151- 11- D9		BK	2
C423	RH rear of car, on right rear side marker lamp	151- 11- C9		BK	2

Connector	Location	Page Zone	Connector Page	Color	Terminal
C424	RH rear of car, on right rear park/stop lamp	151- 11- C9		BK	3
C425	RH rear of car, on right backup lamp	151- 11- D9		BK	2
C426 (2 Door And Convertible)	In center rear of trunk lid, on right license lamp	151- 11- E9		BK	2
C426 (3 Door)	In center rear of hatchback, on right license lamp	151- 13- E9		BK	2
C427 (2 Door And Convertible)	In center rear of trunk lid, on left license lamp	151- 11- E9		BK	2
C427 (3 Door)	In center rear of hatchback, on left license lamp	151- 13- F9		BK	2
C428 (2 Door)	In center rear of trunk lid, on luggage compartment lamp	151- 9- D9		BK	1
C428 (Convertible)	LH rear of trunk lid, on luggage compartment lamp	151- 14- F8		BK	1
C429	Center rear of cargo area, on cargo lamp	151- 12- D9		GY	2
C430	In center of rear spoiler, near hi mount stop lamp	151- 13- C9		GY	2
C431	Center rear of trunk lid, to hi mount stop lamp	151- 15- A8		GY	2
C502	In center of LH front door, on master window/door lock control switch	151- 11- D1	150–24	BK	16
C503	In rear of LH front door, on left door lock motor	151- 11- E1		GY	2
C504	In lower front of LH front door, near left front window motor	151- 11- F3		GY	2
C505	In center of LH front door, on master window/door lock control switch	151- 15- C1	150–24	BK	16
C508	In front of LH front door, on left door speaker	151- 10- D1		GY	2
C509	Top front of LH front door, on left power mirror	151- 11- C1		GY	3
C602	In center of RH front door, on right window/door lock control switch	151- 11- A6	150–25	BK	10
C603	In rear of RH front door, on right door lock motor	151- 11- B4		GY	2
C604	In lower front of RH front door, near right front window motor	151- 11- B9		GY	2
C606	In center of RH front door, near right door lock switch	151- 11- A8	150- 2	BR	6
C607	In front of RH front door, on right door speaker	151- 10- A5		GY	2
C608	Top front of RH door, on right power mirror	151- 11- A5		GY	3
C900	Center of windshield header, on map lamp	151- 15- A4		BK	3
C916	At RH vanity mirror, on right vanity mirror lamp	151- 9- A2		N	1
C917	At LH vanity mirror, on left vanity mirror lamp	151- 9- C1		N	1
C918	Center of roof, on map lamp	151- 9- A7		Y	1
C926	Center of roof, on dome lamp	151- 9- A5		GY	1
C927	Center of windshield header, on dome lamp	151- 9- A1		GY	2

152-23 LOCATION INDEX

Connector	Location	Page Zone	Connector Page	Color	Terminal
C1000	RH rear of engine compartment, on octane adjust shorting bar	151- 2- A4		BK	2
C1001	Lower LH front of engine, on oil pressure sender	151- 5- F6		BK	1
C1002	LH rear of engine, on oil pressure switch	151- 3- A5		BK	1
C1003	Lower LH side of engine, on power steering pressure switch	151- 1- F7		BK	2
C1004	Top RH side of engine, on primary coil (RH)	151- 2- C1		BK	3
C1005	Lower RH rear of engine, near right heated exhaust gas oxygen (HEGO) sensor	151- 5- C1		BK	4
C1006	Top RH front of engine, near radio noise capacitor	151- 2- E1		GY	1
C1007	Top RH front of engine, on secondary coil (LH)	151- 2- E1		BK	3
C1008 (2.3L)	In rear of LH front fender, on speed control servo	151- 3- A9	150–22		6
C1008 (5.0L)	In rear of LH front fender, on speed control servo	151- 4- A9	150–22		6
C1009 SPOUT Check Connector (2.3L)	Top LH front of engine, near distributorless ignition system (DIS) module	151- 2- D9		BK	2
C1009 SPOUT Check Connector (5.0L)	LH front of engine, taped to engine harness, near distributor	151- 4- F5		BK	2
C1011 Tach Service Connector	LH front of engine, near distributorless ignition system (DIS) module	151- 2- A6		BK	2
C1012	Center front of engine, on TFI ignition module	151- 4- F4	150–22	GY	6
C1013	RH rear of engine compartment, on thermactor air bypass (TAB) solenoid	151- 5- B1		BK	2
C1014	RH rear of engine compartment, on thermactor air diverter (TAD) solenoid	151- 5- A1		BK	2
C1015	Top RH side of engine, near throttle position sensor	151- 5- A4		BK	3
C1016	LH rear of transmission, on vehicle speed sensor (VSS)	151- 11- B1		W	2
C1018 (2.3L)	In front of LH fender, on windshield washer pump motor	151- 2- D9		BK	2
C1018 (5.0L)	In front of LH fender, on windshield washer pump motor	151- 5-D10		BK	2
C1019 Windshield Washer Pump Test Connector (2.3L)	Lower LH side of engine compartment, taped to main harness	151- 2- B9		GY	1
C1019 Windshield Washer Pump Test Connector (5.0L)	Lower LH side of engine compartment, taped to main harness	151- 5- C9		GY	1
C1020	RH side of engine compartment, on WOT cutout relay	151- 5- D1	150–26		5
C1021	Lower LH front of car, on left fog lamp	151- 5- F7			2
C1022	LH front of car, on left front side marker lamp	151- 3- F9		BK	2

