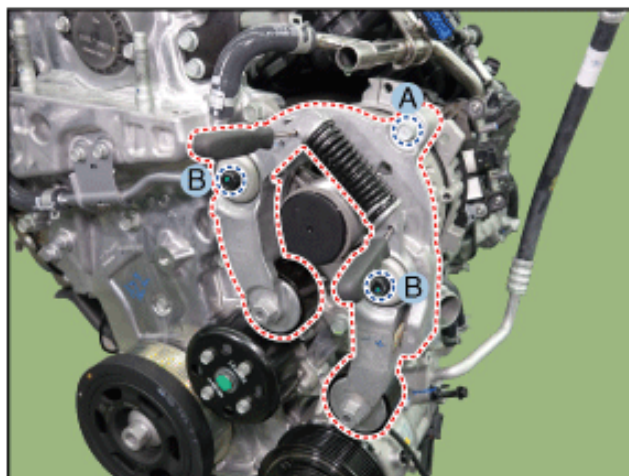


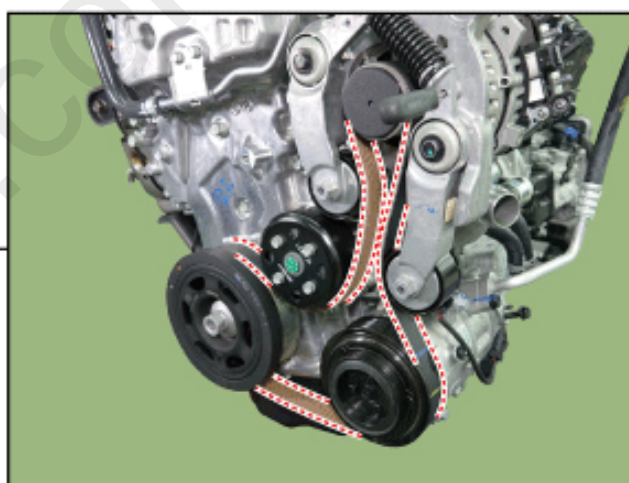
[1]



[2]



[3]



Tightening torque : N.m (kgf.m, lb-ft)
 A : 18.6 - 23.5 (1.9 - 2.4, 13.7 - 17.4)
 B : 34.3 - 41.2 (3.5 - 4.2, 25.3 - 30.4)
 C : 66.7 - 70.6 [6.8 - 7.2, 49.2 - 52.1] + [98 - 102°]

