MINI Click & Drive System Retrofit
MINI (F56)

Retrofit kit number
65 90 2 357 445 MINI Click & Drive System retrofit kit

Installation time
The installation time is approx. 0.75 hours. This may vary depending on the condition of the car and the equipment in it.

Important information
These installation instructions are primarily designed for use within the MINI dealership organisation and by authorised MINI service companies.

In any event the target group for these installation instructions is specialist personnel trained on MINI cars with the appropriate specialist knowledge.

All work must be completed using the latest MINI repair manuals, wiring diagrams, servicing manuals and work instructions, in a rational order, using the prescribed tools (special tools) and observing current health and safety regulations.

If you experience installation or function problems, restrict troubleshooting to approx. 0.5 hours for mechanical work and 1.0 hour for electrical work.

To avoid unnecessary extra work and/or costs, send an inquiry straight away to the technical parts support team via the Aftersales Assistance Portal (ASAP).

Quote the following information:
- Vehicle identification number,
- Retrofit kit part number,
- A detailed description of the problem,
- Any work already carried out.

Do not archive the hard copy of these installation instructions since daily updates are provided via ASAP!

Pictograms

Denotes instructions that draw your attention to dangers.

Denotes instructions that draw your attention to special features.

Denotes the end of the instruction or other text.

Installation information
Ensure that the cables and/or lines are not kinked or damaged as you install them in the car. Costs arising from this will not be reimbursed by BMW AG.

Additional cables/wires that you install must be secured with cable ties. If the specified PIN chambers are occupied, bridges, double crimps or twin-lead terminals must be used.

All pictures show LHD cars; proceed accordingly on RHD cars.
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1. Parts list for retrofit kit

Legend
A  Cradle
B  Screw (2 x)
C  Ball holder
D  Miniature connector (2 x)
E  Cable tie (5 x)
F  Installation information (give to the customer)
2. Preparatory work

<table>
<thead>
<tr>
<th>The following components must be removed first of all</th>
<th>ISTA No.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Disconnect the negative battery cable</td>
<td>61 20 900</td>
</tr>
<tr>
<td>Instrument panel</td>
<td>62 11 280</td>
</tr>
<tr>
<td>(Interior) door sill cover strip, passenger side</td>
<td>51 47 000</td>
</tr>
<tr>
<td>Footwell side trim on the A-pillar, passenger side</td>
<td>51 43 075</td>
</tr>
</tbody>
</table>
### Retrofit wiring harness connection diagram

<table>
<thead>
<tr>
<th>Item</th>
<th>Designation</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>Cradle</td>
<td>---</td>
<td>---</td>
<td>---</td>
<td>---</td>
</tr>
<tr>
<td>A1</td>
<td>Open cable</td>
<td>Terminal 15</td>
<td>SW 0.35mm²</td>
<td>With miniature connector D to cable from plug BDC</td>
<td>A258*3B PIN 20</td>
</tr>
<tr>
<td>A2</td>
<td>Open cable</td>
<td>Terminal 31</td>
<td>BR 0.35mm²</td>
<td>With miniature connector D to cable from plug BDC</td>
<td>A258*3B PIN 24</td>
</tr>
</tbody>
</table>
4. Installation and cabling diagram for LHD cars

**A** Cradle

**A1-A2** Power supply cable from cradle **A**

**1** Body Domain Controller (BDC) **A258** plug **A258*3B**, SW 54-pin socket casing
5. Installation and cabling diagram for RHD cars

A Cradle
A1-A2 Power supply cable from cradle A

1 Body Domain Controller (BDC) **A258** plug **A258*3B**, SW 54-pin socket casing
Undo screws (1) on the instrument cluster (2) (no longer required).

Screw cradle A using screws B onto the instrument cluster (1).

Install instrument cluster (1) with cradle A.

The illustration shows an LHD car. Proceed in the same manner but mirrored for RHD cars.

Route branches A1-A2 of cradle A inside the dashboard to the installation point of BDC A258 on the A-pillar on the passenger side.

Secure the plug connection (1) at a suitable point using cable ties E.
Shorten the retrofit cable to the required length, expose branches A1-A2 and connect using miniature connector D as follows to the cables of plug A258*3B on BDC A258:

- Branch A1, SW cable, to GN/GR cable from PIN 20
- Branch A2, BR cable, to BR/SW cable from PIN 24
7. Concluding work and coding

The retrofit system does not require programming / coding.
- Connect the battery
- Re-assemble the car in a logical manner
- Give all non-installed parts and the installation information to the customer
8. Wiring diagram

Legend

A* Cradle
D* Miniature connector
A1* Open cable SW
A2* Open cable BR
A258 Body Domain Controller BDC on A-pillar passenger side
A258*3B SW 54-pin socket casing on BDC

All the designations marked with an asterisk (*) apply only to these installation instructions or this wiring diagram.

Cable colours

<table>
<thead>
<tr>
<th>BL</th>
<th>Blue</th>
<th>GR</th>
<th>Grey</th>
<th>RT</th>
<th>Red</th>
</tr>
</thead>
<tbody>
<tr>
<td>BO</td>
<td>Bordeaux (Burgundy)</td>
<td>L-GN</td>
<td>Light green</td>
<td>SW</td>
<td>Black</td>
</tr>
<tr>
<td>BR</td>
<td>Brown</td>
<td>NT</td>
<td>Natural</td>
<td>TR</td>
<td>Transparent</td>
</tr>
<tr>
<td>GE</td>
<td>Yellow</td>
<td>OR</td>
<td>Orange</td>
<td>VI</td>
<td>Violet</td>
</tr>
<tr>
<td>GN</td>
<td>Green</td>
<td>RO</td>
<td>Pink</td>
<td>WS</td>
<td>White</td>
</tr>
</tbody>
</table>