

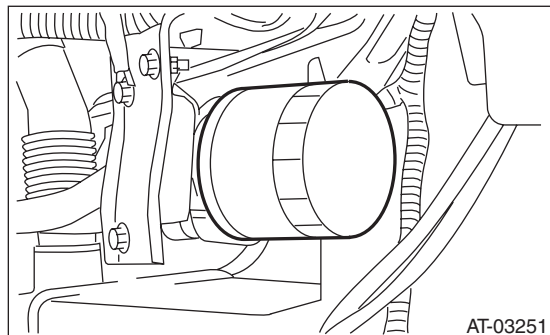
18.ATF Filter

A: REMOVAL

1) Remove the front bumper. <Ref. to EI-21, REMOVAL, Front Bumper.>

2) Using the ST, remove the ATF filter.

ST 498545400 OIL FILTER WRENCH



B: INSTALLATION

1) Apply a thin coat of ATF to the oil seal part of new ATF filter.

2) Install the ATF filter. Turn it by hand, being careful not to damage oil seal.

3) Tighten the ATF filter using ST.

Calculate the ATF filter tightening torque using following formula.

$$T2 = L2 / (L1 + L2) \times T1$$

T1: 14 N·m (1.4 kgf-m, 10.1 ft-lb)

[Required torque setting]

T2: Tightening torque

L1: ST length 78 mm (3.07 in)

L2: Torque wrench length

Example:

Torque wrench length mm (in)	Tightening torque N·m (kgf-m, ft-lb)
100 (3.94)	7.7 (0.79, 5.7)
150 (5.91)	9.0 (0.92, 6.7)
200 (7.87)	10 (1.0, 7.4)

NOTE:

Align the ST with the torque wrench while tightening the ATF filter.

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4) Fill ATF.

5) Inspect the level of ATF. <Ref. to 5AT-28, Automatic Transmission Fluid.>

6) Install the front bumper. <Ref. to EI-22, INSTALLATION, Front Bumper.>

C: INSPECTION

Check for rust, hole, ATF leaks or other damage.

Replace the part if any damage is found in the inspection.