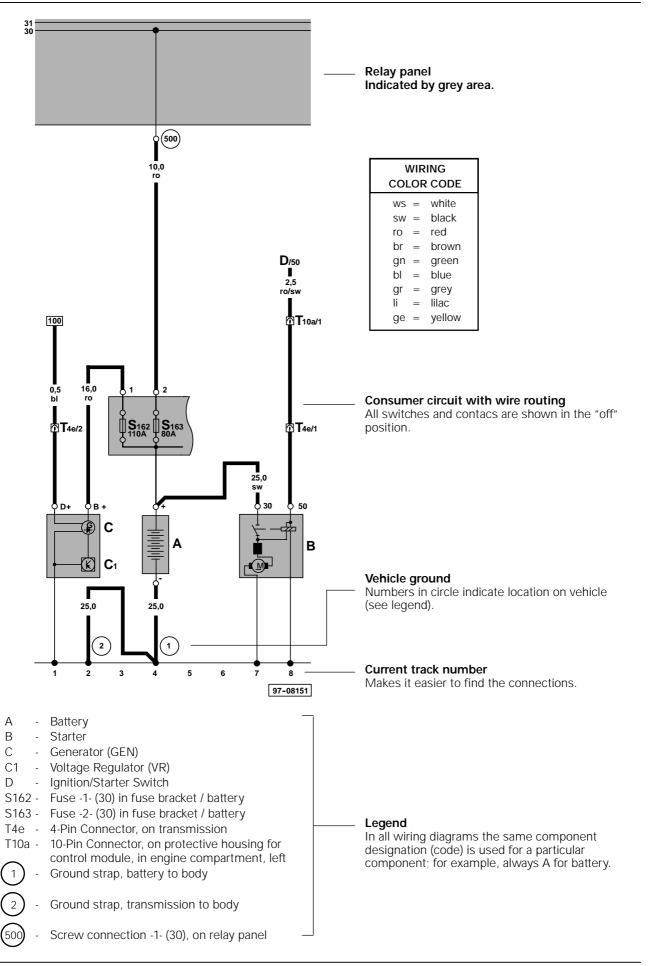
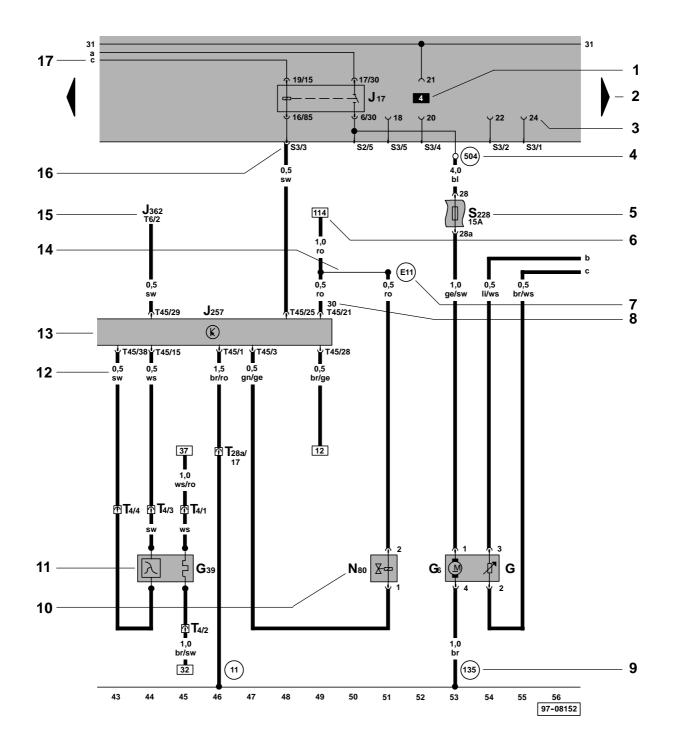
# Wiring diagram layout





## How to read wiring diagrams

#### 1 - Relay location number

Indicates location on relay panel.

#### 2 - Arrow

Indicates wiring circuit is continued on the previous and/or next page.

#### 3 - Connection designation - relay control module on relay panel

Shows the individual terminals in a multi-point connector. For example: contact 24 on terminal 4 on relay panel.

