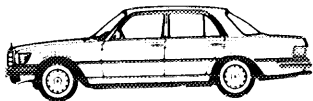


Mercedes-Benz

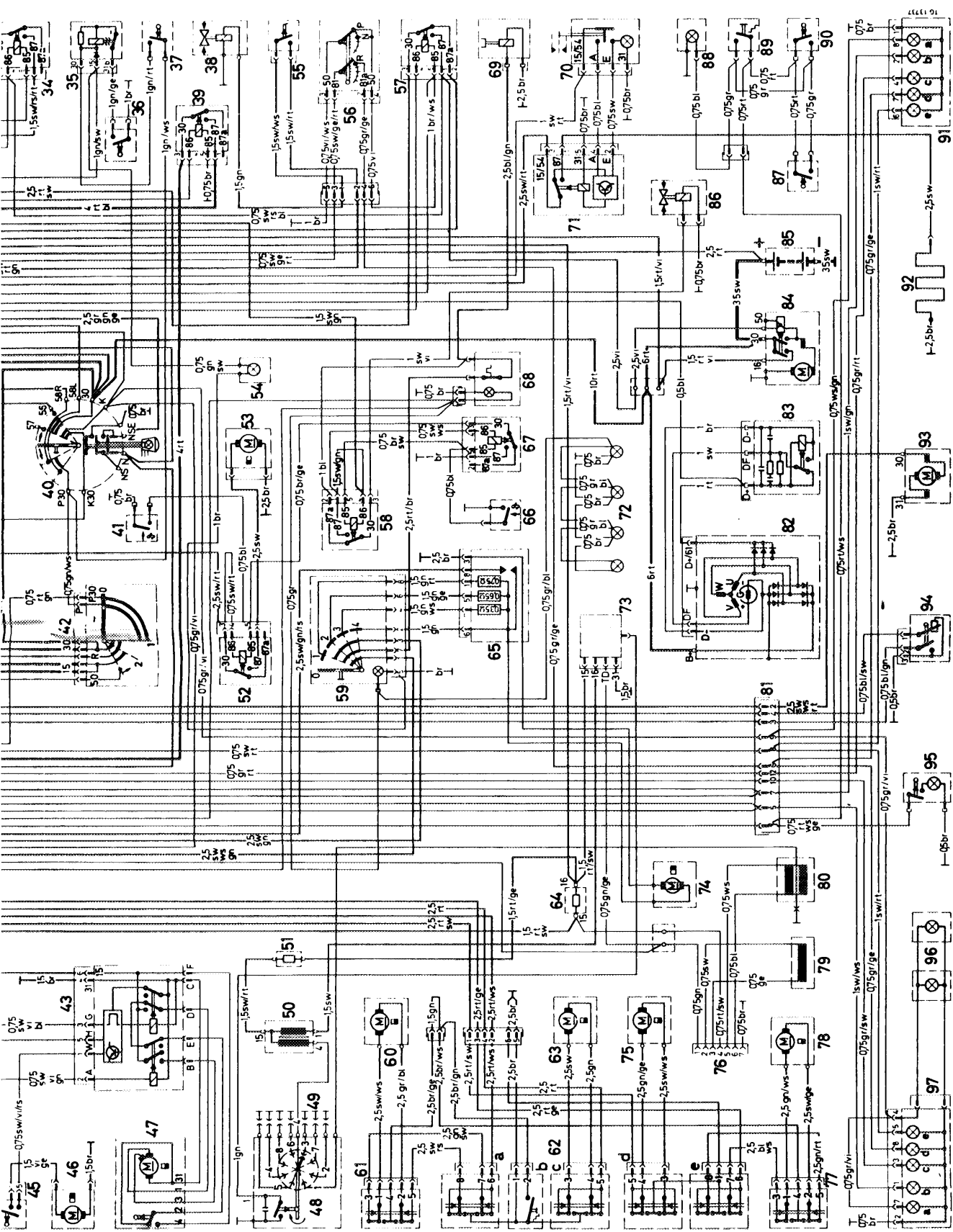
450 SE

450 SEL



Electric Wiring Diagram

Emission control 1973



Electrical Wiring Diagram Type 450 SE · 450 SEL

- | | | | | | | | |
|----|--|-----|---|----|--|----|--------------------------|
| 1 | Light unit left | 20 | Dual-tone horns (fanfares) | 49 | Spark plugs | 87 | Door contact: rear right |
| a | High beam | 21 | Brake fluid control switch | 50 | Ignition coil | 88 | Rear dome light |
| b | Low beam | 22 | 4-way warning flasher switch | 51 | Pre-resistance 0.6 Ω | 89 | Rear dome light switch |
| c | Standing/parking light
(side marker light) | 23 | Directional and 4-way warning
flasher relay | 52 | Relay auxiliary fan | 90 | Door contact: rear left |
| d | Turn signal light | 24 | Horn contact | 53 | Auxiliary fan | 91 | Tail light right |
| e | Fog lamp | 25 | Door contact switch left | 54 | Safety belt warning light | a | Side marker light |
| 2 | Radio | 26 | Fuse box | 55 | Kick-down switch | b | Turn signal light |
| 3 | Automatic antenna | 26a | Fuse for radio | 56 | Starter-lockout and back-up light switch | c | Tail and parking light |
| 4 | Instrument cluster | 27 | Safety belt warning system | 57 | Relay air conditioner | d | Back-up light |
| a | Turn signal control — left | a | Driver's seat retractor switch | 58 | Relay change-over valve | e | Brake light |
| b | Service and parking brake pilot | b | Passenger seat retractor switch | 59 | Blower switch | 92 | Heated rear window |
| c | Fuel reserve warning light | c | Switch in front passenger seat | 60 | Push button window motor — rear left | 93 | Fuel pump |
| d | Fuel gauge | 28 | Warning system relay | 61 | Left rear window switch | 94 | Fuel tank gauge sensor |
| e | Temperature gauge | 29 | Impulse trigger in distributor | 62 | Switch group: push button windows | 95 | Trunk light |
| f | Instrument lights | 30 | Starting valve | a | Rear left side window switch | 96 | License plate light |
| g | Rheostat-instrument lights | 31 | Thermal time switch | b | Safety switch | 97 | Tail light — left |
| h | Charge indicator light | 32 | Main relay for electronic fuel injection | c | Front left window switch | a | Side marker light |
| i | High beam pilot | 33 | Fuel pump relay | d | Rear right window switch | b | Turn signal light |
| j | Turn signal control — right | 34 | Starting valve relay | e | Rear right side window switch | c | Tail and parking light |
| k | Electric clock | 35 | Warning buzzer | 63 | Push button window motor — front left | d | Back-up light |
