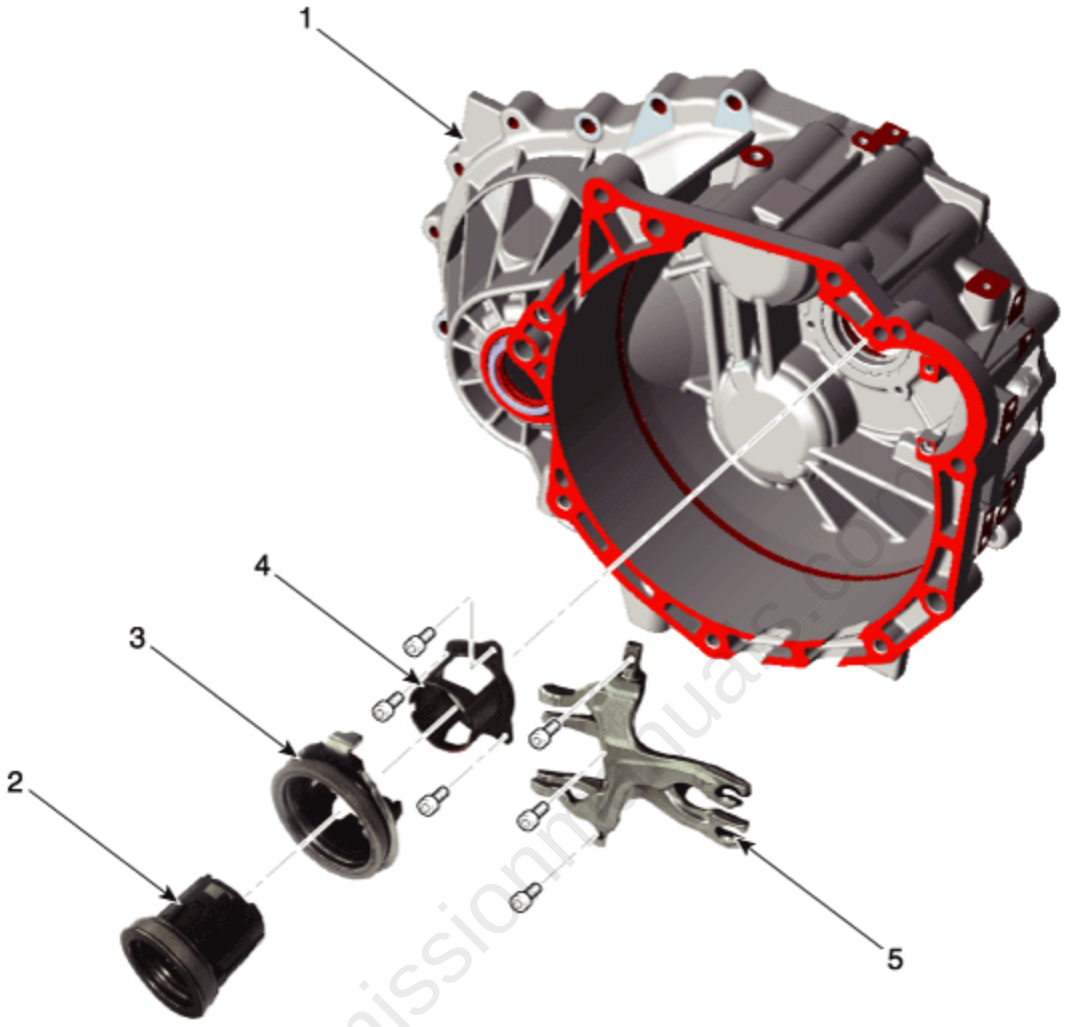
Dual Clutch System / Clutch Engagement Fork and Engagement Bearing

transmissionmanuals.com

Components and components location

Components



1. Clutch housing
2. Engagement bearing 2 (Even)
3. Engagement bearing 1 (Odd)
4. Engagement bearing sleeve
5. Clutch engagement fork

Video Clip

Clutch Engagement Fork and Engagement Bearing Remove05:06 Clutch

Engagement Fork and Engagement Bearing Install05:06

Removal

(Refer to the video clip)

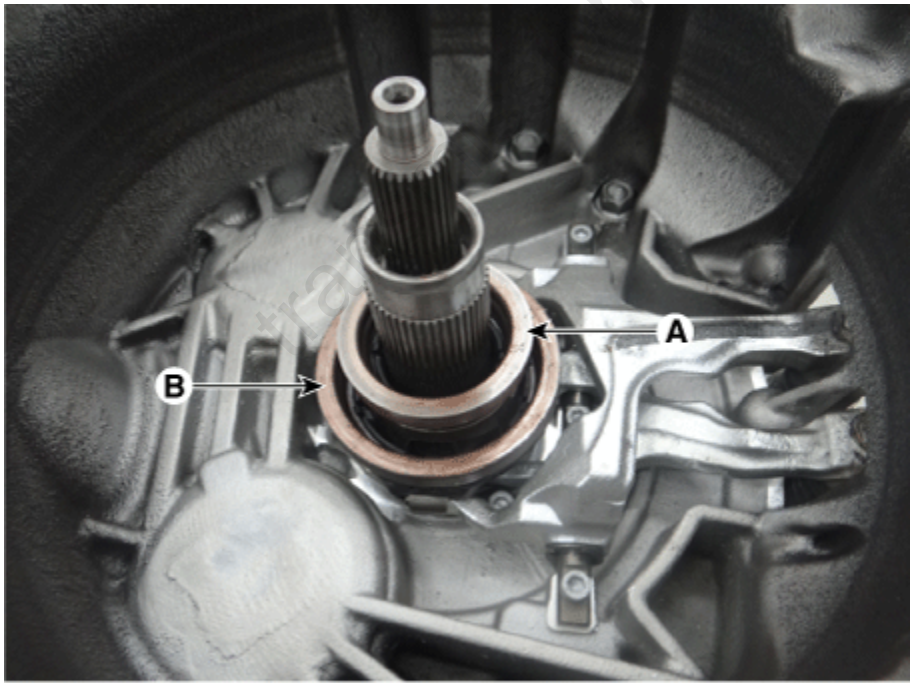
1. Remove the dual clutch transmission from the vehicle.

   (Refer to DCT System - "DCT")

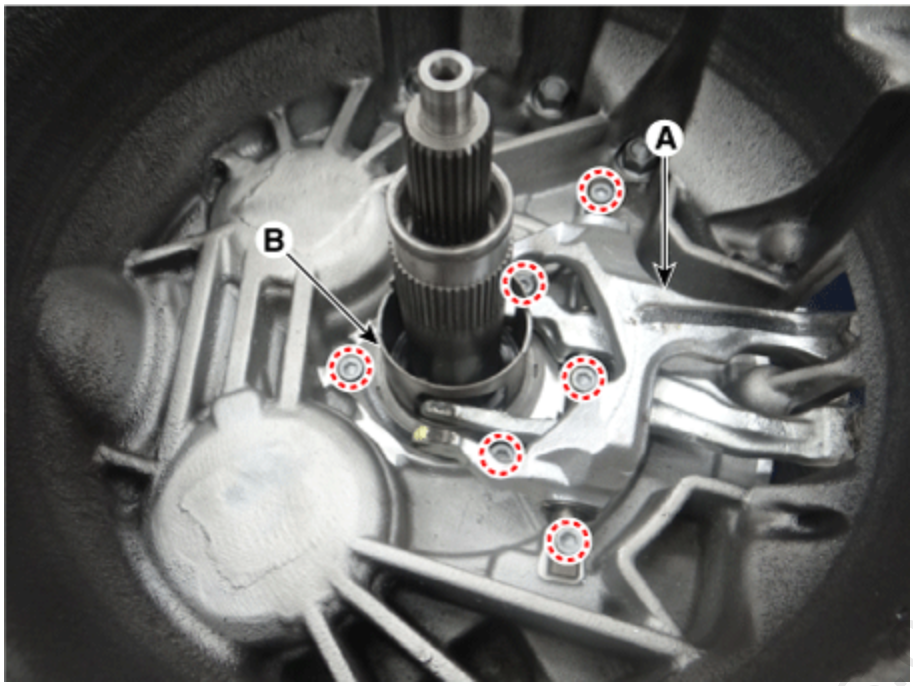
2. Remove the dual clutch assembly.

   (Refer to Dual Clutch System - "Dual Clutch Assembly")

3. Remove the clutch engagement bearing 1 (B) and 2 (A).



4. Remove the clutch engagement fork (A) and engagement bearing sleeve (B).

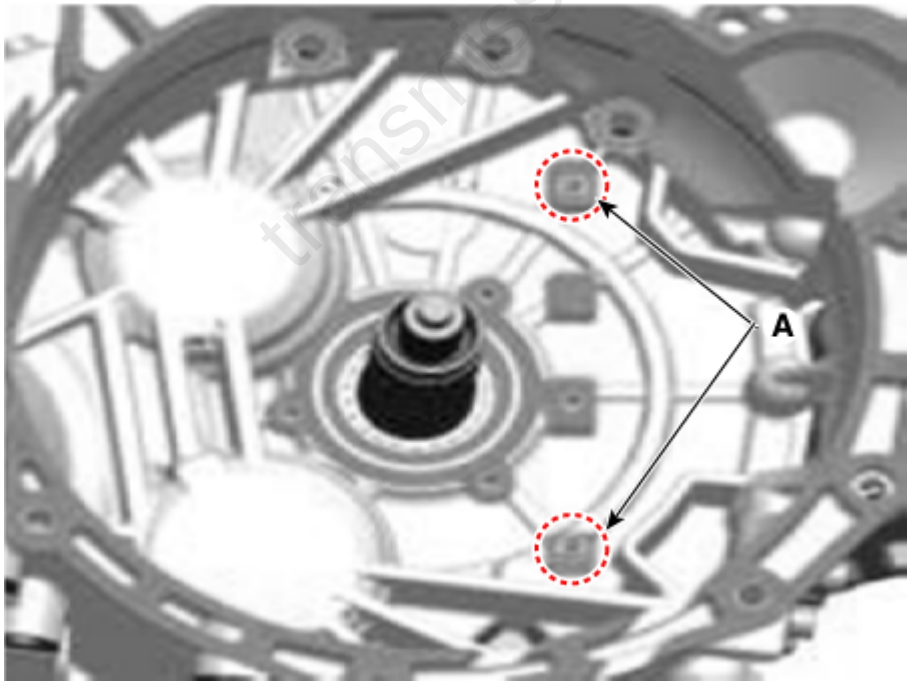


Installation

(Refer to the video clip)

NOTICE

Check the assembled state of the dowel pins (A).

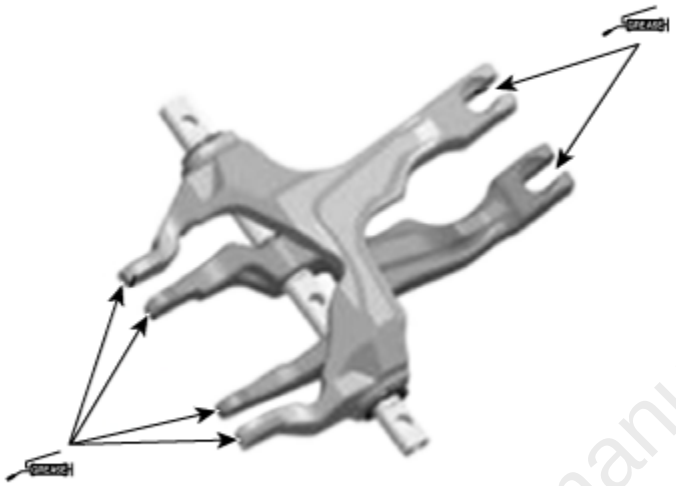


transmissionmanuals.com

1. Apply the grease on end part of fork.

   Specified grease : Extreme pressure grease for vehicle

   Quantity : 0.1 - 0.2 g

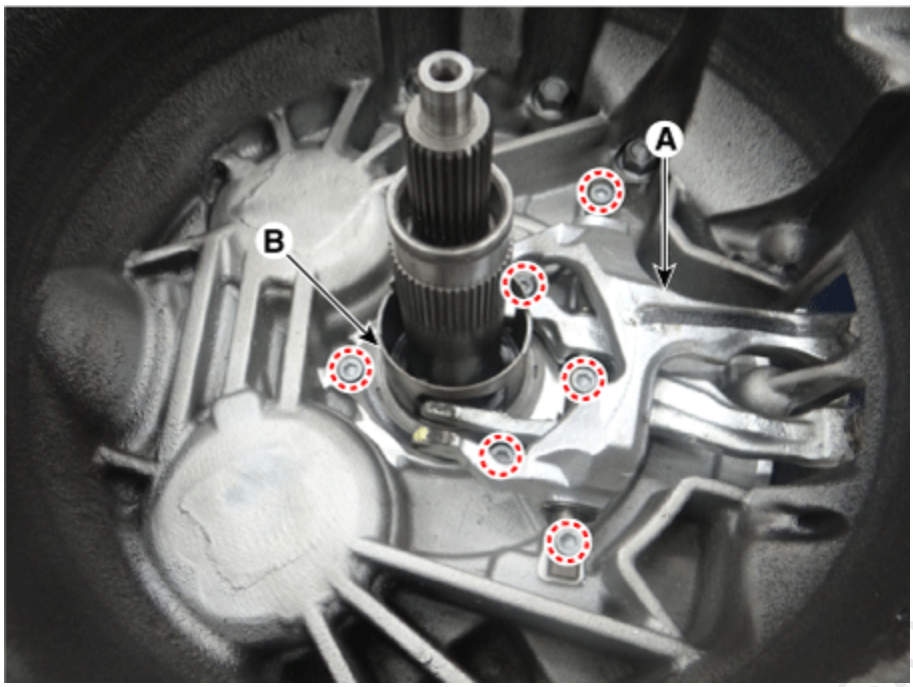


2. Install the clutch engagement fork (A) and the bearing sleeve (B) together.

   Tightening torque :

   9.8 - 11.8 N·m (1.0 - 1.2 kgf·m, 7.2 - 8.7 lb·ft)

transmissionmanuals.com

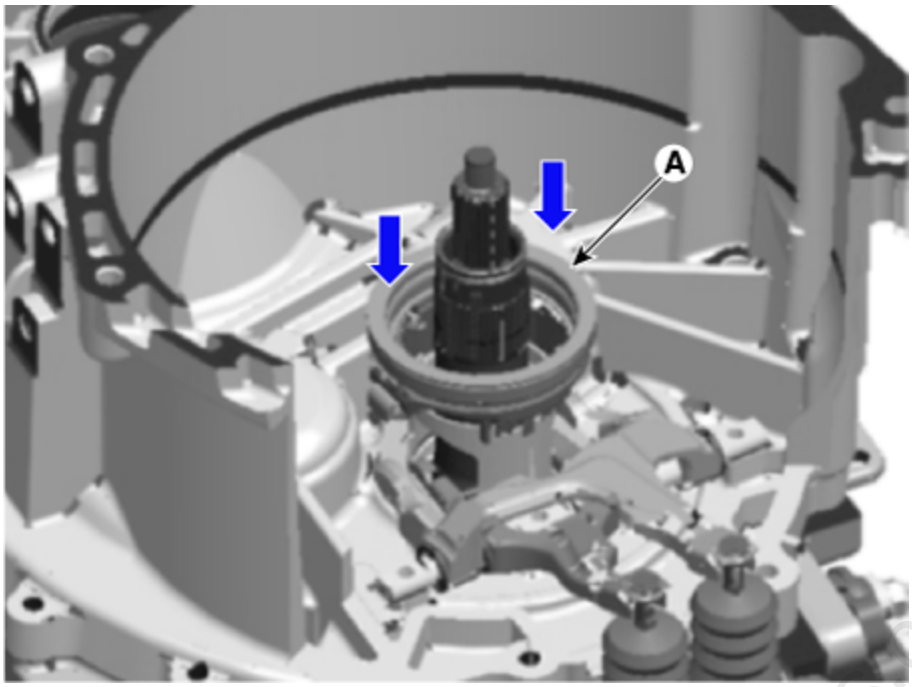


NOTICE

- Precisely install the shaft clutch engagement fork to the dowel pin.
- Pretighten each bolt, and then fully tighten the bolts to the specified torque.

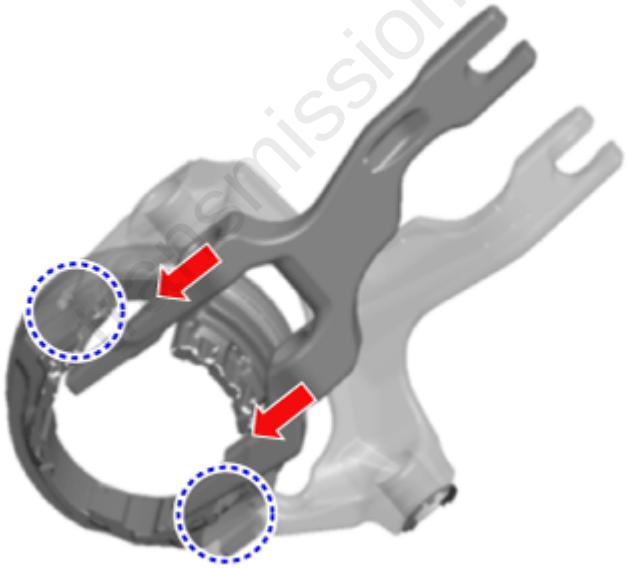
3. Install the engagement bearing 1 (A).

transmissionmanuals.com



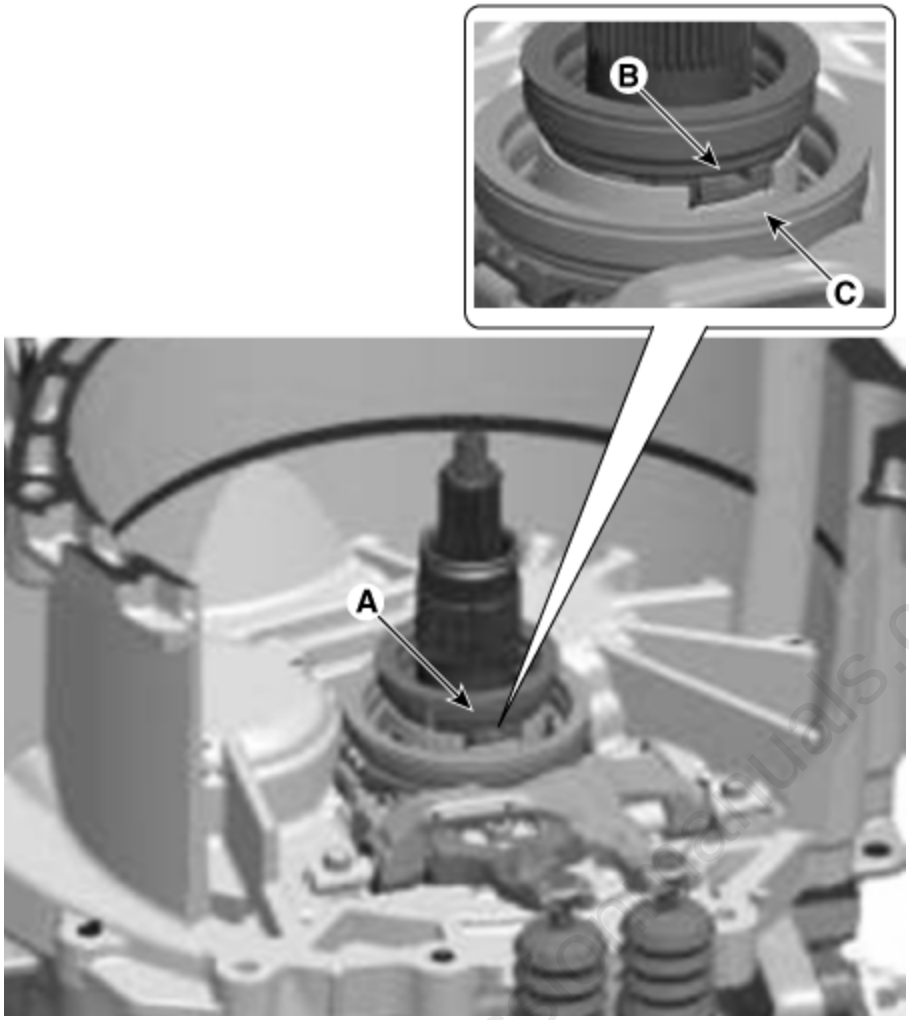
NOTICE

Align the bearing plastic guide and the clutch engagement fork 1.



4. Install the engagement bearing 2 (A).

transmissionmanuals.com



NOTICE

Check that the bearing plastic stopper (B) is seated in the sleeve (C).

5. Install the dual clutch assembly.

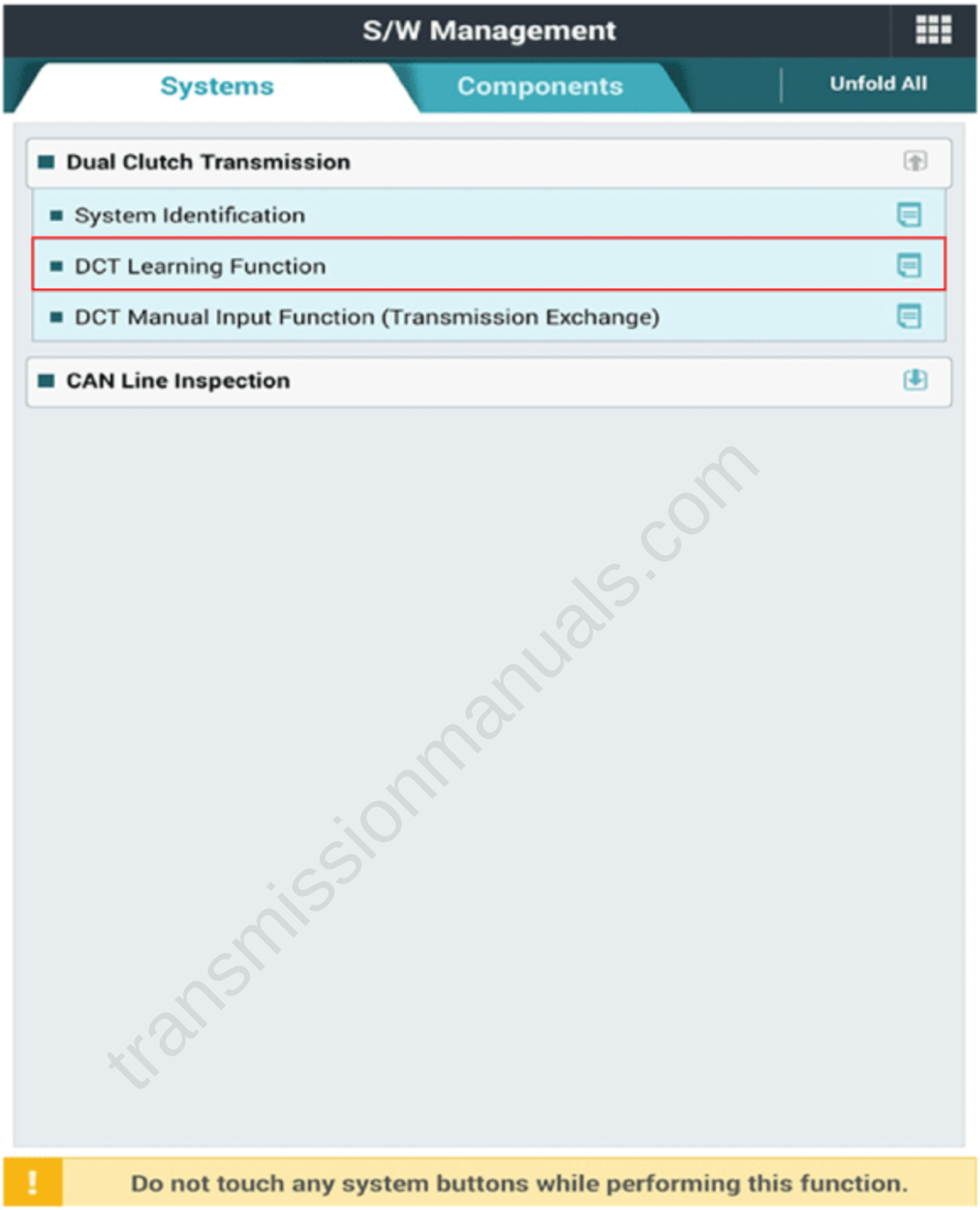
   (Refer to Dual Clutch System - "Dual Clutch Assembly")

6. Install the dual clutch transmission to vehicle.

   (Refer to DCT System - "DCT")

7. Perform the clutch touch point learning procedure using the KDS.

transmissionmanuals.com



transmissionmanuals.com

Dual Clutch Assembly

Components and components location Components 1. Retaining ring 2. Spline hub 3. Snap ring 4. Dual clutch assembly Video Clip Dua ...

Driveshaft and axle

Service data Service Data Engine T/M Joint type Max. permissible angle Outer Inner Outer ...

Other information:

Kia Forte 2019-2023 (BD) Owners Manual: Wireless smart phone charging system

The wireless smart phone charging system is located in front of the center console. Firmly close all doors, and turn the ignition to ACC or IGN ON. To start wireless charging, place the smart phone equipped with wireless charging function on the wireless charging pad. For best wire ...

Kia Forte 2019-2023 (BD) Owners Manual: LCD Modes (For type B, C cluster)

(1) Trip Computer mode This mode displays driving information like the tripmeter, fuel economy, and so on. ❋ For more details, refer to “Trip Computer” in this chapter. (2) Turn By Turn mode(if equipped) This mode displays “turn by turn” instructions from the navigation syst ...

transmissionmanuals.com