

Fitting Instructions

Rear stabiliser / anti roll bar VW-Beetle/Bug

Swing axle and semi trailing axle

Contents Stabiliser 16mm 7380063KER

21.08.2018

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|---|---------------------------|
| 1 Stabiliser / Anti roll bar | 2 Hanger with rubber bush |
| 2 Fixing clamp rear axle tube (2 piece) | 4 Locking nut M10 |
| 2 Rubber bush | 10 Washer M10,5x5x30 |
| 2 Clamp for anti roll bar | 2 Screw M10x70 |
| 8 Screw M8x25 | 2 Screw M10x80 |
| 8 Spring washer M8 | |

Optionally for cars with semi trailing axle:

Eccentric for adjustment of the camber (1 degree) 7380964KER (2xrequired!)

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|-------------------|-------------------|
| 1 Excenter | 1 washer M12 |
| 1 Locking nut M10 | 1 Locking Nut M12 |

Assembly:

- Fix clamp (two-piece) to rear axle tube.
(smaller part from the top & larger part with bracket for the stabiliser bar from below)

Secure using M8x25 screws and M8 spring washers each part.

NOTE: The clamp must be fitted with the straight side facing towards the front.



- Mount the rubber bushes on the stabiliser bar in each of the two straight sections of the bar (as far outside as possible).
The centre bend of the stabiliser must point upwards! (on 5-gear may be downwards)
- Place the anti roll bar clamps over the rubber bushes and attach to the fixing clamps on the axle tube using M8x25mm screws with M8 spring washers. **Screws initially only hand tight!**

Fitting without camber eccentric:

- Fix the hangers to the stabiliser ends using M10x70 screws, M10 locking nuts and 3 washers M10,5x5x30 (Illustration 1 /without camber eccentric)
- **Semi trailing arm suspension:**
Remove the middle of the three screws either side which connects the trailing arm with the blade. Fix the hangers to the middle hole using M10x80 screw and M10 locking nut. Use 2 washers each hole (Illustrat. 1)
- Centralise the stabiliser bar, lower the vehicle to the ground and tighten all screws.
Only tighten the fixing screws for the hangers once the vehicle is fully lowered to the ground otherwise the rubber bushes may be twisted.

Swing axle suspension:

- With the vehicle standing on the wheels the stabiliser bar should run near enough parallel to the blade, hold the hangers at 90° to the blade.
Mark the position of the hole in the hanger on the suspension blade.
Drill a 10,5mm (0,41ö) hole and mount the hanger by using M10x80 screw and M10 locking nut and 2 washers each side (Illustration 1).
Only tighten the fixing screws for the hangers when the vehicle is fully lowered to the ground - otherwise the rubber bushes may be twisted.

Fitting with camber eccentric (only semi trailing arm suspension):

- Fix the hangers to the stabiliser ends using M10x70 screw, M10 locking nut and 1 washer M10,5x5x30 each side (Illustration 2 /with camber eccentric).
- Remove the middle of the three screws either side which connects the trailing arm with the blade.
- Elongate the middle hole downwards to length 18mm (0,71ö).
- Insert the eccentric screws. Each together with an M12 washer and an M12 locking nut (Illustration 2)
- Fix the stabiliser with the other side of the hanger to the eccentric screw. Use one locking nut M10 and one washer M10,5x5x30 each side.
By rotating the eccentric the camber is changed by approx 1 degree.
- After adjusting the camber tighten the eccentric.
Only tighten the fixing screws for the hangers when the vehicle is fully lowered to the ground - otherwise the rubber bushes may be twisted.



Settings and torque information:

Camber rear axle: Maintain standard camber (setting) of $-1^{\circ} \pm 40'$

Torque for screws:

M8:	25 Nm (18 ½ lb/ft)
M10:	60 Nm (44 ¼ lb/ft)
M12:	100 Nm (74 lb/ft)

Illustration 1 /without camber eccentric

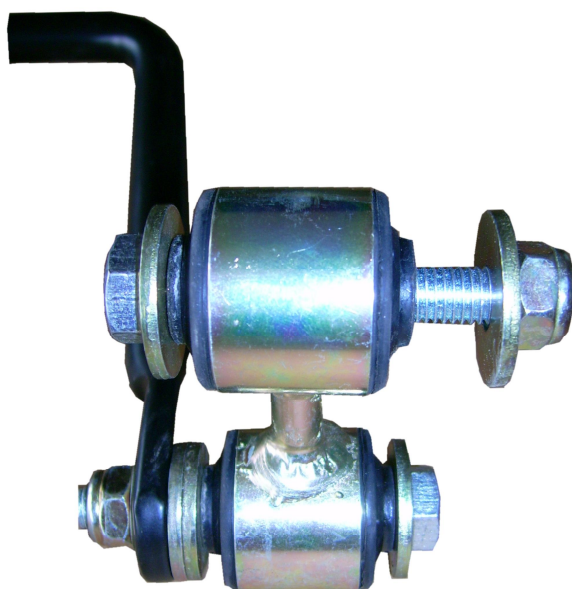


Illustration 2 /with camber eccentric

