



## Removal and Installation

1. Remove the engine room front under cover.  
**(Refer to Engine and Transmission Assembly - "Engine Room Under Cover")**
2. Remove the LH/RH air cleaner assembly.  
**(Refer to Intake and Exhaust System - "Air Cleaner")**
3. Remove the intercooler inlet hose & pipe.

- (1) Disconnect the intercooler inlet hose (A) from the intercooler inlet joint.

**Tightening torque :**

4.9 - 6.9 N·m (0.5 - 0.7 kgf·m, 3.6 - 5.1 lb·ft, 43.4 - 60.8 lb·in)

(If equipped with a cap, tighten it until the cap is removed.)

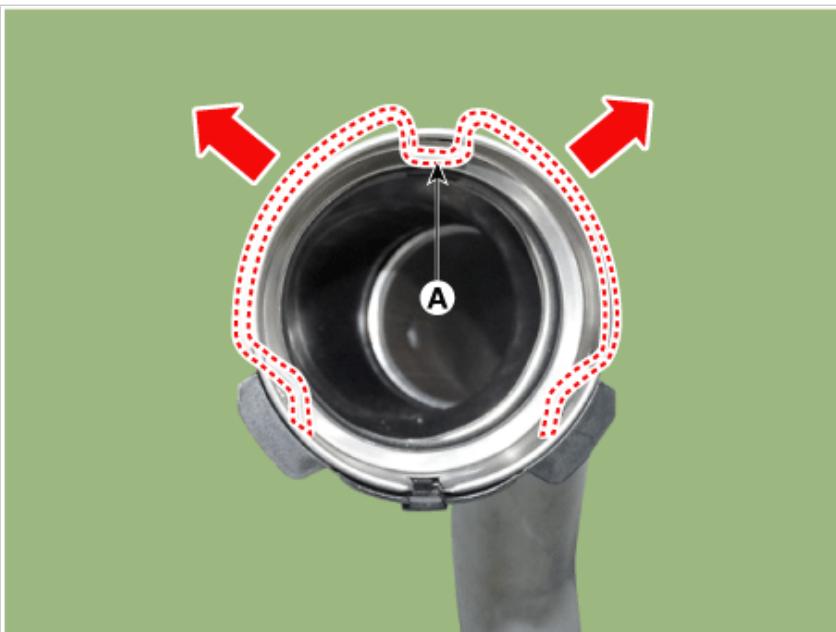


- (2) Remove the intercooler inlet hose & pipe (A).

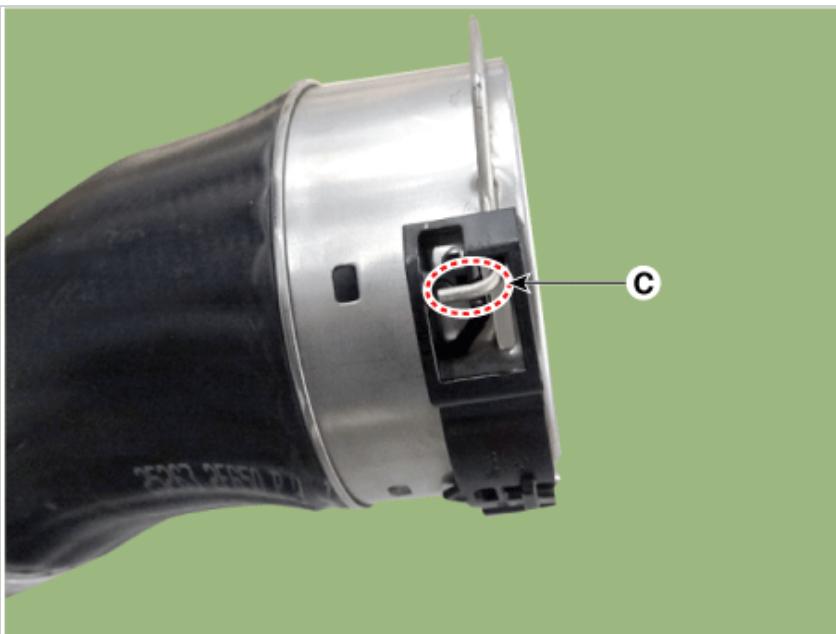
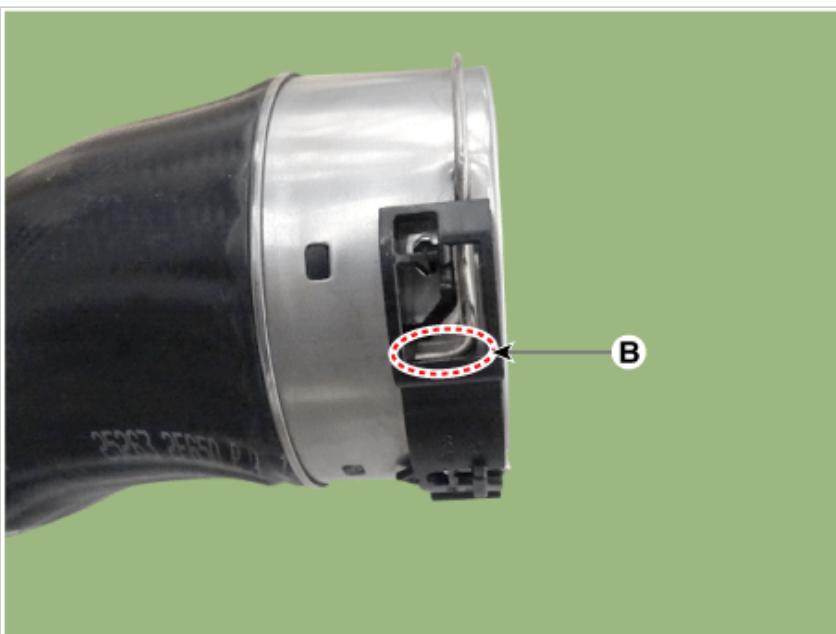


