<table>
<thead>
<tr>
<th>Fuse</th>
<th>Circuit</th>
<th>Color of unfused wire</th>
<th>Color of fused wire</th>
<th>Fused function</th>
<th>Socket</th>
<th>Rating in amperes (A)</th>
</tr>
</thead>
<tbody>
<tr>
<td>F1</td>
<td></td>
<td>Not assigned</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>F2</td>
<td>L</td>
<td>0.5 mm² green</td>
<td>1.0 mm² green</td>
<td>Instrument cluster (A1); Left turn signal indicator lamp (A1e1) Left front lamp unit (E1); Left turn signal lamp (E1e5) Left tail lamp (E3); Left turn signal lamp (E3e1) Left additional turn signal lamp (E22/1) Interior connector sleeve (circuit L) (Z53/4); Trailer hitch connector (X52)</td>
<td></td>
<td>7.5</td>
</tr>
<tr>
<td>F3</td>
<td></td>
<td>Not assigned</td>
<td></td>
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<tr>
<td>F4</td>
<td>30</td>
<td>2.0 mm² white</td>
<td></td>
<td>Tilt/sliding roof (SR [SHD]) supply (M12), circuit 30; Tilt/sliding roof (SR [SHD]) (M12)</td>
<td></td>
<td>20</td>
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<tr>
<td>F5</td>
<td></td>
<td>Not assigned</td>
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<tr>
<td>F6</td>
<td>15</td>
<td>3.0 mm² white</td>
<td></td>
<td>Heated seats</td>
<td></td>
<td>20</td>
</tr>
<tr>
<td>F7</td>
<td>30</td>
<td>3.0 mm² gray</td>
<td>2.0 mm² white</td>
<td>Combination switch (S4); Hazard warning flasher switch (S4s10) Windshield washer system switch (S4s4) Wipe switch (S4s5) Wiper motor (M6/1) Windshield washer fluid pump (M5/1) Front wiper motor relay (F1k17)</td>
<td></td>
<td>30</td>
</tr>
<tr>
<td></td>
<td>53a</td>
<td>1.0 mm² white</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>F8</td>
<td>30</td>
<td>1.0 mm² red</td>
<td></td>
<td>Transfer case control unit (N78)/E-call control unit (A35/8)</td>
<td></td>
<td>25</td>
</tr>
</tbody>
</table>
Instrument cluster (A1)

- Left rear-end door license plate lamp (E19/3), right rear-end door license plate lamp (E19/4)
- Left spare wheel carrier license plate lamp (E19/5), right spare wheel carrier license plate lamp (E19/6)
- Cockpit connector sleeve (circuit 58d) (Z50/1):
  - Left vent window switch (S21/13), right vent window switch (S21/14) (light emitting diodes)
  - Left front HS [SIH] switch (S51/1), right front HS [SIH] switch (S51/2) (light emitting diodes)
  - Double switch combination (S97/6) (light emitting diodes)
  - ESP OFF switch (S76/6) (light emitting diodes)
  - Outside mirror fold-in/fold-out switch (S50/1) (light emitting diode)
  - Electric headlamp range adjustment selector wheel (S1/1) (light emitting diode)
  - Rear window wipe/wash switch (S78) (light emitting diode)
  - Tilting/sliding roof switch (S13/2) (light emitting diode)
  - Backup lamp switch (S16/2)
  - Illumination (R3e1)
  - Center console switch group (S21)

Radio (A2)

- Circuit 15R roof connector sleeve (Z54/1):
  - Left sun visor with illuminated mirror (E14/1)
  - Right sun visor with illuminated mirror (E14/2)
  - Automatic dimming inside rearview mirror (H7)
  - Front cigar lighter (with ashtray illumination) (R3)
- Heating element (R3r1)
- Glove compartment lamp (E13/1)
- Instrument cluster (A1):
  - Airbag indicator and warning lamp (A1e15)

Hot film MAF sensor (B2/5)

- Crankshaft position sensor (L5)
- Fuel injection valves (Y62)
- M111:
  - HFM-SFI [HFM] control unit (N3/4)

Circuit 58L interior connector sleeve (Z53/6):

- Trailer hitch connector (X52)
- Left tailamp (E3):
  - Left taillamp and parking lamp (E3e2)
  - Left side-marker lamp (E1e6)
- Left footwell lamp (E17/16)
- Right footwell lamp (E17/15)
- Trip computer (TRIP [RRE]) control unit (N41)
- Instrument cluster (A1):
  - Steering angle sensor (N49)
  - Data link connector (X11/4)

Trip computer (TRIP [RRE]) control unit (N41)

- Instrument cluster (A1):
  - Airbag indicator and warning lamp (A1e15)

- Glove compartment lamp (E13/1)

- Instrument cluster (A1):
  - Airbag indicator and warning lamp (A1e15)

- Glove compartment lamp (E13/1)

- Instrument cluster (A1):
  - Airbag indicator and warning lamp (A1e15)

- Glove compartment lamp (E13/1)

- Instrument cluster (A1):
  - Airbag indicator and warning lamp (A1e15)

