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shows you how

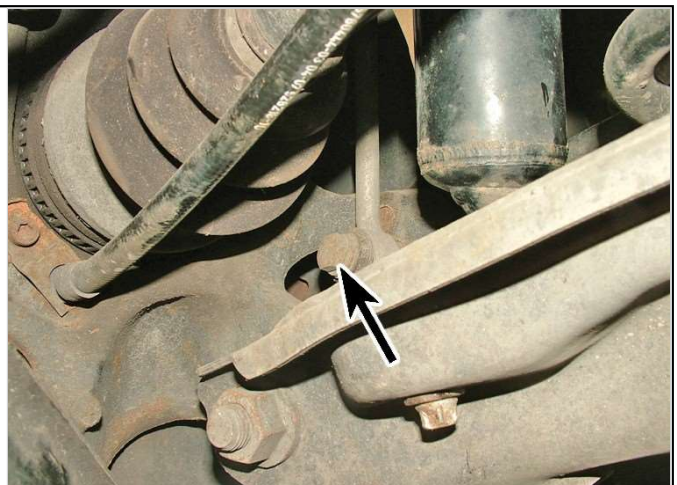
**BMW 3-Series 320i & 320xi (12-14), 325i, 325xi, 330i & 330xi (06) & 328i & 328xi (07-14) Haynes Online Manual**

## 13 Rear hub carrier - removal, overhaul and installation

### Removal

- 1 Block the front wheels, then raise the rear of the vehicle and support it securely on jackstands. Remove the relevant wheel.
- 2 Remove the relevant driveaxle (see [Chapter 8](#) ).
- 3 Remove the brake disc and ABS wheel speed sensor (see [Chapter 9](#) ).
- 4 Disconnect the parking brake cable from the rear wheel (see [Chapter 9](#) ).
- 5 Remove the coil spring (see [Section 12](#) ).
- 6 Position a jack underneath the hub carrier to support the weight of the arm.
- 7 Loosen and remove the shock absorber lower mounting nut, then remove the 2 bolts and remove the shock absorber mounting (see [Section 11](#) ).
- 8 Remove the bolt and detach the stabilizer bar link from the hub carrier (see illustration) .

#### 13.8 Stabilizer bar link bolt location



9 Disconnect the trailing arm, traction strut, tow arm, control arm and camber arm from the hub carrier (see Section 14 ) then remove the hub carrier.

## Overhaul

10 Thoroughly clean the hub carrier and the area around the carrier mountings, removing all traces of dirt and undercoating if necessary. Check carefully for cracks, distortion or any other signs of wear or damage, paying particular attention to the mount bushings and balljoint. If either the bushings or balljoint require replacement, the hub carrier should be taken to a dealer or suitably-equipped garage. A hydraulic press and suitable spacers are required to press the bushings/ balljoints out of position and install the new ones. Inspect the pivot bolts for signs of wear or damage and replace as necessary.

## Installation

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

- A. Replace all self-locking nuts.
- B. Only tighten the trailing arm, traction strut, toe arm, control arm and camber arm bolts/nuts 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. Have the rear wheel alignment checked at the earliest opportunity.

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