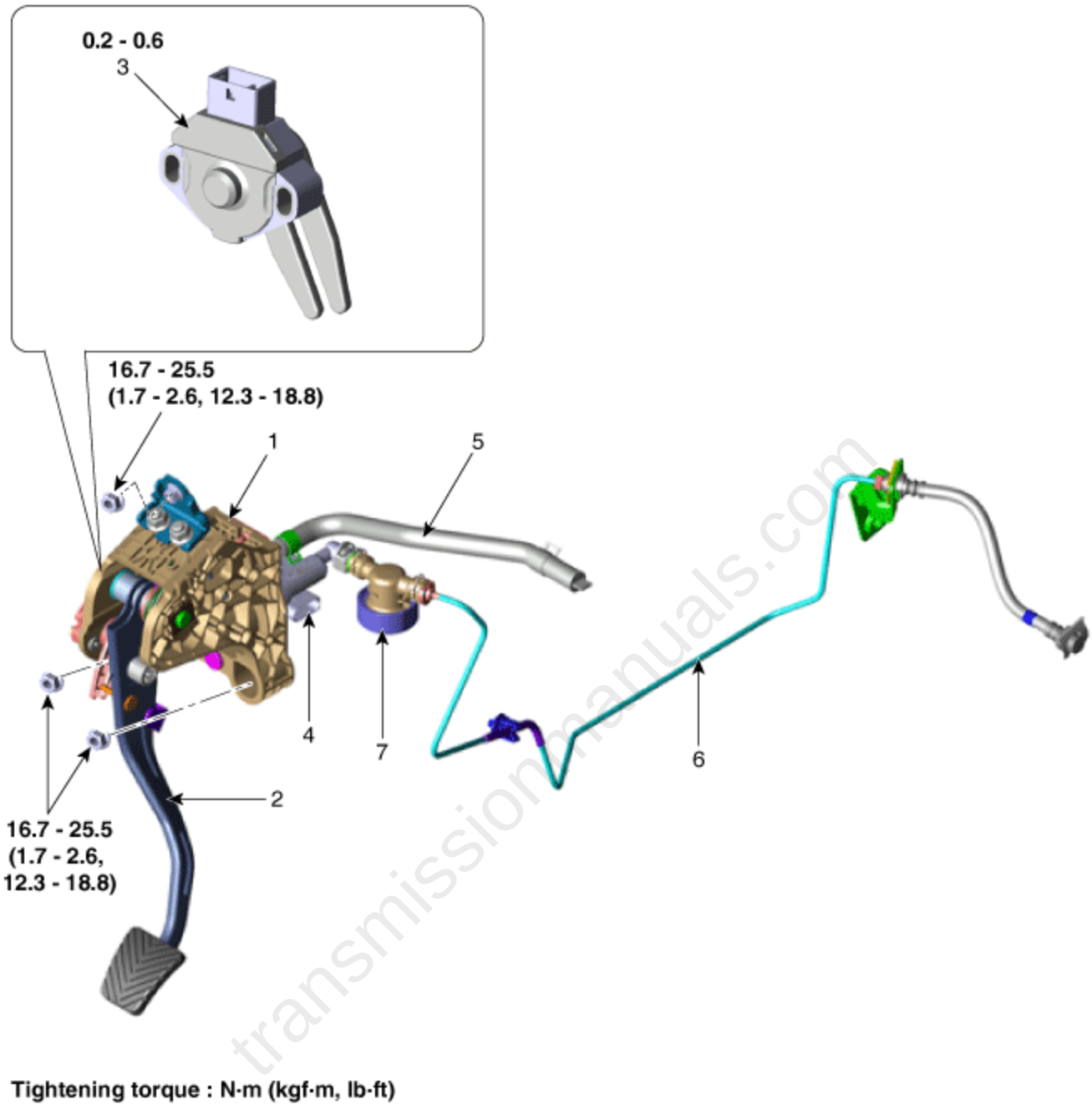
Clutch System / Clutch Regulator

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Components and components location

