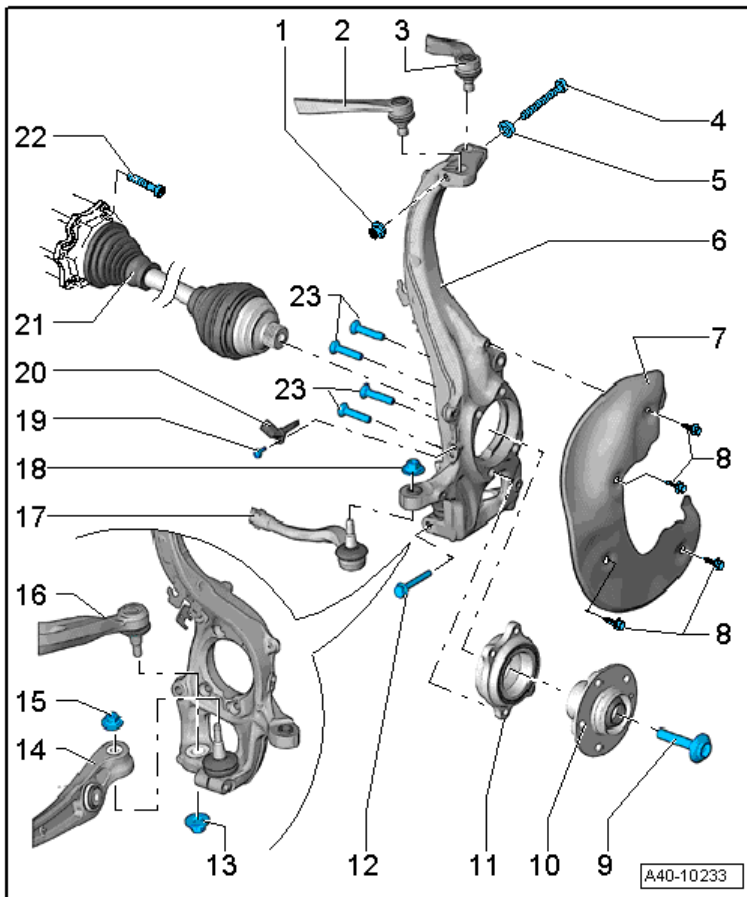


2015 Audi A4 Sedan (8K2) L4-2.0L Turbo (CAED)

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

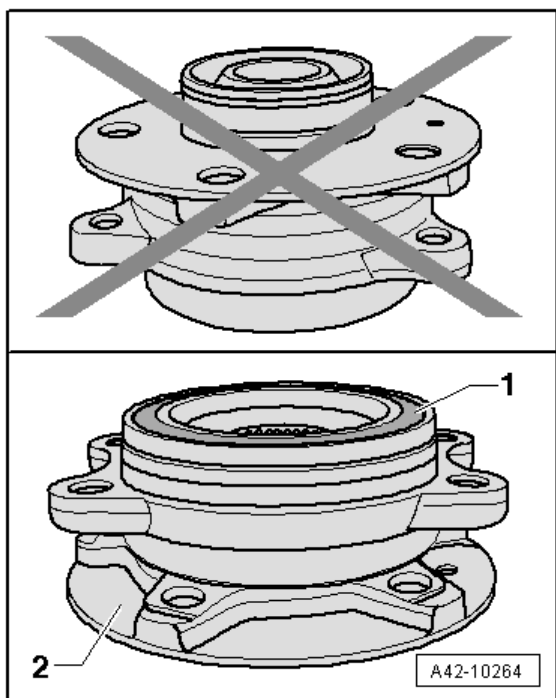
20 - Speed Sensor**21 - Drive Axle****22 - Bolt**

