

STEERING COLUMN

STEERING COLUMN LOWER SHAFT (G2250281)

REMOVAL AND INSTALLATION

57.40.22

SHAFT –
COLUMN –
INTERMEDIATE
– RENEW

ALL
DERIVATIVES

0.30

USED WITHINS

PART(S)

| STEP | PART NAME | QUANTITY |
|---------------------|--|----------|
| Installation Step 4 | Steering column lower shaft upper bolt | 1 |
| Installation Step 7 | Lower steering column to steering gear bolts | 1 |

REMOVAL

⚠ CAUTION:

Do not turn the steering wheel with the steering column lower shaft disconnected as damage to the clockspring and steering wheel switches may occur.

1. Disconnect the battery ground cable.
Refer to: [Specifications](#) (414-00 Battery and Charging System - General Information, Specifications).

2. Turn the steering wheel to the straight ahead position.

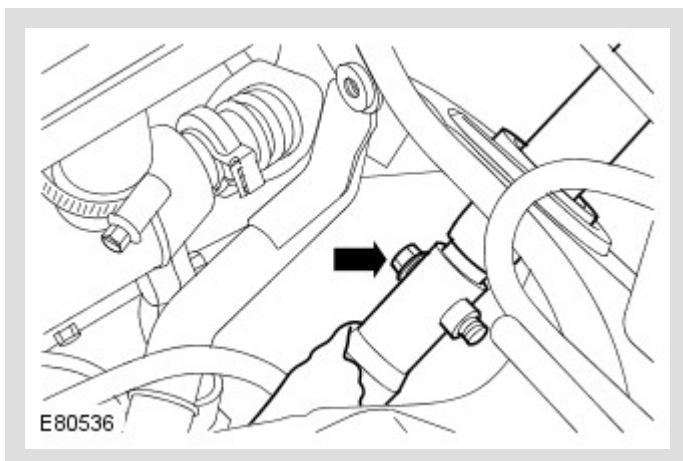
3.

⚠ CAUTIONS:

- Make sure the steering wheel is in the straight ahead position.
- Do not turn the steering wheel with the steering column lower shaft disconnected as damage to the clockspring and steering wheel switches may occur.

⚠ NOTE:

Note the fitted position.



Remove and discard the steering column lower shaft upper bolt.

4.

⚠ WARNING:

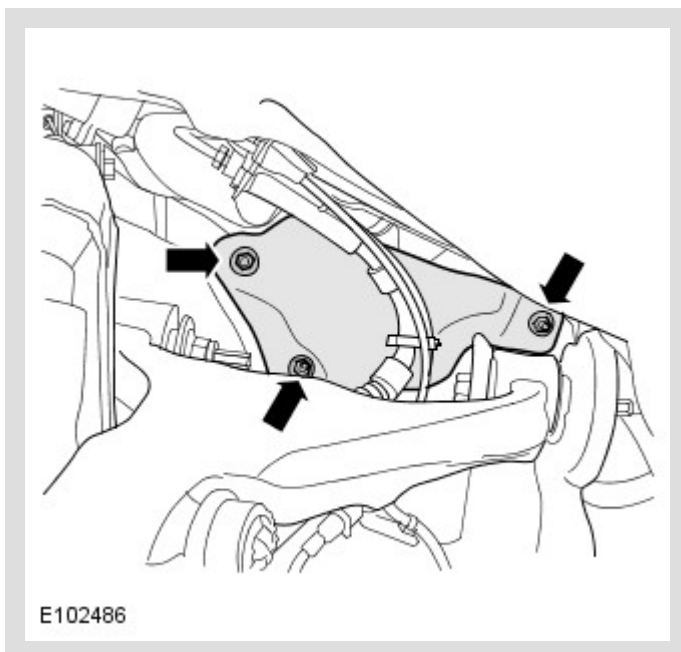
Do not work on or under a vehicle supported only by a jack. Always support the vehicle on safety stands.

Raise and support the vehicle.

5.

⚠ CAUTION:

Make sure that the brake hose and the wiring harnesses are not damaged during the removal and installation of the heat shields.



Remove the 3 nuts. Remove the upper suspension arm heat shield for access.

