

3. Flywheel

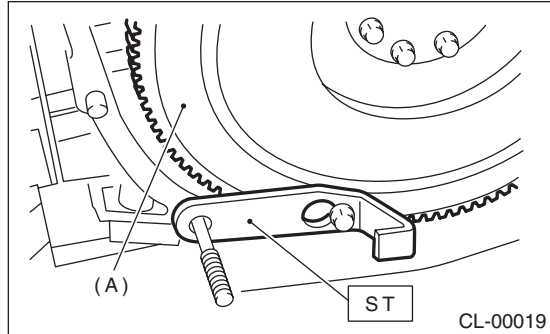
A: REMOVAL

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



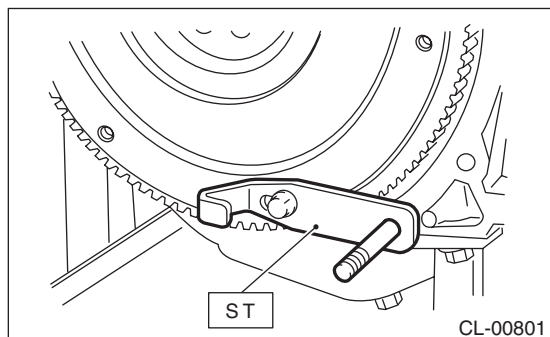
(A) Flywheel

B: INSTALLATION

1. STI MODEL

1) Install the flywheel and ST.

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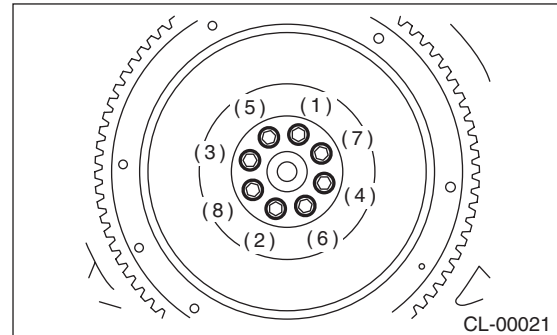
2) Tighten the flywheel mounting bolts to the specified torque.

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

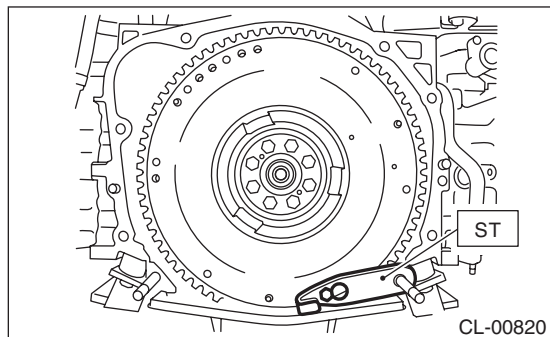
1) Temporarily install the crankshaft position sensor plate and flywheel.

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.

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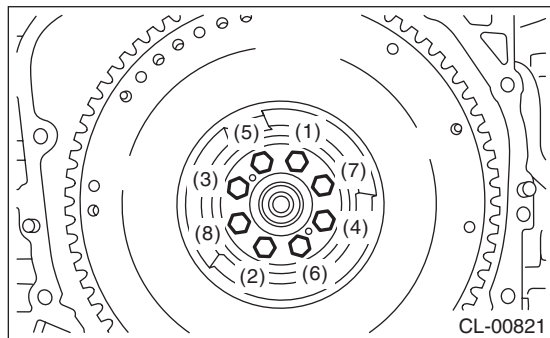


3) Tighten the flywheel mounting bolts in two stages.

(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.>

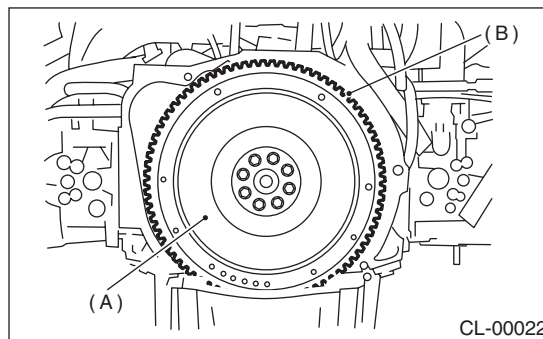
5) Install the transmission assembly. <Ref. to 6MT(TY75)-30, INSTALLATION, Manual Transmission Assembly.>

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.