Connector	Location	Page Zone	Connector Page	Color	Terminal
C1023	LH front of car, on left headlamp	151- 3- F9		BK	5
C1024	LH front of car, on left front park/turn lamp	151- 3- F8			3
C1025	Lower RH front of car, on right fog lamp	151- 5- F3			2
C1026	RH front of car, on right front side marker lamp	151- 3- E1		BK	2
C1027	RH front of car, on right headlamp	151- 3- F2		BK	5
C1028	RH front of car, on right front park/turn lamp	151- 3- F3			3
C1029	LH front of engine compartment, near headlamp	151- 5- F8		BK	2
C1030	RH front of engine compartment, near headlamp	151- 5- F3		BK	2
C1031	Top rear of engine, on throttle position sensor	151- 1- A5		BK	3
C1032	RH side of engine compartment, on canister purge solenoid	151- 1- C1		BK	2
C2001	Top RH side of steering column, on ignition switch	151- 7- A8	150- 9	BK	11
C2002	Behind LH side of I/P, on interval governor	151- 8- F9		GY	10
C2004	Behind RH center of I/P, on LCD illumination relay	151- 7- A2	150-13	GY	5
C2005	Behind top LH side of I/P, on main light switch	151- 7- B9	150-13	GY	6
C2006	Below rear of center console, on park brake switch	151-10- F6		N	1
C2007	Behind LH side of I/P, on rear window defrost control relay	151- 7- E9	150-20	N	5
C2008	Top RH side of steering column, on shift lock actuator	151- 8- A7			3
C2009	In center of steering wheel, on steering column air bag	151- 6- F6			2
C2010	Center of steering column, near clockspring/slip ring assembly	151- 8- C9		GY	3
C2011	Behind LH side of I/P, on stop lamp switch	151- 7- F4		BK	2
C2012	Behind center of I/P, on turn signal flasher	151- 7- F3		BK	2
C2013	Behind center of I/P, on warning chime module	151- 7- D1	150-23	W	10
C2014	Behind top of LH cowl panel, on window safety relay	151- 6- B1	150-23	GR	5
C2015	Behind center of I/P, on blower motor switch	151- 7- A4		GY	4
C2016	RH side of I/P, on glove box lamp	151- 7- B1		BR	2
C2017	Behind center of I/P, on A/C-heater control illumination	151- 8- A3		BK	2
C2018	Top LH side of steering column, near steering wheel control switch	151- 7- D9		GY	3
C2019	RH side of I/P, on trunk lid/hatchback release switch	151- 7- A1		GY	2
C2020	Behind top LH side of I/P, on rear window defrost switch	151- 7- A7		GY	4
C2022	Behind top LH side of I/P, on instrument panel dimming rheostat	151- 8- C9		BK	4
C2023	Top LH side of I/P, on convertible top switch	151- 7- A7		GY	4

152-25 LOCATION INDEX

Connector	Location	Page Zone	Connector Page	Color	Terminal
C2024	Behind top RH corner of I/P, on right dash speaker	151- 8- A2		GY	2
C2025	Behind top LH corner of I/P, on left dash speaker	151- 8- B9		GY	2
C2026	Top RH side of steering column, near ignition key warning switch	151- 7- A9		GY	1
C2027	RH side of engine compartment, on fuel pump relay	151- 9- F2	150- 4	GR	5
C2030	Behind center of I/P, near graphic equalizer	151- 8- F7	150- 4	GY	12
C2031	Behind center of I/P, on rear of radio	151- 8- F5	150-19		8

