



Parts and Accessories Installation Instructions

Retrofit kit - illuminated sill strip

MINI ONE (R 50)

MINI COOPER (R 50)

MINI Cabrio (R 52)

MINI COOPER S (R 53)

Retrofit kit - part number: 51 47 0 302 686
51 47 0 302 683

Installation time:

The installation time of approx. 1.5 hours can vary depending on the condition and equipment of the vehicle.

Important information:

These installation instructions are primarily intended for use in the MINI dealership network as well as by authorised MINI service centres.

The target group of these installation instructions are technical personnel trained on MINI vehicles with corresponding technical know-how.

The BMW AG shall accept no liability for damage incurred as the result of disregard of the specified working steps and information. In addition inappropriate installation and handling deviating from the installation instructions shall invalidate warranty claims made against the BMW AG.

All work is to be carried out with the aid of currently valid repair instructions, circuit diagrams, maintenance manuals and working instructions in rational order with the specified tools (special tools) while paying particular attention to valid safety regulations.

When installing cables/lines, particular attention must be paid to ensure that they are not bent, kinked or damaged.

All illustrations show LHD vehicles. Carry out the same procedure analogously on RHD vehicles.

All illustrations show the right-hand side of the vehicle. Follow the same procedure exactly on the left-hand side of the vehicle.

Item numbers refer only to the overview or to the texts next to the corresponding graphic.

Subject to technical modifications.



- For key to pictographs, see EBA-CD or ASAP (Aftersales Assistance Portal).

- Do not archive the printout of these Installation Instructions as daily updates are conducted through ASAP!

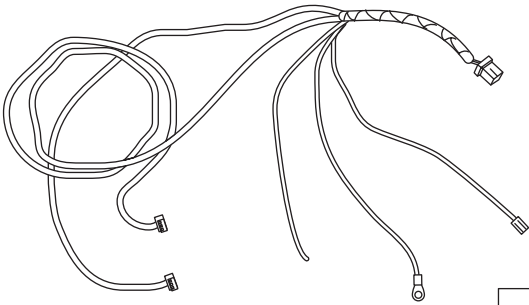
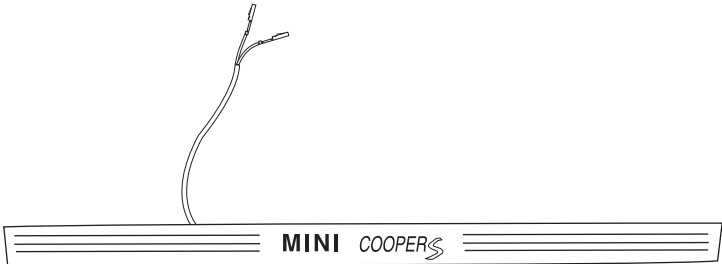
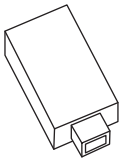
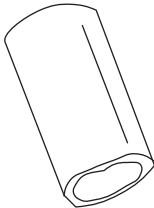
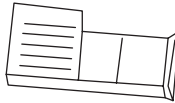

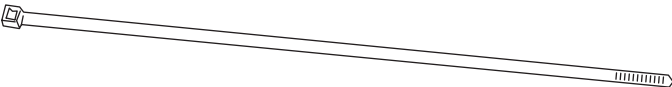

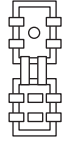
Required special tools:

None

Contents

Section	Page
Important information	1
1. Parts overview	3
2. Preparatory work	4
3. Connection overview - adapter cable A	5
4. Installation and layout diagram	6
5. Installing illuminated sill panel strip	7
6. Finishing off	9
7. Schematic circuit diagram	10

1. Parts overview

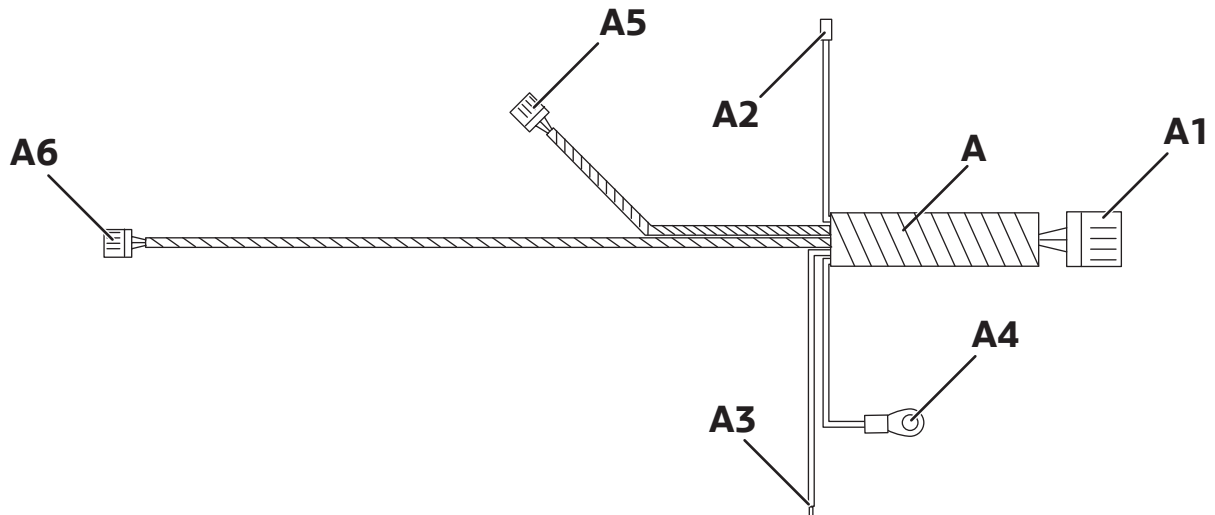
A  1x	B  2x		
C  1x	D  1x	E  2x	F  4x
G  10x		H  1x	I  2x

