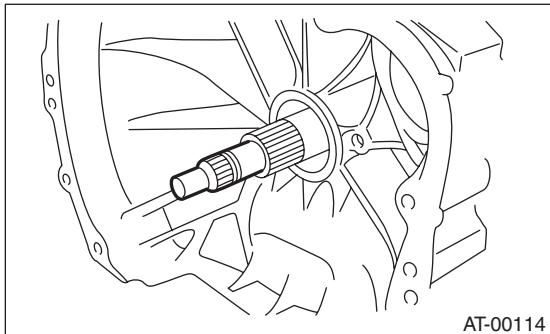


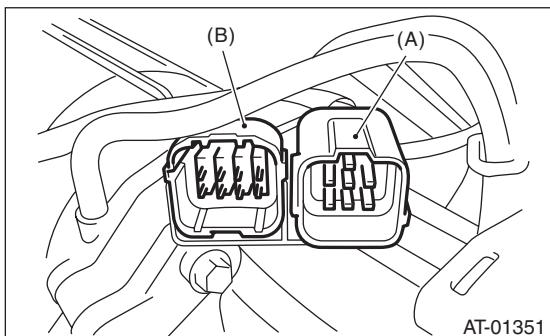
## 31. Converter Case

### A: REMOVAL

- 1) Remove the transmission assembly from vehicle body. <Ref. to 4AT-34, REMOVAL, Automatic Transmission Assembly.>
- 2) Pull out the torque converter assembly. <Ref. to 4AT-66, REMOVAL, Torque Converter Assembly.>
- 3) Remove the input shaft.



- 4) Lift-up the lever on the rear side of connector, and then disconnect it from the stay.
- 5) Disconnect the inhibitor switch connector from the stay.

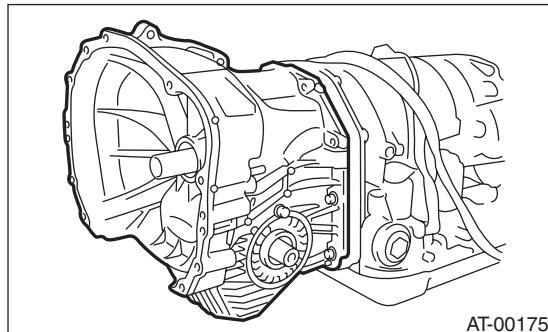


(A) Transmission connector  
(B) Inhibitor switch connector

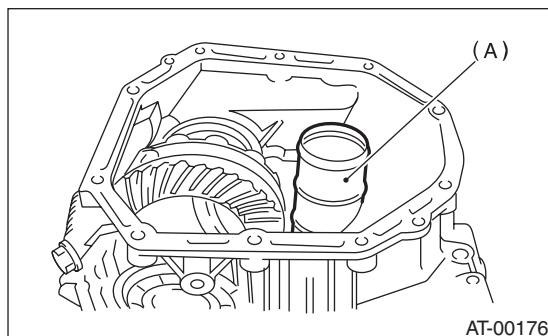
- 6) Remove the oil charge pipe. <Ref. to 4AT-65, REMOVAL, Oil Charge Pipe.>
- 7) Remove the oil cooler inlet and outlet pipes. <Ref. to 4AT-61, REMOVAL, ATF Cooler Pipe and Hose.>
- 8) Remove the converter case alignment bolt, and then separate the transmission case and converter case by lightly tapping with a plastic hammer.

#### NOTE:

- Be careful not to damage the oil seal and bushing in the converter case with the oil pump cover.
- Do not loosen the rubber seal.



- 9) Remove the seal pipe.

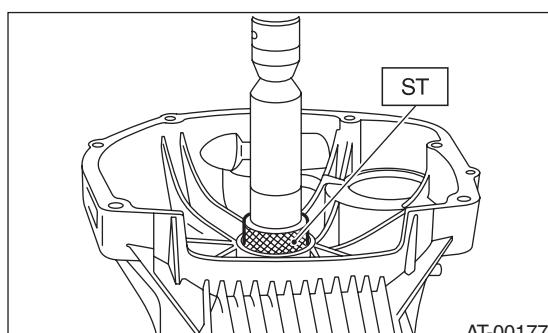


(A) Seal pipe

- 10) Remove the differential assembly. <Ref. to 4AT-93, 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. ST 398437700 DRIFT

