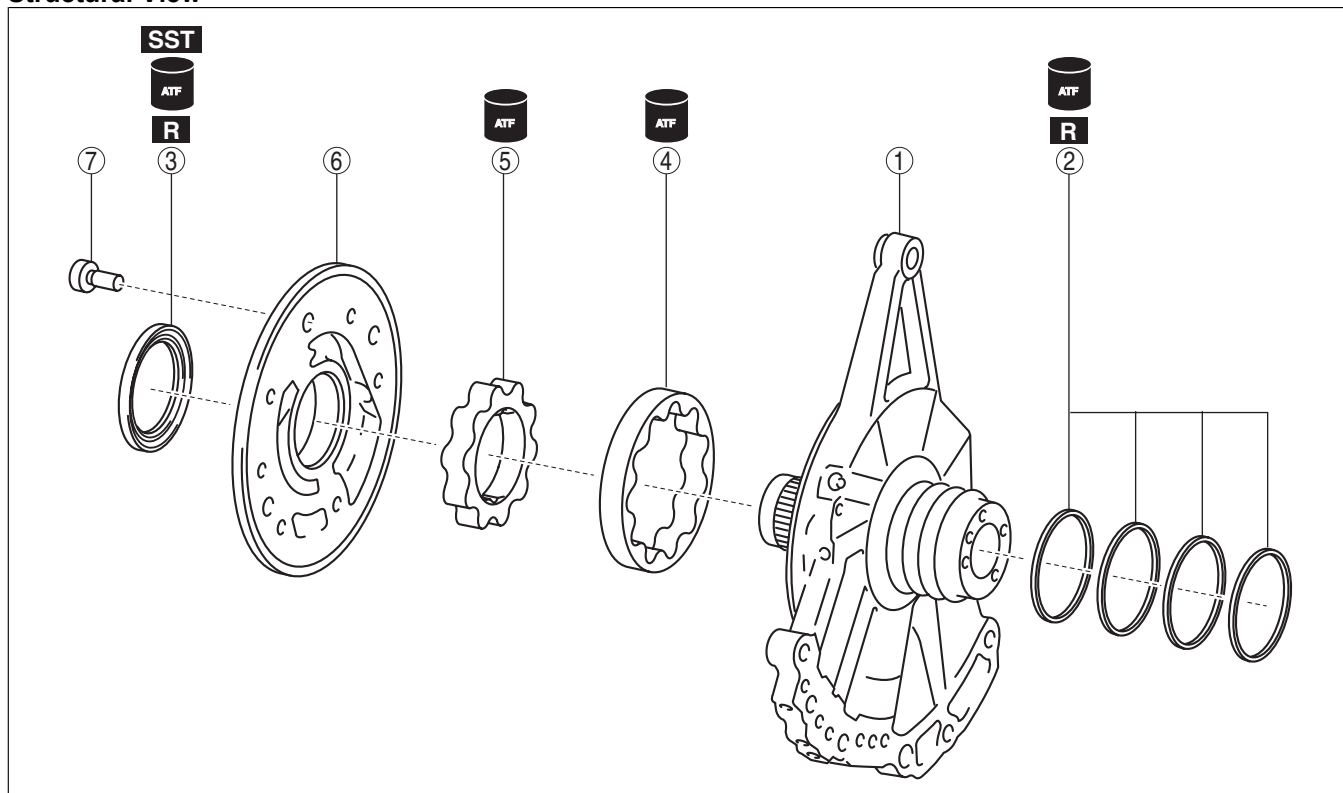


OIL PUMP ASSEMBLY

id051700663600

Structural View



azzjjw00001530

1	Oil pump housing
2	Seal ring (outer diameter approx. 56.5 mm {2.22 in}, thickness approx. 1.5 mm {0.059 in})
3	Oil seal
4	Outer rotor

5	Inner rotor
6	Oil pump cover
7	7 bolts (M6×1.0 bolt, length approx. 13 mm {0.51 in})

Assembly Procedure

1. Assemble new seal rings using the following procedure:

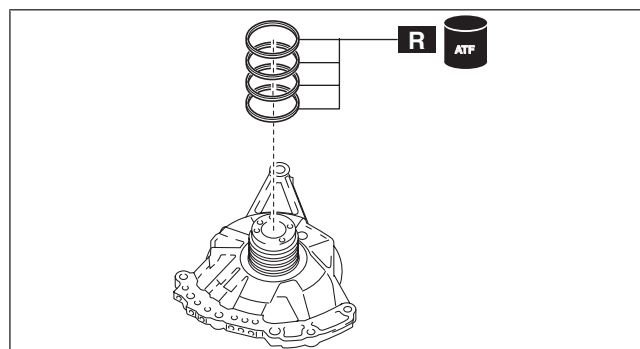
Caution

- If a seal ring is reused it could cause ATF leakage, therefore use a new seal ring.