1. Crankshaft Damper Pulley

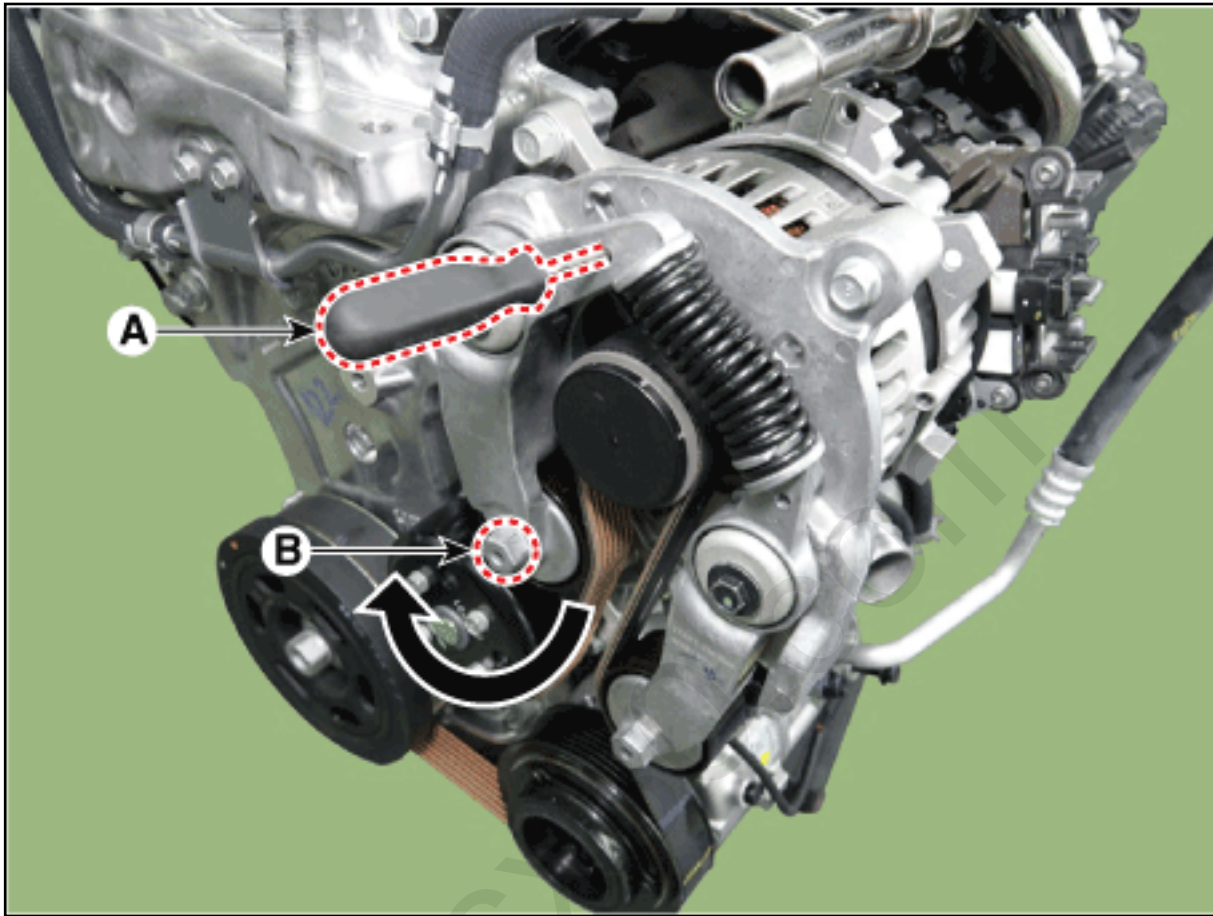
2. Drive Belt Tensioner

3. Drive Belt

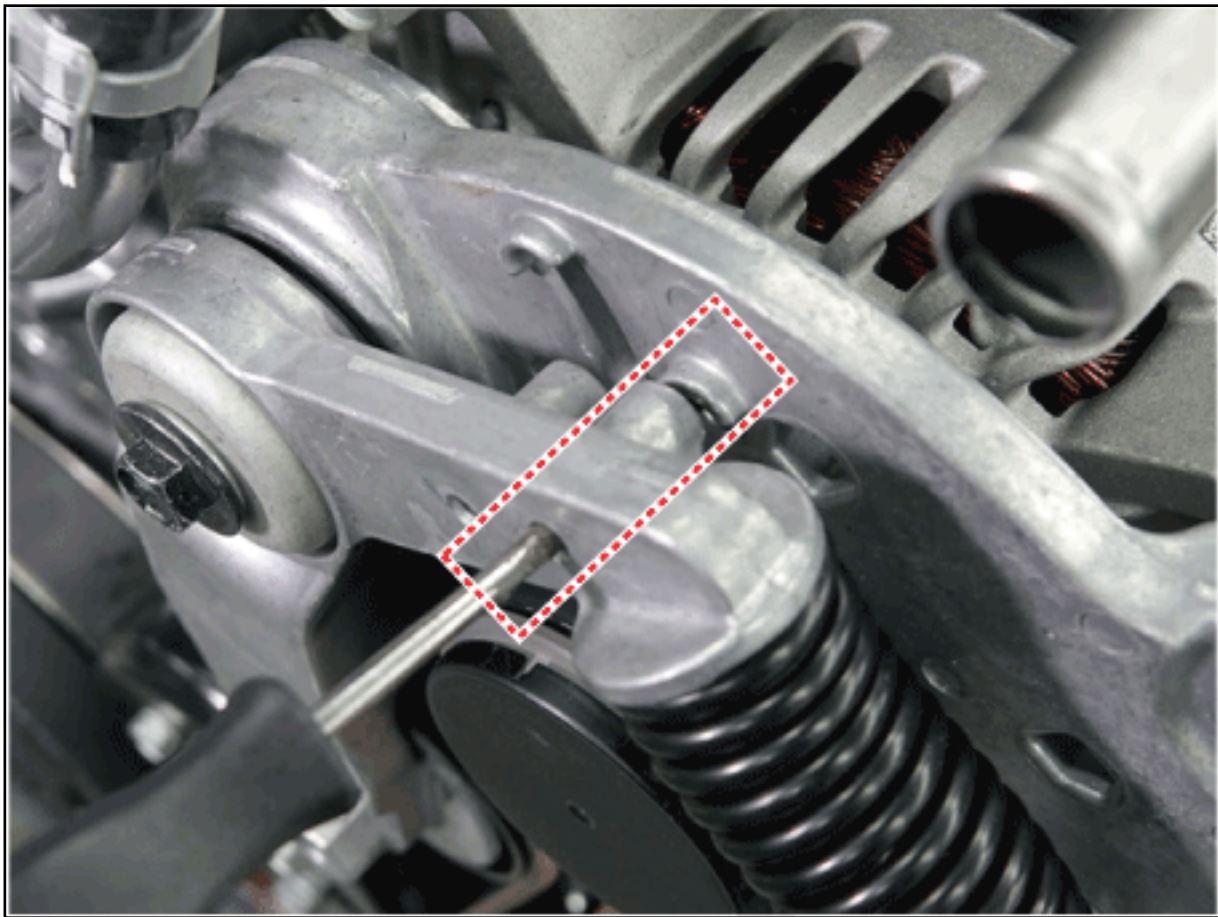
Removal and Installation

1. Fix the drive belt tensioner.

- (1) Insert the drive belt tensioner