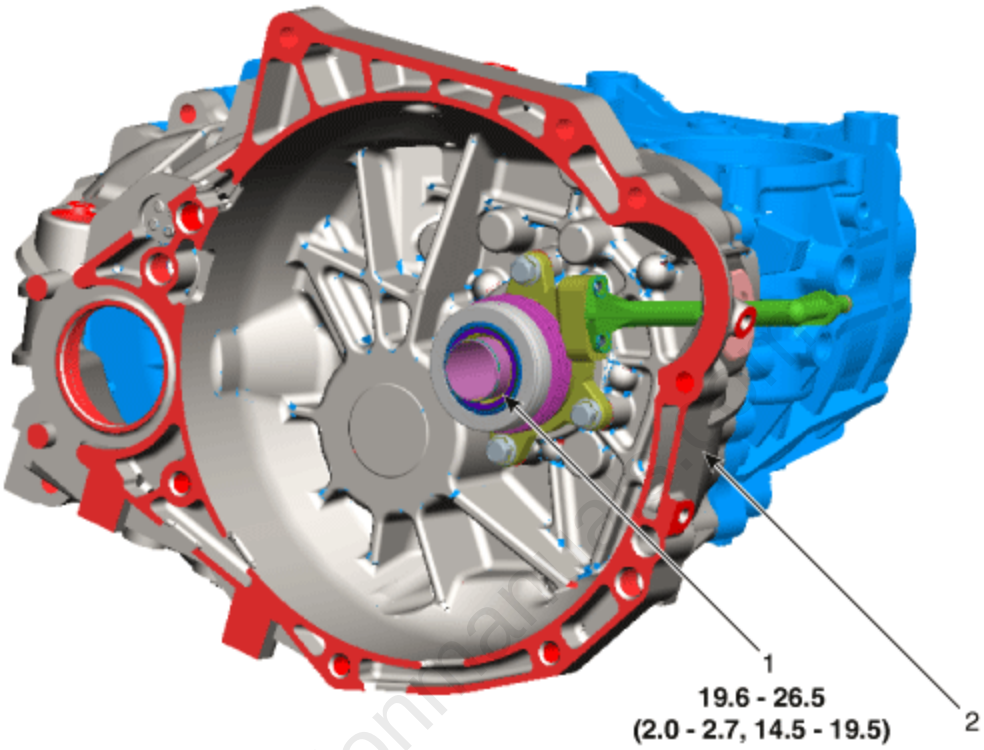
Clutch System / Concentric Slave Cylinder Assembly

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Components and components location

Components

[Gasoline 1.6 / Diesel 1.6 / Gasoline 1.6 T-GDI]



Tightening torque : N·m (kgf·m, lb·ft)

1. Concentric Slave Cylinder assembly
2. Manual transaxle case

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Repair procedures

Removal

[Gasoline 1.6 / Diesel 1.6 / Gasoline 1.6 T-GDI]

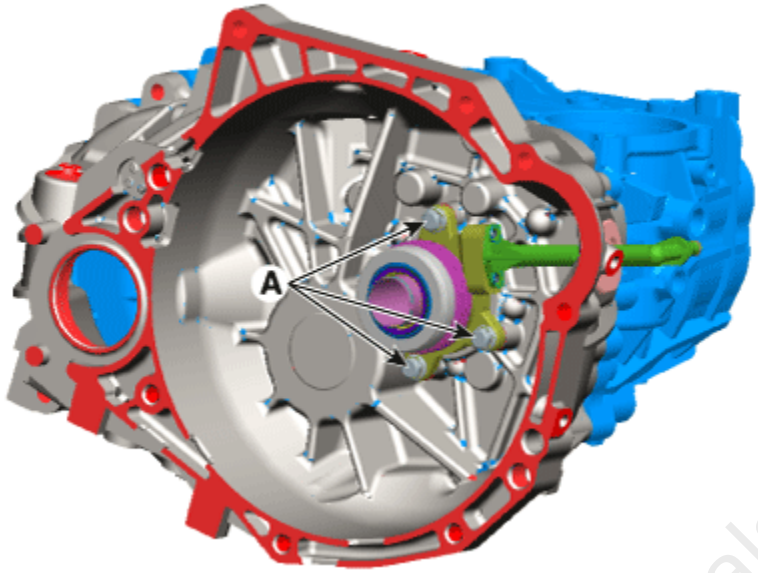
1. Remove the manual trasaxle assembly.

