Installation Kit for Front Seat Heating System
MINI (R50/R53) LHD and RHD

The installation time is approx. 3.0 hours, but this may vary depending on the condition of the car and the equipment in it.

Retrofit kit No. 61 11 0 145 996
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Important information for the installation of the additional instruments

Only for use in the Mini dealer organisation.

The seat heating system wiring harness may only be installed by a specialist workshop that has the required special tools and manuals (servicing, repair, diagnostics, etc.).

Ensure that the cables/lines are not kinked or damaged as you install them in the car. Additional cables/lines that you install must be secured with cable ties/textile adhesive tape.

Item numbers refer only to the overview drawings and to the texts next to the appropriate figure.

Subject to technical modifications

The seat covers with integrated seat heating system are not supplied with the installation kit and must be ordered separately using the electronic parts catalogue (EPC) and installed as set out in the parts information system (TIS).

Special tools required

None
### 1. Preparations

<table>
<thead>
<tr>
<th>Task</th>
<th>TIS instruction No.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Disconnect the battery</td>
<td>12 00 ...</td>
</tr>
<tr>
<td>Remove the driver/passenger seat</td>
<td>---</td>
</tr>
<tr>
<td>Remove the rear seat bench</td>
<td>---</td>
</tr>
<tr>
<td>Remove the door sill strips on both sides</td>
<td>51 47 000</td>
</tr>
<tr>
<td>Remove the cover on the handbrake</td>
<td>---</td>
</tr>
<tr>
<td>Undo the shifting gate</td>
<td>---</td>
</tr>
<tr>
<td>Remove the bottom steering column trim</td>
<td>---</td>
</tr>
<tr>
<td>Undo the selector lever gate</td>
<td>---</td>
</tr>
<tr>
<td>Remove the mirror adjustment switch (no longer required)</td>
<td>---</td>
</tr>
</tbody>
</table>
2. Parts list

Legend

A  Seat heating system wiring harness
B  Seat heating system switch
C  Cable tie (20x)
D  5-way joint connector (only required if the joint connector is occupied)
E  20 A fuse
### 3. Connection diagram

<table>
<thead>
<tr>
<th>Item</th>
<th>Description</th>
<th>Signal</th>
<th>Cable colour / Cross-section</th>
<th>Connection location in the car</th>
<th>Abbreviation / Slot</th>
</tr>
</thead>
<tbody>
<tr>
<td>A</td>
<td>Seat heating system connection cable</td>
<td>---</td>
<td>---</td>
<td>---</td>
<td>---</td>
</tr>
<tr>
<td>A1</td>
<td>Blade terminal contact</td>
<td>Terminal 30</td>
<td>RT/VI</td>
<td>To fuse holder</td>
<td>X10206, PIN 8</td>
</tr>
<tr>
<td>A2</td>
<td>Blade terminal contact</td>
<td>Terminal 58g</td>
<td>GR/RT</td>
<td>To joint connector left</td>
<td>X1019</td>
</tr>
<tr>
<td>A3</td>
<td>Blade terminal contact</td>
<td>Terminal 58g</td>
<td>GR/RT</td>
<td>To joint connector left</td>
<td>X1019</td>
</tr>
<tr>
<td>A4</td>
<td>Cable eyelet</td>
<td>Terminal 31</td>
<td>BR</td>
<td>To earth post left</td>
<td>X1108</td>
</tr>
<tr>
<td>A5</td>
<td>Black 3-pin socket casing</td>
<td>---</td>
<td>---</td>
<td>To seat heating system plug, right seat</td>
<td>X279B</td>
</tr>
<tr>
<td>A6</td>
<td>Black 5-pin socket casing</td>
<td>---</td>
<td>---</td>
<td>To seat heating system switch, left</td>
<td>X651</td>
</tr>
<tr>
<td>A7</td>
<td>White 5-pin socket casing</td>
<td>---</td>
<td>---</td>
<td>To seat heating system switch, right</td>
<td>X658</td>
</tr>
<tr>
<td>A8</td>
<td>Black 3-pin socket casing</td>
<td>---</td>
<td>---</td>
<td>To seat heating system plug, left seat</td>
<td>X2758</td>
</tr>
<tr>
<td>A9</td>
<td>1-pin socket contact</td>
<td>Terminal 30</td>
<td>RT/VI</td>
<td>To ignition switch</td>
<td>X33, PIN 7</td>
</tr>
<tr>
<td>A10</td>
<td>1-pin socket contact</td>
<td>Terminal 15</td>
<td>GN/GE</td>
<td>To ignition switch</td>
<td>X33, PIN 10</td>
</tr>
<tr>
<td>A11</td>
<td>1-pin socket contact</td>
<td>Terminal 15</td>
<td>GN/VI</td>
<td>To ignition switch</td>
<td>X33, PIN 3</td>
</tr>
</tbody>
</table>
4. Installation and cabling diagram (LHD cars only)

All the wiring harnesses are to be laid along the main wiring harness as shown in the figure and secured with cable ties.

Seat heating system wiring harness

A1 To fuse holder
A2/A3 To X1019
A4 To X1108
A5 To X2795
A6/A7 To X651 and X658
A8 To X2755
A9-A11 To X33

Tie back any excess lengths.
5. **Installation and cabling diagram (RHD cars only)**

All the wiring harnesses are to be laid along the main wiring harness as shown in the figure and secured with cable ties.

**Seat heating system wiring harness**

- A1 To fuse holder
- A2/A3 To X1019
- A4 To X1108
- A5 To X2795
- A6/A7 To X651 and X658
- A8 To X2755
- A9-A11 To X33

**Tie back any excess lengths.**
6. To install the seat heating system wiring harness

- Disconnect X33
- A9 in PIN 7
- A10 in PIN 10
- A11 in PIN 3
- Connect X33

Undo the fuse box (1) and disconnect X10206.

Connect A1 to PIN 8 of the green plug X10206.
Connect plug X10206.
Check whether there is a fuse in fuse slot 23, if not insert a 20 A fuse (E).

Left side skirt. ↓
Secure A4 to earth post X1108.
6. To install the seat heating system wiring harness

![Diagram of seat heating system wiring harness]

- **Left side skirt.**

Connect A2 and A3 to joint connector X1019. If the joint connector is full, use the supplied 5-way joint connector D.

Route A5 under the carpet (1) to the left-hand seat.

Route A6 and A7 to the mirror adjustment switch.
- A6 into slot 1 of switch B
- A7 into slot 2 of switch B
6. To install the seat heating system wiring harness

Route A8 under the carpet (1) to the right-hand seat. On RHD cars lay branches A9-A11 under the carpet (1) to the switch X33.

Left seat.
Connect A5 to the seat plug (1).

Right seat.
Connect A8 to the seat plug (1).
7. Coding

The system does not require coding.
8. Circuit diagram (will appear in the next edition, see page DE/14 for legend)
8. Circuit diagram

Legend

X33 Black 10-pin ignition switch plug
X275B Black 3-pin plug on driver's side
X279B Black 3-pin plug on passenger side
X651 Black 5-pin seat heating system switch plug on driver's side
X658 Black 5-pin seat heating system switch plug on passenger side
X1019 Terminal 58g connector
X1108 Tl. 31
X10207 Violet 12-pin fuse holder plug

Cable colours

RT red
SW black
GN green
BR brown
GE yellow
WS white
VI violet
GR grey
BL blue
OR orange