

# Parts and Accessories.

## Installation Instructions.



### Illuminated door sill strip retrofit kit

MINI ONE (R50)

MINI COOPER (R50)

MINI Convertible (R52)

MINI COOPER S (R53)

**Retrofit kit No.**      51 47 0 302 686  
                                 51 47 0 302 683  
                                 51 47 0 404 911

#### Installation time

The installation time is 2.5 hours, but this may vary depending on the equipment in the car.

#### Important information

These installation instructions are primarily designed for use within the MINI dealership organisation and by authorised BMW 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, circuit diagrams, servicing manuals and work instructions in a rational order using the prescribed tools (special tools) and observing current health and safety regulations.

**To avoid unnecessary extra work and/or costs, if any installation or function problems occur, after a brief troubleshooting session (approx. 0.5 hours), an inquiry is to be sent straight away to the technical parts support via the Aftersales Assistance Portal (ASAP), quoting the chassis number, the part number of the retrofit kit and a precise description of the problem.**

Do not archive the hard copy of these installation instructions since daily updates are made by ASAP.

See ASAP for details of the pictograms.

All the figures show LHD cars, proceed in exactly the same way on RHD cars.

All the figures show the right-hand side of the card. Proceed in exactly the same way on the left-hand side.

#### Pictograms

 Denotes instructions that draw your attention to special features.

◀ denotes the end of the instruction or other text.

Subject to technical modifications.

Ensure that the cables/lines are not kinked or damaged as you install them in the car. The costs incurred as a result of this will not be reimbursed by BMW AG.

Additional cables/lines 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.

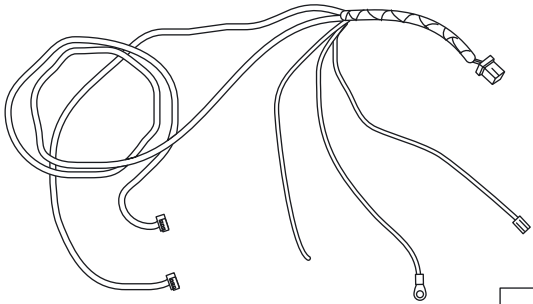
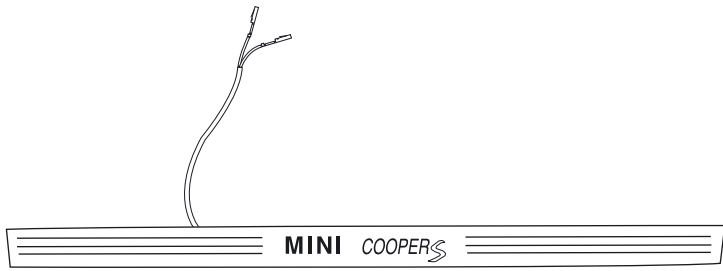
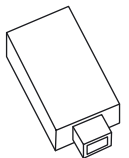
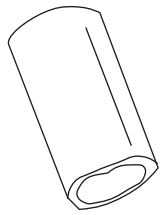
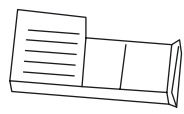