**Information**

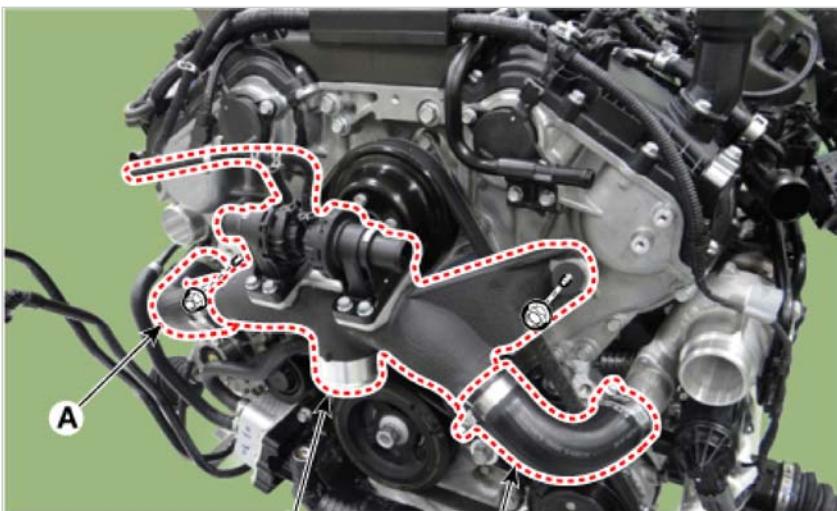
- 1) When disconnect the intercooler inlet hose, pull out the quick connector clamp (A) in the direction of the arrow as shown below.



2) Move the quick connector clamp from position (B) to position (C) as shown below and pull out the quick connector hose.



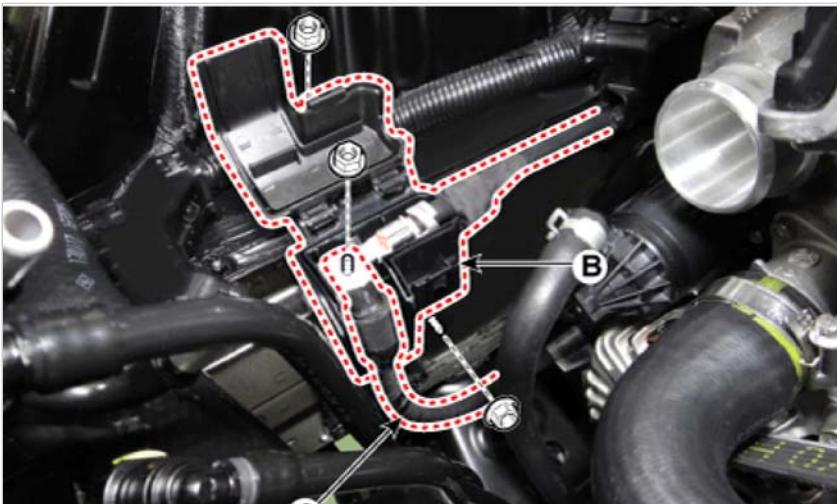
4. Disconnect the LH and RH inlet hose (A) and then remove the intercooler inlet joint (B).



