Turn signals and emergency lights

Relay plate and fuse box

Arrow points to the next circuit in the diagram

Consumer circuits with wire routing
All switches and contacts are shown in the mechanical off position

Key to wire colours
- ge = yellow
- ws = white
- ro = red
- li = lilac
- bl = blue
- gr = grey
- 9o = green
- br = brown
- sw = black

Current track No.
Makes it easier to find the connections

Vehicle earth
Numbers in circles show the location (see legend)

Legend
The same letters are used for the components in all current flow diagrams e.g. E 2 always stands for turn signal switch

- E 2 - Turn signal switch
- E 3 - Emergency light switch
- J 2 - Emergency light relay
- K 6 - Emergency light system warning lamp
- M 5 - Front left turn signal bulb
- M 6 - Rear left turn signal bulb
- M 7 - Front right turn signal bulb
- M 8 - Rear right turn signal bulb
- T 7/ - Connector, 7 pin, in junction box, engine compartment
- 10 - Earth point, next to relay plate
- 20 - Earth connection (terminal 31) in instrument panel wiring loom

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Explanation of symbols

Turn signals and emergency light system

E 2 - Turn signal switch
E 3 - Emergency light switch
J 2 - Emergency light relay
K 6 - Emergency light system warning lamp
M 5 - Front left turn signal bulb
M 6 - Rear left turn signal bulb
M 7 - Front right turn signal bulb
M 8 - Rear right turn signal bulb
T 7/ - Connector, 7 pin, in junction box, engine compartment

- Earth point, next to relay plate
- Earth connection (terminal 31) in instrument panel wiring loom
1 **Relay location number**
   Indicates the relay location on the relay plate

2 **Designation of relay/control unit on the relay plate**
   In the legend you will see what the part is called

3 **Designation of a fuse**
   e.g. fuse number 19 (10 amps) on fuse box

4 **Designation of connectors on relay plate**
   Shows the individual contacts in a multi-pin connector
   e.g.: 3/49a
   3 = contact 3 at location 12 on relay plate
   49a = contact 49a on relay/control unit

5 **Designation of connectors on relay plate**
   Shows wiring of multi-pin or single connectors
   e.g.: A 13 – multi-pin connector A, contact 13

6 **Wire cross-section**
   in mm²

7 **Wire colours**
   Abbreviations are explained in colour key next to current flow diagram (page 1)

8 **Identification no. printed on white coloured wires**
   For identification purposes with several white wires in a wiring loom

9 **Terminal**
   With the designation which appears on the actual component

10 **Test point for fault finding programme**
    The number in the black circle is to be found in an illustration or in a current flow diagram for the fault finding programme

11 **Symbol**
    For emergency lights switch

12 **Part designation**
    Using the legend you can identify the part referred to

13 **Numbers in square**
    Shows in which track the wire is continued

14 **Internal connections (thin lines)**
    These connections are not to be found in the form of wires. Internal connections are, however, current-carrying connections. They make it possible to trace the flow of current inside components and wiring looms

15 **Letters**
    Indicate connections to next part of diagram

16 **Designation of earth**
    Location of vehicle earth is indicated in legend
Symbols used in current flow diagrams

- Fuse
- Thermo-fuse
- Battery
- Starter
- Alternator
- Ignition coil
- Distributor (mechanical)
- Distributor (electronic)
- Spark plug connector and plug
- Glow plug
- Heater element
- Automatic choke
- Warm-up regulator
- Auxiliary air valve
- Solenoid valve
- Motor
- Wiper motor 2-speed
- Switch (manually operated)
- Switch (thermally operated)
- Press button switch (manually operated)
- Switch (mechanically operated)
- Switch (pressure operated)
- Multiple switch (manually operated)
- Variable resistor
- Resistor, temperature dependent
- Relay
- Relay (electronically controlled)

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Symbols used in current flow diagrams

- **Resistance**
- **Diode**
- **Zener diode**
- **LED**
- **Instrument**
- **Electronic control**
- **Analog clock**
- **Digital clock**
- **Multi-function indicator**
- **Buzzer**
- **Consumption indicator**
- **Speed sensor**
- **Bulb**
- **Bulb (dual filament)**
- **Interior light**
- **Cigarette lighter**
- **Heated rear window**
- **Horn**
- **Push-on connector**
- **Multi-point connector in component**
- **Wiring junction**
- **Wiring connection, detachable**
- **Wire connection, fixed**
- **Internal connection in a component**
- **Resistance wire**
- **Control motor, headlight range adjustment**
- **TDC sensor (inductive sensor)**
- **Slip contact**