



Inspection

1. Check belt for maintenance and abnormal wear of V-ribbed part. Replace if necessary.

NOTICE

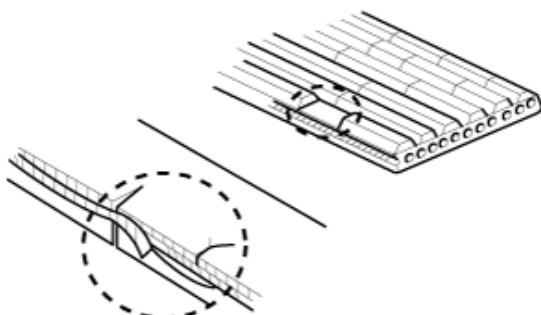
- Do not bend, twist or turn the drive belt inside out.
- Do not allow the drive belt to come into contact with oil, water and steam.

2. Visually check the belt for excessive wear, frayed cords etc.

If any defect has been found, replace the drive belt.

NOTICE

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

[Lambda 3.3 T-GDI]

1. Disconnect the negative battery terminal.
2. Remove the engine room front under cover.
(Refer to Engine Mechanical System - "Engine Room Under Cover")
3. Drain the coolant.
(Refer to Engine Mechanical System - "Coolant")
4. Disconnect the intercooler inlet hose (A).

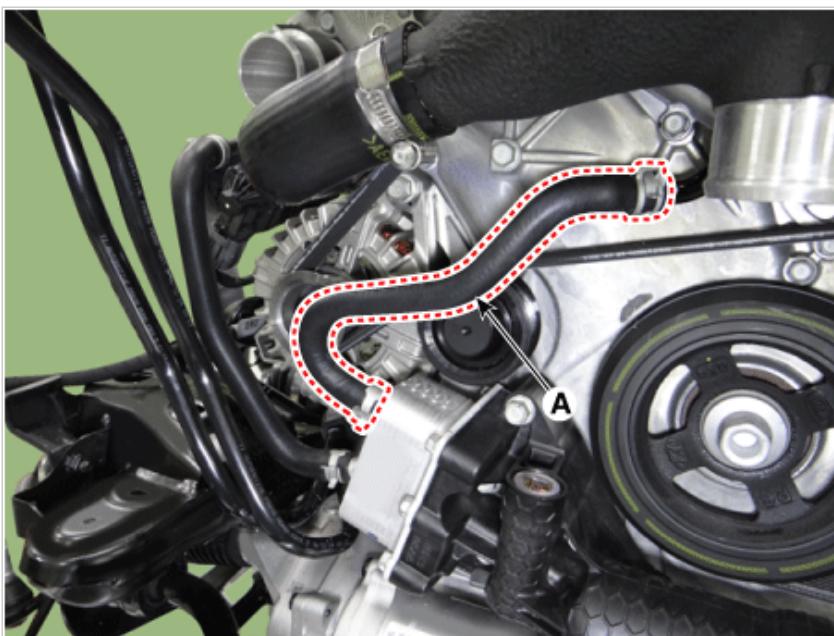
Tightening torque :