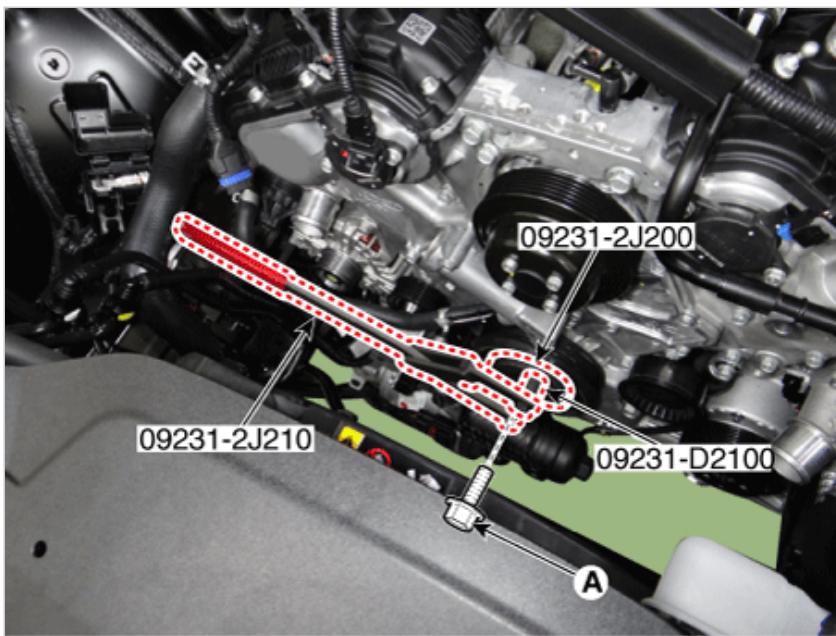
5. Separate the drive belt.

(Refer to Drive Belt System - Drive Belt")

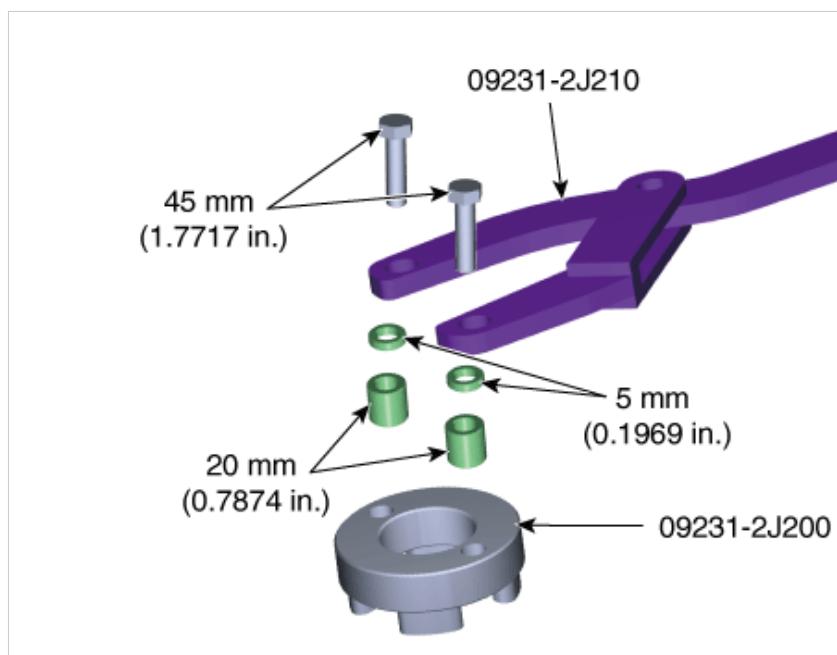
6. Disconnect the battery cable (A) and then remove the joint block (B).



