

Front Stabilizer Bar Bushing - 3.6L (TdV8) Diesel (60.60.47)

Special Service Tools




Front Stabilizer Bar Bushing Tightening Tool
204-703




Front Stabilizer Bar Bushing Tightening Tool
204-705

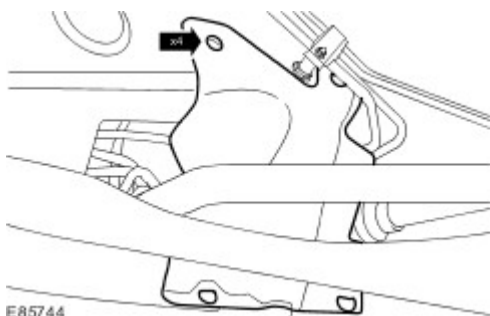
Removal

- 1 .  **WARNING: Do not work on or under a vehicle supported only by a jack. Always support the vehicle on safety stands.**

Raise and support the vehicle.

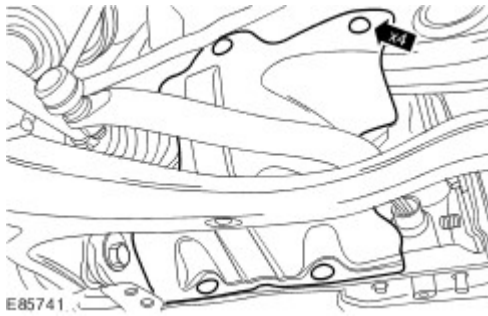
- 2 . Remove the front wheels and tires.
- 3 . Remove the engine undershield.
For additional information, refer to [Engine Undershield \(76.10.50\)](#).
- 4 . Remove the RH splash shield.

 Remove the 4 clips.



- 5 . Remove the LH splash shield.

- ▶ Remove the 4 clips.

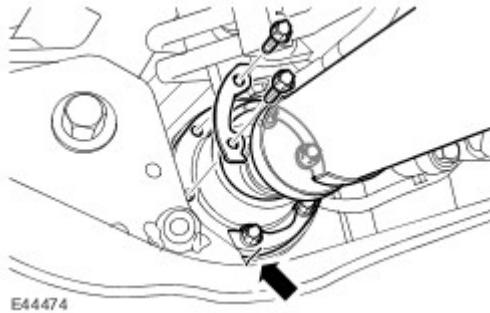


6.  **CAUTION: Mark the position of the driveshaft flange in relation to the drive pinion flange.**

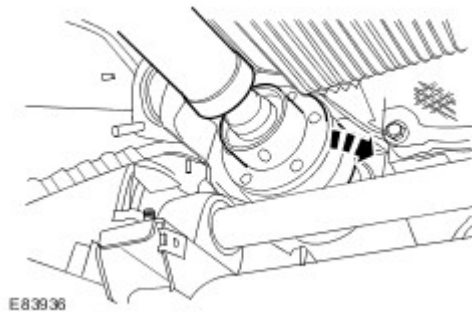
-  **CAUTION: To avoid damage to the joint or gaiter, do not allow the driveshaft to hang.**


Release the driveshaft from the front axle drive flange.

- ▶ Remove the 6 Torx bolts and washers.
- ▶ Discard the bolts.



7. Support the driveshaft.
- ▶ Compress the joints to disengage the drive flanges.
 - ▶ Using suitable securing strap, reposition and support the driveshaft.



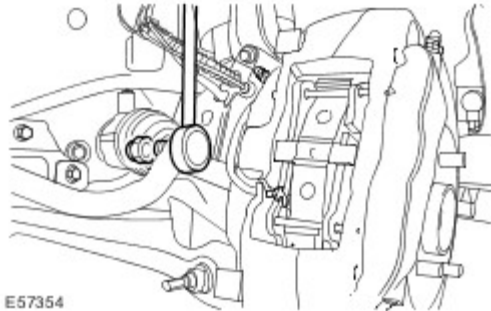
8.  **CAUTION: Use a Torx socket to prevent the ball joint rotating whilst removing the nut.**



CAUTION: Note the position of the hardened steel washer. The hardened steel washer must be installed between the stabilizer bar link and the stabilizer bar. Failure to follow this instruction may result in damage to the vehicle.

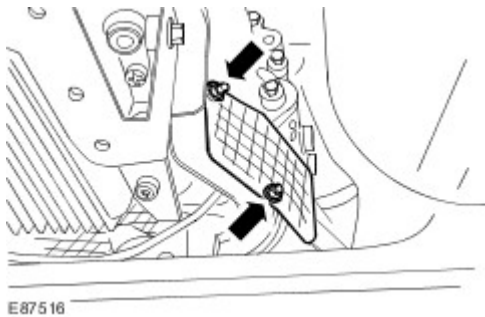
Disconnect both the stabilizer bar links from the stabilizer bar.