Note

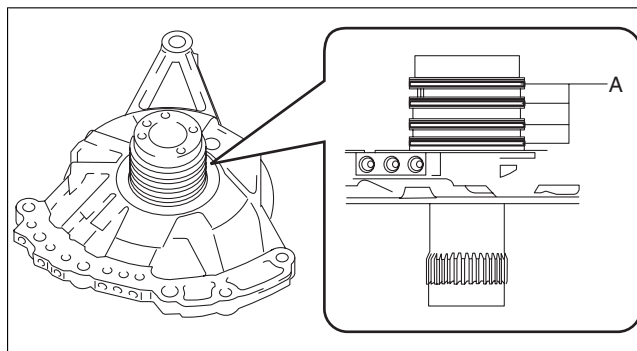
- Seal ring size: Outer diameter approx. 56.5 mm {2.22 in}, thickness approx. 1.5 mm {0.059 in}

- (1) Apply ATF (ATF FZ) to the new seal rings.
- (2) Assemble the new seal rings.



azzjjw00000883

A : Seal ring



azzjiw00000884

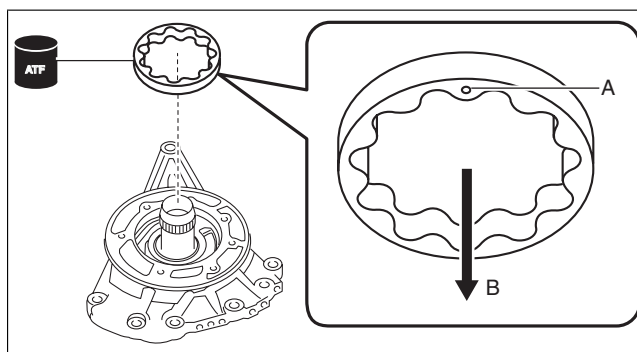
2. Assemble the outer rotor using the following procedure:
 - (1) Apply ATF (ATF FZ) to the outer rotor.
 - (2) Assemble the outer rotor.

Note

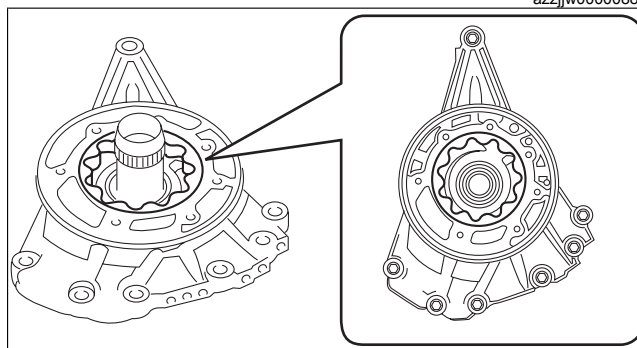
- Assemble with the outer rotor marking is facing the oil pump housing.

A : Mark

B : Assembly direction (oil pump housing side)



azzjiw00000885



azzjiw00000886

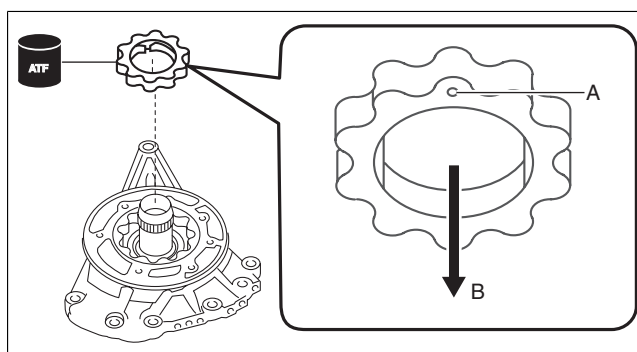
3. Assemble the inner rotor using the following procedure:
 - (1) Apply ATF (ATF FZ) to the inner rotor.
 - (2) Assemble the inner rotor.

Note

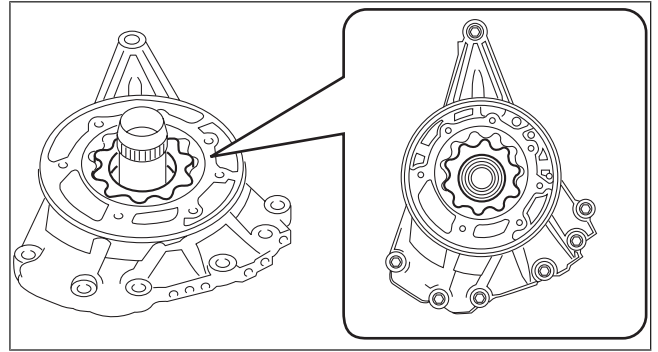
- Assemble with the inner rotor marking is facing the oil pump housing.