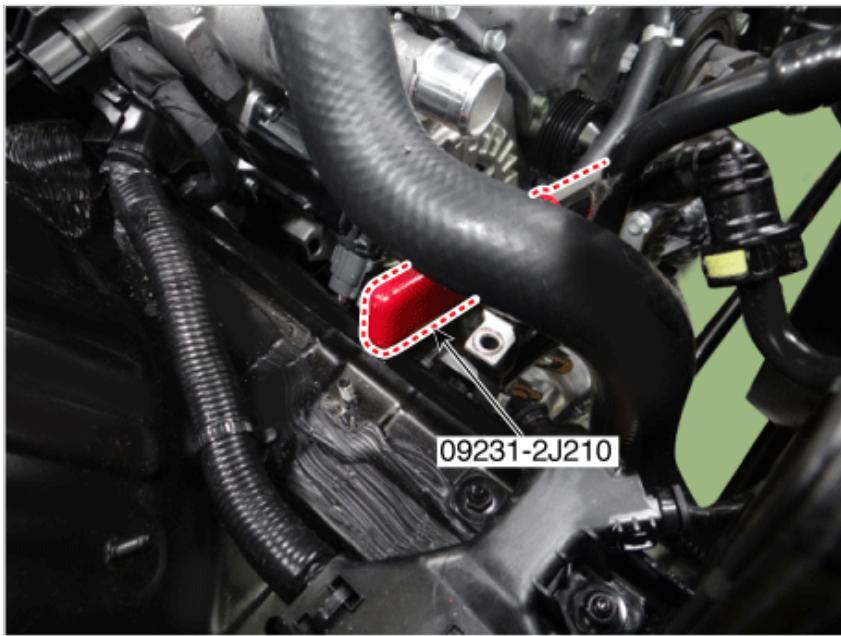
7. Using the SSTs (09231-2J210, 09231-2J200, 09231-D2100) to hold the crankshaft damper pulley and then unfasten the crankshaft damper pulley mounting bolt (A).

**i Information**

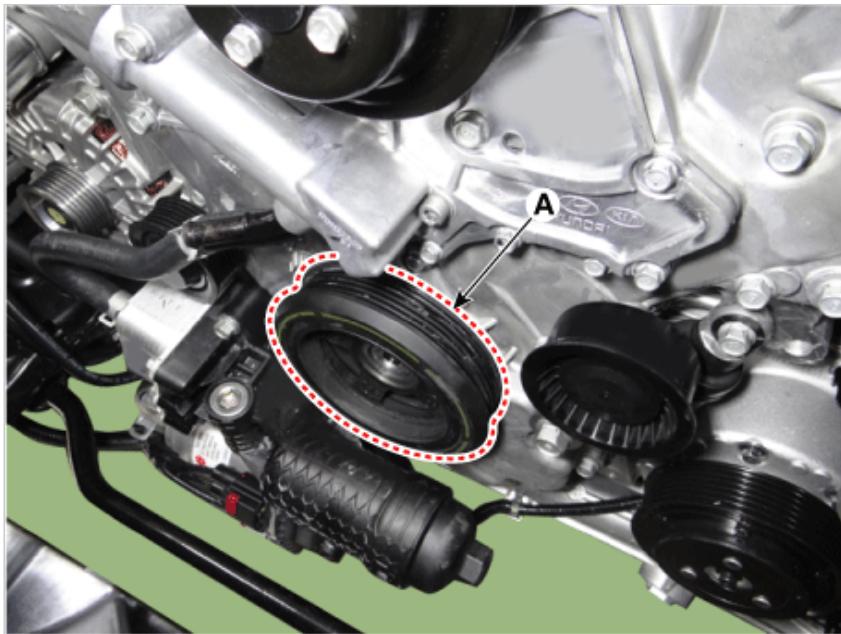
- Inset a adapter 5 mm (0.1969 in.) + 20 mm (0.7874 in.) of SST (09231-D2100) between SST (09231-2J210) and SST (09231-2J200). And then tighten bolts 45 mm (1.7717 in.) of SST (09231-D2100)



- When unfasten the crankshaft damper pulley mounting bolt, fix the SST 09231-2J210 on the frame.



