Electrical Circuit Diagrams

Elektrische Circuitdiagrammen
Schémas Électriques
Elektrische Schaltpläne
Schema di Circuiti
Esquemas de Circuitos Eléctricos
Diagramas dos Circuitos Eléctricos
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<th>CODE</th>
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<th>CODE</th>
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<th>CODE</th>
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<td>GIALLO</td>
<td>Y</td>
<td>AMARILLO</td>
<td>Y</td>
<td>AMARELO</td>
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</table>
HOW TO USE THE CIRCUIT DIAGRAMS

All of the information in this folder is intended for use with the Electrical Reference Library on TestBook.

The circuit diagrams are presented with Power and Ground distribution first, followed by individual circuits for each electrical system on the car.

Wiring between connectors and components shown in the diagrams represents the actual wiring as it exists on the vehicle. A chart is provided, giving colour codes for the wiring colour identification.

Power Distribution
The Power Distribution diagram shows the connections from the battery to the engine and passenger compartment fuseboxes. It also shows the internal circuits of both the passenger and engine compartment fuseboxes.

Earth Distribution
The earth distribution diagram shows the individual earth points and all the circuits affected by them.

DIN Voltage Designations
The following DIN voltage designations have been used to describe voltage conditions.

Sealed connector number two, the first part is the connector identifier, e.g. C53, the second part is the pin number, i.e., a 53-3 which indicates that the particular wire is connected to pin number 3. Should be used in conjunction with the Connector Detail section of the Electrical Reference Library.

Line Types

**SEE ABS CIRCUIT**

This means the wire(s) connect(s) to another circuit or component.

A

B

Connector - Direction of the "small" indicates male and female halves of connector.

A. Plug an overload (Flylead) wired directly to the component.

B. Connector plugs directly into component.

Components

<table>
<thead>
<tr>
<th>Component</th>
<th>Description</th>
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<tbody>
<tr>
<td>C390-6</td>
<td>RH REAR LAMPS</td>
</tr>
<tr>
<td>C390-1</td>
<td>703 BRAKE LAMP</td>
</tr>
<tr>
<td>C390-6 B</td>
<td>632 REVERSE LAMP(S)</td>
</tr>
</tbody>
</table>

Name or description - appears next to the component. The numbers inside the component correspond to the description under the component name. These numbered references are used to describe additional circuitry within components.

Switch or Component Internal Symbols
Symbols are used to describe certain switch positions. These symbols logically represent switch positions according to the circuit operation. In some instances the symbols will be the same symbol printed on the switch assembly. Other commonly used symbols have been described below:

<table>
<thead>
<tr>
<th>Symbol</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>![Symbol A]</td>
<td>Left used to represent the operation of the left direction indicator and movement of a motor to the left.</td>
</tr>
<tr>
<td>![Symbol B]</td>
<td>Right used to represent the operation of the right direction indicator and movement of a motor to the right.</td>
</tr>
<tr>
<td>![Symbol C]</td>
<td>Up or Unlock used to represent the movement of a motor upwards or the unlocking of a door lock motor.</td>
</tr>
<tr>
<td>![Symbol D]</td>
<td>Down or Lock used to represent the movement of a motor downwards or the locking of a door lock motor.</td>
</tr>
</tbody>
</table>

Fuses and Diodes

- Fuse symbol (A) and current rated fuses (B) are drawn as shown.
- Diode (C) current flow is in the direction of the arrow. Zener type diode (I) prevents current flow until a specific voltage is reached.

<table>
<thead>
<tr>
<th>Component</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Resistor or Heating element</td>
<td>Coll (also Solenoids and Sensors)</td>
</tr>
</tbody>
</table>