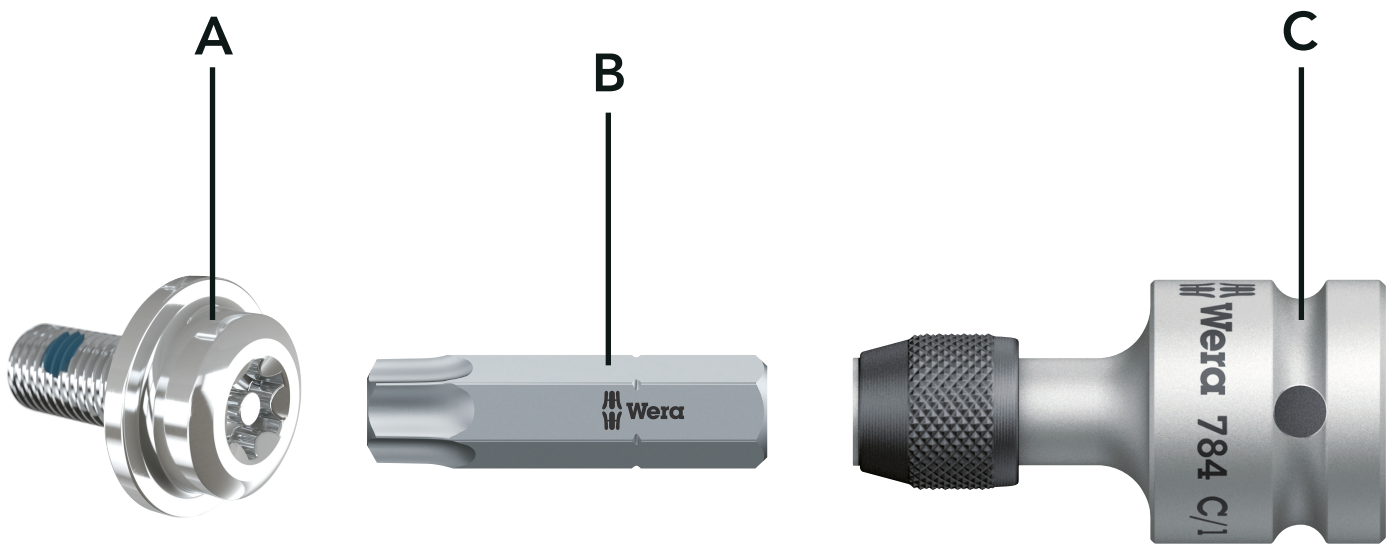


INSTRUCTIONS

PIN-TORX BOLT

1. POSSIBLE SCOPE OF DELIVERY



2. RECOMMENDED BIT AND ADAPTER

The bolt (A) must be tightened with a high-quality bit (B) and a high-quality adapter (C) that are both recommended and approved by Thun. Thun recommends the Wera 867/1 Z TORX® BO bit with bore hole TX 40 x 25 mm (B) and the Wera 784 C1/2" adapter with quick release chuck (C) as the interface for the assembly wrench. It is further recommended that both items (B, C) are purchased directly from Thun in order to ensure that the likelihood of inappropriate tool usage is diminished to the utmost extent.



WARNING!

Using a lower quality bit and/or lower quality adapter can cause breakage of the latter ones as well as of the bolt (particularly of the bolt head) and can hence lead to severe injury of the operator or user of the bike! All warranty rights of the purchaser and the associated claims of any kind shall be forfeited in case inadequate and non-approved assembly tools and techniques are used.

3. RECOMMENDED ASSEMBLY WRENCHES

To be used exclusively:

- a) hand-operated torque wrenches or
- b) electrically controlled tightening systems.

Thun recommends the Atlas Copco Tensor STB and Power Focus 6000 or the Desoutter ELRT050 and CIVIL II.



WARNING!

Do not use any impact wrenches operated by compressed air or similar! Using such wrenches can cause breakage of the bit and adapter as well as of the bolt (particularly of the bolt head) and can hence lead to severe injury of the operator or user of the bike! All warranty rights of the purchaser and the associated claims of any kind shall be forfeited in case inadequate and non-approved assembly tools and techniques are used.

4. RECOMMENDED TIGHTENING TORQUE

The bolt must be tightened with a torque of 40 ± 2 Nm (29.5 ± 1.5 ft. lbs.).

WARNING!

The thread of the spindle and the bolt should not be greased. In case that grease is applied before tightening however the tightening torque needs to be reduced by approximately 15 %.

5. DISSASSEMBLY

Generally, disassembly can be executed as per the aforementioned instructions. The distightening torque must be slightly higher than the initially applied tightening torque.

WARNING!

Once a bolt has been assembled and disassembled it cannot be reused and therefore must be scrapped.