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

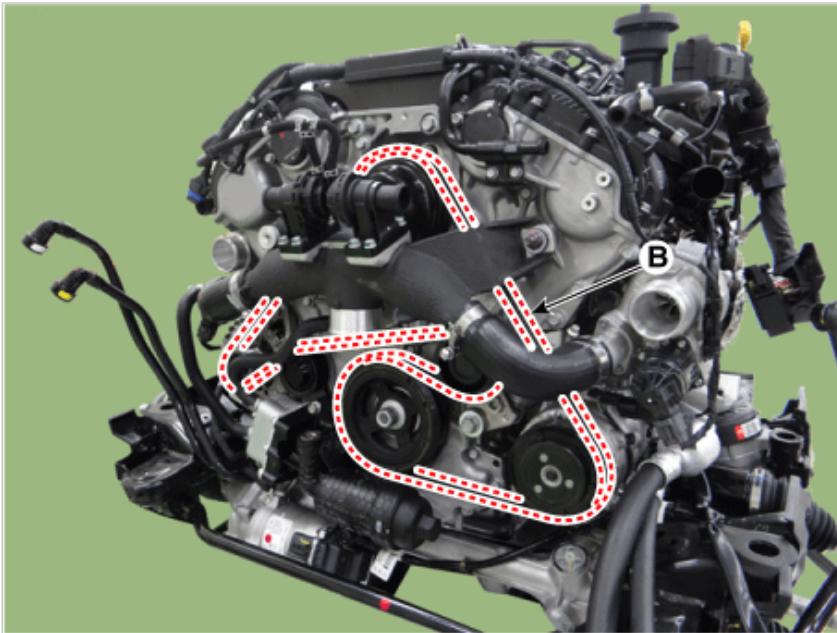
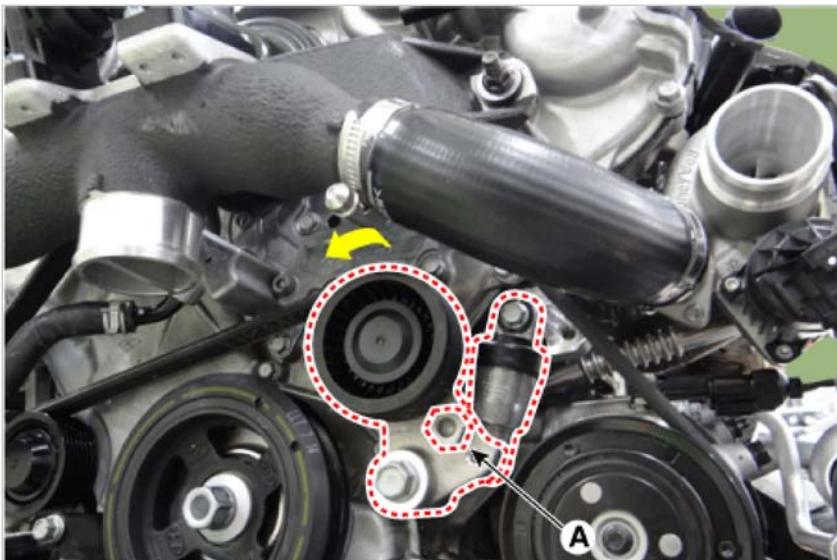
(If equipped with a cap, tighten it until the cap is removed.)



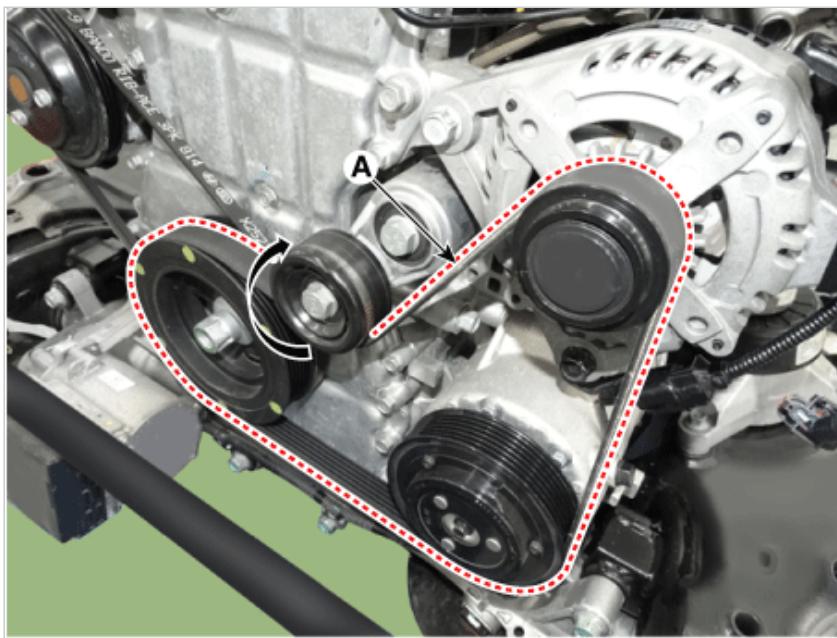
5. Disconnect the oil cooler water hose A (A).



6. To release the tensioner, rotate the tensioner arm by turning the tensioner arm boss (A) counterclockwise using a wrench. And then remove the drive belt (B).