▶ Remove and discard the 2 nuts.



9 . Remove the fuel pipe heat shield.

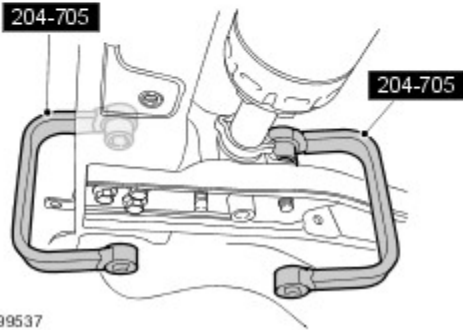
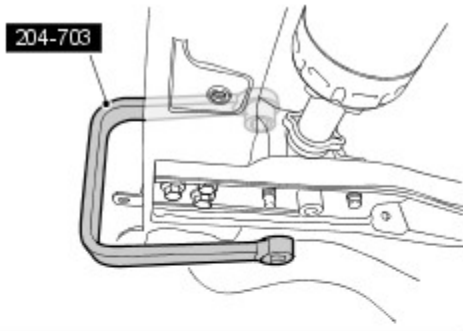
▶ Remove the 2 nuts.



10 . **NOTE:**

Right-hand shown, left-hand similar.

Position the special tools.



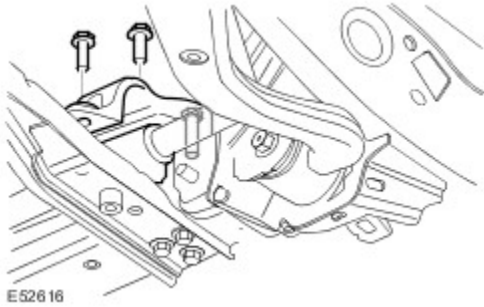
E99537

11 . NOTE:

Left-hand shown, right-hand similar.

Remove the stabilizer bar bushings.

- Using the special tools, remove and discard the 6 bolts.
- Remove the stabilizer bar clamps.

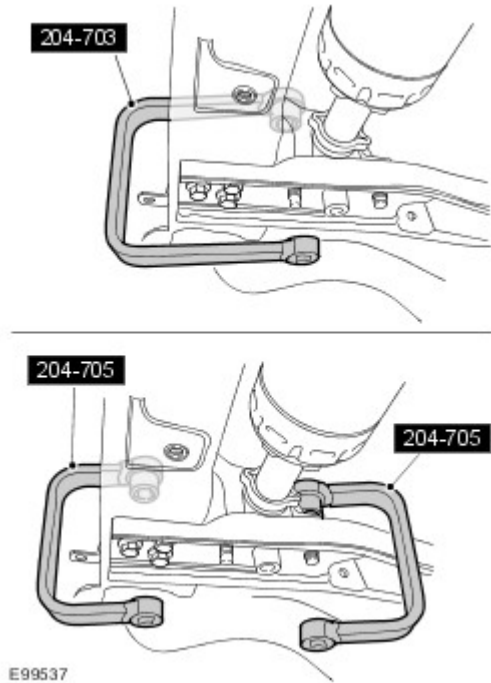


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Installation

1 . Install the stabilizer bar bushings.

- Clean the components.
- Install the stabilizer bar clamps.
- Using the special tools, tighten the bolts to 115 Nm (85 lb.ft).



2 . Install the fuel pipe heat shield.

- ▶ Tighten the nuts to 8 Nm (6 lb.ft).

3



CAUTION: Make sure the hardened steel washer is installed between the stabilizer bar link and the stabilizer bar. Failure to follow this instruction may result in damage to the vehicle.



CAUTION: Use a Torx socket to prevent the ball joint rotating whilst installing the nut.

Connect both stabilizer bar links to the stabilizer bar.

- ▶ Install new nuts and tighten to 175 Nm (129 lb.ft).

4 **NOTE:**

A small amount of oil may weep from the driveshaft joints during storage. The loss of this oil will not affect the operation or durability of the joint.

Secure the driveshaft to the front axle drive flange.

- ▶ Remove and discard the tie strap.
- ▶ Clean the components.
- ▶ Compress the joints to engage the drive flanges.
- ▶ Install new retaining bolts.
- ▶ Stage 1: Tighten the bolts to 45 Nm (33 lb.ft).
- ▶ Stage 2: Tighten the bolts a further 90 degrees.

5 . Install the LH splash shield.

- ▶ Install the clips.

6 . Install the RH splash shield.

▶ Install the clips.

7 . Install the engine undershield.

For additional information, refer to [Engine Undershield \(76.10.50\)](#).

8 . Install the front wheels and tires.

▶ Tighten the wheel nuts to 140 Nm (103 lb.ft).