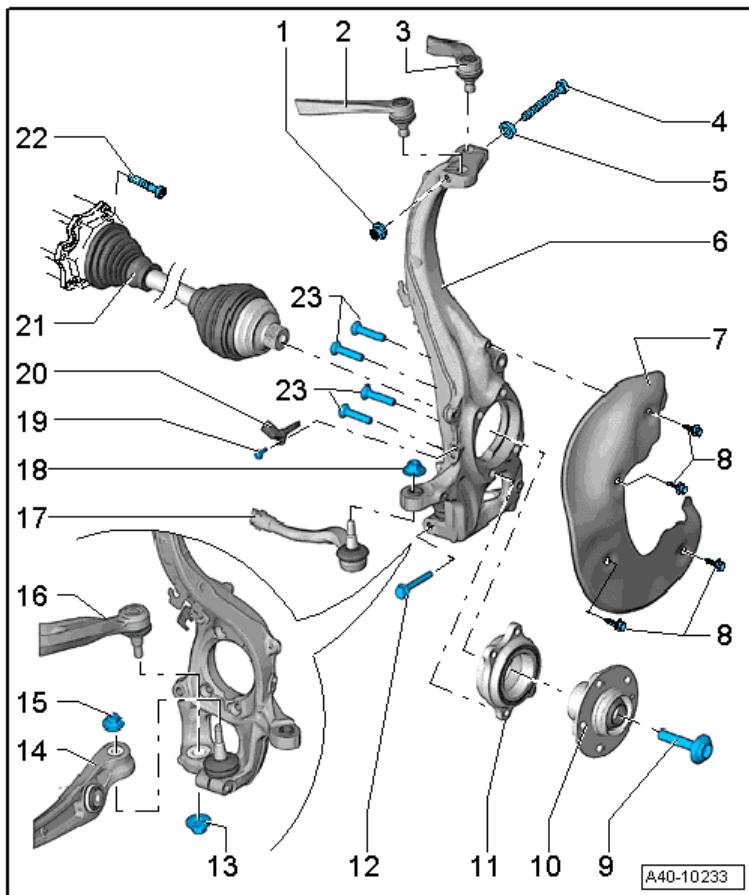


2015 Audi A4 Sedan (8K2) L4-2.0L Turbo (CAED)

Vehicle > Steering and Suspension > Steering > Front Steering Knuckle > Service and Repair > Removal and Replacement > Front Suspension

FRONT SUSPENSION - OVERVIEW - WHEEL BEARING

Overview - Wheel Bearing



1 - Nut

- 40 Nm

- Always replace if removed

2 - Upper Front Control Arm

3 - Rear Upper Control Arm

4 - Bolt

- Always replace if removed

5 - Washer

- Discontinued with newer versions

6 - Wheel Bearing Housing

- Removing and Installing. Refer to → Wheel Bearing Housing, Removing and Installing.

- There are different versions. Refer to the → Electronic Parts Catalog (ETKA) for the allocation.

- Distinguishing characteristics. Refer to → Wheel Bearing Housing with Different Steering Arm Thickness.



When exchanging the wheel bearing housing, make sure the length of the thread on the tie rod end is sufficient (there must be approximately 5 mm extra thread). If this is not the case, then install a new tie rod end with a longer thread pin. Refer to the → Electronic Parts Catalog (ETKA).

7 - Brake Shield

8 - Bolt

- 10 Nm

9 - Bolt

- 200 Nm + 180°

- Replace after each removal. Refer to → Drive Axle General Information.

- before installing, clean the threads in the CV joint with a tap.

10 - Wheel Hub

- The lateral run-out on the outer diameter of the wheel hub when installed can be a maximum of 0.02 mm.

- Measure the lateral run-out with the Dial Indicator - 0-10mm -VAS 6079- and Dial Indicator Bracket -VAS 6079/1-

- Removing and installing. Refer to → Wheel Bearing Unit, Servicing.

11 - Wheel Bearing

- Removing and installing. Refer to → Wheel Bearing Unit, Servicing.



- *Avoid contaminating with dirt and damaging the seal when setting down/storing. Refer to → Avoid contaminating with dirt and damaging the seal when setting down/storing..*

12 - Bolt

- Tightening Specification. Refer to → Bolt.

