

MERCEDES-BENZ

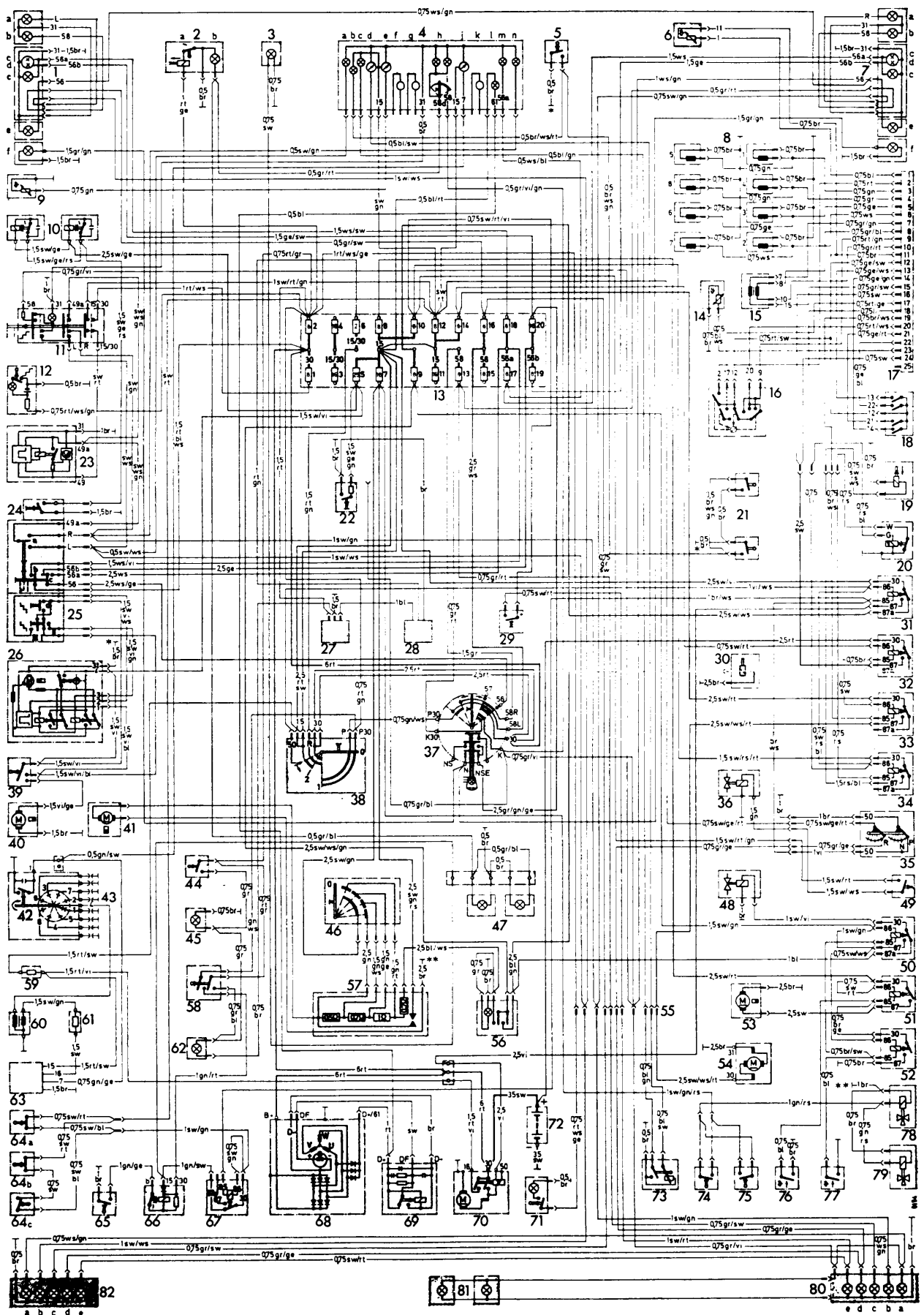


Electric wiring diagram

Chassis type 107.044

350 SL

Electric wiring diagram



Explanation of wiring diagram (with "Automatic Transmission" and "Air Conditioner")