#### 4 - Diagram of threaded pin on relay panel

White circle shows a detachable connection.

#### 5 - Fuse designation

For example: S228 = Fuse number 28, 15 amps, in fuse holder

## 6 - Reference of wire continuation (current track number)

Number in frame indicates current track where wire is continued.

## 7 - Wire connection designation in wiring harness

Location of wire connections are indicated in the legend.

### 8 - Terminal designation

Designation which appears on actual component and/or terminal number of a multi-point connector.

### 9 - Ground connection designation in wire harness

Locations of ground connections are indicated in legend.

#### 10 - Component designation

Use legend at bottom of page to identify the component code.

#### 11 - Component symbols (see page IV - VI)

## 12 - Wire cross-section size (in mm<sup>2</sup>) and wire colors

Abbreviations are explaining in color chart beside the wiring diagram.

#### 13 - Component symbol with open drawing side

Indicated component is continued on another wiring diagram. The number of corresponding wiring diagram can taken from list of contents.

#### 14 - Internal connections (thin lines)

These connections are **not** wires. Internal connections are current carrying and are listed to allow tracing of current flow inside components and wiring harness.

## 15 - Reference of continuation of wire to component

For example: Control module for anti-theft immobilizer J362 on 6-Pin Connector, terminal 2

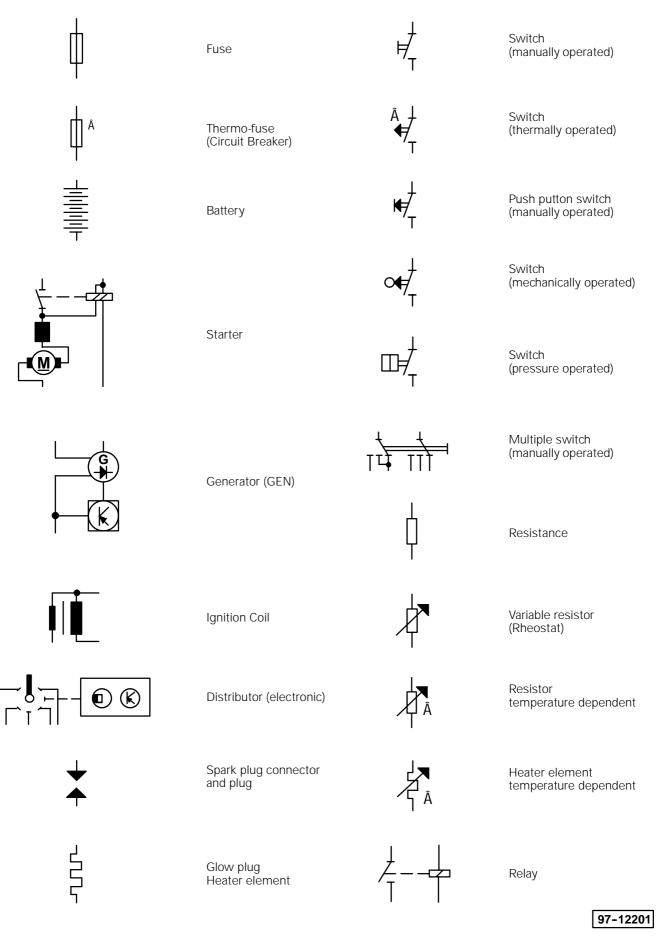
## 16 - Relay panel connectors

Shows wiring of multi-point or single connectors on relay panel For example: S3/3 - Multi-point connector S3, terminal 3

