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

10 Driveaxle oil seals - replacement

Note:

New driveaxle joint retaining bolts and a driveaxle flange snap-ring will be required.

1 On E-series models, mark the relative positions of the driveaxle and the differential flange (see illustration 8.14) . Loosen and remove the bolts securing the driveshaft CV joint to the differential and the retaining plates (see [Section 8](#)). Position the driveaxle clear of the flange and tie it to the vehicle underbody using a piece of wire. **Note:** *Do not allow the driveaxle to hang under its own weight or the CV joint may be damaged.*

2 On F-series chassis models, remove the driveaxle (see [Section 7](#)).

3 On E-series models, carefully pry the driveaxle flange out from the differential, taking care not to damage the dust seal or case (see illustration) . Remove the flange and the dust seal. If the dust seal shows signs of damage, replace it.

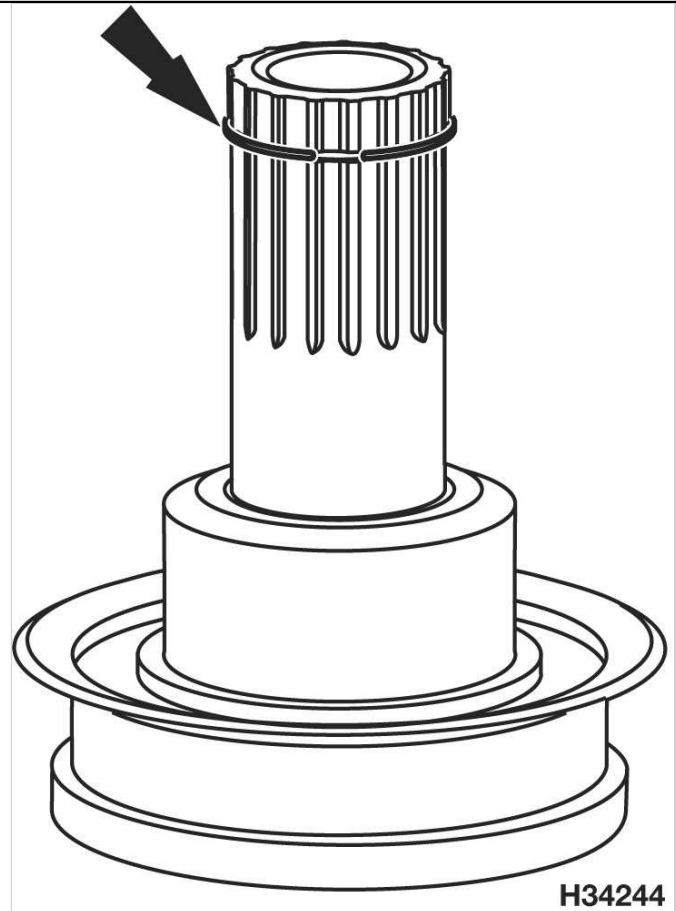
10.3 Use a pry bar to remove the driveaxle flange from the differential



4 Carefully pry the oil seal out from the rear differential. Wipe clean the oil-seal seating area.

5 With the flange or driveaxle removed, pry out the snap-ring from the end of the splined shaft (see illustration)

10.5 Replace the output flange snap-ring



6 Install a new snap-ring, making sure it is correctly located in the splined shaft groove.

7 Apply a little differential oil on the sealing lip of the new oil seal, then press it squarely into the casing until it reaches its stop. If necessary, the seal can be tapped into position using a metal tube which bears only on its hard outer edge (see illustration) .

10.7 Install the new seal using a socket that hits only on the hard outer edge of the seal



8 Install the dust cover and insert the drive flange. Push the drive flange fully into position and check that it is securely retained by the snap-ring.

9 On E-series models, align the driveshaft with the flange and install the new retaining bolts and plates, tightening them to the specified torque.

10 On F-series chassis models, install the driveaxle (see [Section 7](#)).

11 Refill the differential with oil (see [Chapter 1](#)).

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