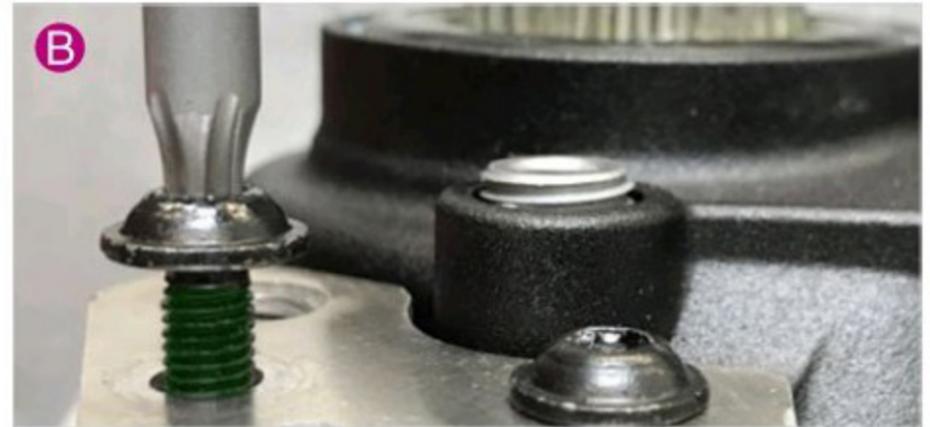


Fastening the retaining plates (CCP) to the BDU4xx Drive Unit



BOSCH
Invented for life



Working steps

Indications

User notices loose screw connections between Drive Unit and retaining plate **A**

- ▶ Creaking / clicking noises from the drive area
- ▶ Drive Unit position can be moved with force

Check retaining plates

1. Remove Drive Unit as described in the Bosch eBike manual
2. Secure Drive Unit horizontally on a soft work surface, if necessary by a second person

 Prevent rotation of the Drive Unit during work to avoid damage or injury and to ensure that the specified tightening torque is maintained

3. Check by hand whether retaining plates **A** can be moved or have moved

Fixed retaining plates

- ▶ Begin with the retaining plates that have not moved and cannot be moved
1. Screw out each screw individually by 8 – 9 threads **B**

 Do not loosen the second screw until the first is tightened and secured

 Self-tapping screws. Never unscrew completely because repeated insertion could damage the formed thread

2. Apply a drop of thread locking compound **C**. Wipe off any excess compound from the screw head/retaining plate

3. Tighten the screw with torque wrench **D**

 Never exceed the specified tightening torque, there is otherwise a risk of thread breakage in the magnesium housing

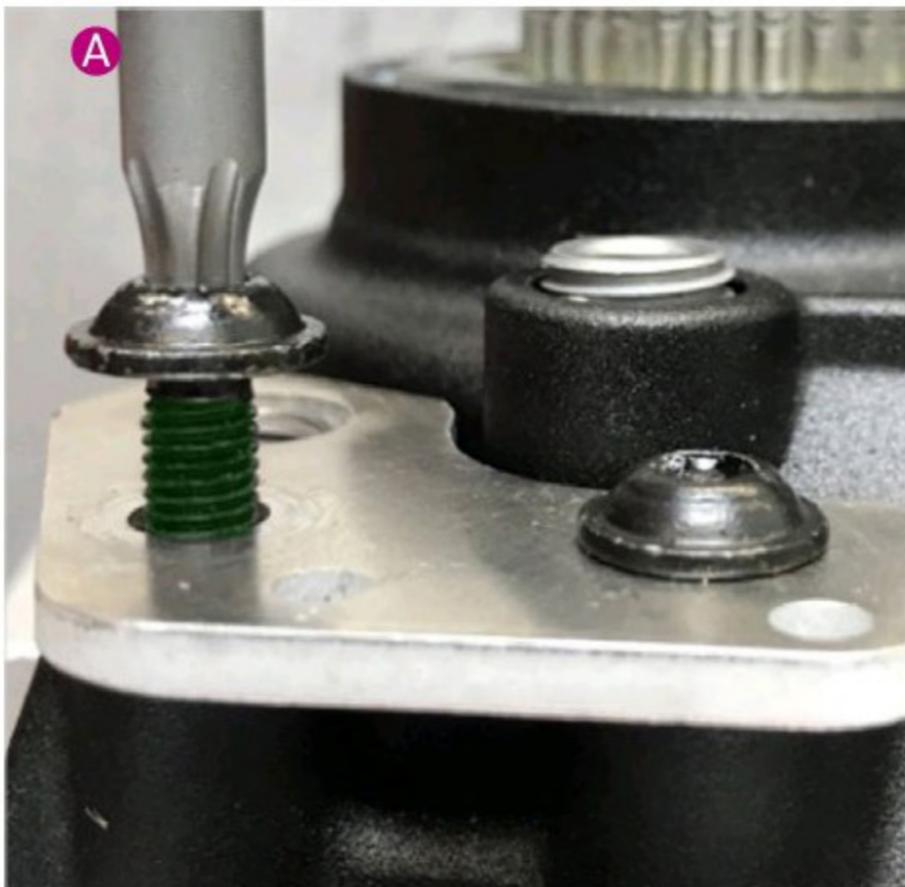
Tool

- ▶ High-strength thread locking compound such as Loctite 290 / 294
- ▶ Torx Plus 25 IPR
- ▶ 1 – 10 Nm torque wrench

Tightening torques

- ▶ Screws on retaining plate: $8^{+0}_{-0,3}$ Nm





Working steps

Movable retaining plates

- ▶ On retaining plates that are moveable

1. Unscrew both screws by 8 – 9 threads **A**

-  Self-tapping screws. Never unscrew completely. Repeated insertion could damage the thread formed in the magnesium housing

2. Apply a drop of thread locking compound **B** on each screw. Wipe off any excess compound from the screw head/retaining plate

3. Position the retaining plate as centrally as possible under one of the screws and tighten the screw slightly **C**

4. Fasten the retaining plate as centrally as possible under the second screw. Tighten the screw with torque wrench **D**

5. Also tighten the first screw with a torque wrench



Never exceed the specified tightening torque, there is otherwise a risk of thread breakage in the magnesium housing

- ▶ Repeat the procedure with the remaining retaining plates

Reinstalling Drive Unit

- ▶ Remove the Drive Unit as described in the Bosch eBike manual
- ▶ If the mounting holes in the bicycle frame are not aligned with the retaining plates and the mounting screws cannot be screwed in:
 - Correct the position of the corresponding retaining plate as described above.
 - The process must be completed after approx. 10 minutes, before the thread locking compound hardens



If these instructions are followed carefully, the warranty remains valid

Tool

- ▶ High-strength thread locking compound such as Loctite 290 / 294
- ▶ Torx Plus 25 IPR
- ▶ 1 – 10 Nm torque wrench

Tightening torques

- ▶ Screws on retaining plate: **8⁺⁰_{-0,3} Nm**

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