Axle Shaft: Service and Repair

Removal

Special Tools
- Counterhold tool No. 999 5461, or equivalent
- Prying tool No. 999 5462, or equivalent
- Counterhold tool No. 99 5540, or equivalent
- Refer to special tool section for additional tool information.

NOTE:
- This section on driveshafts includes cars with both manual and automatic transmission.
- Unless stated otherwise in the text or illustrations, the Procedures are the same for both manual and automatic models.
- The illustrations normally show driveshafts for manual models.
- The Procedure is the same for both LH and RH driveshafts unless stated otherwise.

Procedure

1. Remove:
   - Front wheel.
   - ABS sensor from steering swivel member.

   NOTE: Do not undo connector.

2. Undo brake pipe bracket and ABS lead.
   - Unhook bracket and let it hang free.
   - Remove driveshaft center nut.
   - Remove the split pin from the hub center nut.
   - Use counterhold tool No. 999 5461 (4 wheel bolts) or tool No. 999 5540 (5 wheel bolts), or equivalent, and remove nuts.
   Disconnect driveshaft end from hub
     Tap shaft end in approx. 10-15 mm, using a plastic or copper mallet.
3. Remove:
   - Link arm from anti-roll bar.
   - Nuts holding link arm/ball joint together.
   Unhook link arm from ball joint.
   Be careful with ball joint bellows (gaiter).
   Only If removing RH driveshaft:
   - Remove splashguard from under engine (earlier models only).

4. Remove driveshaft from hub.
   Twist and remove MacPherson strut.
   Tap on driveshaft end with plastic or copper mallet and remove driveshaft from hub.
   Clean spline joint (hub-driveshaft) of metal glue.

5. RH driveshaft:
   - Remove bearing cap from driveshaft support bearing.
   - Remove driveshaft from gearbox.

   **NOTE:** Take care not to damage seal in transmission or driveshaft boot (gaiter).
6. LH driveshaft:
   - Remove driveshaft from transmission.
     Use prying tool No. 999 5462, or equivalent, to apply leverage between transmission and inside of driveshaft.

**NOTE:** Take care not to damage driveshaft seal or boot (gaiter).