

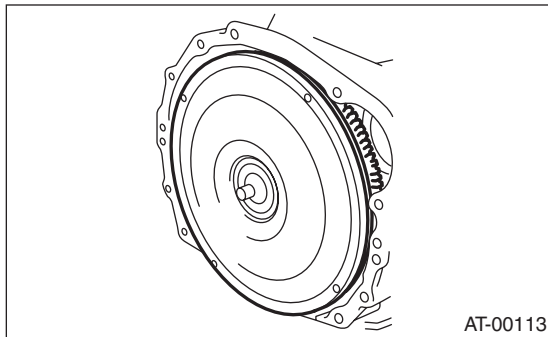
25. Torque Converter Clutch Assembly

A: REMOVAL

- 1) Remove the transmission assembly from vehicle body. <Ref. to 4AT-37, REMOVAL, Automatic Transmission Assembly.>
- 2) Pull out the torque converter assembly and oil pump shaft horizontally.

NOTE:

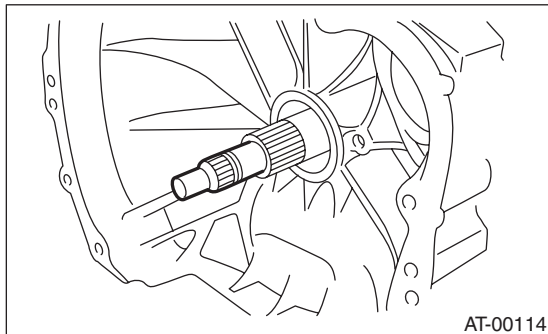
Do not scratch the inner surface of the bushing in oil pump shaft.



- 3) Remove the input shaft.

NOTE:

When the torque converter clutch assembly is removed, the input shaft will also come off.



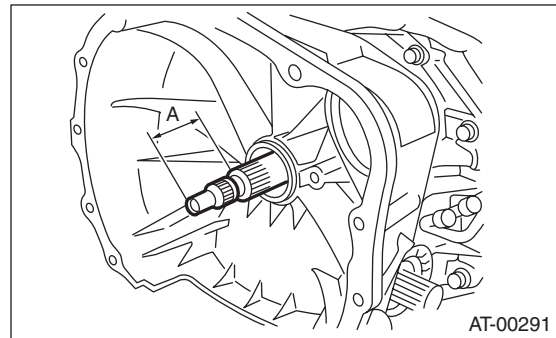
- 4) Remove the clip from torque converter clutch assembly.

B: INSTALLATION

- 1) Install the clip to the converter case.
- 2) Install the oil pump shaft to the torque converter clutch assembly, and then make sure the clip is secured on the groove.
- 3) Insert the input shaft while rotating it lightly by hand, and then check the amount of protrusion.

Normal protrusion A:

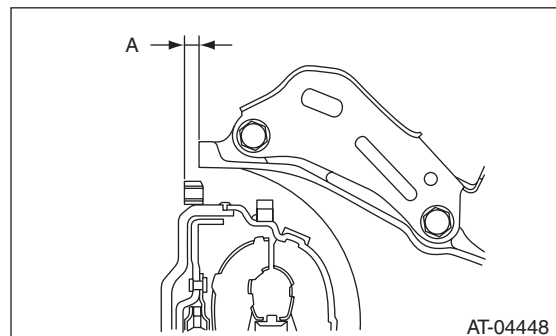
50 — 55 mm (1.97 — 2.17 in)



- 4) Hold the torque converter clutch assembly by hand and carefully install it to the converter case. Be careful not to damage the bushing. Do not allow the oil pump shaft bushing to touch the stator shaft part of the oil pump cover inappropriately.
- 5) Turn the oil pump shaft lightly by hand to engage the spline securely, and then check the converter case and torque converter clutch assembly dimension A.

Dimension A:

2.7 — 2.9 mm (0.106 — 0.114 in)



- 6) Install the transmission assembly to the vehicle. <Ref. to 4AT-40, INSTALLATION, Automatic Transmission Assembly.>

C: INSPECTION

Make sure the ring gear and protrusion of the torque converter clutch end are not deformed or damaged.