050 0327 B

2. Preparatory work

	TIS No.
Read out fault code memory	---
Disconnect battery	12 00 ...
Remove left and right sill panel strips	---
Remove bottom A-pillar trim panel, right and left	---
Release fuse holder	---

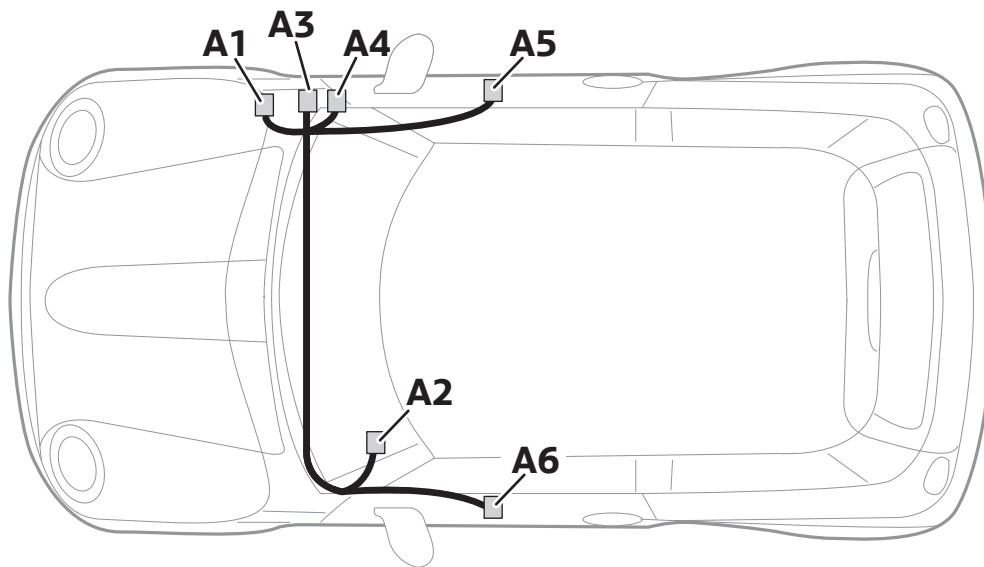
3. Connection overview - adapter cable A



050 0329 B

Item	Description	Signals	Wire colour	Connection location in vehicle	Designation/ plug-in location
A	Adapter cable				
A1	3-pin black socket housing			Inverter C	
A2	1-pin pin contact	Terminal 30	Red	At fuse block, left	X10200, PIN 4
A3	Open cable end	VA	Red/black	To general module	X253, PIN 7
A4	Cable shoe Ø 6 mm	Terminal 31	Brown	To ground terminal point, A-pillar right	X151
A5	3-pin socket housing			At right sill panel	
A6	3-pin socket housing			At left sill panel	

4. Installation and layout diagram



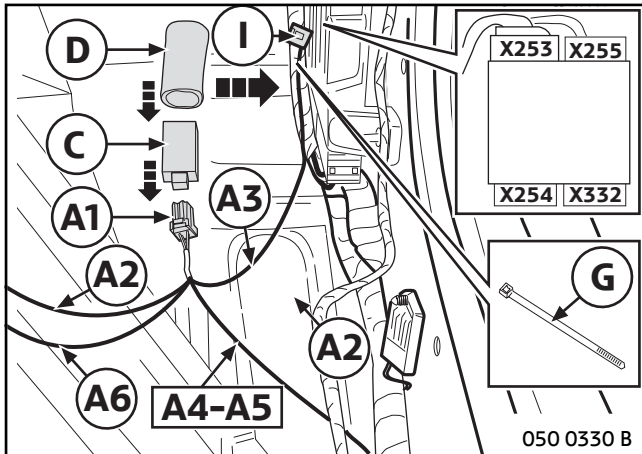
050 0328 B

Key

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

Tie back excess length.

