

Electrical circuit diagram—BMW 2.5 CS / 2.5 CSA / 3.0 CS / 3.0 CSA / 3.0 CSI / 3.0 CSiA / 3.0 CSL (with 3.15 liter engine) — from 1973 models on

- |    |  |                                    |  |  |     |  |
|----|--|------------------------------------|--|--|-----|--|
| 1  | Front right turn indicator                                 | 39                                 | Plug connector to wipe-wash switch                 | e = headlight high beam telltale (blue)                            | 93  | Plug connector for transmission switch (automatic only)                        |
| 2  | Solder tag   | 40                                 | Plug connector for parking light                   | f = coolant thermometer  | 94  | Plug connector for automatic transmission position indicator (automatic only)  |
| 3  | Right low beam headlight with parking light                | 41                                 | Wipe-wash-intermittent wipe control unit           | 1 = dial illumination  | 95  | Voltage dropper for automatic transmission position indicator (automatic only) |
| 4  | Right high beam headlight                                  | 42                                 | Hazard warning flasher unit                        | 71 Solder tag  | 96  | Right fog light (special equipment)  |
| 5  | Right horn   | 43                                 | Windshield washer pump                             | 72 Automatic transmission selector indicator (automatic cars only) | 97  | Left fog light (special equipment)   |
| 6  | Left horn  | 44                                 | Heater blower motor                                | a = Position 1 (green)   | 98  | Connection for reading light   |
| 7  | Left high beam headlight                                   | 45                                 | Plug connector for heater blower motor             | b = Position 2 (green)   | 99  | Plug connector for horns   |
| 8  | Left low beam headlight with parking light                 | 46                                 | Heater control                                     | c = Position A (green)   | 100 | Connection for electric fuel pump (special equipment)                          |
| 9  | Front left turn indicator                                  | 47                                 | Ground (earth) point                               | d = Position O (white)   | 101 | Front right electric window lift motor (special equipment)                     |
| 10 | Ground (earth) point                                       | 48                                 | Glove box light                                    | e = Position R (red)   | 102 | Switch for front right window lift (special equipment)                         |
| 11 | Plug connector for engine compartment light                | 49                                 | Glove box light switch                             | f = Position P (white)   | 103 | Switch for rear right window lift (special equipment)                          |
| 12 | Engine compartment light                                   | 50                                 | Connection for radio                               | 73 Handbrake telltale contact                                      | 104 | Switch for rear left window lift   |
| 13 | Switch for engine compartment light                        | 51                                 | Hazard warning flasher switch                      | 74 Door-operated switch, passenger side                            | 105 | Rear right electric window lift motor  |
| 14 | Connection for auxiliary fan                               | 52                                 | Switch for heated rear window                      | 75 Door-operated switch, driver's side                             | 106 | Front left electric window lift motor (special equipment)                      |
| 15 | Fog light relay (special equipment)                        | 53                                 | Plug connector 50                                  | 76 Stop light switch   | 107 | Switch for front left window lift (special equipment)                          |
| 16 | Horn relay   | 54                                 | Socket with cigar lighter                          | 77 Luggage compartment light                                       | 108 | Switch for rear left window lift   |
| 17 | Battery (12 V)   | 55                                 | Selector gate lighting                             | 78 Switch for luggage compartment light                            | 109 | Switch for rear left window lift   |
| 18 | Low beam relay   | 56                                 | Wipe-wash switch                                   | 79 Interior light  | 110 | Rear left electric window lift motor   |
| 19 | Voltage regulator  | 57                                 | Plug connector to turn indicator / low beam switch | 80 Rechargeable hand lamp (special equipment)                      | 111 | Solder tag 15  |
| 20 | Alternator   | 58                                 | Connection to front carburetor                     | 81 Heated rear window  | 112 | Solder tag 15  |
| 21 | Distributor  | 59                                 | Connection to rear carburetor                      | 82 Fuel level sensor   | 113 | Solder tag 31  |
| 22 | Resistor line  | 60                                 | Turn indicator and low beam headlight switch       | 83 Right rear light cluster  | 114 | Load shedding relay for window lift system                                     |
| 23 | Coil   | 61                                 | Horn push  | a = Turn indicator   | 115 | Load shedding relay for window lift system                                     |
| 24 | Connection for diagnosis unit with cable and contact head  | 62                                 | Ignition-starter switch                            | b = Rear light   | 116 | Automatic cutout (special equipment)   |
| 25 | Front automatic choke                                      | 63                                 | Main light switch                                  | c = Stop light   | 117 | Relay for automatic chokes   |
| 26 | Rear automatic choke                                       | 64                                 | Switch for rear fog warning light                  | d = Backup (reversing) light                                       | 118 | Heat-sensitive switch  |
| 27 | Starter  | 65                                 | Switch for fog lights (special equipment)          | 84 Ground (earth) point  | 119 | Automatic cutout   |
| 28 | Temperature sensor   | 66                                 | Plug connector for instrument cluster clock        | 85 Right license plate light                                       | 120 | Heater control lighting  |
| 29 | Plug connector for automatic choke                         | 67                                 | 1 = dial illumination                              | 86 Left license plate light  | 121 | Left plug connector for window lifts (automatic cars only)                     |
| 30 | Oil pressure switch  | 68                                 | Revolution counter                                 | 87 Connection for side marker light                                | 122 | Right plug connector for window lifts  |
| 31 | Connection for diagnosis unit                              | 69                                 | Speedometer  | 88 Rear fog warning light  | 123 | Solder tag for resistor line   |
| 32 | Brake fluid level sensing switch                           | 70                                 | Instrument cluster                                 | 89 Left rear light cluster   | 124 |  |
| 33 | Backup (reversing) light switch (manual gearbox cars only) | a = battery charge telltale (red)  | g = turn indicator telltale (green)                | 90 Plug connector for starter inhibit relay (automatic cars only)  | 125 |  |
| 34 | Plug connector for backup light switch                     | b = oil pressure telltale (orange) | 1 = dial illumination                              | 91 Starter relay (automatic only)                                  |     |  |
| 35 | Wiper motor  | d = fuel gauge                     |  | 92 Transmission switch (automatic only)                            |     |  |
| 36 | Fuse box   |                                    |  |  |     |  |
| 37 | Plug connector 1   |                                    |  |  |     |  |
| 38 | Load-shedding relay  |                                    |  |  |     |  |

