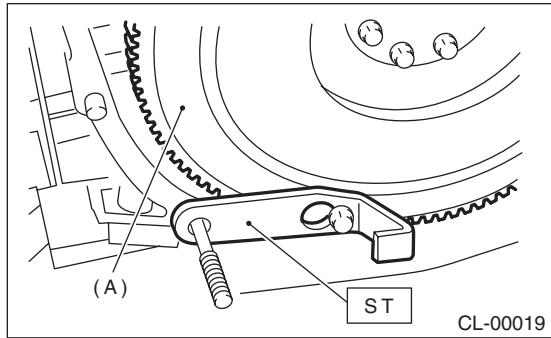


3. Flywheel

A: REMOVAL

- 1) Remove the transmission assembly. <Ref. to 6MT(TY75)-25, REMOVAL, Manual Transmission Assembly.> <Ref. to 6MT(TY85)-31, REMOVAL, Manual Transmission Assembly.>
- 2) Remove the clutch cover and clutch disc. <Ref. to CL-12, REMOVAL, Clutch Disc and Cover.>
- 3) Using the ST, remove the flywheel.

ST 498497100 CRANKSHAFT STOPPER



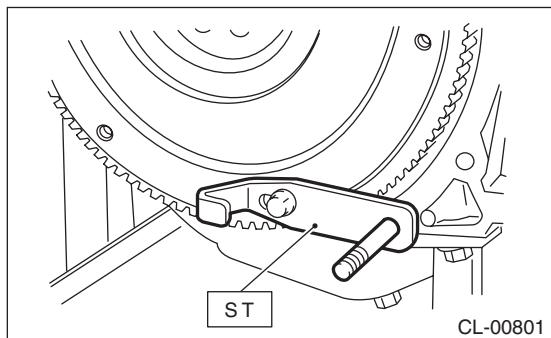
(A) Flywheel

B: INSTALLATION

1. STI MODEL

- 1) Install the flywheel and ST.

ST 498497100 CRANKSHAFT STOPPER



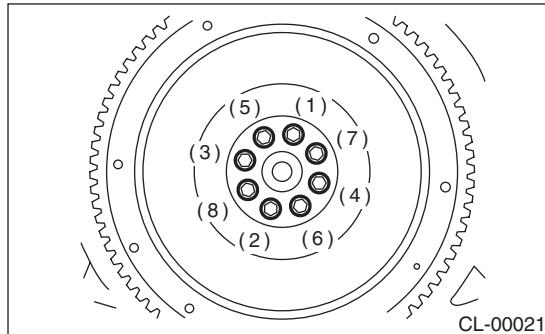
- 2) Tighten the flywheel mounting bolts to the specified torque.

NOTE:

Tighten the flywheel attachment bolts gradually. Each bolt should be tightened to the specified torque in crisscross order.

Tightening torque:

75 N·m (7.6 kgf·m, 55.3 ft-lb)



- 3) Install the clutch disc and cover. <Ref. to CL-12, INSTALLATION, Clutch Disc and Cover.>

- 4) Install the transmission assembly. <Ref. to 6MT(TY75)-30, INSTALLATION, Manual Transmission Assembly.> <Ref. to 6MT(TY85)-33, INSTALLATION, Manual Transmission Assembly.>

2. EXCEPT FOR STI MODEL

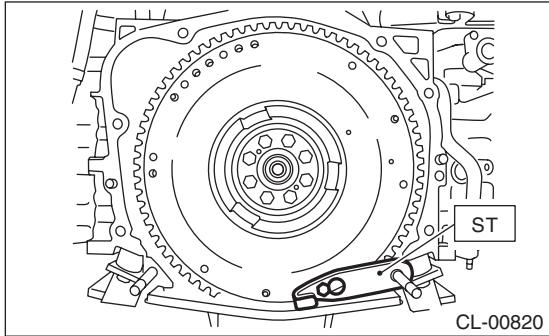
- 1) Temporarily install the crankshaft position sensor plate and flywheel.

NOTE:

Align the knock pin hole of the crankshaft position sensor plate to the knock pin of the crankshaft to secure the knock pin.

- 2) Attach the ST.

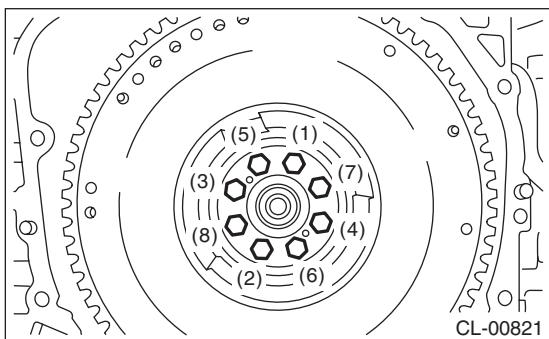
ST 498497100 CRANKSHAFT STOPPER



- 3) Tighten the flywheel mounting bolts in two stages.
- (1) Tighten the flywheel attachment bolts.

Tightening torque:

30 N·m (3.1 kgf·m, 22.1 ft-lb)



- (2) While checking the tightening angle with the angle gauge, further tighten the flywheel mounting bolts.

Tightening angle:

30° — 35°

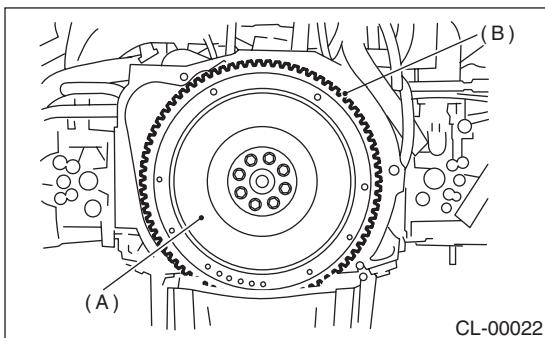
- 4) Install the clutch disc and cover. <Ref. to CL-12, INSTALLATION, Clutch Disc and Cover.>
- 5) Install the transmission assembly. <Ref. to 6MT(TY75)-30, INSTALLATION, Manual Transmission Assembly.>

C: INSPECTION

CAUTION:

Because the center bearing is grease-sealed and is a non-lubrication type, do not wash with gasoline or solvents.

- 1) If there is damage or defectiveness in the facing sliding surface or ring gear, replace the flywheel.



(A) Flywheel

(B) Ring gear

- 2) Smoothness of rotation

Rotate the ball bearing while applying pressure in the thrust direction.

- 3) If noise or excessive play is noted, replace the flywheel.