   G 1.6 MPI (Refer to Manual Transaxle System - "Manual Transaxle")

   D 1.6 TCI-NEW-U (Refer to Manual Transaxle System - "Manual Transaxle")

   G 1.6 T-GDI GAMMA (Refer to Manual Transaxle System - "Manual Transaxle")

2. Remove the concentric slave cylinder assembly from the transaxle case by removing bolts (A).



Installation

[Gasoline 1.6 / Diesel 1.6 / Gasoline 1.6 T-GDI]

- Install the concentric slave cylinder bolts (3-ea). Not to be bent or twisted, Tighten them in diagonal directions.
- When it is assembled, it must be free from invasive foreign matters and oil leakage.
- Do not allow grease or oil to contaminate bearing and operating parts of concentric slave cylinder.

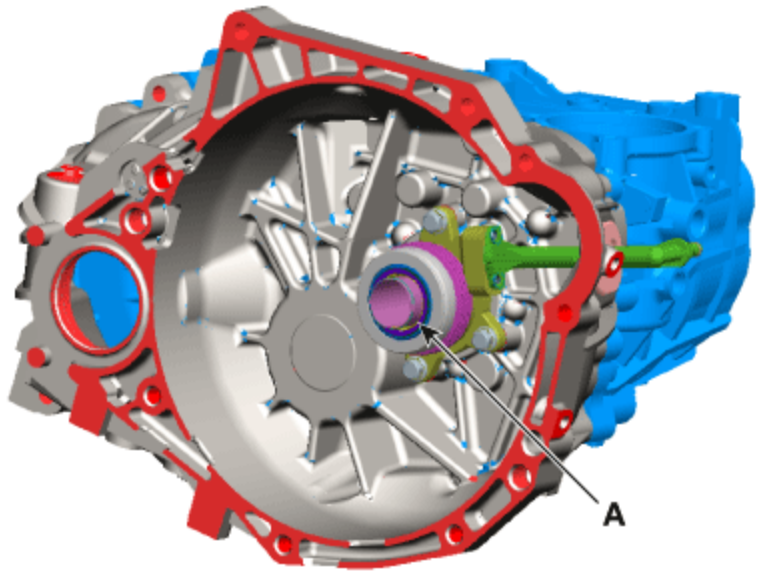
  (Noise / wear due to abnormal slip during operation)

1. Install the concentric slave cylinder (A).

   Tightening torque:

   19.6 - 26.5 N·m (2.0 - 2.7 kgf·m, 14.5 - 19.5 lb·ft)

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2. Install the manual trasaxle assembly.

   G 1.6 MPI (Refer to Manual Transaxle System - "Manual Transaxle")

   D 1.6 TCI-NEW-U (Refer to Manual Transaxle System - "Manual Transaxle")

   G 1.6 T-GDI GAMMA (Refer to Manual Transaxle System - "Manual Transaxle")

3. Perform bleeding air procedure in concentric slave cylinder after pouring the brake fluid.

   (Refer to Concentric Slave Cylinder Assembly - "Adjustment") [Gasoline 1.6 / Diesel 1.6 / Gasoline 1.6 T-GDI]

Adjustment

[Gasoline 1.6 / Diesel 1.6 / Gasoline 1.6 T-GDI]