by installing fixing pin (A) after turning the drive belt tensioner arm boss (B) to clockwise.

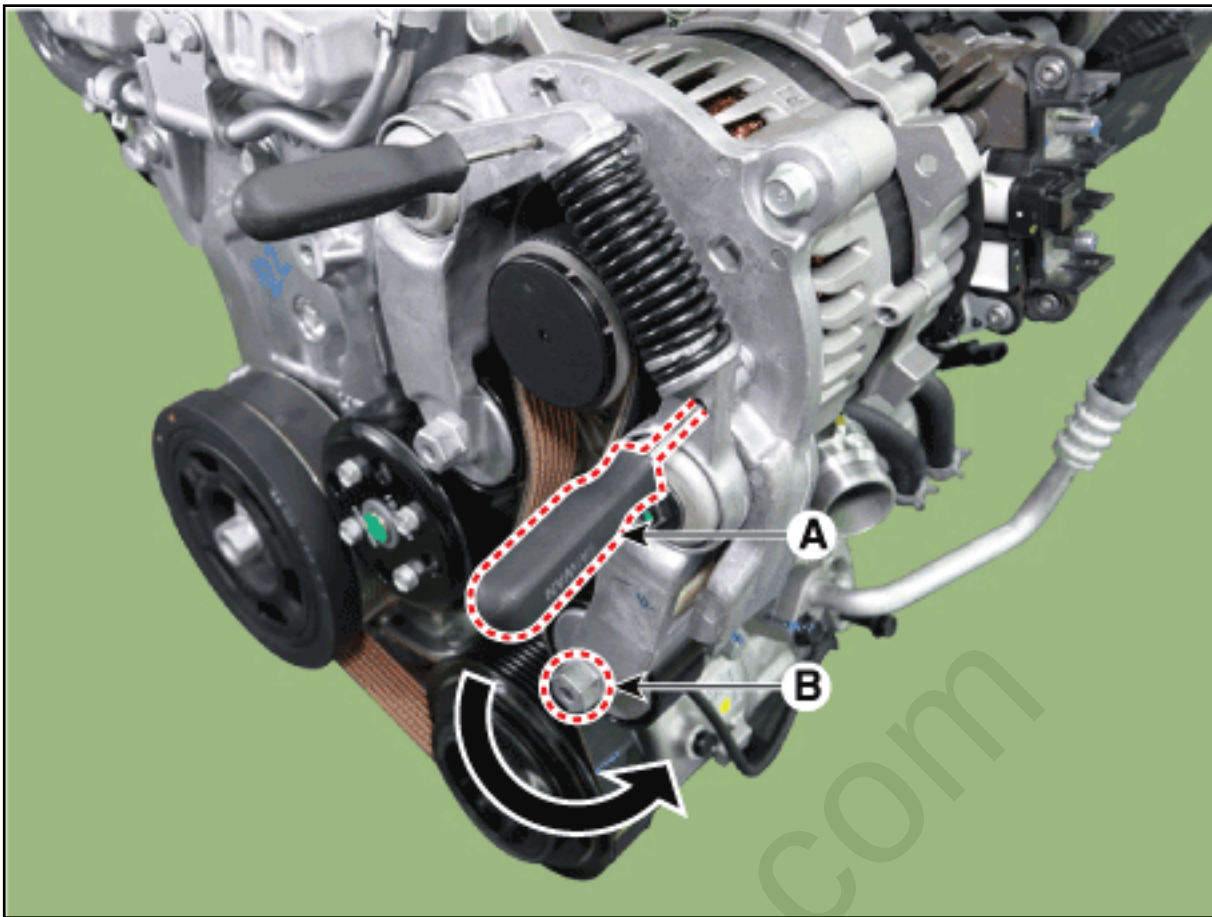


- Fix the drive belt tensioner by installing fixing pin after turning the drive belt tensioner to clockwise.