13 - Nut

- Always replace if removed

- There are different versions. Refer to the → Electronic Parts Catalog (ETKA) for the allocation.

- There are different versions and tightening specifications. Refer to → Nut Versions for the Control Arm and Guide Link Bracket

- After loosening threaded connection of guide control arm to wheel bearing housing, adhesive residue must be removed on thread of linkage stub.

14 - Control Arm

- There are different versions. Refer to the → Electronic Parts Catalog (ETKA) for the allocation.

15 - Nut

- Always replace if removed

- There are different versions. Refer to the → Electronic Parts Catalog (ETKA) for the allocation.
- There are different versions and tightening specifications. Refer to → Nut Versions for the Control Arm and Guide Link Bracket
- After loosening the threaded connection on the ball joint to the wheel bearing housing, adhesive residue must be removed on thread of linkage stub.

16 - Guide Link

- There are different versions. Refer to the → Electronic Parts Catalog (ETKA) for the allocation.

17 - Tie Rod End

- There are different versions. Refer to the → Electronic Parts Catalog (ETKA) for the allocation.

18 - Nut

- There are different versions. Refer to the → Electronic Parts Catalog (ETKA) for the allocation.
- There are different versions and tightening specifications. Refer to → Nut Versions for the Tie Rod End Fastener
- Always replace if removed

19 - Bolt

- 9 Nm

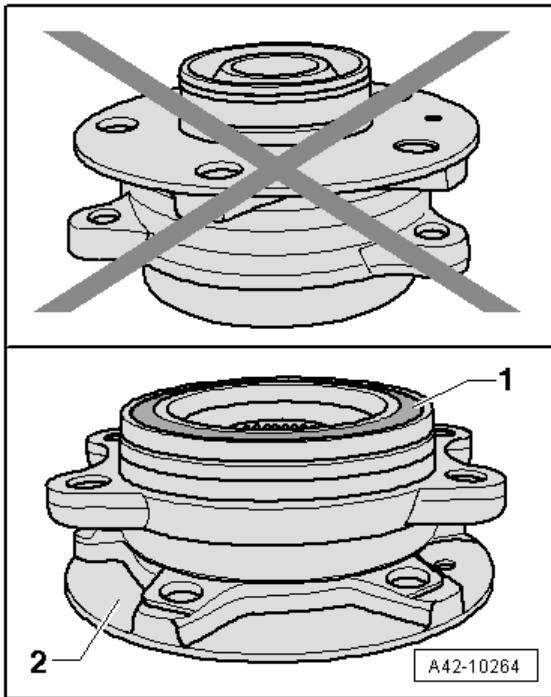
20 - Speed Sensor**21 - Drive Axle****22 - Bolt**

- 70 Nm
- Always replace if removed

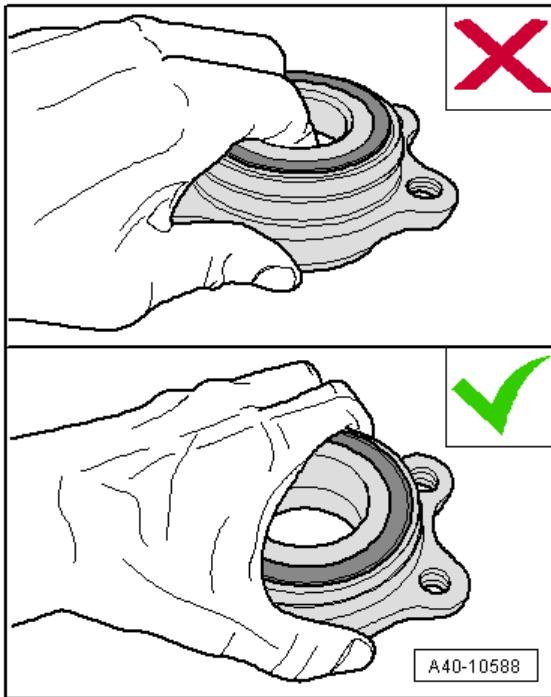
23 - Cap Screws

- 80 Nm + 90°
- Always replace if removed

Avoid contaminating with dirt and damaging the seal when setting down/storing.