**[Theta-II 2.0 T-GDI]**

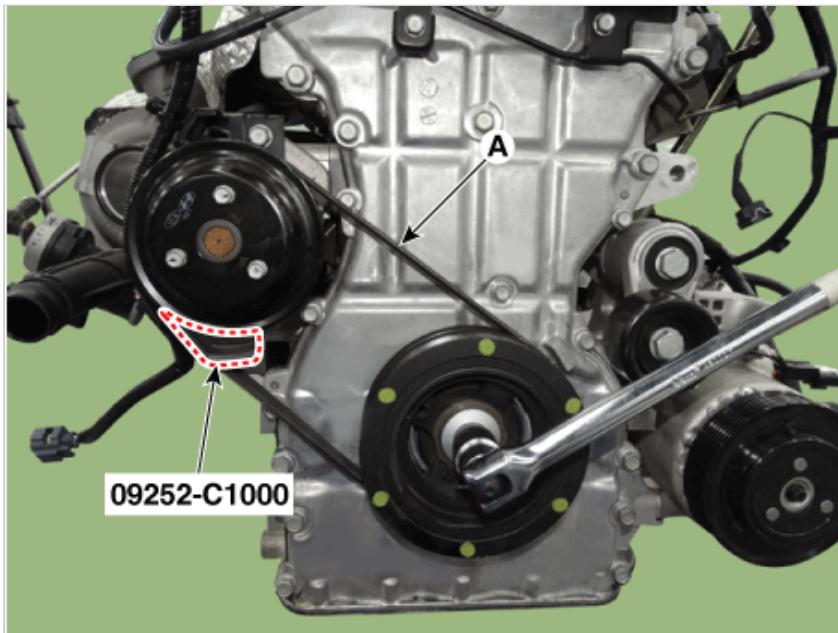
1. Remove the engine room front under cover.
(Refer to Engine Mechanical System - "Engine Room Under Cover")
2. For release the tension, turn the drive belt tensioner (A) counterclockwise then remove the drive belt (B).



3. Remove the water pump belt.

(1) Insert the SST (09252-C1000) between the water pump pulley and the water pump belt.

(2) Remove the water pump belt (A) by turning the damper pulley clockwise.



Installation

[Lambda 3.3 T-GDI]

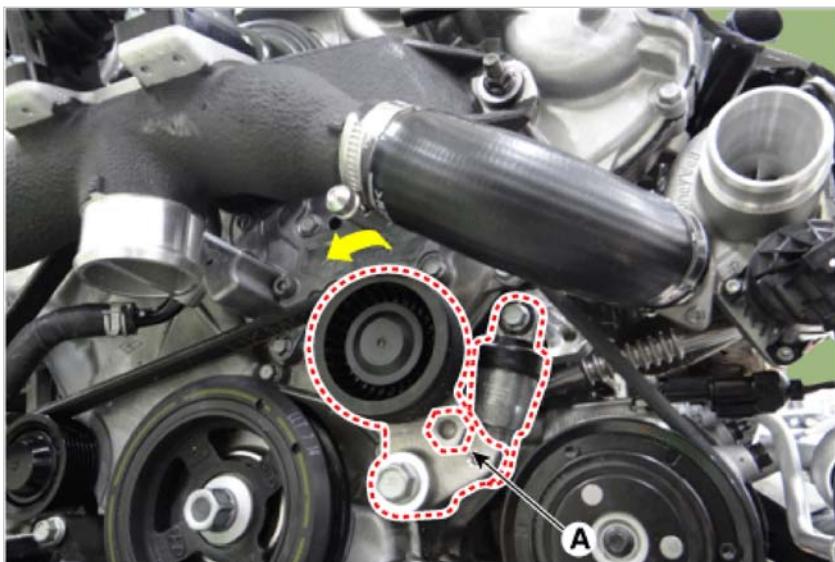
1. Install in the reverse order of removal.

NOTICE

When install the drive belt, install the drive belt that the part number marked on the top of the drive belt and letters of the specification information are visible.