Componets

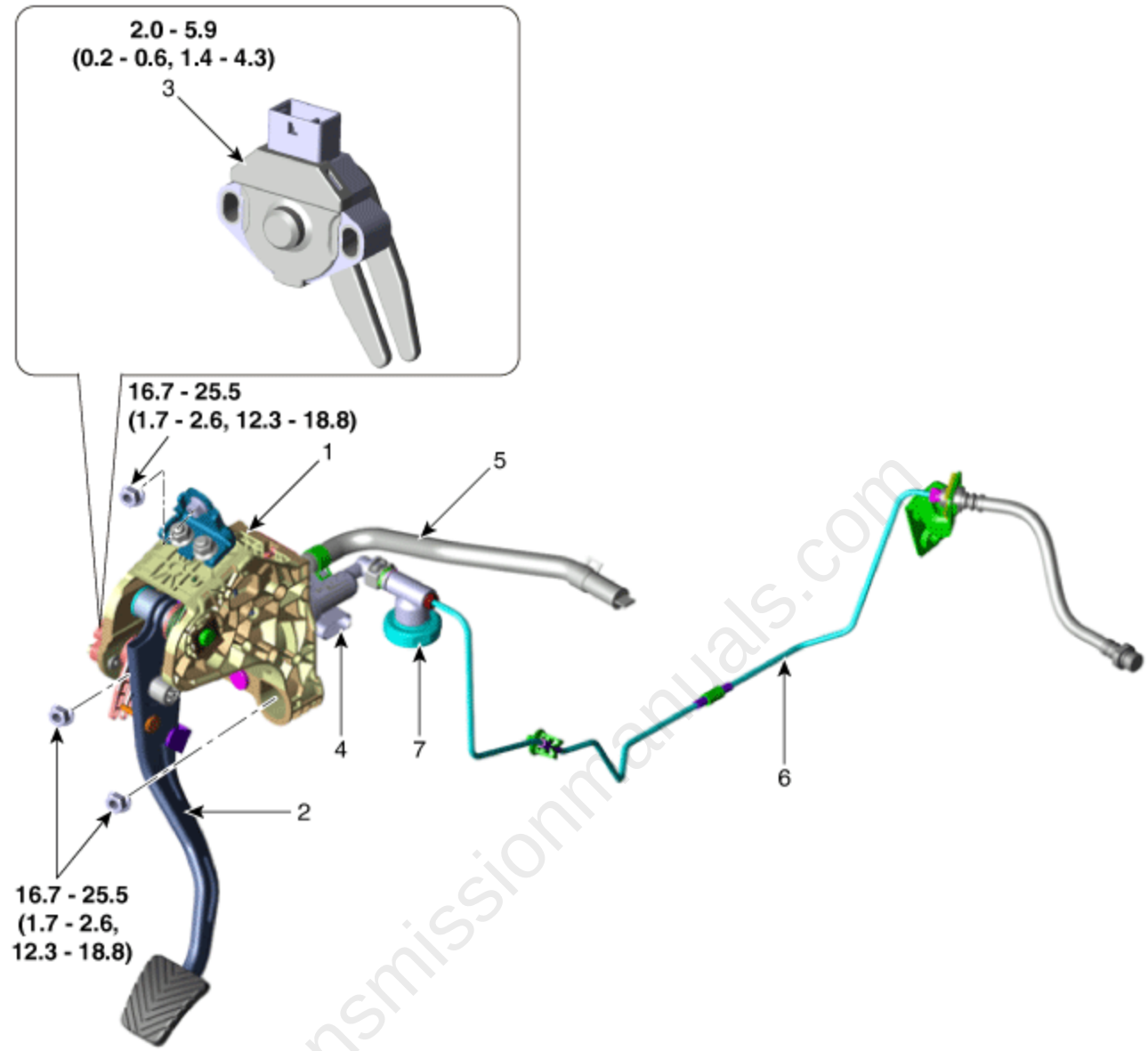
[Gasoline 2.0]



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

1. Clutch pedal assembly
2. Clutch pedal arm
3. Ignition lock & Clutch switch
4. Clutch master cylinder
5. Reservoir hose
6. Clutch tube
7. Clutch regulator

[Diesel 1.6 / Gasoline 1.6 T-GDI]



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

1. Clutch pedal assembly
2. Clutch pedal arm
3. Ignition lock & Clutch switch
4. Clutch master cylinder
5. Reservoir hose
6. Clutch tube
7. Clutch regulator

Repair procedures

Removal

[Gasoline 2.0]

1. Turn ignition switch OFF and disconnect the negative (-) battery cable.

2. Remove the air cleaner assembly and air duct.

   G 2.0 MPI (Refer to Engine Mechanical System - "Air Cleaner")