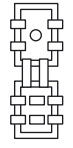
**Special tools required**

None

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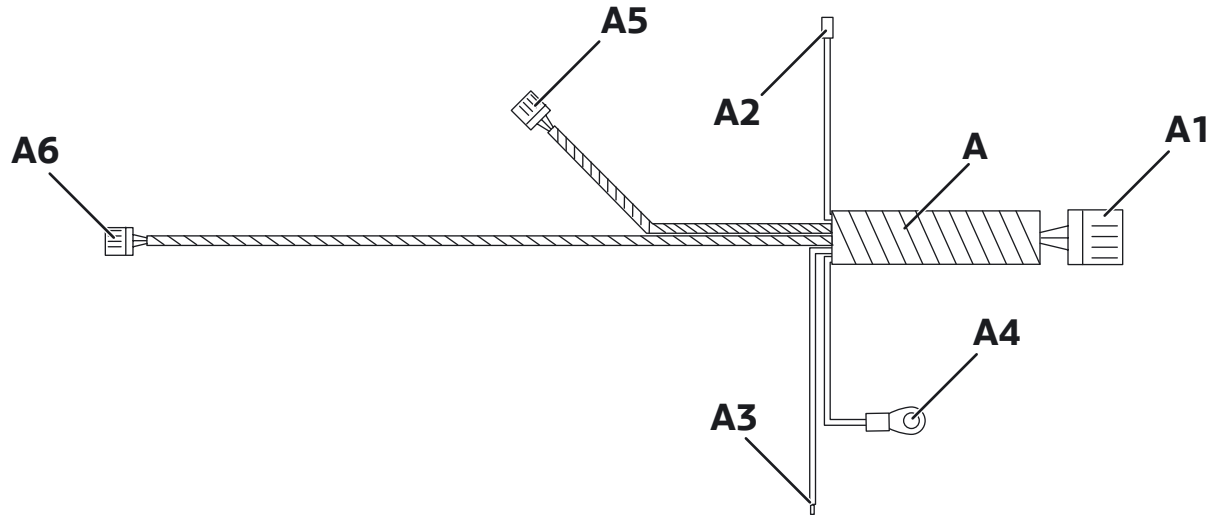
# 1. Parts list

<p><b>A</b></p>  <p><b>1x</b></p>	<p><b>B</b></p>  <p><b>2x</b></p>		
<p><b>C</b></p>  <p><b>1x</b></p>	<p><b>D</b></p>  <p><b>1x</b></p>	<p><b>E</b></p>  <p><b>2x</b></p>	<p><b>F</b></p>  <p><b>4x</b></p>
<p><b>G</b></p>  <p><b>10x</b></p>		<p><b>H</b></p>  <p><b>1x</b></p>	<p><b>I</b></p>  <p><b>2x</b></p> <p>050 0327 B</p>

## 2. Preparations

	TIS No.
Read the error memory	---
Disconnect the battery	12 00 ...
Remove the door sill strips on both sides	---
Remove the A pillar trim at the bottom on both sides	---
Release the fuse holder	---

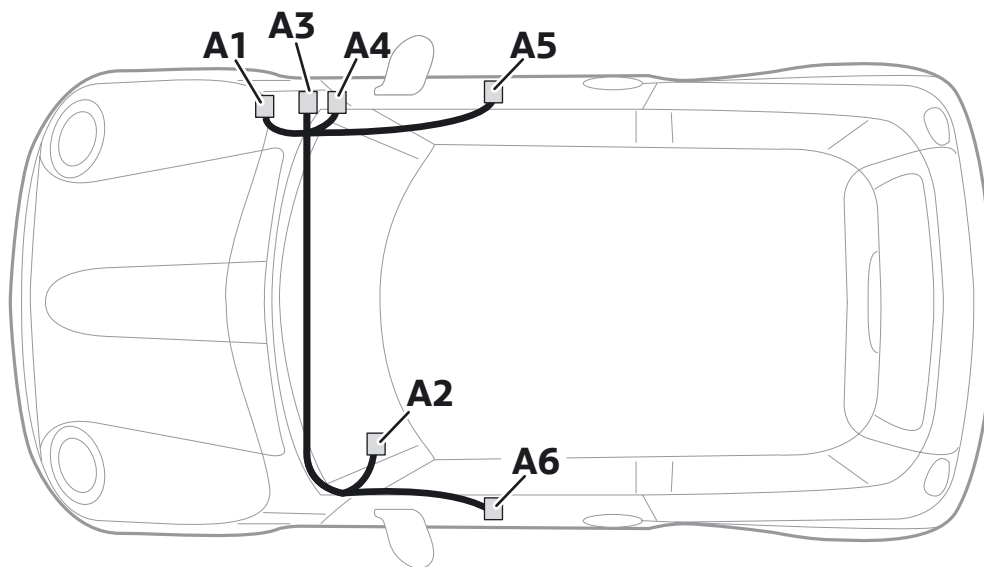
### 3. Adapter cable A connection diagram



