



**Haynes**  
shows you how

**BMW 3-Series and Z4 (99-05) Includes 2006 325ci/330ci Coupe and Convertible models Haynes Online Manual.**

## 16 Rear suspension stabilizer bar - removal and installation

### Note:

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

### Removal

1 Chock the front wheels, then raise the rear of the vehicle and support it securely on jackstands. To improve access, remove the rear wheels.

2 Loosen and remove the nut and bolt securing each connecting link to the upper control arms (see illustration)

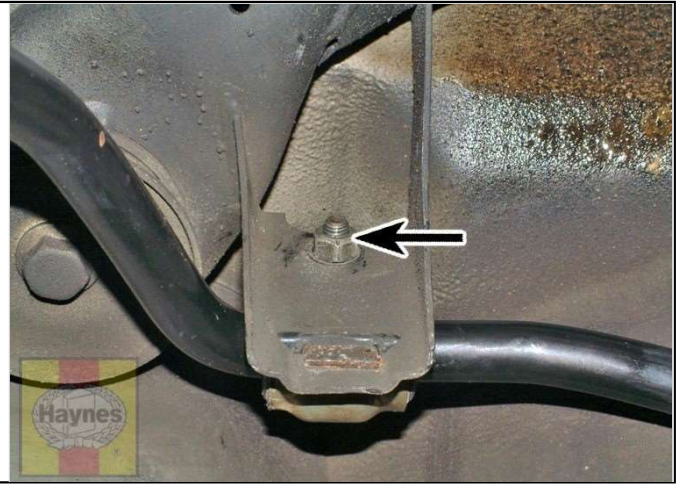
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**16.2 Remove the nut and bolt securing the stabilizer bar link to the control arm**

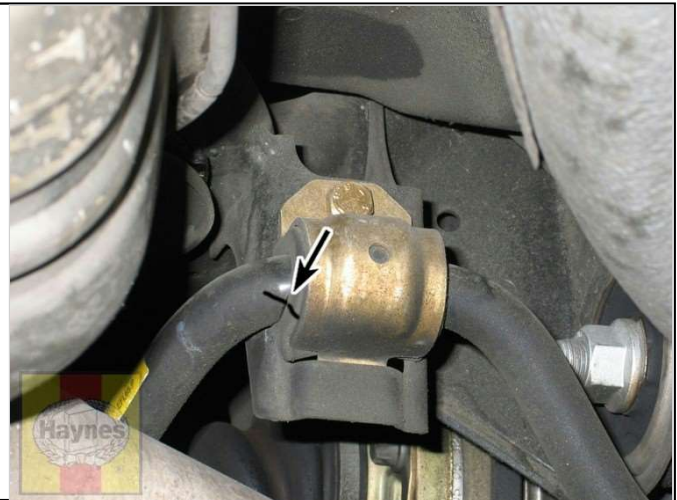


3 Make alignment marks between the mounting bushings and stabilizer bar, then loosen the stabilizer bar clamp retaining nuts and bolts (see illustrations) .

### 16.3a Loosen the rear stabilizer bar clamp nut



### 16.3b Mark the relationship of the bushings to the stabilizer bar



4 Remove both clamps from the subframe, and maneuver the stabilizer bar and connecting link assembly out from underneath the car. Remove the bushings and connecting links from the bar.

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

## Installation

6 Install the rubber mounting bushings to the stabilizer bar, aligning them with the marks made prior to removal. Rotate each bushing so that its flat surface is facing forwards.

7 Place the stabilizer bar into position. Locate the connecting links in the upper control arms, and install the new retaining nuts and tighten securely.

8 Reinstall the mounting clamps, ensuring that their ends are correctly located in the hooks on the subframe, and install the bolts and new retaining nuts. Ensure that the bushing markings are still aligned with the marks on the bars, then securely tighten the mounting clamp retaining nuts.

9 Reinstall the wheels then lower the car to the ground and tighten the wheel bolts to the specified torque.