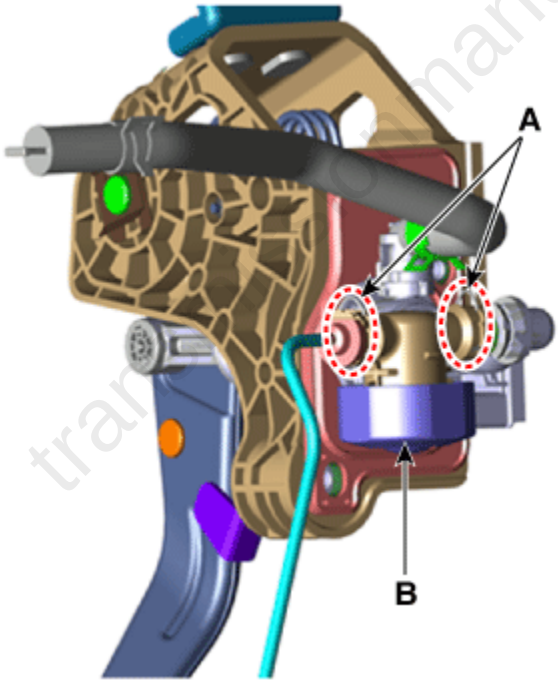
3. Remove the battery and battery tray.

   G 2.0 MPI (Refer to Engine Electrical System - "Battery")

4. Remove the engine control module (ECM).

   G 2.0 MPI (Refer to Engine Control / Fuel System - "Engine Control Module (ECM)")

5. Remove the regulator (B) after removing the snap pins (A).



[Diesel 1.6 / Gasoline 1.6 T-GDI]

1. Turn ignition switch OFF and disconnect the negative (-) battery cable.

2. Remove the air cleaner assembly and air duct.

D 1.6 TCI-NEW-U (Refer to Engine Mechanical System - "Air Cleaner")

G 1.6 T-GDI GAMMA (Refer to Engine Mechanical System - "Air Cleaner")

3. Remove the battery and battery tray.

   D 1.6 TCI-NEW-U (Refer to Engine Electrical System - "Battery")

   G 1.6 T-GDI GAMMA (Refer to Engine Electrical System - "Battery")

4. Remove the engine control module (ECM).

   D 1.6 TCI-NEW-U (Refer to Engine Control / Fuel System - "Engine Control Module (ECM)")

   G 1.6 T-GDI GAMMA (Refer to Engine Control / Fuel System - "Engine Control Module (ECM)")

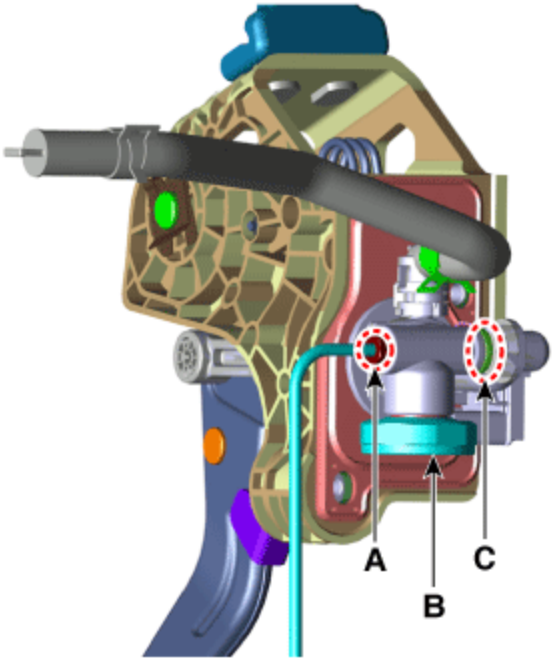
5. Remove the fuel filter. [In case of diesel vehicle]

   (Refer to Engine Control / Fuel System - "Fuel Filter")

6. Separate the clutch tube (A).

7. Remove the regulator (B) from the master cylinder after removing the snap pin (C).

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Installation

1. Install in the reverse order of removal.

2. After installing, fill reservoir with brake fluid and perform bleeding air procedure on clutch release cylinder.

   (Refer to Clutch Release Cylinder - "Adjustment") [Gasoline 2.0]

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

Clutch Master Cylinder

Components and components location Components [Gasoline 1.6] 1. Clutch pedal assembly 2. Clutch pedal arm 3. Ignition lock & Clutch switch 4 ...

Clutch Tube

Components and components location Components [Gasoline 1.6] 1. Clutch pedal assembly 2. Clutch pedal arm 3. Ignition lock & Clutch switch 4 ...

Other information:

Kia Forte 2019-2023 (BD) Service Manual: Starting System

Description and operation Description The starting system includes the battery, starter, solenoid switch, ignition switch, inhibitor switch (A/T), clutch pedal switch (M/T), ignition lock switch, connection wires and the battery cable. When the ignition key is turned to the start ...

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Kia Forte 2019-2023 (BD) Owners Manual: Drive mode integrated control system

The drive mode may be selected according to the driver's preference or road condition. The mode changes whenever the DRIVE MODE button is pressed. SMART mode : SMART mode automatically adjusts the driving mode (ECO " NORMAL " SPORT) in accordance with the driver's driving ha ...

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