

BMW 3-Series (92-98) & Z3 (96-98) Haynes Online Manual

16 Rear stabilizer bar - removal and installation

Removal

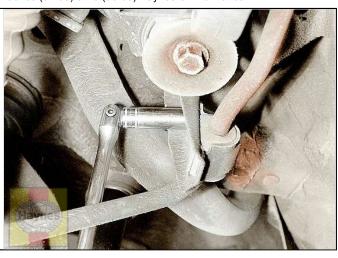
- 1 Chock the front wheels, then jack up the rear of the vehicle and support it on axle stands. To improve access, remove the rear wheels.
- 2 Loosen and remove the nut securing each connecting link to the upper control arms (see illustration) .

16.2 Rear stabilizer bar connecting link-tocontrol arm nut (arrow)



3 Make alignment marks between the mounting bushings and <u>stabilizer bar</u>, then loosen the two stabilizer bar mounting clamp retaining nuts and bolts (see illustration).

16.3 Loosen and remove the rear stabilizer bar clamp retaining nuts and bolts



- 4 Remove both clamps from the <u>subframe</u>, and maneuver the <u>stabilizer bar</u> and connecting link assembly out from underneath the vehicle. Remove the mounting bushings and connecting links from the bar.
- 5 Carefully examine the <u>stabilizer bar</u> components for signs of wear, damage or deterioration, paying particular attention to the mounting bushings. Replace worn components as necessary.

Installation

Note:

New mounting clamp nuts and connecting link nuts will be required on installation.

- 6 Install the rubber mounting bushings to the <u>stabilizer bar</u>, aligning them with the marks made prior to removal. Rotate each bushing so that its flat surface is facing forwards.
- 7 Maneuver the <u>stabilizer bar</u> into position. Locate the connecting links in the upper control arms, and install the new retaining nuts and tighten securely.
- 8 Install the mounting clamps, ensuring that their ends are correctly located in the hooks on the <u>subframe</u>, and install the bolts and new retaining nuts. Ensure that the <u>bushing</u> markings are still aligned with the marks on the bars, then securely tighten the mounting clamp retaining nuts.
- 9 Install the wheels then lower the vehicle to the ground and tighten the wheel bolts to the specified torque.

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