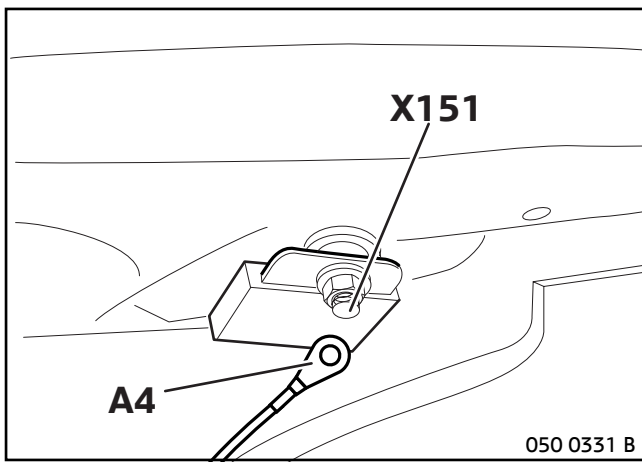
5. Installing illuminated sill panel strip



▶ Illustration shows front right A-pillar.

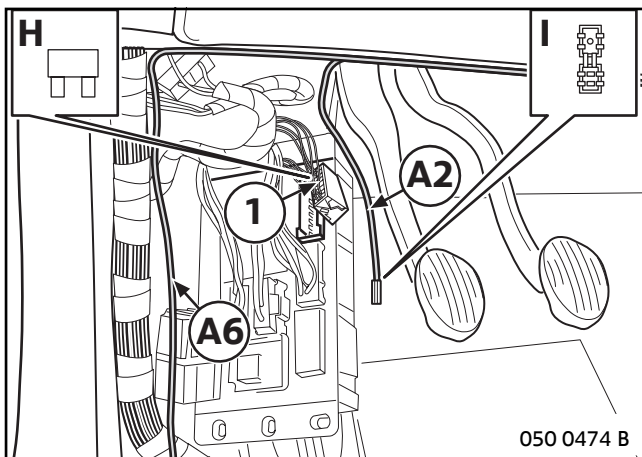
Slide protective cover **D** over inverter **C**.
Connect branch **A1** of wiring harness **A** to inverter **C**.
Secure inverter **C** with protective cover **D** to main wiring harness using cable tie **G**.

Connect branch **A3** with insulation displacement connector **I** to general module (front right A-pillar) **X253**, **Pin 7**.



▶ Illustration shows front right A-pillar.

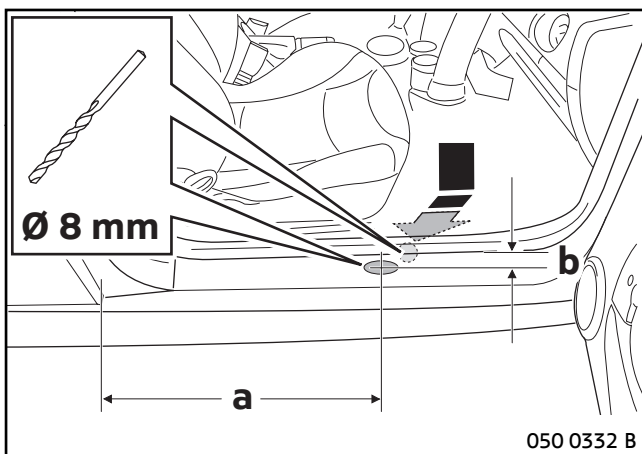
Connect branch **A4** of adapter wiring harness **A** to front right ground terminal **X151**.



▶ Illustration shows front left A-pillar. ◀

Connect branch **A2** to **X10200**, **PIN 4 (1)**.
If **PIN 4** is already used, cut off connector from branch **A2** and connect with insulation displacement connector **I** to **X10200**, **PIN 4**.

▶ If there is no fuse in plug-in slot 4, plug in fuse **H**.

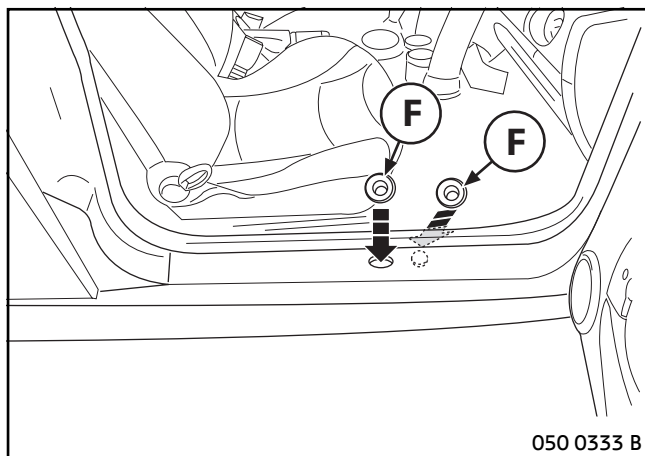


▶ The illustration shows the front right sill panel strip. ◀

Drill an 8 mm \varnothing hole at the marked point **at the front** of the side sill panel flange and at the same point in the vehicle interior.
a = 750 mm
b = 45 mm