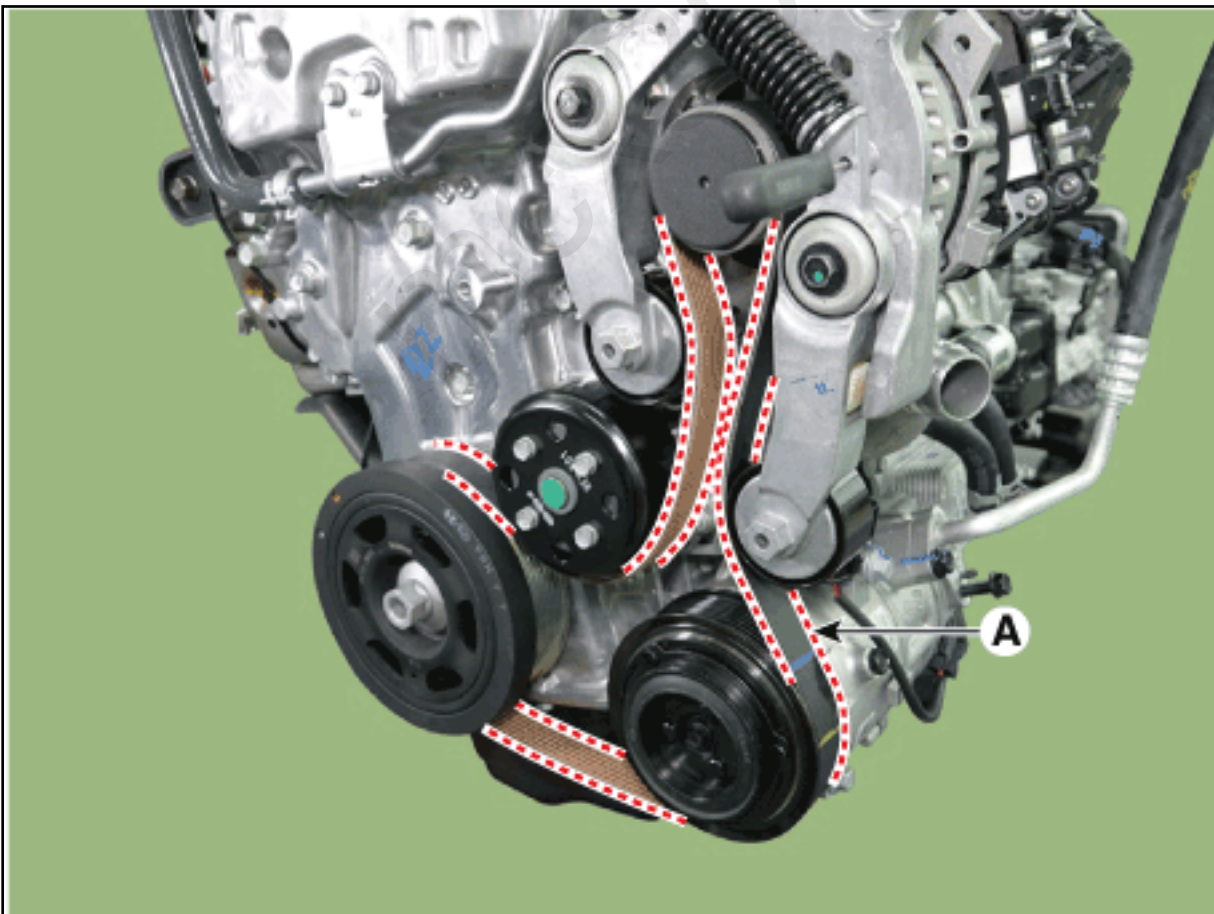


- Use fixing pins that have the same outer diameter as a 6mm(0.2362 in.) hex wrench or a 6mm(0.2362 in.) hex wrench.

(2) Insert the drive belt tensioner by installing fixing pin (A) after turning the drive belt tensioner arm boss (B) to counterclockwise.