Ground	Location	Page Zone
G100 (2.3L)	LH side of engine compartment, on front of wheel well	151- 2- C9
G100 (5.0L)	LH side of engine compartment, on front of wheel well	151- 5-D10
G102 (2.3L)	Top front of LH fender apron	151- 3- F7
G102 (5.0L)	Top front of LH fender apron	151- 5-E10
G103 (2.3L)	Top front of RH fender apron	151- 3- E1
G103 (5.0L)	Top front of RH fender apron	151- 5- E1
G104 (2.3L)	Front of LH fender apron, near windshield washer fluid reservoir	151- 2- D9
G104 (5.0L)	Front of LH fender apron, near windshield washer fluid reservoir	151- 5-D10
G105 (2.3L)	Lower LH front of engine, below integral alternator regulator (IAR)	151- 2- F6
G105 (5.0L)	Lower LH front of engine, below A/C compressor assembly	151- 5- F6
G106	LH side of engine compartment, on front of wheel well	151- 2- C9
G109	RH rear of engine, below valve cover	151- 5- A5
G200	Behind center of I/P, on I/P support brace	151- 7- F5
G201	Behind RH cowl panel, below electronic engine control (EEC) module	151- 6-D10
G202	Behind center of I/P, on I/P support brace	151- 6- A5
G203	Behind center of I/P, on I/P support brace	151- 7- F5
G300	Below LH front seat	151-10- F2
G301	Below rear of center console, on park brake assembly	151-10- F6
G302 (2 Door)	RH side of trunk, above wheel well	151- 9- A9
G302 (3 Door)	In RH side of hatchback, below rear window	151-12- B9
G304	Behind top center of rear seat, RH side of convertible top motor	151-14- B9

152-27 LOCATION INDEX

Splice	Location
S121	Fuel charge harness, near T/O to EGR valve position sensor
S122	Fuel charge harness, near T/O to fuel injector No. 4
S123 (2.3L)	Engine harness, near T/O to barometric absolute pressure (BAP) sensor
S123 (5.0L)	Engine harness, near T/O to clutch cycling pressure switch
S124	Engine harness, near T/O to C119
S125	Engine control sensor extension harness, near T/O to SPOUT check connector C1009
S126	Engine control sensor extension harness, in T/O to C101
S127	Main harness, near T/O to fuse link N
S128	Fuel charge harness, near T/O to C119
S129	Main harness, near T/O to windshield washer pump test connector C1019
S130	Dash panel to headlamp junction harness, near T/O to G102
S131	Engine control sensor extension harness, near T/O to C105
S132	Engine harness, near T/O to VIP test connectors C198 and C199
S133	Dash panel to headlamp junction harness, near T/O to low coolant switch
S134	Engine control sensor extension harness, near T/O to SPOUT check connector C1009
S135	Engine control sensor extension harness, near T/O to C1034
S136	Engine harness, near T/O to integrated control module
S137	Engine harness, near T/O to integrated control module
S138	Engine harness, near T/O to octane adjust shorting bar
S140	Dash panel to headlamp junction harness, near T/O to integral alternator regulator (IAR)
S200	Main harness, near T/O to fuse panel
S201	Main harness, at T/O to low oil warning relay
S204	Main harness, near T/O to fuse panel
S205 (With Graphic Equalizer)	Radio power booster and equalizer amplifier harness, near T/O to G203
S205 (Without Graphic Equalizer)	Radio speaker jumper harness, near T/O to radio
S206	Main harness, near T/O instrument cluster, connector C251
S207	Main harness, near T/O to fuse panel
S208	Main harness, near T/O to C251
S209	Main harness, near T/O to ignition switch
S212	Main harness, near T/O to fuse panel
S214	Main harness, near T/O to blower motor switch
S215	Main harness, near T/O to fuse panel
S216	Main harness, near T/O to clutch interrupt switch

