



Haynes
shows you how

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

2 Shift lever assembly - removal and installation

Note:

A new shift lever bearing will be required on installation.

1 Raise the vehicle and support it securely on jackstands. Remove the fasteners and the under-shield beneath the transmission (where equipped) (see [Chapter 1, Section 29](#)).

2 Remove the fasteners and the reinforcement plate from beneath the vehicle (see illustration) .

2.2 Remove the reinforcement plate from below the exhaust system



3 Remove the fasteners and the heat shield from beneath the driveshaft.

4 Starting at the front left-hand edge, push in the sides and free the shifter boot from the center console. On models manufactured 03/2007 and later, the shift boot is integral with the shift lever knob (see illustration) .

2.4 Squeeze together the sides, and remove the shifter boot



5 Support the transmission with a transmission jack, then remove the bolts/nuts and remove the crossmember and mount from the rear of the transmission.

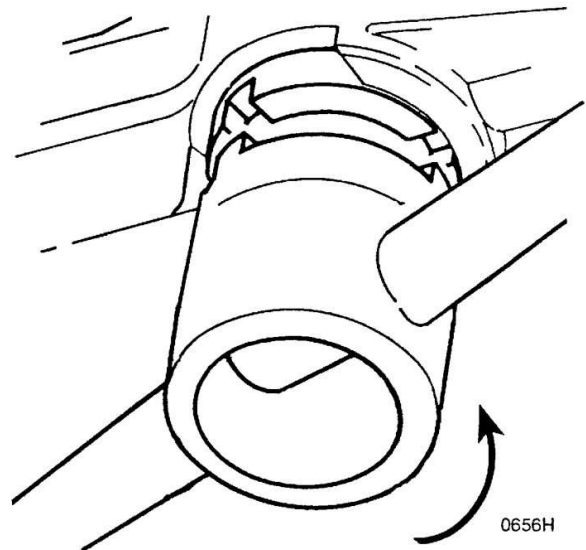
6 Pry the securing clip from the end of the shift selector rod pin. Withdraw the selector rod pin from the eye on the end of the shift lever (see illustration) .

2.6 Slide the retaining clip from the selector rod pin



7 Release the shift lever lower bearing retaining ring from the shift selector arm. A special tool is available for this purpose, but two screwdrivers, with the tips engaged in opposite slots in the bearing ring, can be used instead. To unlock the bearing ring, turn it a quarter-turn counterclockwise (see illustration) .

**2.7 Turn the bearing ring counterclockwise
(special tool shown)**



8 The bearing can now be pushed up through the housing, and the shifter can be withdrawn from inside the vehicle.

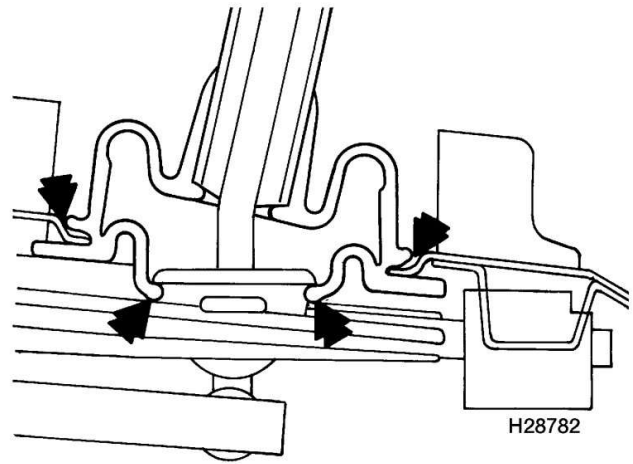
9 If desired, the bearing can be removed from the shifter ball by pressing it downwards. To withdraw the bearing over the shifter eye, rotate the bearing until the eye passes through the slots provided in the bearing.

10 Install the new bearing in the reverse order of removal. Ensure that the bearing is pressed securely into position on the shifter ball.

11 Install the lever in the reverse order of removal, noting the following points:

- A. Grease the bearing contact faces before installation.
- B. Lower the shifter into position, ensuring that the arrow on the shifter grommet points towards the front of the vehicle.
- C. Make sure that the shift lever grommet is correctly engaged with the shift arm and with the opening in the vehicle floor (see illustration).
- D. When engaging the bearing with the selector arm, make sure that the arrows or tabs (as applicable) on the top of the bearing point towards the rear of the vehicle.
- E. To lock the bearing in position in the selector arm, press down on the top of the bearing retaining tab locations until the tabs click into position.
- F. Grease the selector rod pin before engaging it with the shift lever eye.

2.11 Shifter grommet correctly engaged with the selector arm and vehicle floor



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