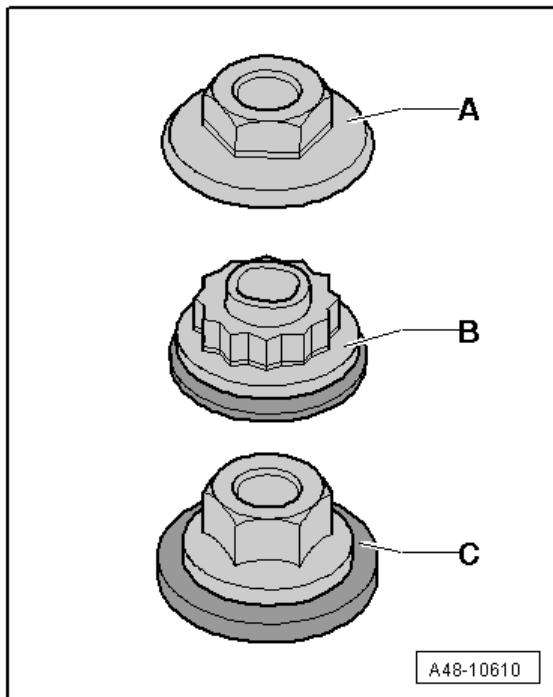


- The wheel bearing -1- must always face upward.
- Always set the wheel bearing unit down on the wheel hub -2-.
- Never reach inside when lifting the wheel bearing.



- Hold the wheel bearing only on the outside.

Nut Versions for the Tie Rod End Fastener



- ◆ Hex collar nut -A-

Tightening specification: 20 Nm +90°

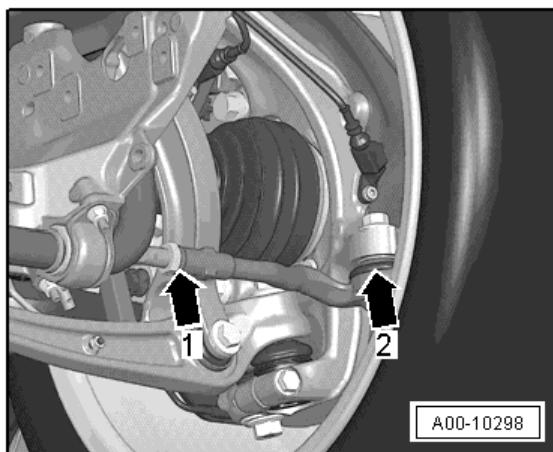
- ◆ Twelve-point combination nut -B-

Tightening specification: 100 Nm

- ◆ Hex combi nut -C-

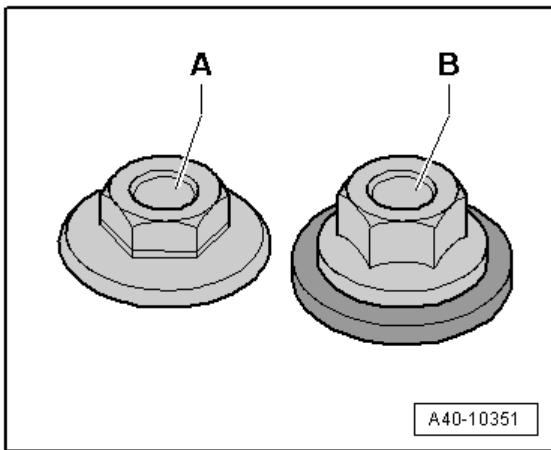
Tightening specifications: 110 Nm

Wheel Bearing Housing with Different Steering Arm Thickness



- ◆ The wheel bearing housing differs in the thickness of the steering arm -2-.

Nut Versions for the Control Arm and Guide Link Bracket



- ◆ Hex - collar nut -A- M12 21 mm

Tightening specification: 145 Nm

- ◆ Hex fitting - combination nut -B- M12 18 mm

Tightening specifications: 110 Nm

- ◆ Hex fitting - combination nut -B- M12 21 mm

Tightening specification: 120 Nm

- ◆ Hex fitting - combination nut -B- M14 21 mm

Tightening specification: 140 Nm