

# Parts and Accessories

## Installation instructions.



### Retrofit kit - Dome strut MINI Cooper S (R53)

**Retrofit kit No.:** 51 71 0 395 853 Dome strut

#### **Installation time**

The installation time of approx. 0.5 hours can vary depending on the condition and equipment of the vehicle.

#### **Important information**

These installation instructions are mainly intended for use in the MINI dealership network and by authorised BMW Service Centres;

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

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

**Should you encounter problems during the installation procedure or operation, after briefly performing troubleshooting (about half an hour) contact one of the following in order to avoid unnecessary work and costs:**

- 1. Either your national subsidiary or your regional office or**
- 2. the Support through the Aftersales Assistance Portal (ASAP) using the optional "Technical Support" application.**

**Please quote the vehicle identification number as well as the part number of the installed retrofit kit and a detailed description of the problem.**

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

Refer to ASAP for explanations of the pictographs.

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

Pictographs:



identifies information that draws attention to danger/hazards.



Identifies information that draws attention to specific requirements.

◀ identifies the end of an information or warning text.

Subject to technical modifications.

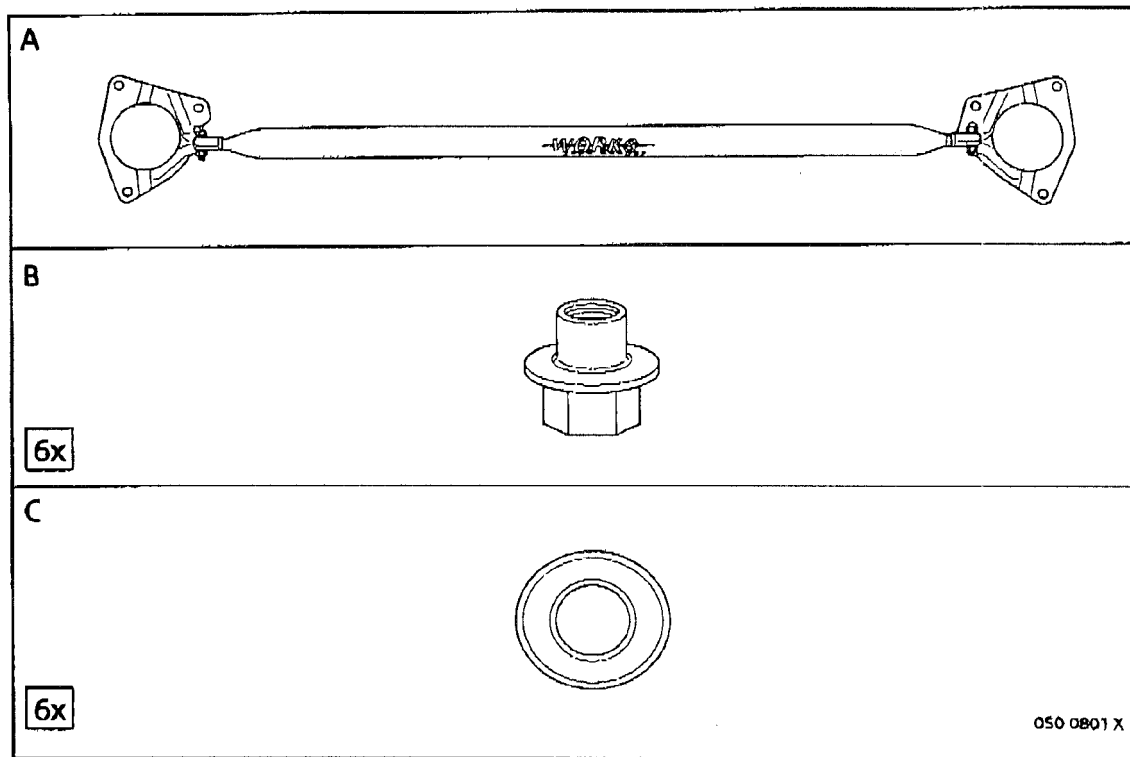
#### **Required special tools**

None

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# 1. Parts overview



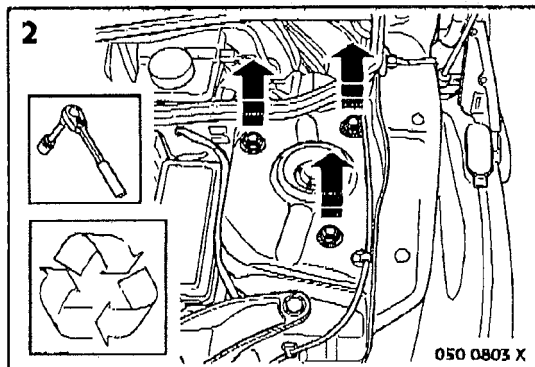
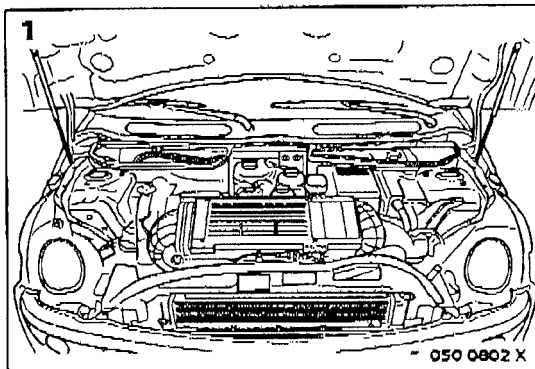
Key

A Dome strut

B Nut

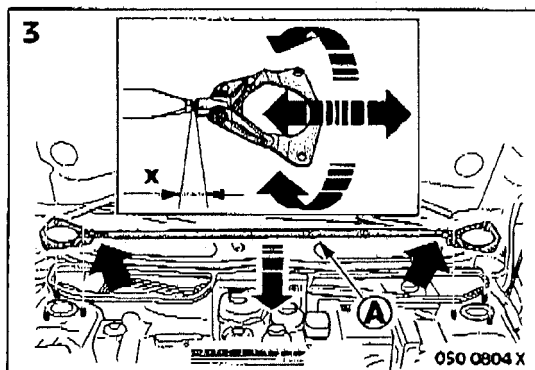
C Washer

## 2. Installing dome strut



Remove the nuts from the left and right spring strut tower.

 The nuts must not be reused.

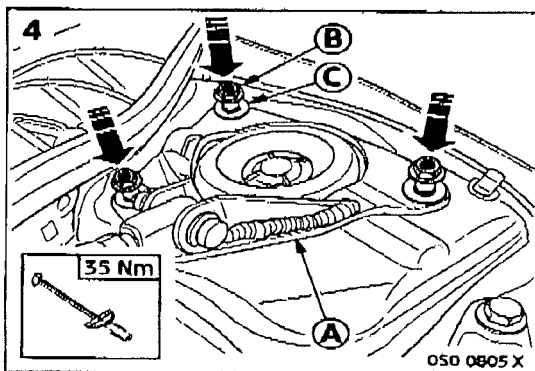


Adjust the width of the dome strut by:

- Turning the strut plates in or out as required


so that the hole pattern on the strut plates agrees with the studs on the spring towers.

 Make sure the distances between the strut plates and cross strut are equal.

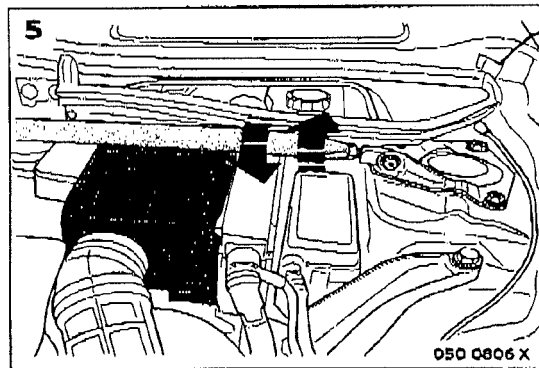


Mount the dome strut on the vehicle by :

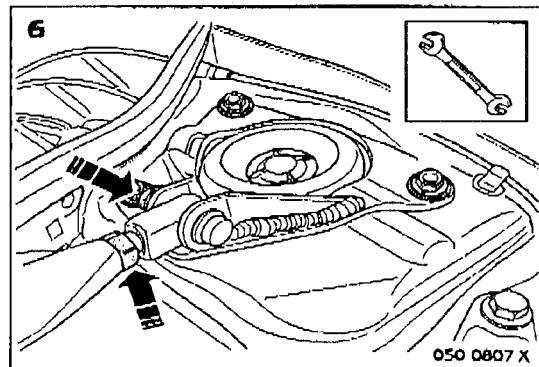
- First fitting the washers on the studs and  
- firmly tightening the nuts supplied with the retrofit kit.

 Tighten the nuts to the specified torque.

## 2. Installing dome strut



By correspondingly turning towards the air cleaner, adjust the cross strut so that the front and rear of the strut are equidistant with respect to the air cleaner.



Secure the set position of the cross strut by firmly tightening the lock nuts at the cross strut and the plate joint screws.