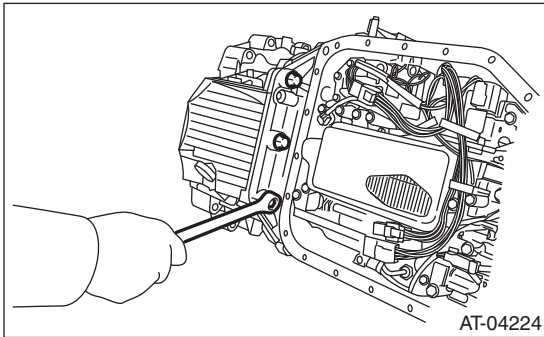


### 30. Converter Case

#### A: REMOVAL

- 1) Remove the transmission assembly from the vehicle. <Ref. to 5AT-38, REMOVAL, Automatic Transmission Assembly.>
- 2) Remove the torque converter assembly. <Ref. to 5AT-64, REMOVAL, Torque Converter Assembly.>
- 3) Remove the transmission harness connector from stay.
- 4) Remove the turbine speed sensor 1. <Ref. to 5AT-55, REMOVAL, Turbine Speed Sensor 1.>
- 5) Remove the ATF inlet and outlet pipes. <Ref. to 5AT-59, REMOVAL, ATF Cooler Pipe and Hose.>
- 6) Remove the converter case attachment bolts.
- 7) Lay along the transmission body, and then remove the oil pan.
- 8) Remove the three converter case mounting bolts (TORX®).

ST 18676AA020 TORX® WRENCH



- 9) Separate the converter case by lightly tapping with plastic hammer.
- 10) Remove the front differential assembly. <Ref. to 5AT-88, REMOVAL, Front Differential Assembly.>
- 11) Remove the oil seal from converter case.

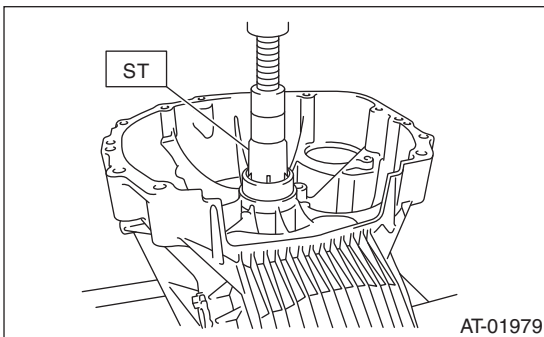
#### B: INSTALLATION

- 1) Check the appearance of each component and clean them.
- 2) Press-fit the oil seal to converter case using ST.

NOTE:

Use a new oil seal.

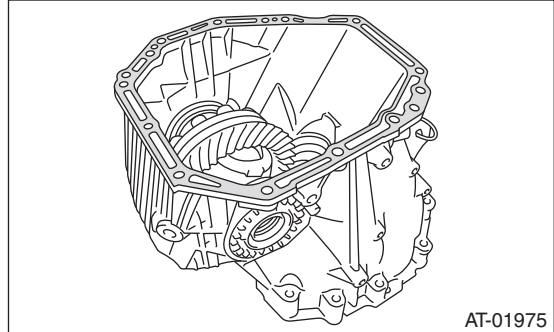
ST 499587100 OIL SEAL INSTALLER



- 3) Install the front differential assembly to the case. <Ref. to 5AT-88, INSTALLATION, Front Differential Assembly.>
- 4) Install the right and left side retainers. <Ref. to 5AT-91, ADJUSTMENT, Front Differential Assembly.>
- 5) Apply proper amount of liquid gasket to the entire matching surface of converter case.

**Liquid gasket:**

**THREE BOND 1215 (Part No. 004403007) or equivalent**



- 6) Install the converter case assembly without damaging bushing and oil seal.

NOTE:

Use a new bolt for the oil charge pipe and ATF cooler pipe portions

**Tightening torque:**

**Oil charge pipe and ATF cooler pipe portions**  
**38 N·m (3.9 kgf-m, 28.0 ft-lb)**

**Other than the above**

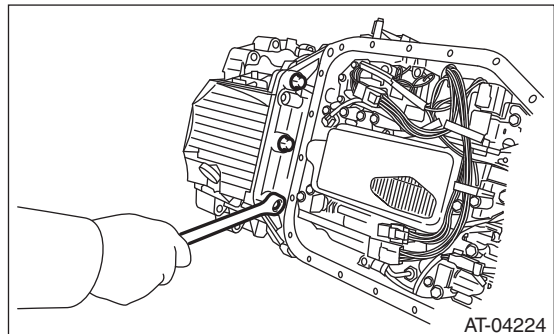
**41 N·m (4.2 kgf-m, 30.2 ft-lb)**

- 7) Install the three converter case mounting bolts (TORX®).

**Tightening torque:**

**41 N·m (4.2 kgf-m, 30.2 ft-lb)**

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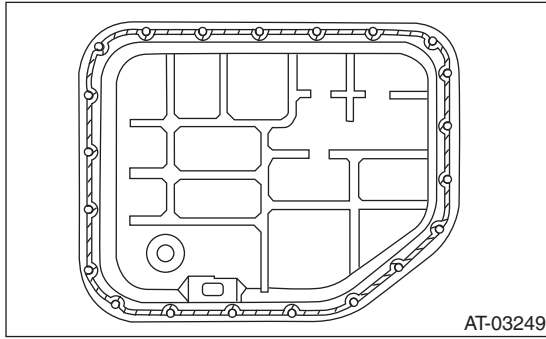
- 8) Apply proper amount of liquid gasket to the entire oil pan mating surface, and then install it.

**Liquid gasket:**

**THREE BOND 1217B (Part No. K0877YA020) or equivalent**

**Tightening torque:**

**5 N·m (0.5 kgf-m, 3.7 ft-lb)**



9) Install the transmission harness connector to the stay.

10) Install the ATF cooler pipe. <Ref. to 5AT-60, INSTALLATION, ATF Cooler Pipe and Hose.>

11) Install the torque converter assembly. <Ref. to 5AT-64, INSTALLATION, Torque Converter Assembly.>

12) Install the transmission assembly to the vehicle. <Ref. to 5AT-42, INSTALLATION, Automatic Transmission Assembly.>

## C: INSPECTION

Measure the backlash, and then adjust it to be within specification. <Ref. to 5AT-85, ADJUSTMENT, Drive Pinion Shaft Assembly.>