2. Remove the drive belt (A).



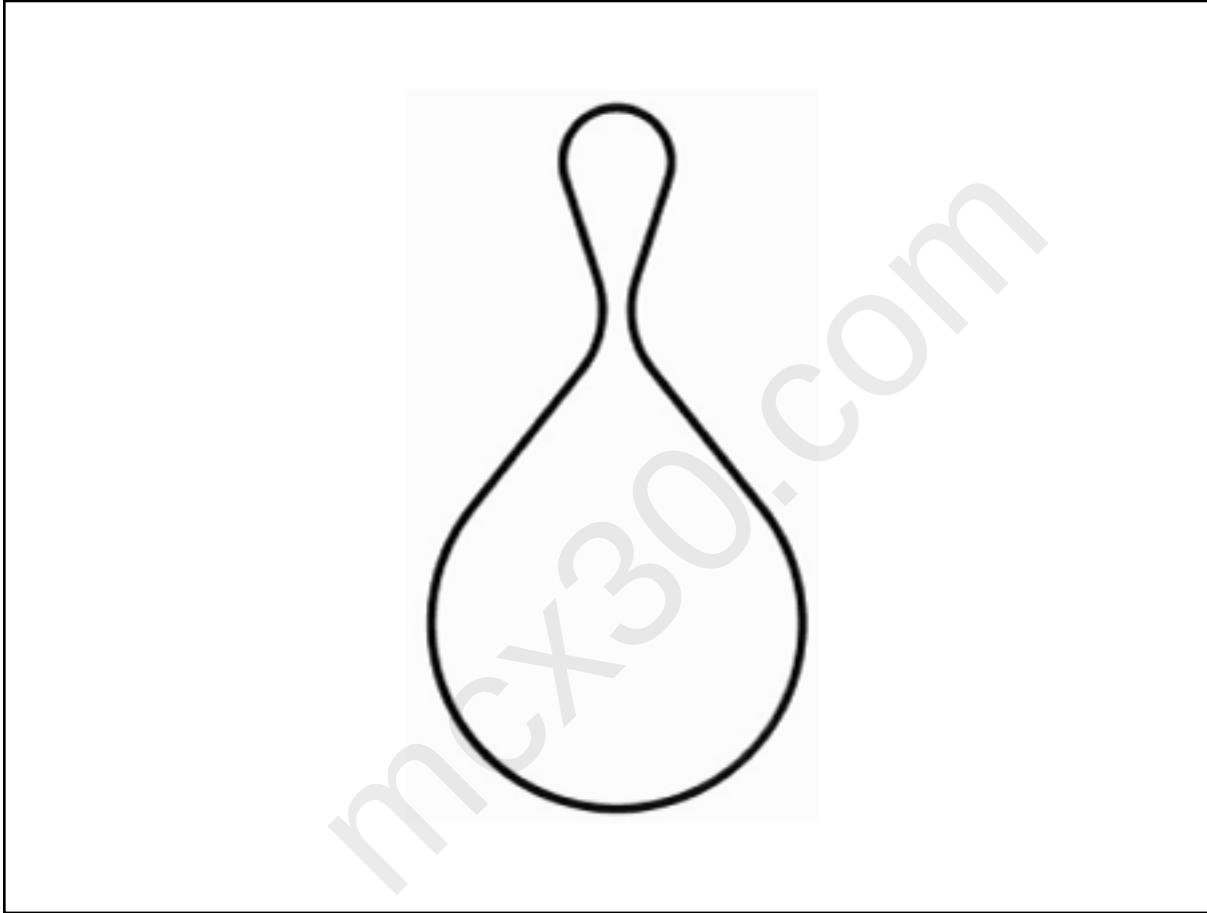


- When removing the drive belt, remove the drive belt from the water pump pulley.

3. Install in the reverse order of removal.



- When installation of drive belt, make the drive belt as a round hook shape bigger than alternater pulley as a picture down below. Then install it with following order of micro hybrid starter & generator(MHSG) → airconditioner compressor → crankshaft damper pulley → water pump.



