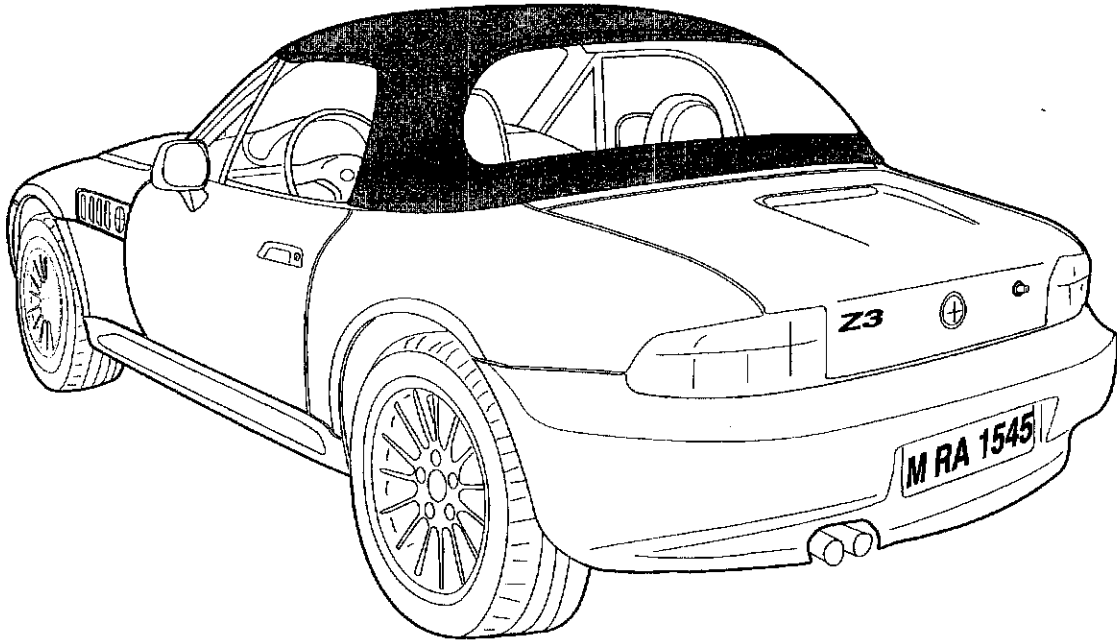




Teile und Zubehör - Einbauanleitung



F 36 54 001 ZS

BMW Parts and Accessories – Installation Instruction
Substructure for hardtop
BMW Z3 roadster (E36/7)

Substructure for hardtop BMW Z3 roadster (E 36/7)

Technical knowledge is required
Installation time approx. 1.5 hours, which can vary according to the condition and fittings of the vehicle.

Safety notes

Installation of the hardtop substructure is to be carried out only by a BMW specialist workshop. This is where the appropriately trained specialist personnel and necessary tools and auxiliary materials are exclusively available.
BMW accepts no liability for damage which occurs as a result of not following the work sequence and safety instructions. In addition, any warranty claim against BMW AG is extinguished in the event of improper fitting and handling which diverges from the installation and operating instructions.

Assembly notes

In vehicles with electrohydraulic soft top (EH soft top) the support for the plug-in connector and the electrical connection for the rear window defogger is already mounted. In these vehicles the storage box and the side trim panels do not have to be dismantled.

In vehicles with rollover protection system (ÜRRS) note should be taken of the Repair Instructions under 54 61 (Rollbar).

Recommendation

To make disassembly of the centre console, storage box and/or left side trim panel easier, it is practical to remove the left seat. The time spent on doing this, however, is not allowed for in the installation time and not shown in these installation instructions.

Vehicles with rollover protection system (ÜRSS)

Please refer to the Repair Instructions for disassembly of the rollbar and storage box.

Required tools and auxiliary materials

Phillips screwdriver
Screwdriver
Combination spanner SW 10 mm
Combination spanner SW 13 mm
Crimping tool for crimping stops (61 9 041)
Die for crimping tool (61 9 042)
Contact grease

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1. Parts kit for hardtop substructure

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- a Support for hardtop left (1x)
- b Support for hardtop right (1x)
- c Covering for support left (1x)
- c1 Covering cap left (1x)
- d Covering for support right (1x)
- d1 Covering cap right (1x)
- e Cover for switch of rear window defogger (1x)
- e1 Dummy plate (2x)
- f Switch for rear window defogger (1x)
- g Bracket for plug-in connector (1x)
- h Bracket for plug-in connector of cable set (k) (1x)
- i Hexagon-head screw (4x)
- j Screw cap (2x)
- k Adapter cable (1x) (preassembled in support a)
- k1 Pin housing (1x) (attached to adapter cable)
- l Contact pin 2.5 mm² (2x)
- m Contact pin 0.5 mm² (1x)
- n Installation instructions (1x)

2. Preparatory operations

Open soft top and retract the two opening levers again.

Dismantle driver's seat.

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Press together the cover (1) underneath the holding fixture for the tonneau cover (2) and remove it from the vehicle.

Note

The two covers (1) on left and right are no longer required.

F 36 54 011 ZS

Loosen nut (1) of main pivot bracket (2) for soft top.

Repeat operations on the right-hand side of the vehicle.