- Glove compartment lamp (E13/1)

- Instrument cluster (A1):
  - Airbag indicator and warning lamp (A1e15)

- Glove compartment lamp (E13/1)

- Instrument cluster (A1):
  - Airbag indicator and warning lamp (A1e15)

- Glove compartment lamp (E13/1)

- Instrument cluster (A1):
  - Airbag indicator and warning lamp (A1e15)

- Glove compartment lamp (E13/1)

- Instrument cluster (A1):
  - Airbag indicator and warning lamp (A1e15)

- Glove compartment lamp (E13/1)

- Instrument cluster (A1):
  - Airbag indicator and warning lamp (A1e15)

- Glove compartment lamp (E13/1)

- Instrument cluster (A1):
  - Airbag indicator and warning lamp (A1e15)

- Glove compartment lamp (E13/1)

- Instrument cluster (A1):
  - Airbag indicator and warning lamp (A1e15)

- Glove compartment lamp (E13/1)

- Instrument cluster (A1):
  - Airbag indicator and warning lamp (A1e15)

- Glove compartment lamp (E13/1)

- Instrument cluster (A1):
  - Airbag indicator and warning lamp (A1e15)

- Glove compartment lamp (E13/1)

- Instrument cluster (A1):
  - Airbag indicator and warning lamp (A1e15)

- Glove compartment lamp (E13/1)

- Instrument cluster (A1):
  - Airbag indicator and warning lamp (A1e15)

- Glove compartment lamp (E13/1)

- Instrument cluster (A1):
  - Airbag indicator and warning lamp (A1e15)

- Glove compartment lamp (E13/1)

- Instrument cluster (A1):
  - Airbag indicator and warning lamp (A1e15)

- Glove compartment lamp (E13/1)

- Instrument cluster (A1):
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- Glove compartment lamp (E13/1)

- Instrument cluster (A1):
  - Airbag indicator and warning lamp (A1e15)

- Glove compartment lamp (E13/1)

- Instrument cluster (A1):
  - Airbag indicator and warning lamp (A1e15)

- Glove compartment lamp (E13/1)

- Instrument cluster (A1):
  - Airbag indicator and warning lamp (A1e15)

- Glove compartment lamp (E13/1)

- Instrument cluster (A1):
  - Airbag indicator and warning lamp (A1e15)
<table>
<thead>
<tr>
<th>Fuse</th>
<th>Circuit</th>
<th>Color of unfused wire</th>
<th>Color of fused wire</th>
<th>Fused function</th>
<th>Socket</th>
<th>Rating in amperes (A)</th>
</tr>
</thead>
</table>
| F22  | 15      | 2.0 mm² blue         |                    | Circuit 15 interior connector sleeve (Z51/5):  
|      |         |                      |                   | ETC [EGS] control unit (N15/3):  
|      |         |                      |                   | Gear recognition switch (S16/10):  
|      |         |                      |                   | Reversing and parking lock locking solenoid (Y68/1):  
|      |         |                      |                   | Transfer case control unit (N78):  
|      |         |                      |                   | Traction systems control unit (N47):  
|      |         |                      |                   | ESP:  
|      |         |                      |                   | Steering angle sensor (N49):  
|      |         |                      |                   | Instrument cluster (A1):  
|      |         |                      |                   | CC [TPM] switch (S40):  
|      |         |                      |                   | M112/113: ME control unit (N3/10):  
|      |         |                      |                   | SUCTION FAN CONTROL UNIT (N65/2) only on model 163/174/175:  
|      |         |                      |                   | Rain sensor (B38):  
|      |         |                      |                   | Trip computer (TRIP [RRE]) control unit (N41):  |
| F23  | 15      | 1.0 mm² red          |                    | Headlamp range adjustment control unit (N71):  | 15 |
| F24  | 58R     | 0.8 mm² blue         | 0.8 mm² green      | Circuit 58R interior connector sleeve (Z52/4):  
|      |         |                      | 1.0 mm² blue      | Trailer hitch connector (X52):  
|      |         |                      | 1.0 mm² green     | Right front lamp unit (E2):  
|      |         |                      | 1.0 mm² green     | Right standing and parking lamp (E2e3):  
|      |         |                      | 1.0 mm² green     | Right tail lamp (E4):  
|      |         |                      | 1.0 mm² green     | Right taillamp and parking lamp (E4e2):  
|      |         |                      | 1.0 mm² green     | Right side-marker lamp (E2e6):  | 7.5 |
### Fuse Box and Relay Locations