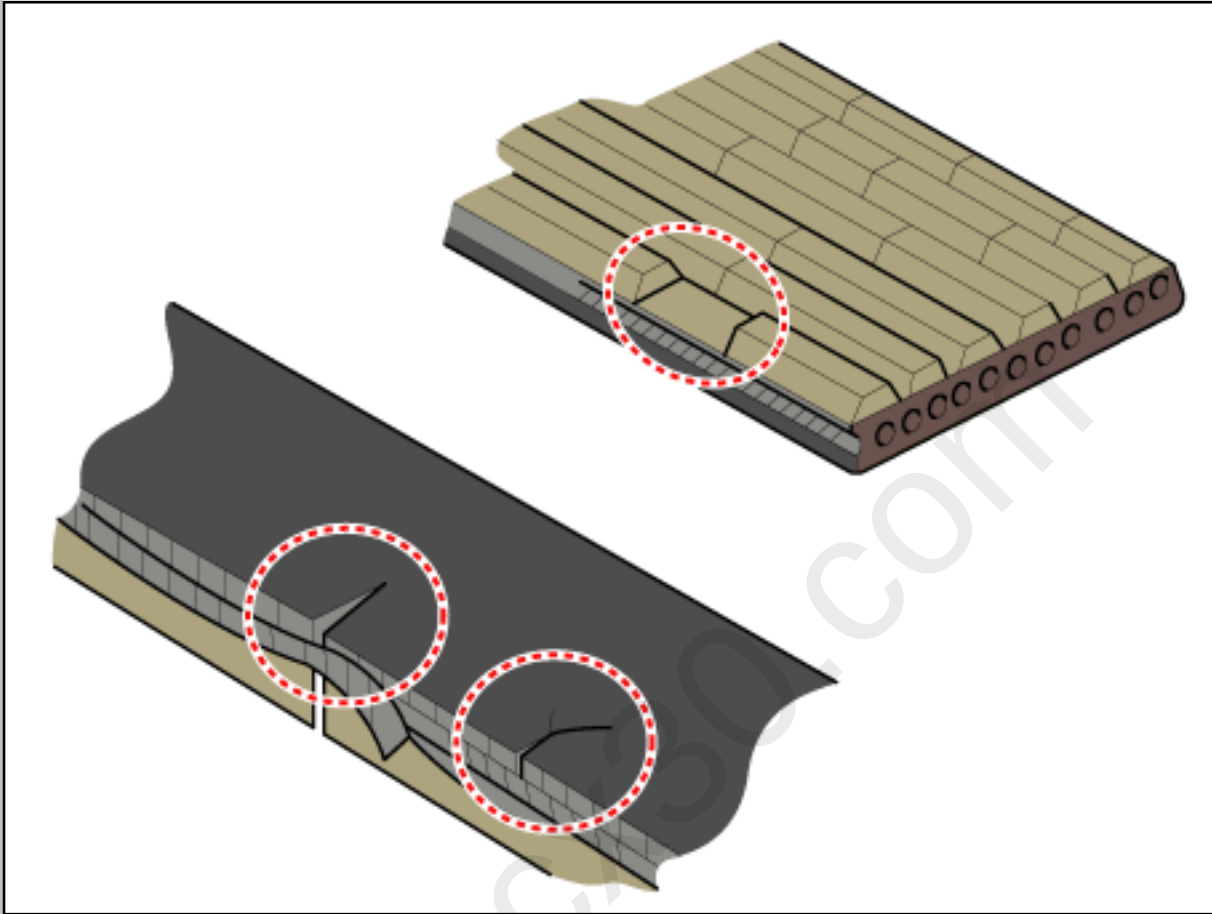
Inspection

Drive Belt Inspection

1. Visually check the belt for excessive wear, frayed cords etc.If any defect has been found, replace the drive belt.



- Cracks on the rib side of a belt are considered acceptable. If the belt has chunks missing from the ribs, it should be replaced.