8. Remove the crankshaft damper pulley (A).



9. Install the joint block (A) and then connect the battery cable (B).

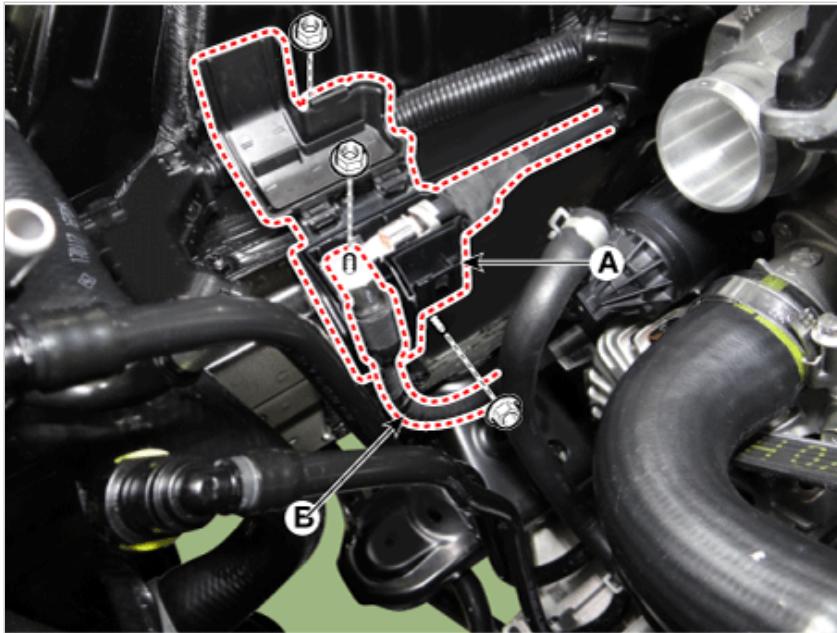
#### Tightening torque

Joint block :

4.9 - 7.8 N·m (0.5 - 0.8 kgf·m, 3.6 - 5.8 lb·ft, 43.4 - 69.4 lb·in)

Battery cable :

9.8 - 10.8 N·m (1.0 - 1.1 kgf·m, 7.2 - 8.0 lb·ft)



## Inspection

Check the pulleys for vibration in rotation and V-ribbed part for oil or dust deposit. Replace if necessary.

## Installation

1. Install the crankshaft damper pulley.



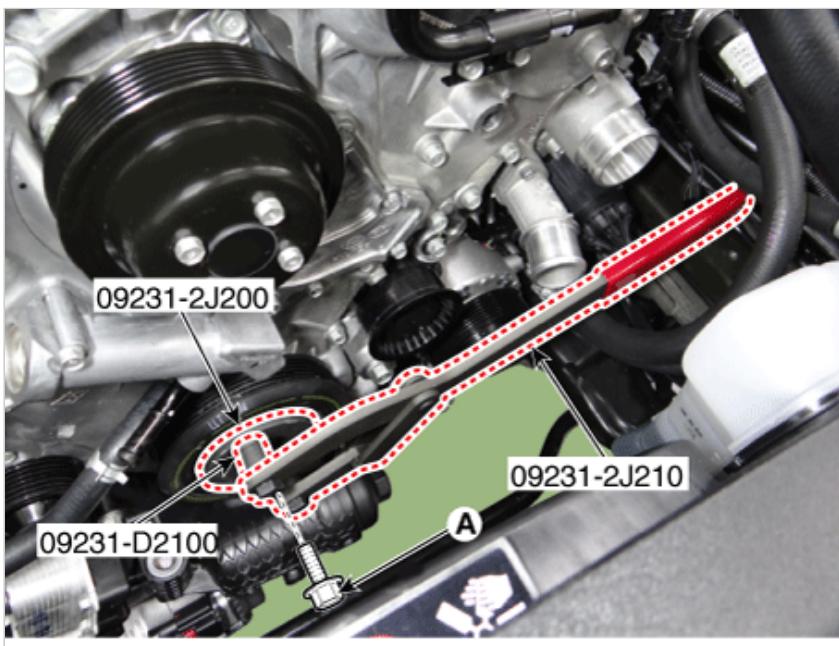
2. Disconnect the ground cable (A).



- Using the SSTs (09231-2J210, 09231-2J200, 09231-D2100) to hold the crankshaft damper pulley and then tighten the crankshaft damper pulley mounting bolt (A).