1. After disconnecting a cap from the concentric slave cylinder air bleeder, insert a vinyl hose in the plug.

2. Refill the reservoir tank with the specified fluid.

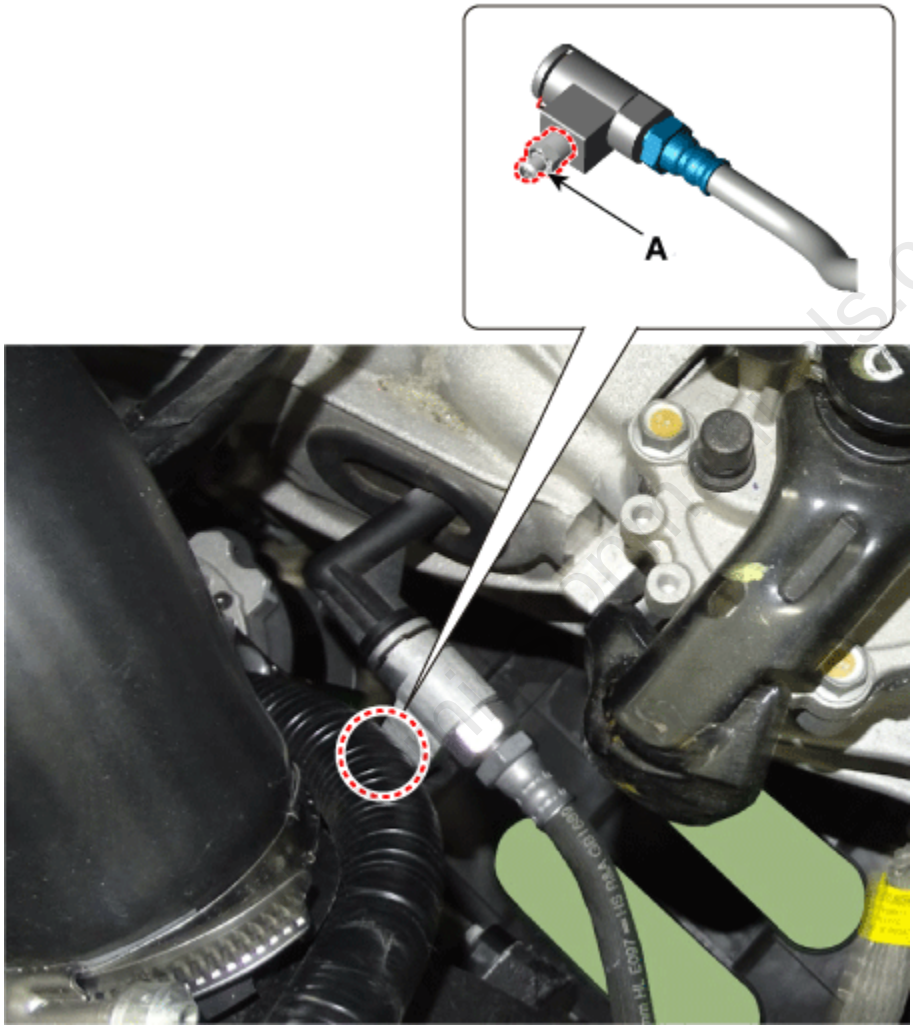
> **NOTICE**
>
> Use the specified fluid. Avoid mixing different brands of fluid.

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Specified fluid : SAE J1703 (DOT 3 or DOT 4)

3. Pump the clutch pedal about 10 times.

4. Loosen the air bleed screw (A) at hold down the clutch pedal to allow air to escape from the clutch system. Then tighten the air bleed screw.



5. Repeat the step 2 - 4 until there is no bubble in the fluid.

Clutch Release Fork and Clutch Release Bearing
Components and components location Components [Gasoline 2.0] 1. Clutch release fork 2. Clutch cover assembly 3. Clutch disk assembly 4. Clutch r ...

Manual Transaxle System
Service data Service Data Transaxle model M6CF3-1 Engine type Gamma 1.6 T-GDI Gear ratio 1st ...

Other information:

Kia Forte 2019-2023 (BD) Service Manual: Front Door Module

Components and components location Component Location 1. Front door module Repair procedures Replacement 1. Remove the front door window glass. (Refer to Front Door - "Front Door Window Glass") ...

Kia Forte 2019-2023 (BD) Service Manual: Radiator Grill

Components and components location Component Location 1. Radiator grill Repair procedures Replacement Put on gloves to prevent hand injuries. ...

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