3. Install hardtop substructure

F 36 54 003 ZS

Remove oddments tray (1) or ashtray from centre console (2) and loosen the screw which lies underneath. Loosen screw (3) on right and left.

F 36 54 004 ZS

Raise centre console (1) carefully, at the same time prising the oddments tray (2) out of the frame of the centre console (1).

Caution

Do not raise centre console (1) too high to avoid doing damage.

Note

The oddments tray (2) is no longer required.

F 36 54 005 ZS

Loosen screws (1) of the rear oddments tray (only in vehicles without EH soft top). Take hold of the centre console through the aperture (2) and guide the tied-back plug housing (3) (electrical connection for switch for rear window defogger) through the opening (2).

Remove foam cladding (4) from the plug housing (3).

Only for vehicles without electrohydraulically activated soft-top.

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Remove covering caps (1) of the storage compartment (2) and loosen the screws which lie underneath.

Only for vehicles with hi-fi system (Harman Kardon)

F 36 54 050 ZS

Remove covering caps (1) of the storage compartment (2) and loosen screws which lie underneath.

Prise up lid of storage compartment (2) with a screwdriver.

All vehicles without electrohydraulically activated soft top

F 36 54 007 ZS

Open cover (1) of storage compartment and loosen the two screws (2). Remove storage compartment housing.

F 36 54 009 ZS

Carefully prise out sill strip (1) and weatherstrip (2) on the left-hand side of the vehicle. Loosen screws (3). Pull seat belt out to some extent from the retractor reel.

Get a second person to lift the soft top slightly and remove the trim panel (4) by turning it anti-clockwise. Place it to one side.

Note

It is not necessary to dismantle the seat belt.

F 36 54 010 ZS

Separate the tied-back cable (1) from the wiring harness (2). Guide the cable (1) with connector (3) along the wiring harness (2) in the direction of the main pivot bracket of the soft top.

F 36 54 012 ZS

Lay cable (1) in the vicinity of the main pivot bracket (2) for the soft top and reinstall the side trim panel (3). Place support fixture (h) in the bracket (g) and turn by approx. 45°. Clip pin housing (k1) of the cable (1) onto the support fixture (h).

Caution

In some vehicles it may happen that the plug housing of the vehicle wiring harness (1) does not correspond to the socket housing of the adapter cable (k).

In these vehicles, the plug housing of the cable (1) is to be replaced by the pin housing (k1) with the appropriate contact pins (l and m) attached to the adapter cable (k).

The existing pin housing on the adapter cable (k) (2 cables 0.5 mm²) is provided for the EH soft top. The plug connection for the rear window defogger of the hardtop is provided with three cables (2 x 2.5 mm² and 1 x 0.5 mm²).

Note

Please note the information given in the Repair Instructions under "General vehicle electrical system Unified Parts Grouping 61".

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Insert socket housing (1) of the adapter cable (k) in the pin housing (k1) and place bracket (g) on the set screw (2).

Only for vehicles with electrohydraulically activated soft top

In vehicles with EH soft top, the bracket (g) with support fixture (h) is already fitted. Remove the plug and socket connection retained on the support fixture (h) and separate it. Insert adapter cable (k) between the separated plug and socket connection and lock it again on the support fixture (h). Fit the bracket (g) as shown in the illustration F 36 54 049 ZS.

All vehicles

F 36 54 013 ZS

Screw together hardtop support (a) to main pivot bracket (1) for soft top with screws (i) on the left-hand side of the vehicle. Tighten flanged nut (2) again on the threaded stud.

Tightening torque of the screws (i): 28-32 Nm.

F 36 54 015 ZS

Screw together hardtop support (b) to main pivot bracket (1) for soft top with screws (i) on the right-hand side of the vehicle. Tighten flanged nut (2) again on the threaded stud.

Tightening torque of the screws (i): 28-32 Nm.

F 36 54 016 ZS

Re-install the storage box (1) in the reverse sequence of disassembly (only vehicles without EH soft top. Press switch (f) into the panel (e) and connect it to the plug housing (2). With the aid possibly of a second person, press panel (e) into the support frame (3) of the centre console (4) until it audibly engages. Depending on the vehicle equipment, the dummy plates (e1) are to be inserted in the panel (e). Firmly screw the centre console (4) on again.

Note

In certain vehicles with corresponding optional equipment, the panel (e) is already fitted. In this case it is not necessary to change the panel (e).

3.1 Without subsequent hardtop fitting

F 36 54 042 ZS

Tighten screws (1) on hardtop support and attach the two connectors (2) of the adapter cable (k).

Tightening torque of the screws (1): 9 Nm

Caution

Do not secure the screws (1) with Loctite.

Coat the contacts of the hardtop support with contact grease.

F 36 54 043 ZS

Place covering (c) on the set screw of the main pivot bracket (1) of the soft top and screw it on to the hardtop support with screw (j). Insert covering cap (c1) in the covering (c) and twist it until the opening in the covering (c) is covered.

Tightening torque of the screws (j): 4 - 6 Nm.

Repeat operations on the right-hand side of the vehicle.

3.2 With subsequent hardtop fitting

With subsequent hardtop fitting, the two plug connectors of the adapter lead are not put on the hardtop supports for the time being and the coverings are not fitted.

Further operations are to be carried out in accordance with the installation instructions "Hardtop - first fitting".