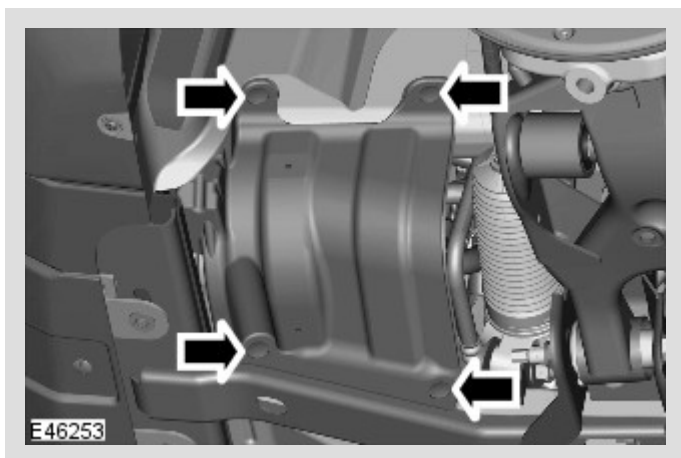
6.

⚠ CAUTION:

Do not turn the steering wheel with the steering column lower shaft disconnected as damage to the clockspring and steering wheel switches may occur.

Disconnect the steering column lower shaft from the intermediate shaft.

7.



Remove the 4 clips. Remove the fender splash shield lower trim.

8.

⚠ CAUTION:

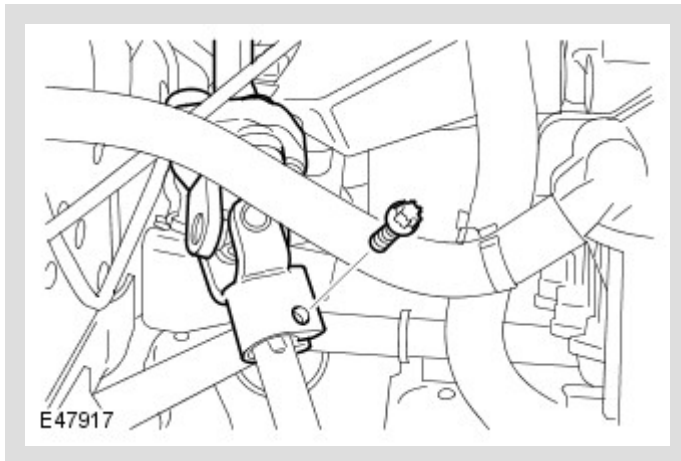
Make sure that the steering is correctly positioned using the road wheels. Do not turn the steering wheel. Failure to follow this instruction may result in damage to the vehicle.

Turn the steering until access can be gained to the steering column lower shaft bolt.

9.

⚠ CAUTION:

Do not turn the steering wheel with the steering column lower shaft disconnected as damage to the clockspring and steering wheel switches may occur.




Remove and discard the steering column lower shaft bolt.

10. Disconnect the steering column lower shaft from the steering gear. Remove the steering column lower shaft.

INSTALLATION


1. Clean the component mating faces.

2.  **CAUTION:**

Make sure that the road wheels are in the straight ahead position.

Install the steering column lower shaft. Connect the steering column lower shaft to the steering gear.
Connect the steering column intermediate shaft to the lower shaft.

3. Lower the vehicle on the lift.

4.  **CAUTION:**

Make sure that a new bolt is installed.

Install the steering column lower shaft upper bolt. Install a new bolt and tighten.

Renew Part: [Steering column lower shaft upper bolt](#) *Quantity:* 1.

Torque: **30Nm**

5. Raise the vehicle on the lift.

6.  **CAUTIONS:**

- Do not turn the steering wheel with the steering column lower shaft disconnected as damage to the clockspring and steering wheel switches may occur.
- Make sure that the steering is correctly positioned using the road wheels. Do not turn the steering wheel. Failure to follow this instruction may result in damage to the vehicle.

Turn the steering until access can be gained to the steering column lower shaft bolt.

7. Install the steering column lower shaft to steering gear bolt. Install a new bolt and tighten.

Renew Part: [Lower steering column to steering gear bolts](#) *Quantity:* 1.

Torque: **30Nm**

8. Install the fender splash shield lower trim. Install the 4 clips.

9. Install the upper suspension arm heat shield. Install the 3 nuts.

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