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Item	Description	Signals	Cable colours	Connection location in the car	Abbreviation/ Slot
A	Adapter cable				
A1	8-pin SW socket casing			Inverter C	
A2	1-pin plug contact	Terminal 30	RT	To fuse strip on the left	X10200, PIN 4
A3	Open cable end	VA	RT/SW	To base module	X253, PIN 7
A4	Cable lug, 6 mm in diameter	Terminal 31	BR	to earth post connection on A pillar right	X151
A5	3-pin socket casing			To right-hand door sill strip	
A6	3-pin socket casing			To door sill strip, left	

#### 4. Installation and cabling diagram



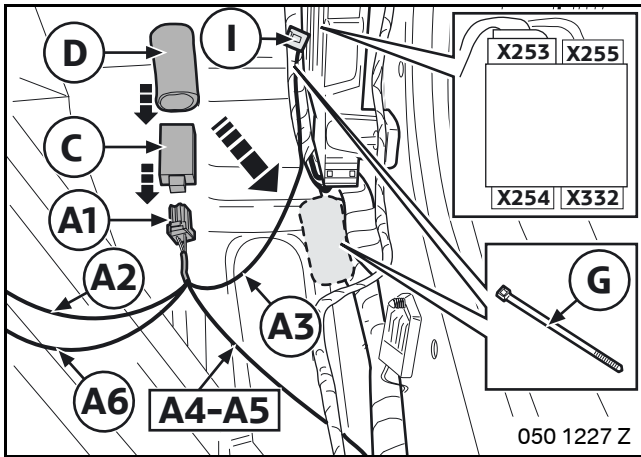
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#### Legend

- A1** To inverter C
- A2** To X10200, PIN 4
- A3** To X253, PIN 7
- A4** To X151
- A5/A6** To door sill strips

Tie back any excess lengths.

## 5. To install the illuminated door sill strip

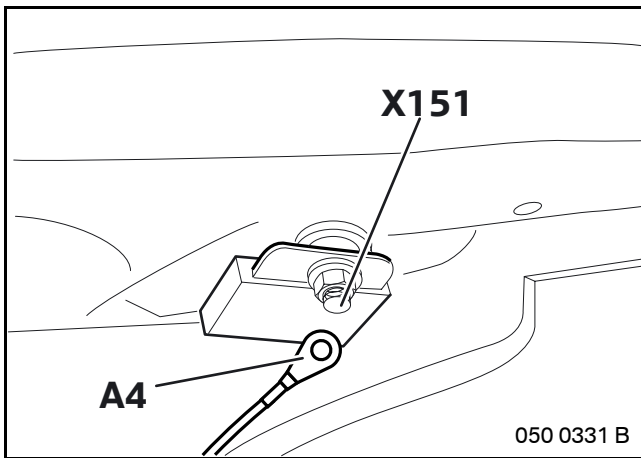


▶ Figure A shows the front right A pillar. ◀

Push the protective cover **D** over the inverter **C**. Connect branch **A1** on the wiring harness **A** to the inverter **G**.

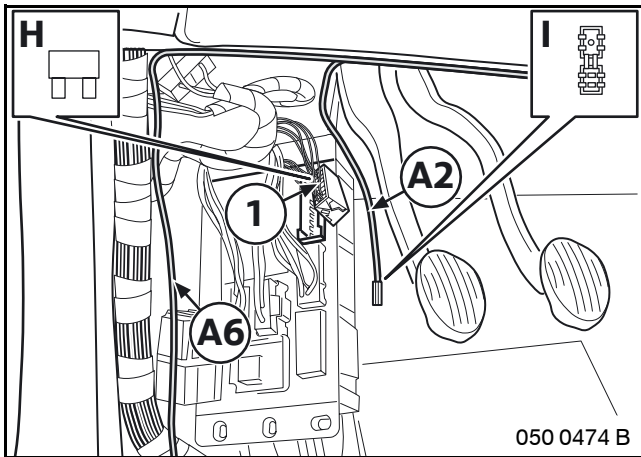
Position the inverter **C** with the protective sheath **D** behind the carpet between the base module and earth post.

