

Torque Converter Assembly

AUTOMATIC TRANSMISSION

25. Torque Converter Assembly

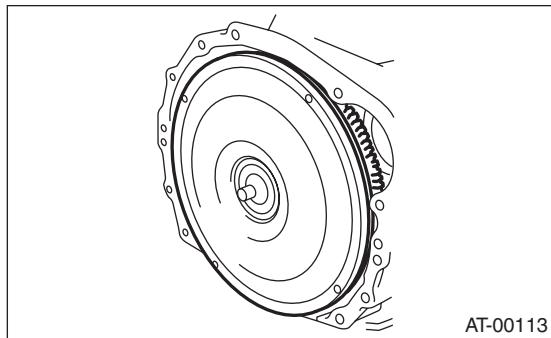
A: REMOVAL

1) Remove the transmission assembly from vehicle body. <Ref. to 4AT-34, REMOVAL, Automatic Transmission Assembly.>

2) Pull out the torque converter assembly and oil pump shaft horizontally.

NOTE:

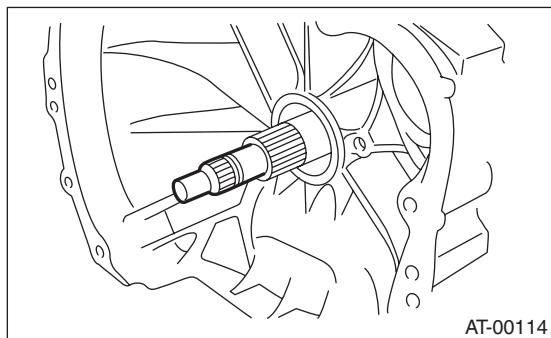
Be sure not to scratch the inside of bushing in oil pump shaft.



3) Remove the input shaft.

NOTE:

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



4) Remove the oil pump shaft from torque converter assembly as necessary.

B: INSTALLATION

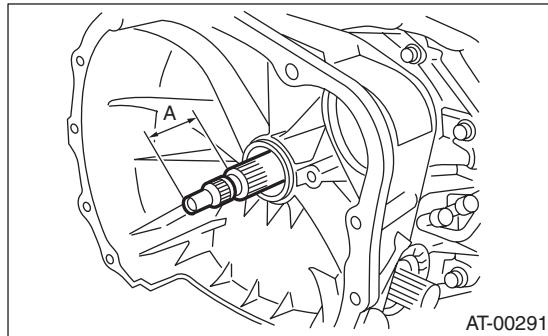
1) When the oil pump shaft is removed, install the shaft to converter case.

2) Install the oil pump shaft to the torque converter assembly, and make sure the clip is secured on the groove.

3) Apply ATF to the O-ring and insert on the input shaft while rotating the shaft slowly by hand.

Normal protrusion A:

50 — 55 mm (1.97 — 2.17 in)

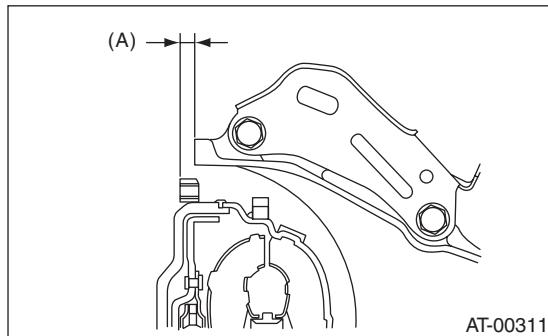


4) While holding the torque converter assembly by hand, carefully install it to the converter case. Take care not to damage the bushing. Do not allow the oil pump shaft bushing to touch the starter shaft part of the oil pump cover inappropriately.

5) Slowly rotate the shaft by hand to engage the splines securely, then check that dimension A is within the specified range.

Dimension A:

2.7 — 2.9 mm (0.106 — 0.114 in)



(A) Dimension A

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

C: INSPECTION

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