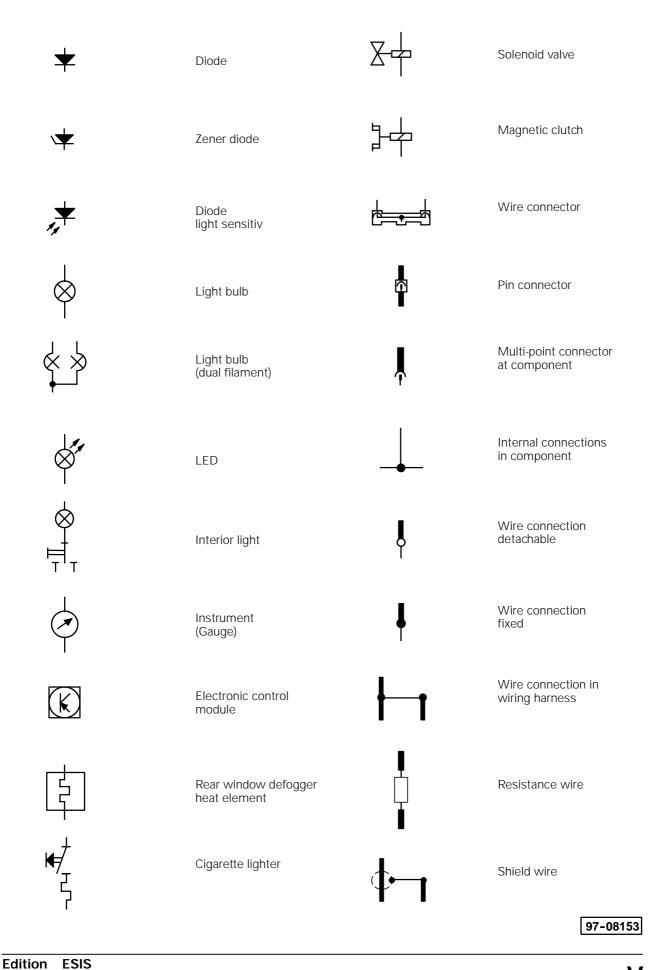
## 17 - Reference of internal connection continuation

Letters indicate where connection continues on the previous and/or next page.

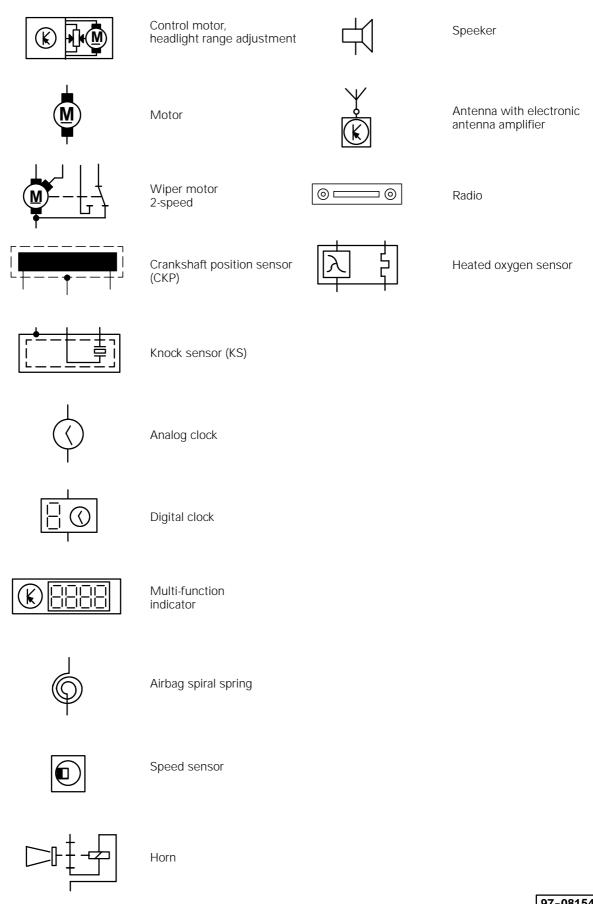
# Symbols used in wiring diagrams



# Symbols used in wiring diagrams



# Symbols used in wiring diagrams

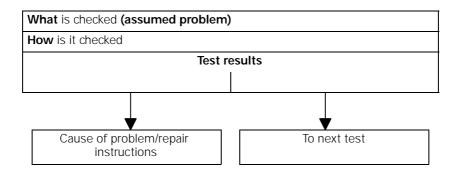


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# **Explanation of troubleshooting procedures**

Starting with the reported problem, troubleshooting procedures show step-by-step **what** is checked and **how** it is checked in order to find the problem in the quickest and most reliable way. If several causes (of a problem) are possible in one system, a test procedure is used for diagnosis.

## Structure of a Test step:



### Example of a troubleshooting procedure:

