

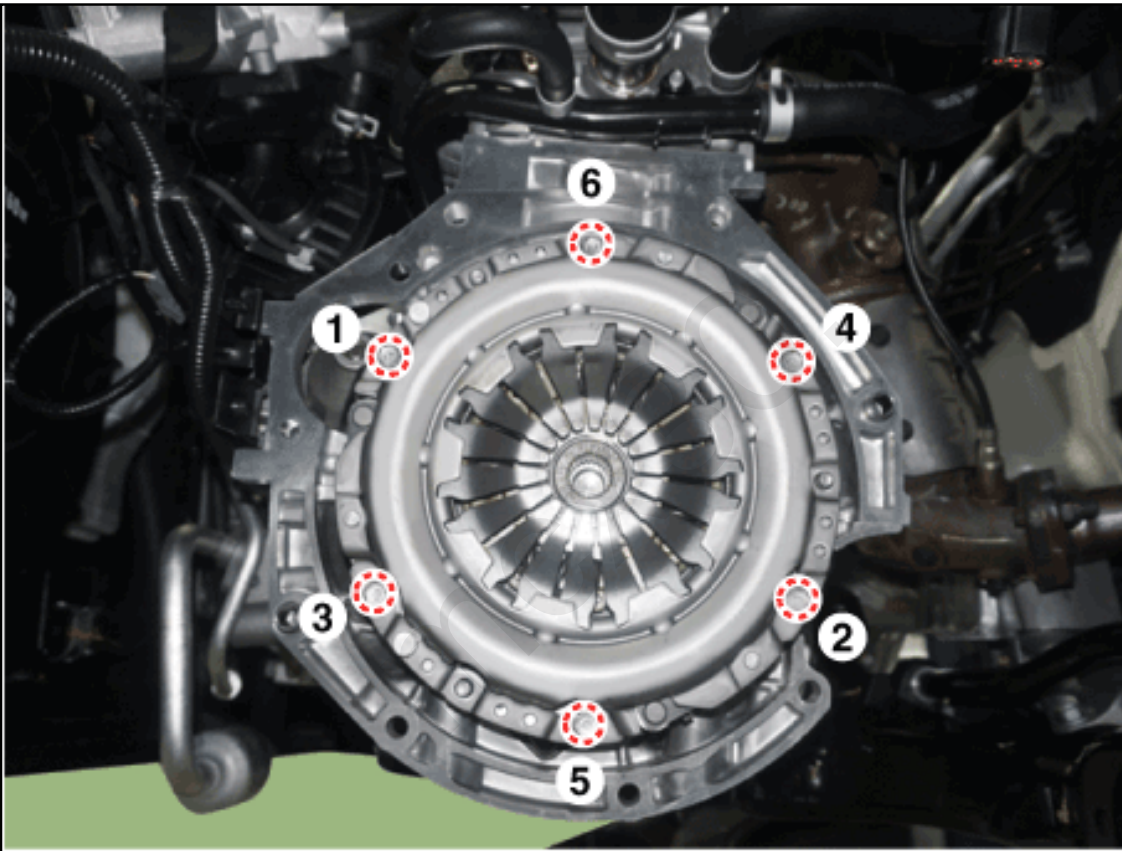
Removal

1. Remove the manual transaxle assembly.
(Refer to In case by Gasoline 1.6 T-GDI System - "Manual Transaxle")
(Refer to In case by Diesel 1.6 TCI System - "Manual Transaxle")
(Refer to In case by Gasoline 2.0 MPI System - "Manual Transaxle")
(Refer to In case by Gasoline 1.6 T-GDI System - "Intelligent Manual Transaxle")
(Refer to In case by Diesel 1.6 TCI System - "Intelligent Manual Transaxle")
2. Loosen the clutch cover mounting bolts and then removing the clutch cover.

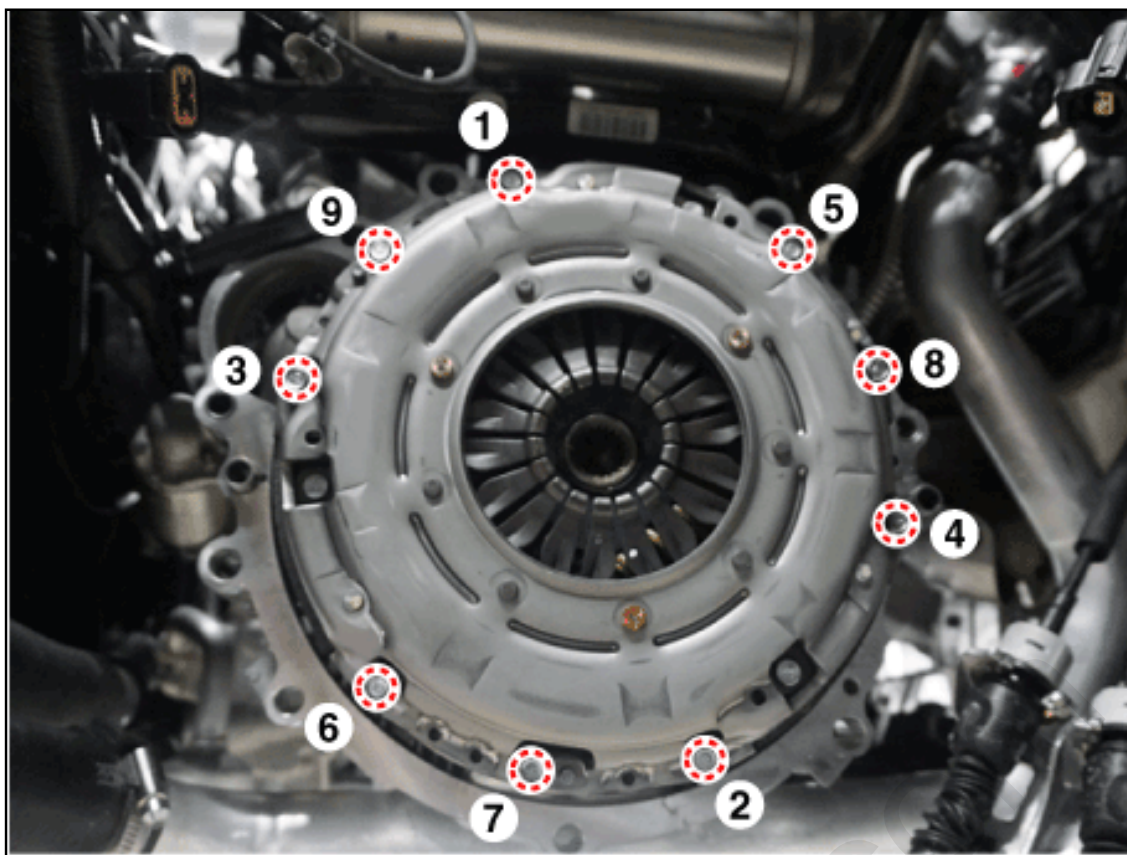


- Be careful not to be bent or twist bolts.
- Loosen bolts in diagonal directions.

[Gasoline 1.6 T-GDI]



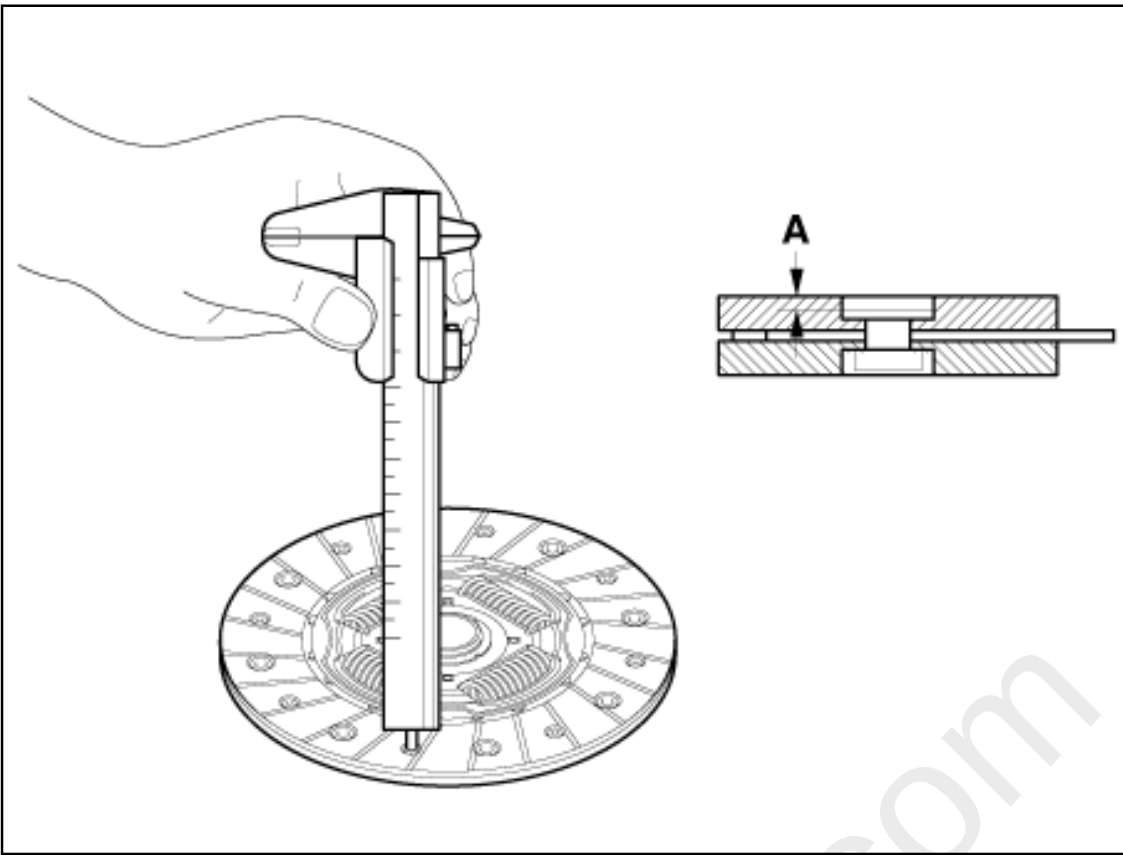
[Gasoline 2.0 MPI / Diesel 1.6 TCI]



Inspection

1. Inspect diaphragm spring wear which is in contact with a concentric slave cylinder bearing.
2. Check the clutch cover and disc surface for wear or cracks.
3. Check the clutch disc lining for slipping or oil marks.
4. Measure the depth from a clutch lining surface to a rivet. If the measured value is less than the specification below, replace it.

Engine	Item	Specification
ALL	Clutch disc rivet depth (A)	0.3 mm (0.0118 in.)



Installation

1. Apply grease on a disc spline part and transaxle input shaft spline part as required.

Specified grease : CASMOLY L9508

Amount :

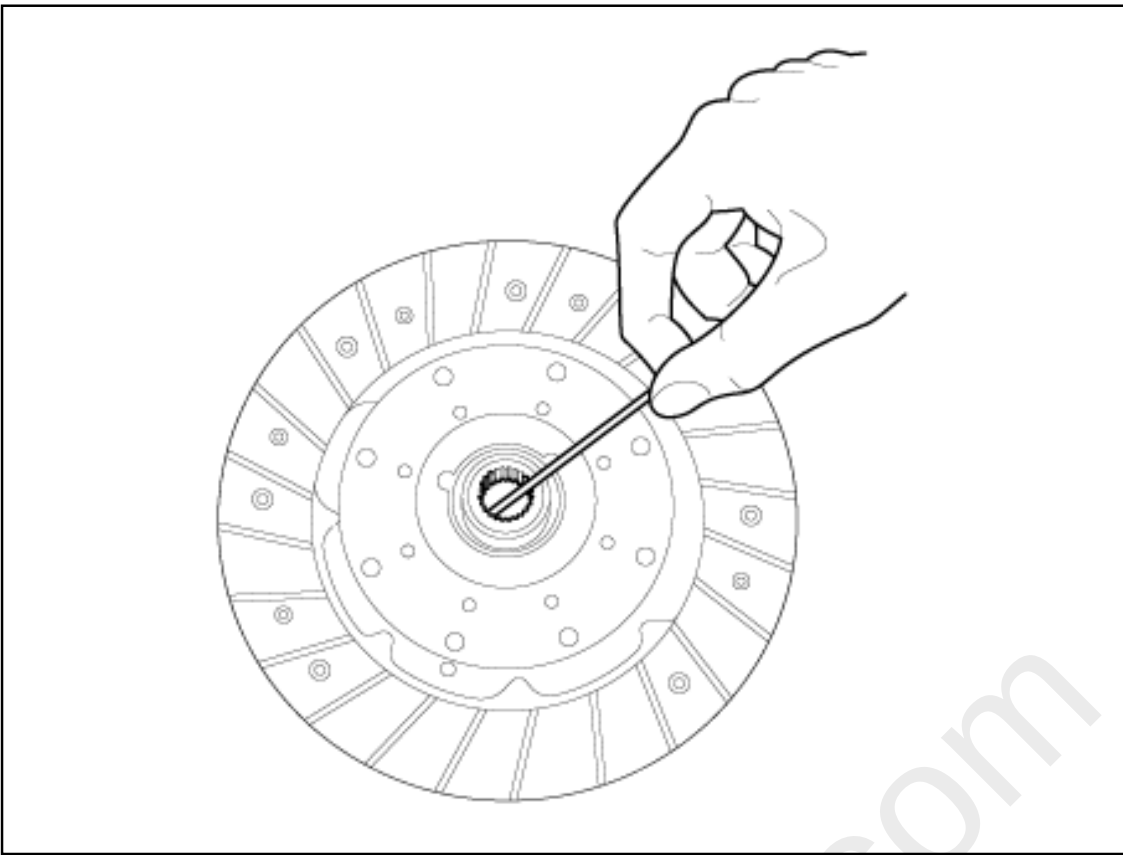
0.1 - 0.2g [**Gasoline 2.0 MPI / Gasoline 1.6 T-GDI**]

0.1 - 0.3g [**Diesel 1.6 TCI**]



Possible problems when not following

- When not applying: Excessive wear of splines and bad clutch operation can occur.
- When excessively applying: Grease can be scattered by centrifugal force which can contaminate the clutch disc. This can cause a loss of friction force causing a slip.



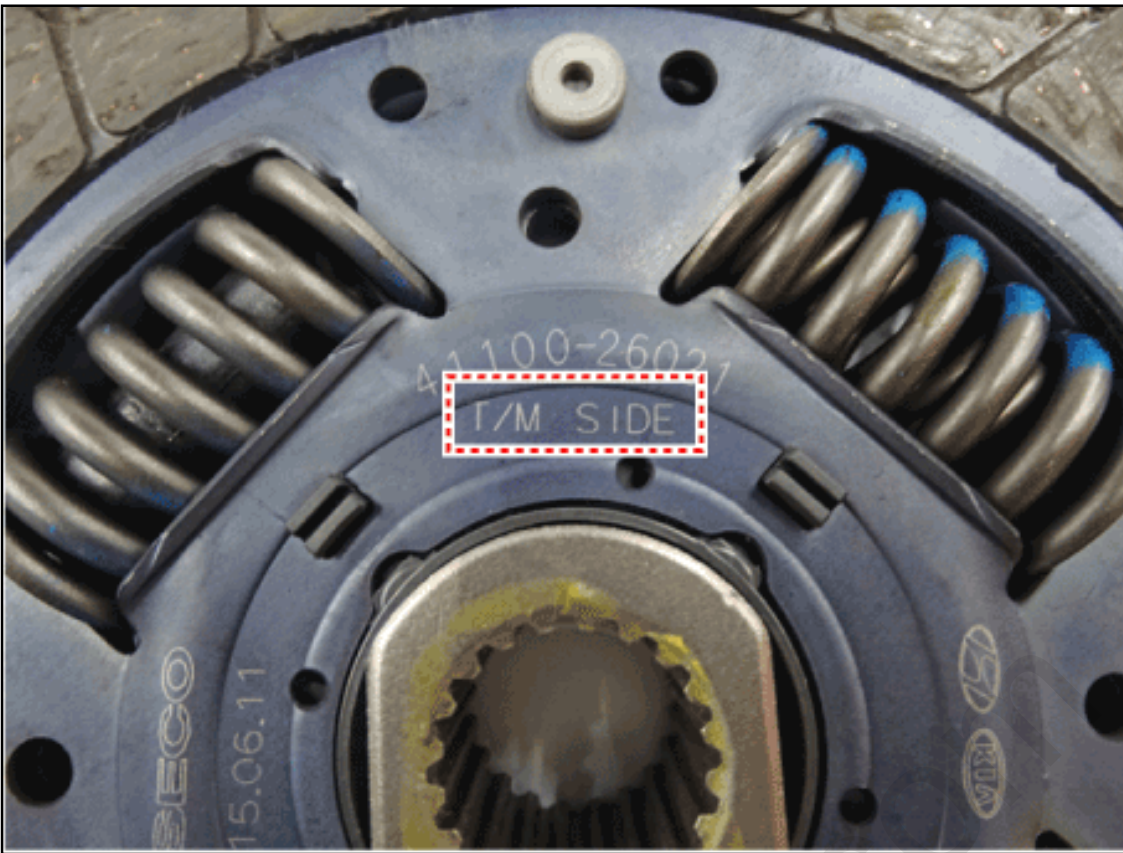
2. Before installing the clutch disc, check the “TM SIDE” and “FLYWHEEL SIDE” marked on the clutch disc, and install it with the clutch cover using a special tool (09411-1P000).



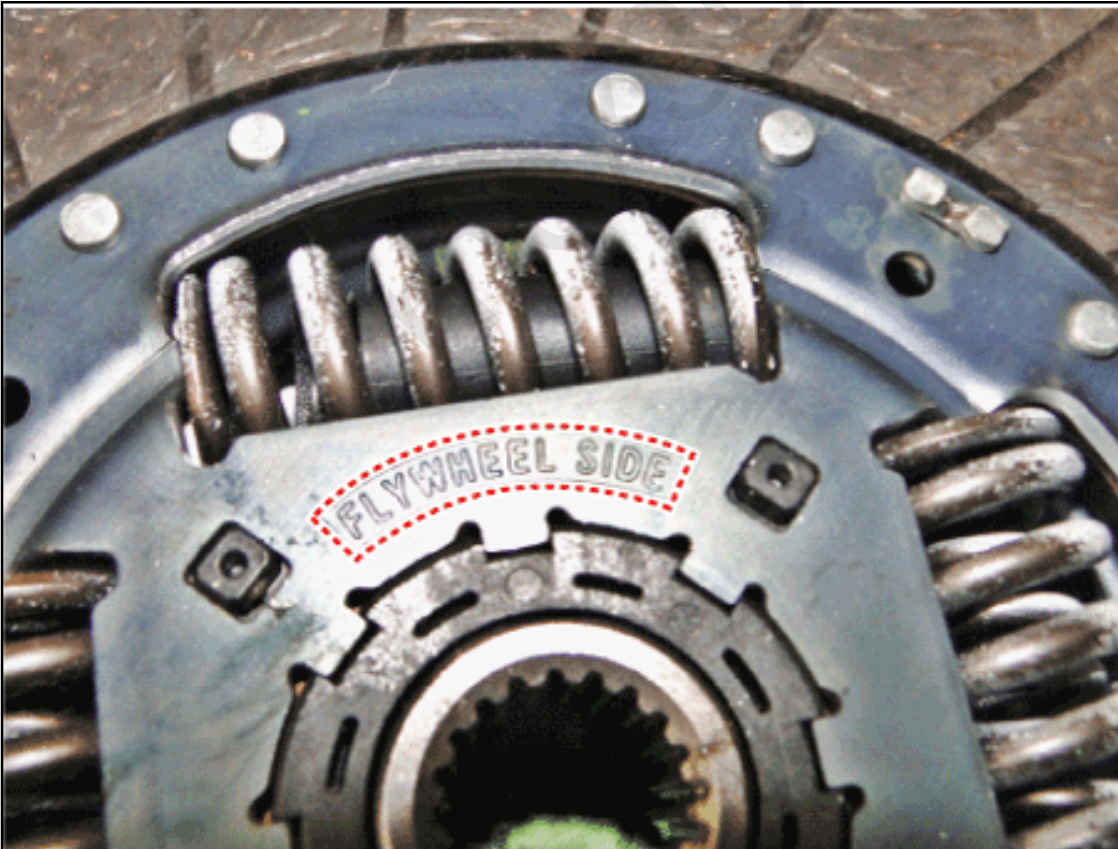
Possible problems when the disc is installed in the opposite direction.

- There can be an interference between the concentric slave cylinder on the transaxle side and a engine flywheel surface.
- Transaxle shift error or a strange sound can occur due to clutch separation.
- The concentric slave cylinder can break. If it does, the concentric slave cylinder should be replaced new one.

The 'T/M SIDE' marked surface should face the transaxle.



The 'FLYWHEEL SIDE' marked surface should face the flywheel.



3. Install the clutch disc and the cover with SST(A : 09411-1P000).



4. Install the clutch cover bolts.

Tightening torque :

14.7 - 21.6 N.m (1.5 - 2.2 kgf.m, 10.8 - 15.9 lb-ft) [**Gasoline 1.6 T-GDI**]

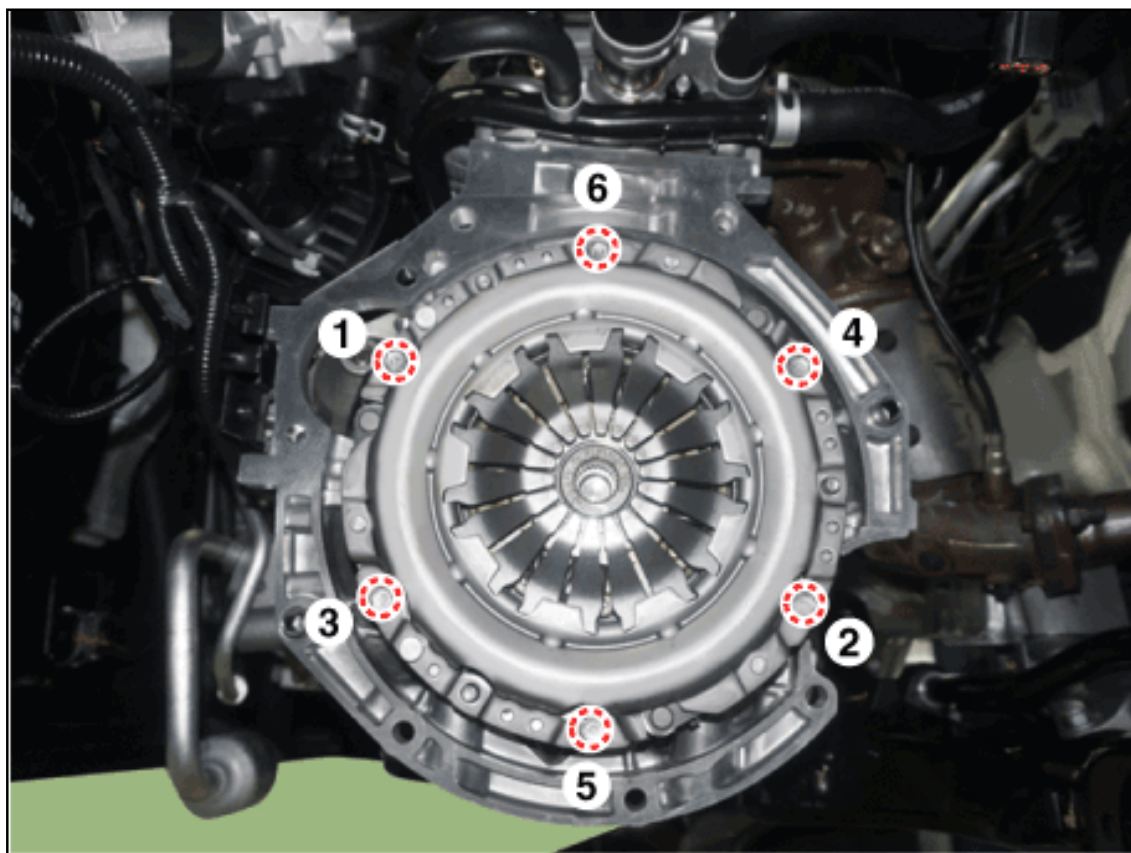
11.8 - 14.7 N.m (1.2 - 1.5 kgf.m, 8.7 - 10.8 lb-ft) [**Gasoline 2.0 MPI / Diesel 1.6 TCI**]



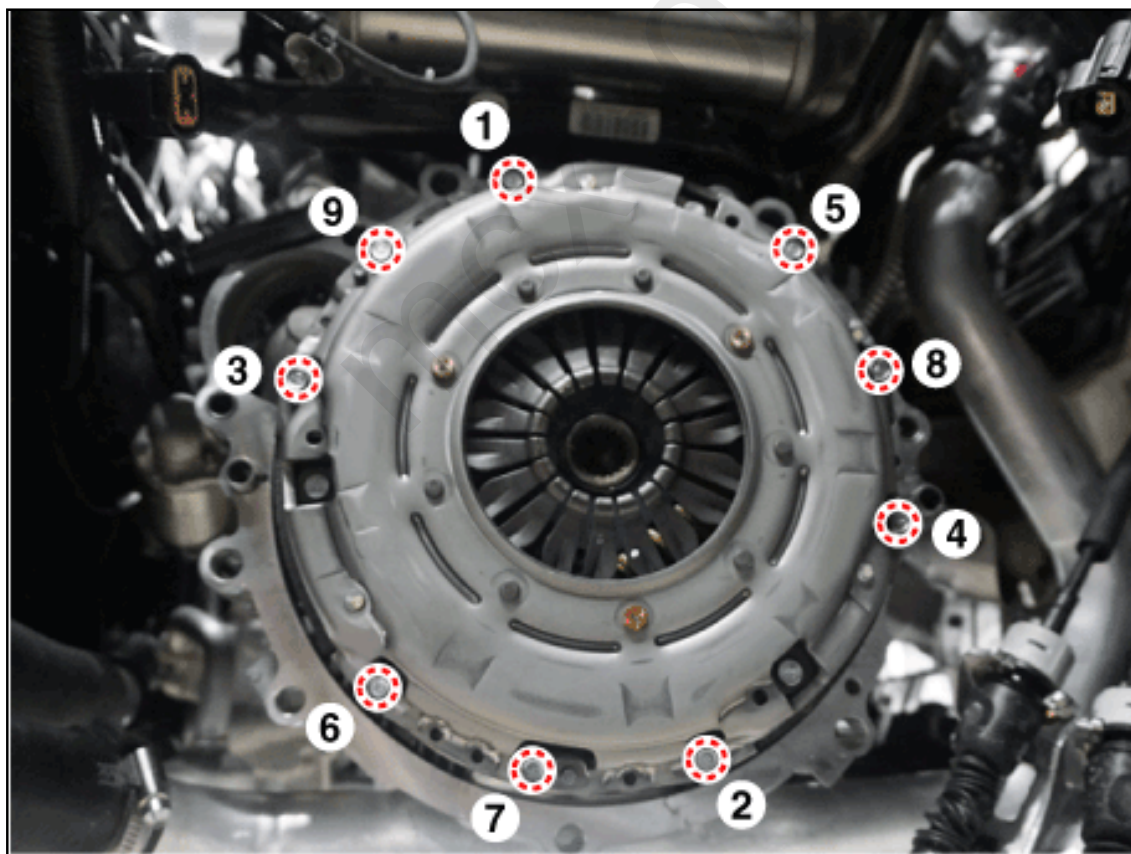
- Install the all the components with the specified torques. If not, the clutch torque transaxle may have concerns or the mounting bolt can loosen.
- When installing the clutch cover assembly, check the below fastening order for each number of bolts and tighten the bolts loosely. Then, fasten the bolts to their proper tightening torque. This can prevent twisting and vibration of the cover, and the lifting of the pressure plate.

— Fastening order for each number of bolts for installing the clutch cover assembly

[Gasoline 1.6 T-GDI]



[Gasoline 2.0 MPI / Diesel 1.6 TCI]



5. Remove the clutch disc guide SST (No.: 09411-1P000).



6. Install the transaxle assembly.

(Refer to In case by Gasoline 1.6 T-GDI System - "Manual Transaxle")

(Refer to In case by Diesel 1.6 TCI System - "Manual Transaxle")

(Refer to In case by Gasoline 2.0 MPI System - "Manual Transaxle")

(Refer to In case by Gasoline 1.6 T-GDI System - "Intelligent Manual Transaxle")

(Refer to In case by Diesel 1.6 TCI System - "Intelligent Manual Transaxle")