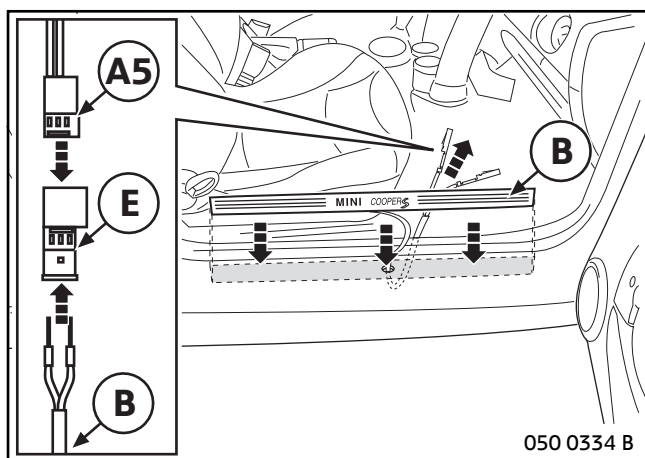
▶ Drill 12 mm \varnothing hole only in the plastic sill panel. ◀

5. Installing illuminated sill panel strip



- ▶ The illustration shows the front right sill panel strip. ◀

Fit rubber grommets **F** in drilled holes.



- ▶ The illustration shows the front right sill panel strip. ◀

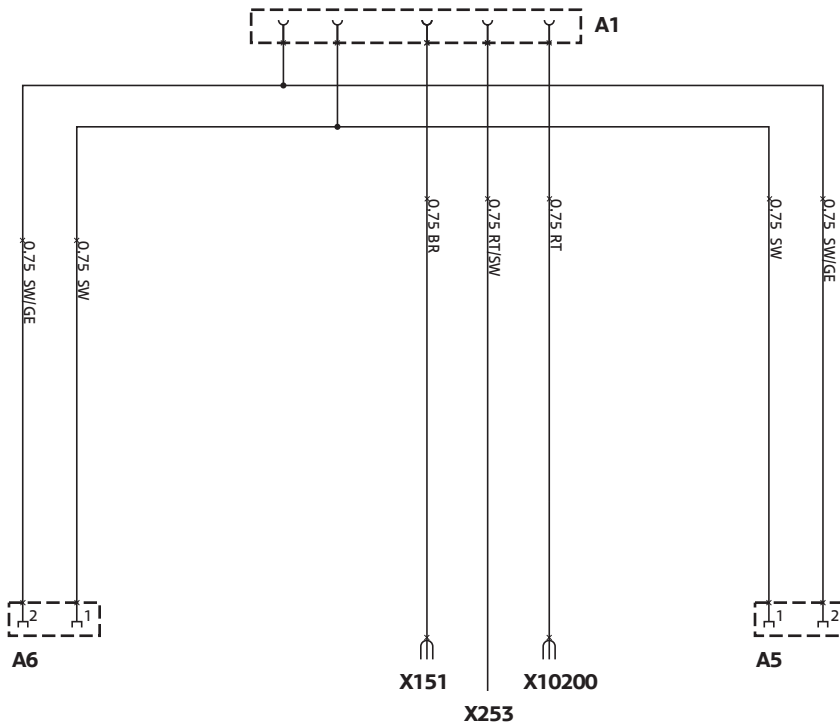
Pass 2-pole cable of sill panel strip **B** through rubber grommets into vehicle interior. Plug pin contact of sill panel strip **B** into pin housing **E**, chamber 1 and 2 and connect branch **A5** of adapter wiring harness. Remove the protective film of the adhesive strip on the back of the illuminated sill panel strip **B** and adhere sill panel strip **B** in position.

- ▶ Particular care must be taken on vehicles equipped with the aerodynamics package to ensure that the sill panel strip **B** is fitted in the centre.

6. Finishing off

Reconnect all connectors and plug connections.
Reassemble vehicle in reverse order of removal.

7. Schematic circuit diagram



050 435 B

7. Schematic circuit diagram

Key

A1*	8-pin socket housing
X10200	1-pin in contact, PIN 4
X253	Open wire end, signal, PIN 7
X151	Cable shoe Ø 6 mm
A5*	3-pin socket housing
A6*	3-pin socket housing

The components marked with * apply to this circuit diagram only.
All other components and X-designations correspond to the BMW Service circuit diagrams.

Wire colours

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