



**Haynes**  
shows you how

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

## 15 Rear stabilizer bar - removal and installation

### Removal

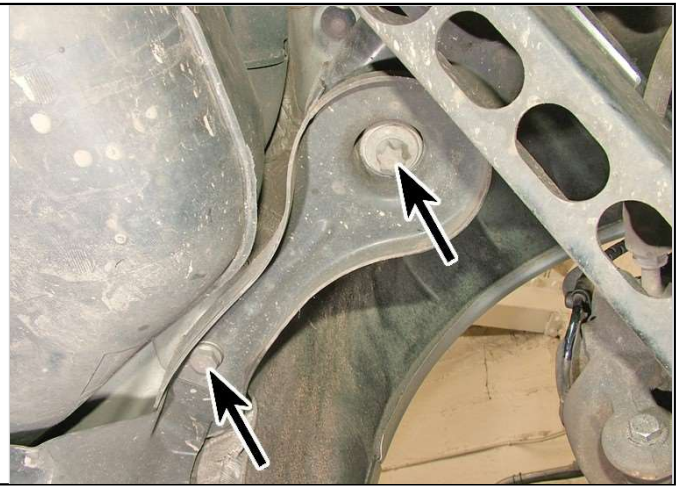
- 1 Remove both rear coil springs (see [Section 12](#) ).
- 2 Remove the control arm from the left-hand side and both traction struts (see [Section 14](#) ).
- 3 Remove the nuts and detach both stabilizer bar links from the stabilizer bar (see illustration) .

**15.3 Use a slim wrench to counterhold the stabilizer bar link balljoint shank**



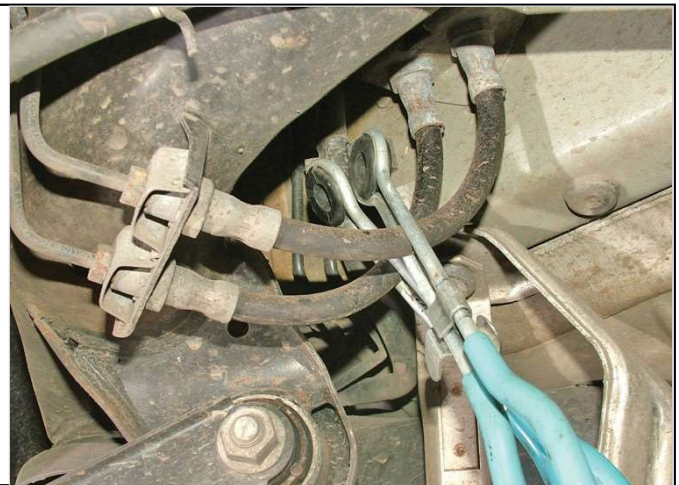
- 4 Lower the rear subframe slightly to enable the stabilizer bar to be removed. Remove the rear exhaust section mounts and heat shield.
- 5 Disconnect the wiring for the rear ABS sensors and brake pad wear sensors at the junction on the rear subframe.
- 6 Remove the bolts from the braces at each side securing the front of the subframe to the vehicle body (see illustration) .

**15.6 Remove the bolts and remove the brace from each side**



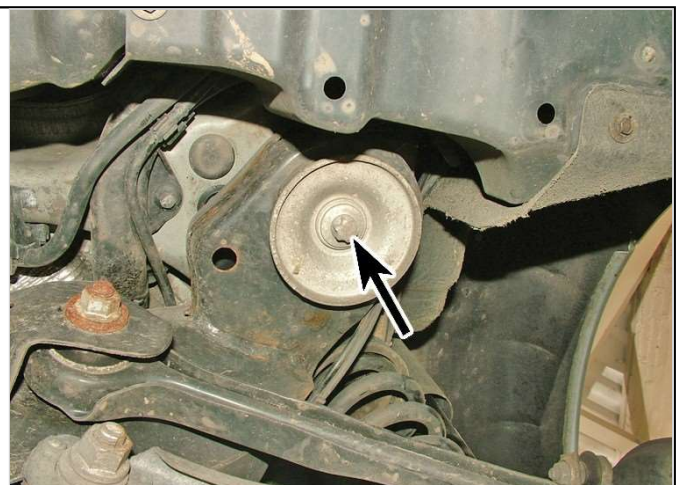
7 Use clamps on the rear brake flexible hoses, then disconnect the hoses from the rigid pipes (see illustration)

**15.7 Clamp the flexible hoses**



8 Support the rear subframe with a floor jack and suitable sections of wood. Loosen the subframe mounting bolts and lower the subframe as much as possible without placing any strain on the brake hoses (see illustration) .

**15.8 Subframe mounting bolt location**



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

### 15.9 Stabilizer bar clamp bolt locations



10 Remove both clamps from the subframe and maneuver the stabilizer bar out from underneath the vehicle. Remove the mount bushings from the bar.

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

## Installation

12 Install the rubber mount bushings to the stabilizer bar, aligning them with the marks made prior to removal.

13 Raise the stabilizer bar and maneuver it into position.

14 Install the mounting clamps and the bolts. Ensure that the bushing markings are still aligned with the marks on the bars, then securely tighten the mounting clamp retaining bolts.

15 Installation is the reverse of removal, noting the following points:

- A. Replace all self-locking nuts.
- B. The traction strut and control arm bolts/nuts should only be tightened when the rear suspension has been raised with a floor jack to simulate normal ride height.
- C. Tighten all fasteners to their specified torque where given.
- D. Reconnect the brake hoses and bleed the hydraulic system (see [Chapter 9](#) ).
- E. Have the rear wheel alignment checked at the earliest opportunity.