- | | | | | | |
|----|---|-----|--|----|---|
| 1 | Light assembly, left | 21 | Warning light switch, brake fluid level | 52 | Relay 2 emission control |
| a | Turn signal | 22 | Cigar lighter | 53 | Electrically operated fan |
| b | Parking light/side light | 23 | Turn signal and hazard warning flasher relay | 54 | Fuel pump |
| c | High beam | 24 | Horn contact | 55 | Plug connection for all light wiring harness |
| d | Low beam | 25 | Combination switch | 56 | Temperature control, air conditioner |
| e | Side marker light | a | Turn signal switch | 57 | Blower motor series resistor (heater) |
| f | Fog light | b | Headlight flasher switch | 58 | Door contact switch, left |
| 2 | Electric clock | c | Hand-operated dimmer switch | 59 | Series resistor 0.4 Ω |
| a | Operation | d | Windshield wiper switch | 60 | Ignition coil |
| b | Lighting | e | Switch, windshield wiper speed | 61 | Series resistor 0.6 Ω |
| 3 | Warning light for safety belt warning system | I | Low speed | 62 | Entrance light, left |
| 4 | Instrument cluster | II | High speed | 63 | Transistorized ignition switch unit |
| a | Turn signal indicator, left | III | Intermittent wiping | 64 | Control switches for safety belt warning system |
| b | Brake fluid level/ parking brake warning light | 26 | Windshield wiper motor | a | switch in driver's seat belt reel |
| c | Fuel reserve warning light | 27 | Lead for automatic aerial | b | switch in front passenger seat reel |
| d | Fuel gauge | 28 | Lead for radio | c | switch in front passenger seat |
| e | Temperature gauge | 29 | Stop light switch | 65 | Buzzer switch |
| f | Indicator light, free for optional extra | 30 | Electro-magnetic clutch of air conditioning compressor | 66 | Warning buzzer |
| g | Indicator light, free for optional extra | 31 | Air conditioner / starter relay | 67 | Relay for safety belt warning system |
| h | Instrument lighting | 32 | Master relay of electronic fuel injection assembly | 68 | 3-phase alternator |
| i | Instrument lighting rheostat | 33 | Fuel pump relay | 69 | Regulator |
| j | Tachometer | 34 | Starter valve relay | 70 | Starter |
| k | Indicator light, free for optional extra | 35 | Starter lock-out and backup light switch | 71 | Trunk light |
| l | Charging indicator light | 36 | Solenoid valve on automatic transmission | 72 | Battery |
| m | High beam indicator light | 37 | Light switch | 73 | Fuel gauge sending unit |
| n | Turn signal indicator, right | 38 | Ignition switch | 74 | Micro switch, heater control unit |
| 5 | Parking brake warning light switch | 39 | Windshield washer switch | 75 | Micro switch, heater control unit |
| 6 | Air temperature sensor | 40 | Electric pump of windshield washer | 76 | Temperature switch 149° F (65° C) dehydrator, air conditioner |
| 7 | Light assembly, right | 41 | Blower motor | 77 | Thermostatic switch 212° F (100° C) |
| 8 | Fuel injection valves with marks for the associated cylinders | 42 | Ignition distributor | 78 | Three-way valve, heater control unit |
| 9 | Temperature gauge sending unit | 43 | Spark plugs | 79 | Three-way valve, heater control unit |
| 10 | Two-tone horn | 44 | Door contact switch, right 2 x | 80 | Tail light assembly, R-H side |
| 11 | Hazard warning flasher switch | 45 | Entrance light, right | a | Side marker light |
| 12 | Glove compartment light and flashlight | 46 | Blower switch | b | Turn signal |
| 13 | Fuse box | 47 | Lighting, heater control unit | c | Tail light/side light |
| 14 | Coolant temperature sensor | 48 | Two-way valve, emission control | d | Back-up light |
| 15 | Pressure sensor, air | 49 | Kickdown switch | e | Stop light |
| 16 | Throttle valve switch | 50 | Relay 1 emission control | 81 | Licence plate light |
| 17 | Electronic control unit (multiple connector) | 51 | Relay of electrically operated fan | 82 | Tail light assembly, L-H side |
| 18 | Impulse trigger (electronic fuel injection), breaker | | | | |
| 19 | Starter valve | | | | |
| 20 | Thermostatic time switch | | | | |

Wire color code

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

Example:

wire designation 1,5 gr/rt
 Basic color gr = gray
 Identification color rt = red
 Cross section of wire 1,5 = 1.5 mm²

- * Ground connection on wiper motor
- ** Ground connection on blower motor series resistor