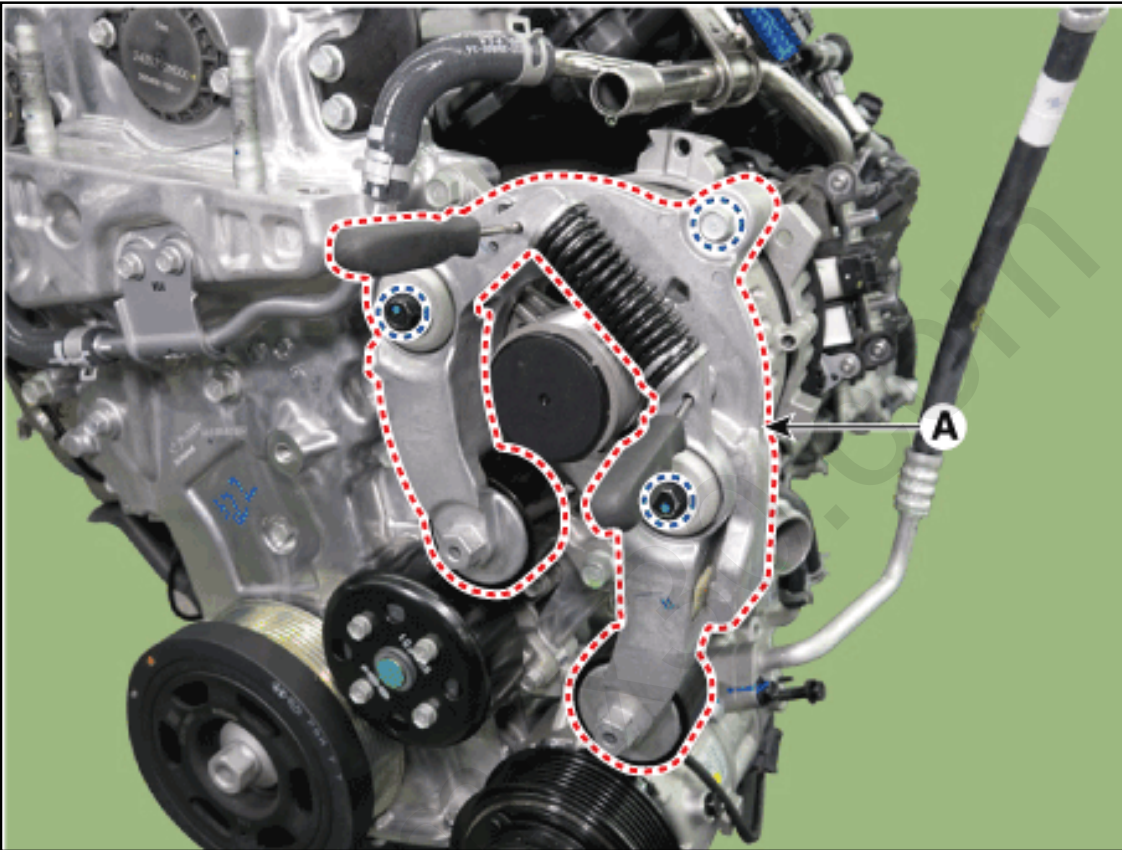
Removal and Installation

1. Remove the drive belt.
(Refer to Drive Belt System - "Drive Belt")
2. Remove the drive belt tensioner (A).

Tightening torque

Bolt (B) : 18.6 - 23.5 N.m (1.9 - 2.4 kgf.m, 13.7 - 17.4 lb-ft)

Bolt (C) : 34.3 - 41.2 N.m (3.5 - 4.2 kgf.m, 25.3 - 30.4 lb-ft)



3. Install in the reverse order of removal.



- Check the belt tensioner for crack, and damage. Replace if necessary.

Inspection

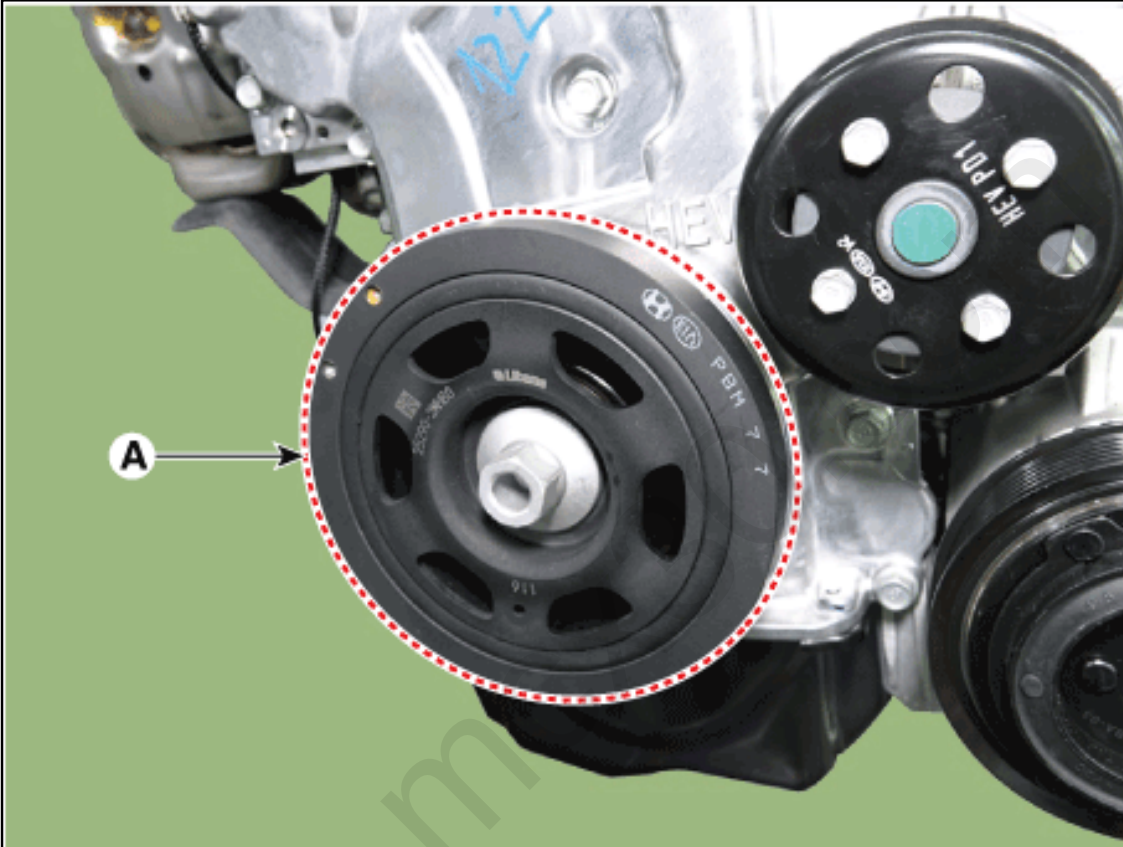
Check the drive belt tensioner for excessive foreign substances, crack, damage or sticking of pivot shaft.
Replace if necessary.