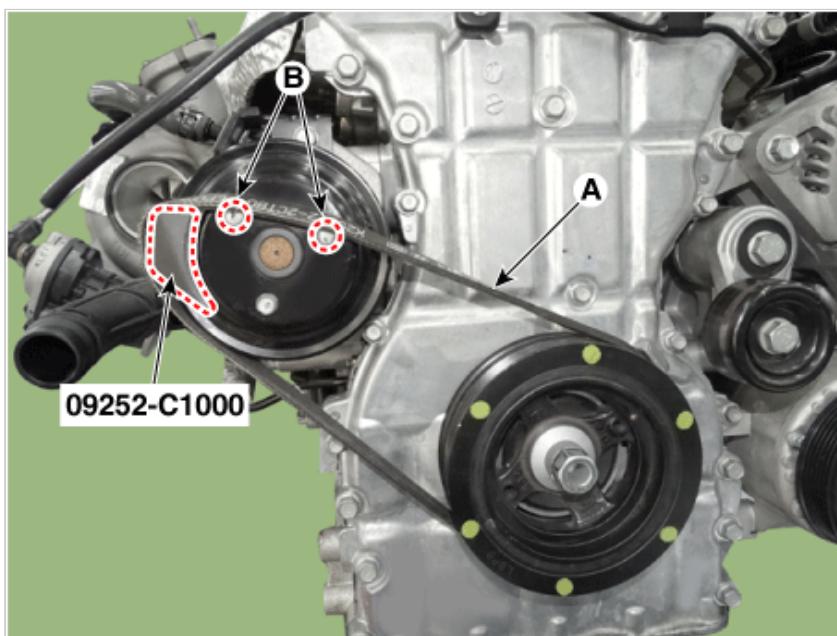
Information

Install the drive belt in the following order :Crankshaft damper pulley → A/C compressor pulley → water pump pulley → alternator pulley → idler pulley → drive belt auto tensioner pulley. Rotate the auto tensioner arm by turning the auto tensioner arm boss (A) counterclockwise using a wrench. After installing the drive belt to the auto tensioner pulley, slowly release the auto tensioner arm.



[Theta-II 2.0 T-GDI]

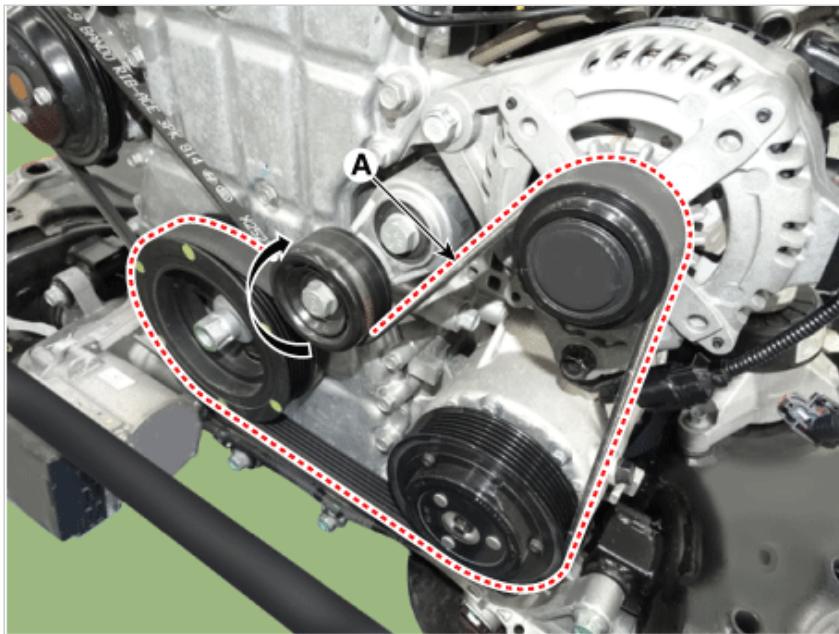
1. Install the water pump belt.
 - (1) Insert the SST (09252-C1000) between the water pump pulley and the water pump belt
 - (2) Install the water pump belt (A) by turning the damper pulley clockwise.



NOTICE

Install the water pump belt while being careful not to damage the water pump belt caused by water pump pulley mounting bolt (B).

2. For release the tension, turn the drive belt tensioner (A) counterclockwise then install the drive belt (B).



3. Install the other parts in the reverse order of removal.