

## WIRE SIZE AND COLOR

Wire size and insulation color for each wire is shown on the Schematic/Wiring Diagrams to aid in locating specific wires. Wire size (crosssectional area) is given in square millimeters, 0.5, 0.75, 1.0, 1.5, 2.5, 4.0, 6.0, 10, 25, 35. The first color given on the diagrams is the base or overall insulation color. Second and third colors, if any, designate stripes. Solid brown insulation is used only for ground wires.

The color code used in this Manual is somewhat different from the code used in Mercedes-Benz documents prepared in Germany. All color codes used in the Manual are two letter, selected to closely relate to the English word they represent. Notice that lower case letters are used.

COLOR	GERMAN EQUIVALENT	CODE USED IN ETM
White	ws	wt
Green	gn	gn
Brown	br	br
Yellow	ge	yl
Gray	gr	gy
Pink	rs	pk
Blue	bl	bu
Red	rt	rd
Black	sw	bk
Ivory	el	iv
Natural	nf	nt
Violet	vi	vi

### Example:

Wire designation: 1.5 gy/rd  
 Wire size: 1.5 mm<sup>2</sup>  
 Insulation base color: gray  
 Insulation strip color: red

The following table shows wire size in American Wire Gauge (AWG) to be used if metric sized wire is unavailable.

METRIC (Crosssectional area in mm <sup>2</sup> )	AWG
.75	18
1	16
2.5	12
4	10
6	8
8	8
16	4

## RELAY CODE DESIGNATION

Since the exact position of relays varies due to manufacturing convenience, the harness leading to each relay is tagged as a means of identifying each relay. The following listing identifies the code numbering system.

<u>Code Number</u>	<u>Function</u>
1	Fuel pump
2	Cold start valve
3	Fuel injection
4	A/C starter
5	Change-over valve
6	Auxiliary fan
7	Seat belt warning system
8	Change-over valve with additional fan
9	Window regulator
10	Window regulator
11	Starter terminal 50
12	Air conditioning system
13	Headlight cleansing equipment
16	Headlight flasher
17	Carburetor heater
19	EGR/ignition advance
20	Heater coil choke cover
21	Fuel Pump Relay

## CONNECTOR LIST

- C 101 Battery
- C 102 Impulse trigger (trigger points)
- C 103 Fuel injection circuit
- C 104 Rear harness circuits
- C 105 Charge/start circuit (3 or 4 pin)
- C 106 Combination switch
- C 107 Electric window circuit
- C 108 Electric window circuit
- C 109 Front dome light
- C 110 Rear dome light
- C 111 Hot start circuit
- C 112 Windshield wiper/washer
- C 116 Ignition points terminal block
- C 117 Heater controls lights
- C 118 Cruise control
- C 119 Cruise control
- C 120 Cruise control
- C 121 Cruise control
- C 122 Heater control valves
- C 123 Heated rear window
- C 131 Brake pad sensor
- C 132 Brake pad sensor
- C 133 Air conditioner
- C 134 Heater circuit
- C 135 Power antenna
- C 140 Cruise control