Removal and Installation

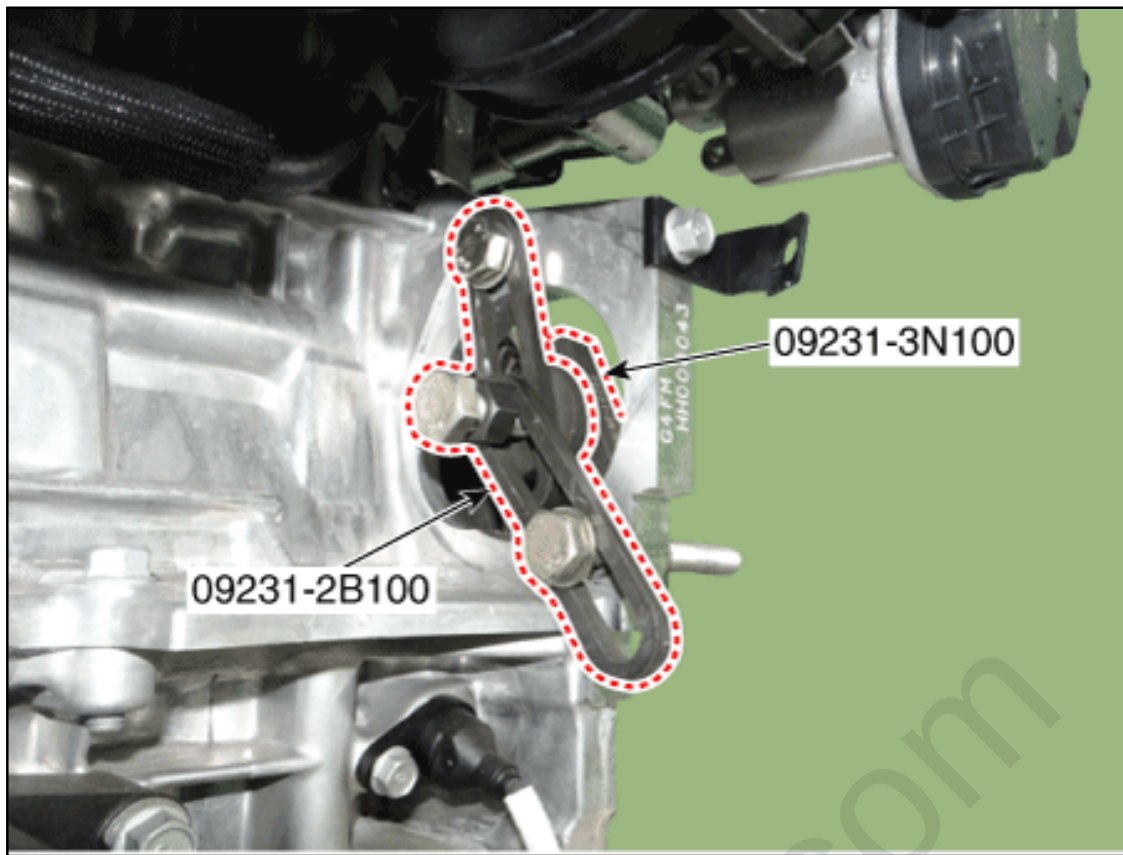
1. Remove the engine room under cover.
(Refer to Engine and Transaxle Assembly - "Engine Room Under Cover")
2. Remove the drive belt.
(Refer to Drive Belt System - "Drive Belt")
3. Remove the crankshaft damper pulley (A).

Tightening torque :

66.7 - 70.6 N.m + 98 - 102°[6.8 - 7.2 kgf.m + 98 - 102°, 49.2 - 52.1 lb-ft + 98 - 102°]



-
- Fix the ring gears using the SST(09231-2B100,09231-3N100) after removing the starter. Then remove the crankshaft damper pulley.



4. Install in the reverse order of removal.

Inspection

Check the crankshaft damper pulley for vibration in rotation, oil or dust deposit of V-ribbed part. Replace if necessary.