Splice	Location
S217	Engine harness, near T/O to electronic engine control (EEC) module
S218	Main harness, near T/O to low oil warning relay
S220	Main harness, near T/O to C251
S221	Main harness, near T/O to blower motor resistor assembly
S222	Main harness, near T/O to ignition switch
S223	Main harness, near T/O to C251
S224	Window regulator relay switch harness, near T/O to C221
S225 (2 And 3 Door)	Window regulator relay switch harness, near T/O to C221
S225 (Convertible)	Window regulator relay switch harness, near T/O to C225
S226	Main harness, at T/O to low oil warning relay
S227	Main harness, at T/O to low oil warning relay
S228	Main harness, near T/O to C213
S229	Main harness, near T/O to blower motor resistor assembly
S230 (With Graphic Equalizer)	Radio power booster and equalizer amplifier harness, near T/O to G203
S230 (Without Graphic Equalizer)	Radio speaker jumper harness, near T/O to radio
S231	Window regulator left front harness, near T/O to C227
S233	Main harness, in T/O to fuse panel
S237	Main harness, near T/O to C251
S300	Rear lamp harness, near T/O to G300
S301	Rear lamp harness, near T/O to convertible top motor
S302	Seat switch and wire assembly, near T/O to C304
S303 (With Moonroof)	Interior lamp harness, near T/O to dome lamp
S303 (Without Moonroof)	Interior lamp feed harness, near T/O to right vanity mirror lamp
S304	Rear lamp harness, near T/O to G300
S305	Rear lamp harness, near T/O to C309
S306	Seat switch and wire assembly, near T/O to C304
S400	Rear lamp harness, near T/O to right backup lamp
S401	Rear lamp harness, near T/O to left rear park/stop lamp
S402 (2 Door And Convertible)	Luggage compartment lamp harness, near T/O to left license lamp
S402 (3 Door)	Rear license lamp harness, near T/O to C401
S403	Rear lamp harness, near T/O to right rear turn lamp
S404	Luggage compartment lamp harness, near T/O to left license lamp
S408	Rear lamp harness, near T/O to C403

152-29 LOCATION INDEX

Splice	Location
S411	Rear lamp harness, near T/O to left backup lamp
S412	Rear lamp harness, near T/O to left rear park/stop lamp
S500	Window regulator left front door harness, near T/O to master window/door lock control switch
S501	Window regulator left front door harness, near T/O to master window/door lock control switch
S600 (With Power Windows)	Window regulator right front door harness, near T/O to right window/door lock control switch
S600 (Without Power Windows)	Right front door lock harness, near T/O to C606
S601 (With Power Windows)	Window regulator right front door harness, near T/O to right window/door lock control switch
S601 (Without Power Windows)	Right front door lock harness, near T/O to C606

160-1 VEHICLE REPAIR LOCATION CODES

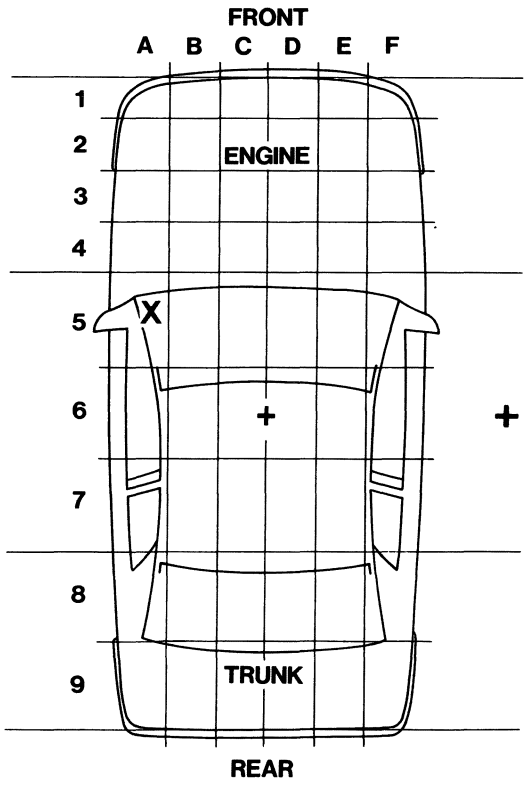
VEHICLE REPAIR LOCATION CODES

TO PINPOINT THE ACTUAL VEHICLE LOCATION OF A REPAIR. THE VEHICLE REPAIR LOCATION CODE IS REQUIRED.

FOR EXAMPLE, AN "X" HAS BEEN PLACED IN THE QUADRANT OF THE VEHICLE DIAGRAMS INDICATING THE LOCATION OF THE REPAIR. SEE DIAGRAMS.

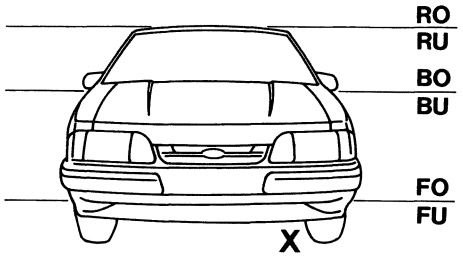
LOCATION CODE, FOR THE EXAMPLE IS: A5/FU — (UNDER THE FLOOR OF DRIVER'S LEFT FOOT.)

FRONT/REAR DIRECTION



+ CENTER OF VEHICLE

OVER/UNDER DIRECTION



R = ROOF LINE
RO = ROOF OVER
RU = ROOF UNDER

B = BELT LINE
BO = BELT OVER
BU = BELT UNDER

F = FLOOR PAN
FO = FLOOR OVER
FU = FLOOR UNDER