A : Mark

B : Assembly direction (oil pump housing side)



azzjiw00001531



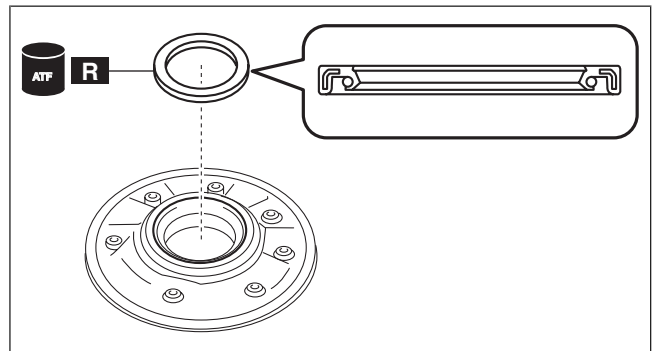
azzjjw00000888

4. Assemble a new oil seal using the following procedure:

Caution

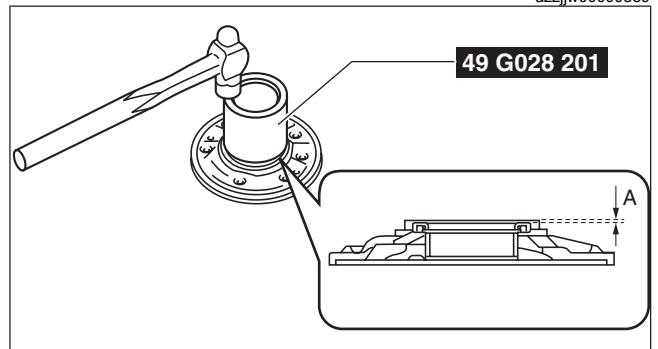
- If an oil seal is reused it could cause ATF leakage, therefore use a new oil seal.

- (1) Apply ATF (ATF FZ) to the engagement area of the new oil seal and oil pump cover.
- (2) Apply ATF (ATF FZ) to the lip of the new oil seal.
- (3) Assemble the new oil seal to the position shown in the figure using the SST.



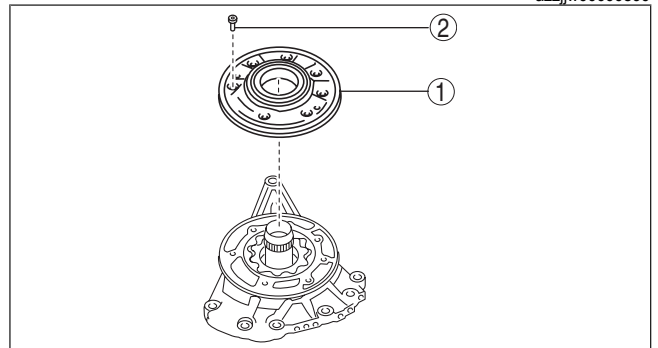
azzjjw00000889

A : 0—0.5 mm {0—0.01 in}



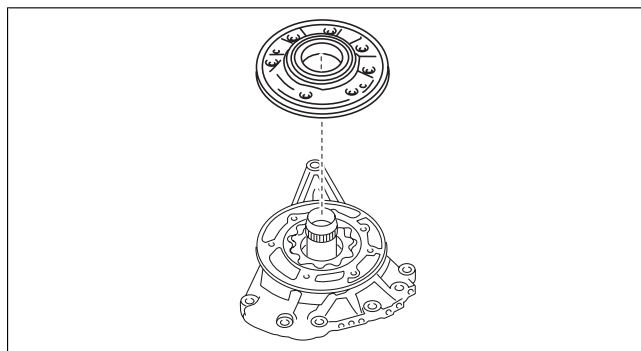
azzjjw00000890

5. Assemble the oil pump cover using the following procedure:

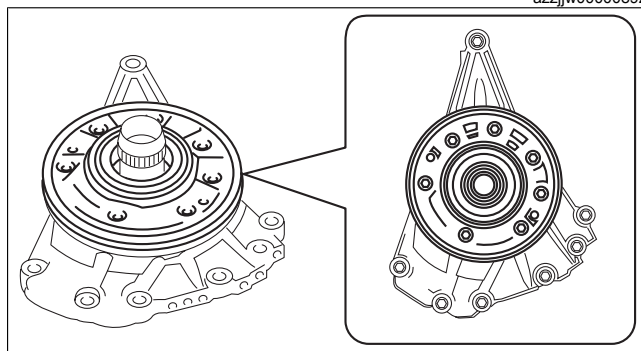


azzjjw00000891

(1) Assemble the oil pump cover.



azzjiw00000892



azzjiw00000893

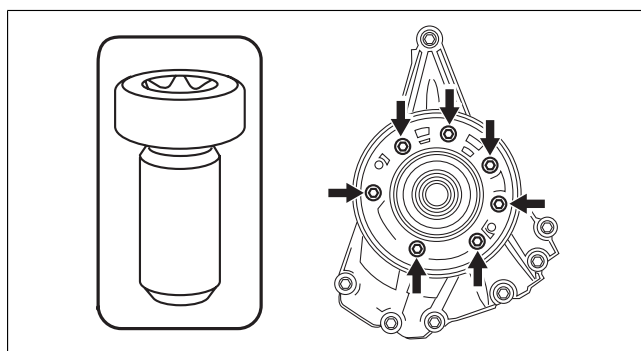
(2) Assemble and tighten the bolts shown in the figure.

Note

- Bolt size: M6×1.0 bolt, length approx. 13 mm {0.51 in}

Tightening torque

9—10 N·m {92—101 kgf·cm, 80—88 in·lbf}



azzjiw00000894

1	Oil pump cover
2	7 bolts (M6×1.0 bolt, length approx. 13 mm {0.51 in})