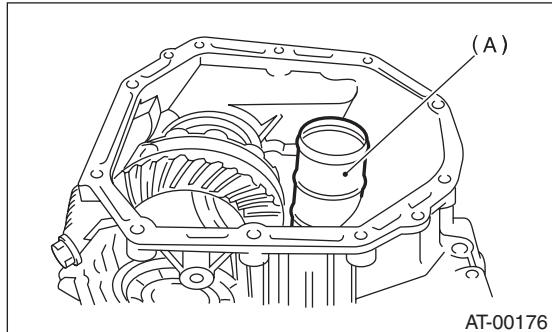


- 3) Install the differential assembly to the case. <Ref. to 4AT-93, INSTALLATION, Front Differential Assembly.>
- 4) Install the right and left side retainers. <Ref. to 4AT-97, ADJUSTMENT, Front Differential Assembly.>

# Converter Case

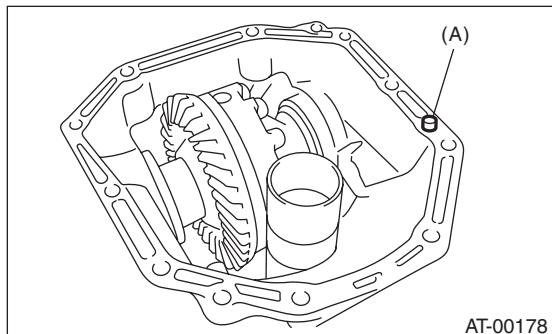
## AUTOMATIC TRANSMISSION

5) Install new seal pipe to converter case.



(A) Seal pipe

6) Install the rubber seal to converter case.

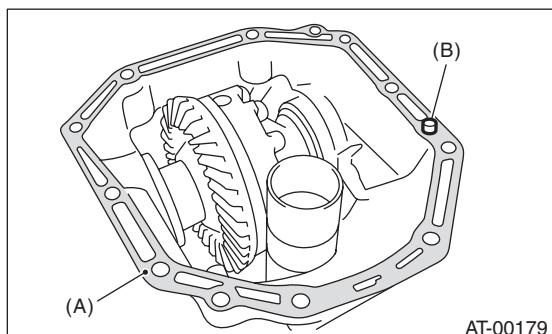


(A) Rubber seal

7) Apply proper amount of liquid gasket to the entire matching surface of converter case.

### Liquid gasket:

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



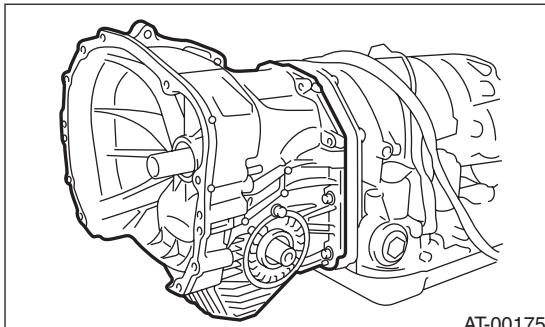
(A) THREE BOND 1215

(B) Rubber seal

8) Install the converter case without damaging bushing and oil seal.

### Tightening torque:

**41 N·m (4.2 kgf·m, 30.4 ft-lb)**



9) Insert the inhibitor switch and transmission connector to the stay.

10) Install the air breather hose. <Ref. to 4AT-64, INSTALLATION, Air Breather Hose.>

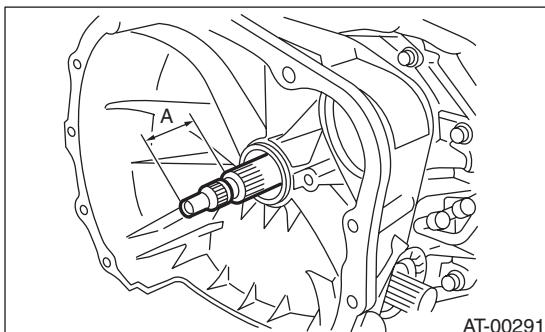
11) Install the oil cooler pipe. <Ref. to 4AT-62, INSTALLATION, ATF Cooler Pipe and Hose.>

12) Install the oil charge pipe with O-ring. <Ref. to 4AT-65, INSTALLATION, Oil Charge Pipe.>

13) Insert the input shaft while rotating it lightly by hand, and then check the amount of protrusion.

### Normal protrusion A:

**50 — 55 mm (1.97 — 2.17 in)**



14) Install the torque converter assembly. <Ref. to 4AT-66, INSTALLATION, Torque Converter Assembly.>

15) Install the transmission assembly to the vehicle. <Ref. to 4AT-36, INSTALLATION, Automatic Transmission Assembly.>

## C: INSPECTION

Measure the backlash, and then adjust it to be within standard values. <Ref. to 4AT-90, ADJUSTMENT, Drive Pinion Shaft Assembly.>