Then secure the inverter **C** with a cable tie **G** to the side of the top section of the main wiring harness. Connect branch **A3** to the base module (A pillar at the front right) **X253** (54-pin SW), **PIN 7** (BR/GE cable) using an insulation-piercing connector **I**.



▶ Figure A shows the front right A pillar. ◀

Connect branch **A4** on the adapter wiring harness **A** to earth post **X151** at the front right.



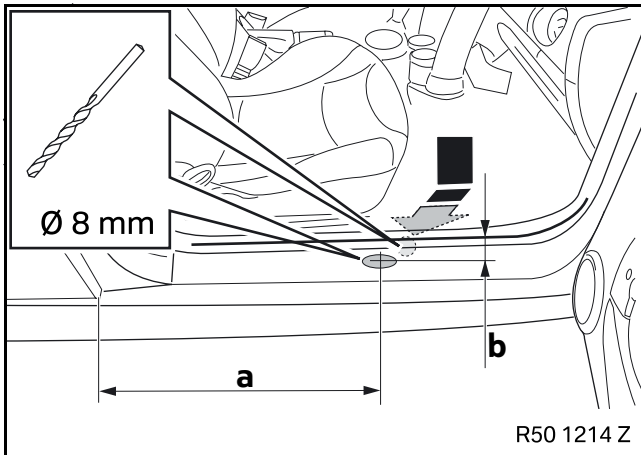
▶ Figure A shows the front left A pillar. ◀

Connect branch **A2** to **X10200** (12-pin SW), **PIN 4** (1).

If PIN 4 is occupied, cut the plug off branch **A2** and connect it to **X10200**, **PIN 4** (RT/GN cable) using an insulation-piercing connector **I**.

▶ If there is not a fuse in slot 3, insert a fuse **H**. ◀

5. To install the illuminated door sill strip

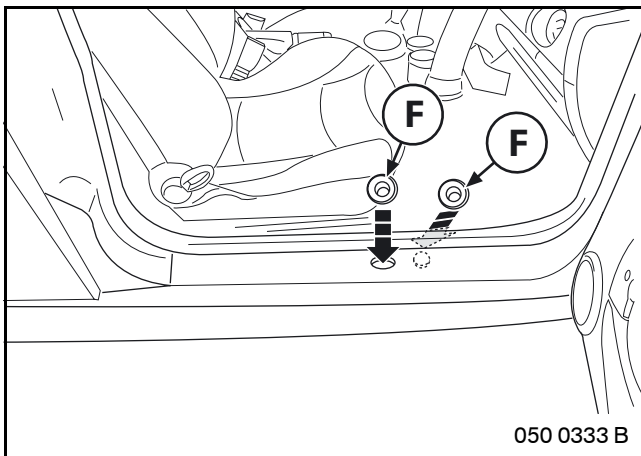


▶ The figure shows the door sill at the front right. ◀

Drill a 8 mm hole at the point shown on the side skirt fold at the front and drill a hole in the interior in the same place.

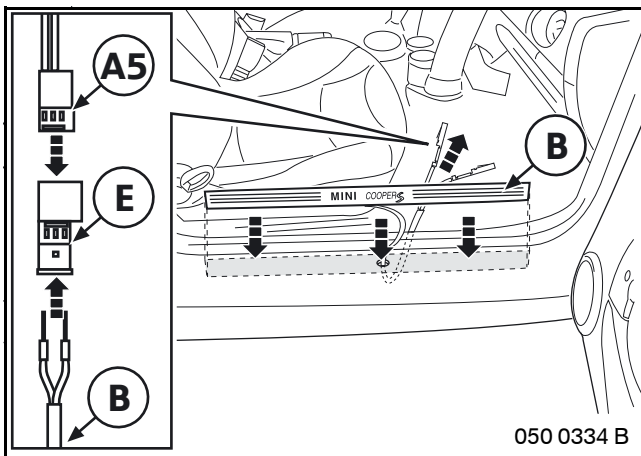
a = 750 mm  
b = 45 mm

▶ Only expand drill the plastic skirt with a 12 mm hole. ◀



▶ The figure shows the door sill at the front right. ◀

Insert rubber grommets **F** into the holes.