- ☐ 70 Nm
- ☐ Always replace if removed

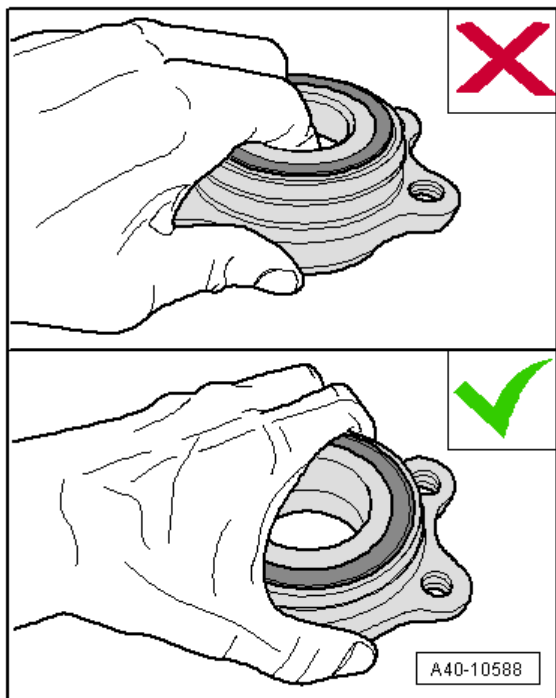
23 - Cap Screws

- ☐ 80 Nm + 90°
- ☐ Always replace if removed

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

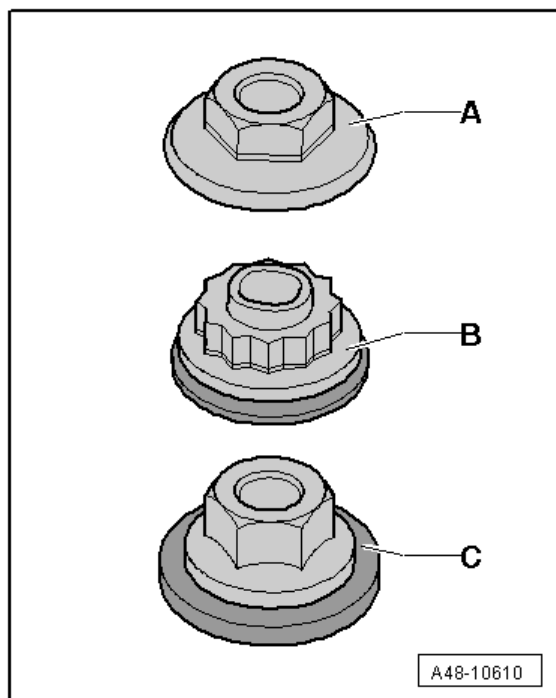


- The wheel bearing -1- must always face upward.
- Always set the wheel bearing unit down on the wheel hub -2-.
- Never reach inside when lifting the wheel bearing.



- 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°

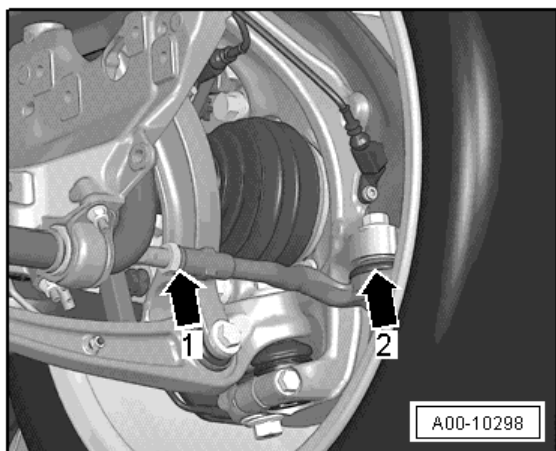
♦ Twelve-point combination nut -B-

Tightening specification: 100 Nm

♦ Hex combi nut -C-

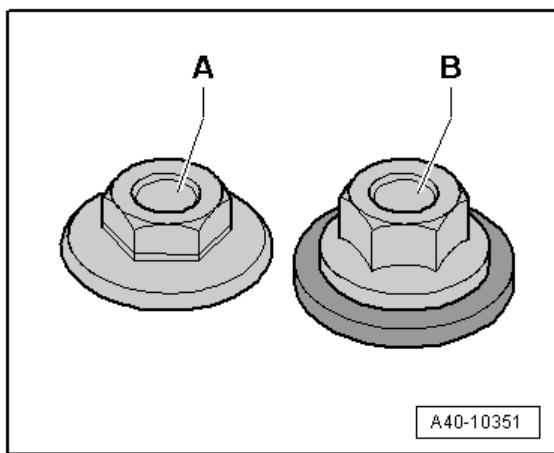
Tightening specifications: 110 Nm

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