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BMW 3-Series 320i & 320xi (12-14), 325i, 325xi, 330i & 330xi (06) & 328i & 328xi (07-14) Haynes Online Manual

7 Front stabilizer bar - removal and installation

Removal

Note:

On F-series chassis models, the front subframe must be lowered (see [Chapter 2B, Section 11](#)) to allow the stabilizer bar to be removed.

1 Block the rear wheels, firmly apply the parking brake, then raise the front of the vehicle and support it securely on jackstands. Remove the fasteners and the engine under-shield, then remove both front wheels.

2 Unscrew the retaining nuts, and free the connecting link from each end of the stabilizer bar using a second wrench to counterhold the balljoint stud (see illustration) .

7.2 Use a second wrench to counterhold the stabilizer bar balljoint stud



3 Make alignment marks between the mount bushings and the stabilizer bar, then loosen the stabilizer bar mounting clamp retaining nuts (see illustration) .

7.3 The split-side of the stabilizer bar bushing is at the rear



4 Remove the nuts and both clamps from the subframe, and maneuver the stabilizer bar out from underneath the vehicle. Remove the mount bushings from the bar. Discard the self-locking nuts; new ones must be installed.

5 Carefully examine the stabilizer bar components for signs of wear, damage or deterioration, paying particular attention to the mount bushings. Replace worn components as necessary.

Installation

6 Install the rubber mount bushings to the stabilizer bar, aligning them with the marks made prior to removal. Rotate each bushing so that its flat surface is at the top, and the split side on the rear.

7 Maneuver the stabilizer bar it into position. Install the mounting clamps and the new retaining nuts. Ensure that the bushing markings are still aligned with the marks on the bars, then tighten the mounting clamp retaining nuts to the specified torque.

8 Engage the stabilizer bar connecting links with the bar. Make sure the flats on the balljoint shank are correctly located against the lugs on the bar, then install the new retaining nuts and tighten them to the specified torque.

9 Install the brackets to the center of the stabilizer bar and tighten the bolts securely.

10 Install the under-shield, then install the wheels, lower the vehicle to the ground and tighten the wheel bolts to the specified torque.