| l | Tachometer | 36 | Warning buzzer contact | 64 | Pre-resistance 0.4 Ω | e | Brake light |
| 5 | Temperature gauge sensor | 37 | Door contact switch II left | 65 | Pre-resistances for blower motor | | |
| 6 | Water temperature sensor | 38 | Solenoid valve for automatic
transmission | 66 | Temperature switch: 100° C (212° F) | | |
| 7 | Air temperature sensor | 39 | Push button window relay | 67 | Relay cut-out auxiliary fan from ignition
switch-over | | |
| 8 | Light unit right | 40 | Rotary light switch | 68 | Air conditioning thermostat | | |
| a | High beam | 41 | Temperature switch 62° C (144° F),
refrigerant reservoir | 69 | Solenoid clutch for refrigerant compressor | | |
| b | Low beam | 42 | Ignition starter switch | 70 | Switch for heated rear window | | |
| c | Standing/parking light
(side marker light) | 43 | Electronic interval wipe control | 71 | Delay relay for heated rear window | | |
| d | Turn signal light | 44 | Combination switch | 72 | Lights for heater controls | | |
| e | Fog lamp | a | Turn signal light switch | 73 | Transistorized ignition switching unit | | |
| 9 | Electronic control unit — Multi-point
connector | b | Passing light switch | 74 | Blower motor | | |
| 10 | Fuel injection valves with pertinent
cylinder designation | c | Manual dimmer switch | 75 | Push button window motor — front right | | |
| 11 | Intake manifold sensor | d | Wiper switch | 76 | Diagnostic plug | | |
| 12 | Throttle valve switch | e | Switch for wiping speed | 77 | Rear right window switch | | |
| 13 | Switch for glove compartment light | l | Slow wiping | 78 | Push button window motor — rear right | | |
| 14 | Glove compartment light | ll | Fast wiping | 79 | Top dead center sensor | | |
| 15 | Brake light switch | lll | Intermittent wiping | 80 | Impulse trigger sensor | | |
| 16 | Lighter | 45 | Windshield washer switch | 81 | Plug connection for tail light unit | | |
| 17 | Door contact switch — right | 46 | Electric washer pump | 82 | Alternator | | |
| 18 | Reading light | 47 | Wiper motor | 83 | Alternator regulator | | |
| 19 | Switch for parking brake pilot | 48 | Distributor | 84 | Starter | | |
| | | | | 85 | Battery | | |
| | | | | 86 | Change-over valve: rpm increase | | |

Wire Color Code:

- ws = white
- gn = green
- br = brown
- ge = yellow
- gr = gray
- rs = pink
- bl = blue
- rt = red
- sw = black
- el = ivory
- nf = natural
- vi = violet

Example:

Wire designation 1.5 gr/rt
 Base color gr = gray
 Identification color rt = red
 Cross section of wire 1.5 = 1.5 mm²

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