<table>
<thead>
<tr>
<th>Fuse</th>
<th>Circuit</th>
<th>Color of unfused wire</th>
<th>Color of fused wire</th>
<th>Fused function</th>
<th>Socket</th>
<th>Rating in amperes (A)</th>
</tr>
</thead>
</table>
| F25  | R       | 1.0 mm² pink          | Right front lamp unit (E2):  
- Right turn signal lamp (E2e5)  
- Right tail lamp (E4)  
- Right turn signal lamp (E4e1)  
- Right additional turn signal lamp (E22/2)  
- Traction systems control unit (N47)  
- Interior connector sleeve (circuit R) (Z53/5):  
- Trailer hitch connector (X52)  
- Instrument cluster (A1):  
- Right turn signal indicator lamp (A1e2) | 7.5 |
|      |         | 0.5 mm² pink          |                      |                |        |                      |
| F26  | 15      | 4.0 mm² pink/red      | Circuit 15 connector sleeve (fused) (Z3/29):  
- Ignition coils, engine 111  
- Ignition coils, engine 112  
- Ignition coils, engine 113 | 15 |
|      |         | 2.5 mm² black/yellow  |                      |                |        |                      |
|      |         | 4.0 mm² black/yellow  |                      |                |        |                      |
| F27  | 30      | 1.0 mm² red           | Traction systems control unit (N47) | 40 |
| F28  |         | Not assigned          |                      |                |        |                      |
| F29  |         | Not assigned          |                      |                |        |                      |
| F30  |         | Not assigned          |                      |                |        |                      |
| F31  | 30      | 0.5 mm² blue          | Center console switch group (S21)  
- Pivot window cockpit connector sleeve (Z50/13):  
- Left vent window switch (S21/13)  
- Right vent window switch (S21/14)  
- Tilting/sliding roof switch (S13/2)  
- Mirror lamps | 15 |
|      |         | 0.8 mm² blue          |                      |                |        |                      |

### Fuse Table

<table>
<thead>
<tr>
<th>Fuse</th>
<th>Circuit</th>
<th>Color of unfused wire</th>
<th>Color of fused wire</th>
<th>Fused function</th>
<th>Socket</th>
<th>Rating in amperes (A)</th>
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<tbody>
<tr>
<td>F32</td>
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<tr>
<td>F33</td>
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<tr>
<td>F34</td>
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<tr>
<td>F35</td>
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<tr>
<td>F36</td>
<td>15</td>
<td>Miror heater</td>
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<td></td>
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</tr>
<tr>
<td>F37</td>
<td>30</td>
<td>1.0 mm² orange</td>
<td>Two-tone signaling system (H1)</td>
<td>20</td>
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</tr>
<tr>
<td>F38</td>
<td>30</td>
<td>1.0 mm² green</td>
<td>Fuel pump with fuel level sensor (M3/3) only on model 163.128</td>
<td>15</td>
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<tr>
<td>F39</td>
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<tr>
<td>F40</td>
<td>30</td>
<td>Sound system</td>
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<td>F41</td>
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### Relay Table

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<th>Fuse</th>
<th>Circuit</th>
<th>Color of unfused wire</th>
<th>Color of fused wire</th>
<th>Fused function</th>
<th>Socket</th>
<th>Rating in amperes (A)</th>
</tr>
</thead>
</table>
| F42  | 30      | 0.8 mm² white         | Central locking:  
- Left front door CL [ZV] motor (M14/6)  
- Right front door CL [ZV] motor (M14/5)  
- Interior connector sleeve (central locking motor 1) (Z33/1):  
- Rear-end door CL [ZV] motor (M14/7)  
- Left rear door CL [ZV] motor (M14/8)  
- Right rear door CL [ZV] motor (M14/9)  
- Fuel filler flap CL [ZV] motor (M14/10) | 20 |
|      |         | 1.0 mm² white         |                      |                |        |                      |
| F43  | 30      | 5.0 mm² white         | Rear blower motor (M2) | 20 |
| F44  | 30      | Rear-end door washer fluid pump (M5/3) | 15 |
| F44  | 30      | 2.0 mm² green         | Model 163.154 /157  
- Engine fan stage 1 relay (F1k26)  
- Left engine compartment connector sleeve (fan) (Z56/2):  
- Left additional fan (M4m1)  
- Right additional fan (M4m2) | 40 |
| F45  | 30      | 2.5 mm² red/white     | Electric air pump (M33) | 40 |
| F46  | 58NS    | 1.0 mm² blue          | Rear fog lamp interior connector sleeve (Z52/8):  
- Left rear fog lamp (E3e5)  
- Right rear fog lamp (E4e5)  
- Double switch combination (S97/6) (rear fog lamp diode) | 7.5 |
<p>|      |         | 0.75 mm² blue         |                      |                |        |                      |
|      |         | 0.5 mm² blue          |                      |                |        |                      |</p>
<table>
<thead>
<tr>
<th>Car</th>
<th>Position</th>
<th>Current (mm²)</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>F47</td>
<td>58N</td>
<td>1.0 gray</td>
<td>Auxiliary headlamp connector sleeve (in right of engine compartment) (Z56/4) Left front lamp unit (E1): Left front fog lamp (E1e4) Left additional headlamp high beam (E1e7) Right front lamp unit (E2): Right front fog lamp (E2e4) Right additional headlamp high beam (E2e7)</td>
</tr>
<tr>
<td>F48</td>
<td>30</td>
<td>1.0 white</td>
<td>Alarm signal horn (H3)</td>
</tr>
</tbody>
</table>

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MODEL 163 as of 1.9.02