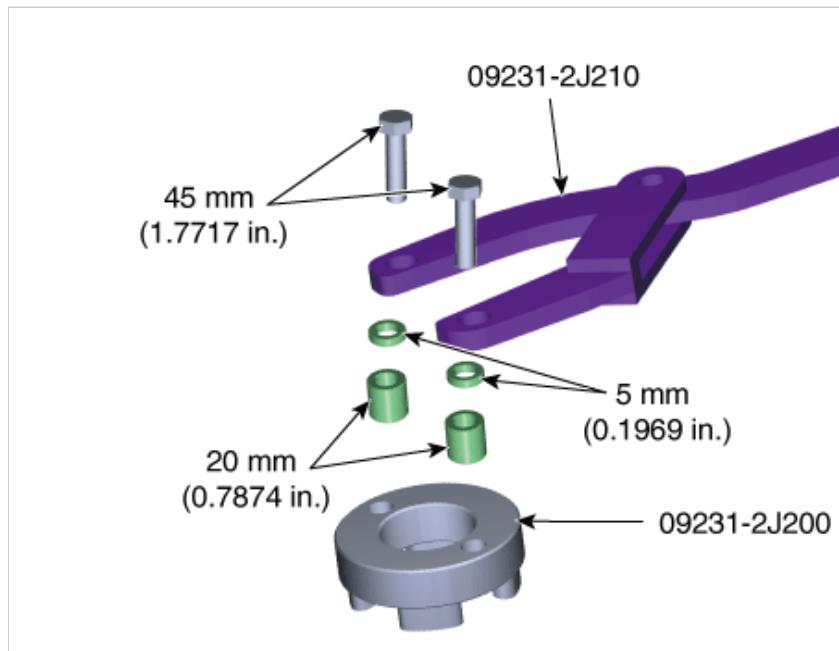
**Tightening torque :**

421.7 - 431.5 N·m (43.0 - 44.0 kgf·m, 311.0 - 318.3 lb·ft)



**Information**

- Inset a adapter 5 mm (0.1969 in.) + 20 mm (0.7874 in.) of SST (09231-D2100) between SST (09231-2J210) and SST (09231-2J200). And then tighten bolts 45 mm (1.7717 in.) of SST (09231-D2100)



- When tighten the crankshaft damper pulley mounting bolt, fix the SST 09231-2J210 on the frame.



4. Connect the ground cable (A).

**Tightening torque :**

10.8 - 13.7 N·m (1.1 - 1.4 kgf·m, 8.0 - 10.1 lb·ft)



5. Install the drive belt.

(Refer to Drive Belt System - "Drive Belt")

6. Install the intercooler inlet joint (B)

**Tightening torque :**

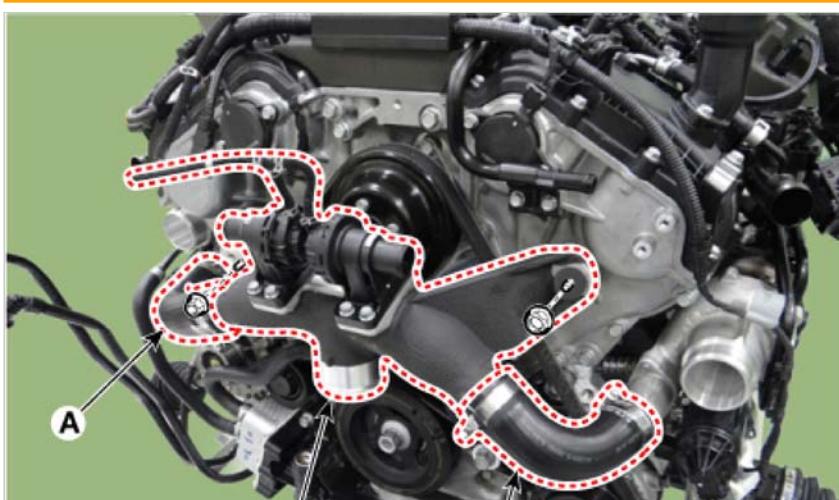
49.0 - 53.9 N·m (5.0 - 5.5 kgf·m, 36.2 - 39.8 lb·ft)

7. Connect the inlet hose (A).

**Tightening torque :**

4.9 - 6.9 N·m (0.5 - 0.7 kgf·m, 3.6 - 5.1 lb·ft, 43.4 - 60.8 lb·in)

(If equipped with a cap, tighten it until the cap is removed.)



8. Install the remaining parts in the reverse order of removal.