▶ The figure shows the door sill, front right. On cars with the aerodynamics package ensure that the door sill strip **B** is positioned in the centre.

Check the part numbers of the door sill strips **B**.

Left door sill strip:

51 47 0 302 684 / 51 47 0 302 687

Right door sill strip:

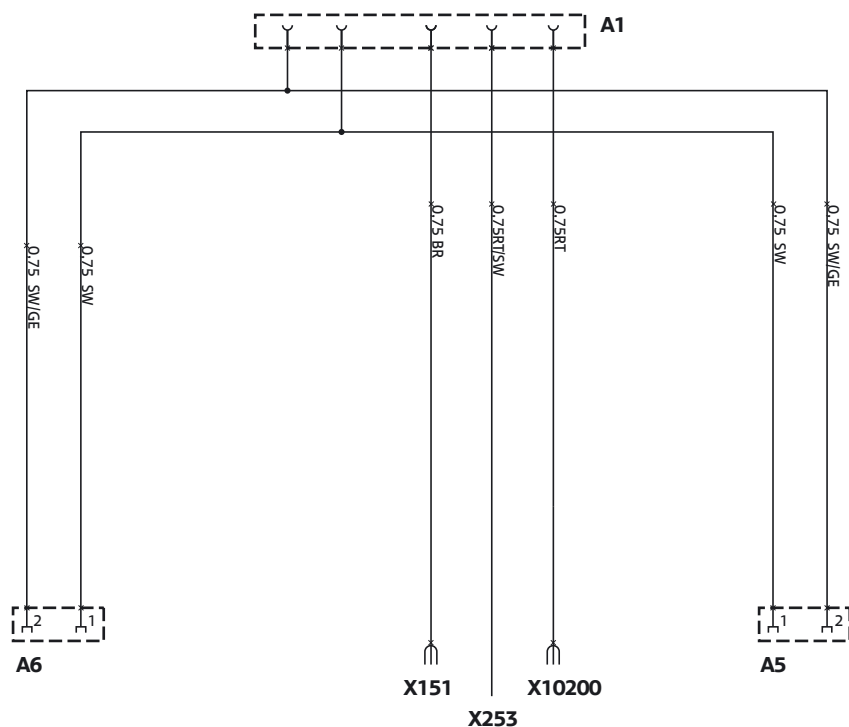
51 47 0 302 685 / 51 47 0 302 688. ◀

Route the 2-pin cable from the door sill strip **B** through the rubber grommets into the interior. Connect the plug contacts on door sill strip **B** into plug casing **E**, chambers 1 and 2 and connect this to branch **A5** on the adapter wiring harness. Remove the backing foil from the adhesive strips on the reverse of the illuminated door sill strip **B** and affix the door sill strip **B**.

## **6. Concluding work**

Connect all plugs and plug connectors.  
Re-assemble the car.

## 7. Circuit diagram



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### Legend

A1*	8-pin socket casing
X10200	1-pin plug casing, PIN 4
X253	Open cable end, signal, PIN 7
X151	Cable lug, 6 mm in diameter
A5*	3-pin socket casing
A6*	3-pin socket casing

The components marked with an asterisk (\*) are only valid for this circuit diagram.  
All the other components and X designations correspond to BMW after-sales circuit diagrams

### Cable colours

BL	Blue
BR	Brown
GE	Yellow
GN	Green
GR	Grey
OR	Orange
RT	Red
SW	Black
VI	Violet
WS	White