



Steering Column Lower Shaft (57.40.16 / 57.40.27)


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. Open the hood.

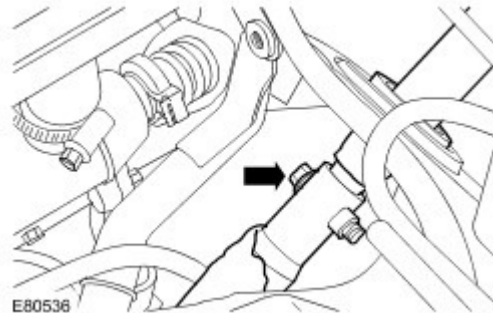
3.  **CAUTION :** Make sure the steering is in the straight ahead position.

 **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.

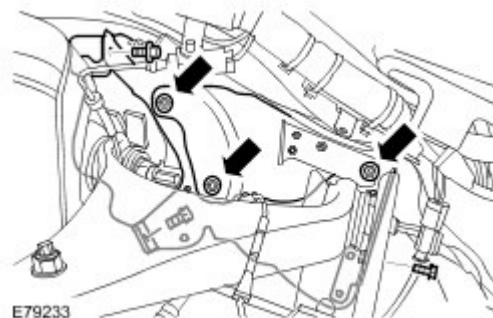
NOTE :

Note the fitted position.

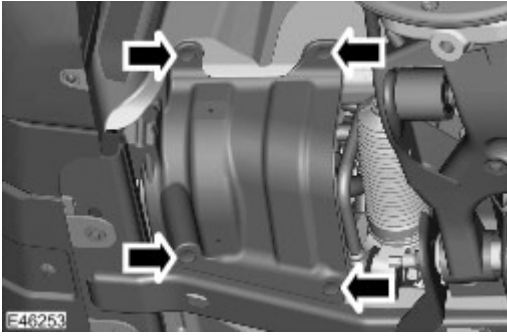
Loosen the steering column lower shaft to steering column upper shaft bolt.



4. Remove the wheel and tire.
5. Remove the upper arm and brake line heat shields for access.
 - ▶ Remove the 3 nuts.
 - ▶ Remove the 3 bolts.



6. Remove the fender splash shield lower trim.
 - ▶ Remove the 4 clips.



7 . Lower the vehicle on the lift.

8 . Turn the ignition key to position I.

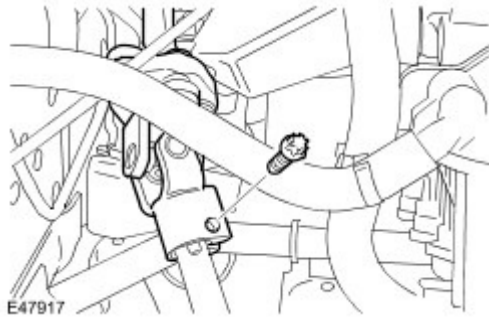
▶ Turn the steering wheel until the head of the steering column lower shaft bolt can be seen through the LH wheel arch.

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.



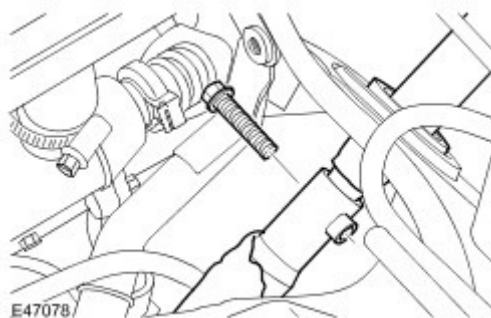
10 . Turn the steering wheel to the straight ahead position.

▶ Remove the ignition key.


11 . Raise the vehicle on the lift.

12 . Remove the steering column lower shaft.

▶ Remove and discard the steering column lower shaft upper bolt.



Installation

- 1 . Clean the component mating faces.
- 2 . Install the steering column lower shaft.
 - ▶ Connect the steering column lower shaft to the steering column upper shaft.
 - ▶ Connect the universal joint to the steering gear.
- 3 . Install but do not fully tighten at this stage a new steering column lower shaft to steering column upper shaft bolt.
- 4 . Lower the vehicle on the lift.
- 5 .
 -  **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.**
 - Turn the ignition key to position I.
 - ▶ Turn the steering wheel until the steering column lower shaft bolt hole can be seen through the LH wheel arch.
- 6 . Install the steering column lower shaft to steering gear bolt.
 - ▶ Install a new bolt and tighten to 30 Nm (22 lb.ft).
- 7 . Turn the steering wheel to the straight ahead position.
 - ▶ Remove the ignition key.
- 8 . Raise the vehicle on the lift.
- 9 . Install the fender splash shield lower trim.
 - ▶ Install the 4 clips.
- 10 . Install the upper arm and brake line heat shields.
 - ▶ Install the 3 nuts.
 - ▶ Install the 3 bolts.
- 11 . Install the wheel and tire.
 - ▶ Tighten the wheel nuts to 140 Nm (103 lb.ft).
- 12 . Tighten the steering column lower shaft to steering column upper shaft bolt to 30 Nm (22 lb.ft).
- 13 . Close the hood.