# Clutch System / Clutch Pedal

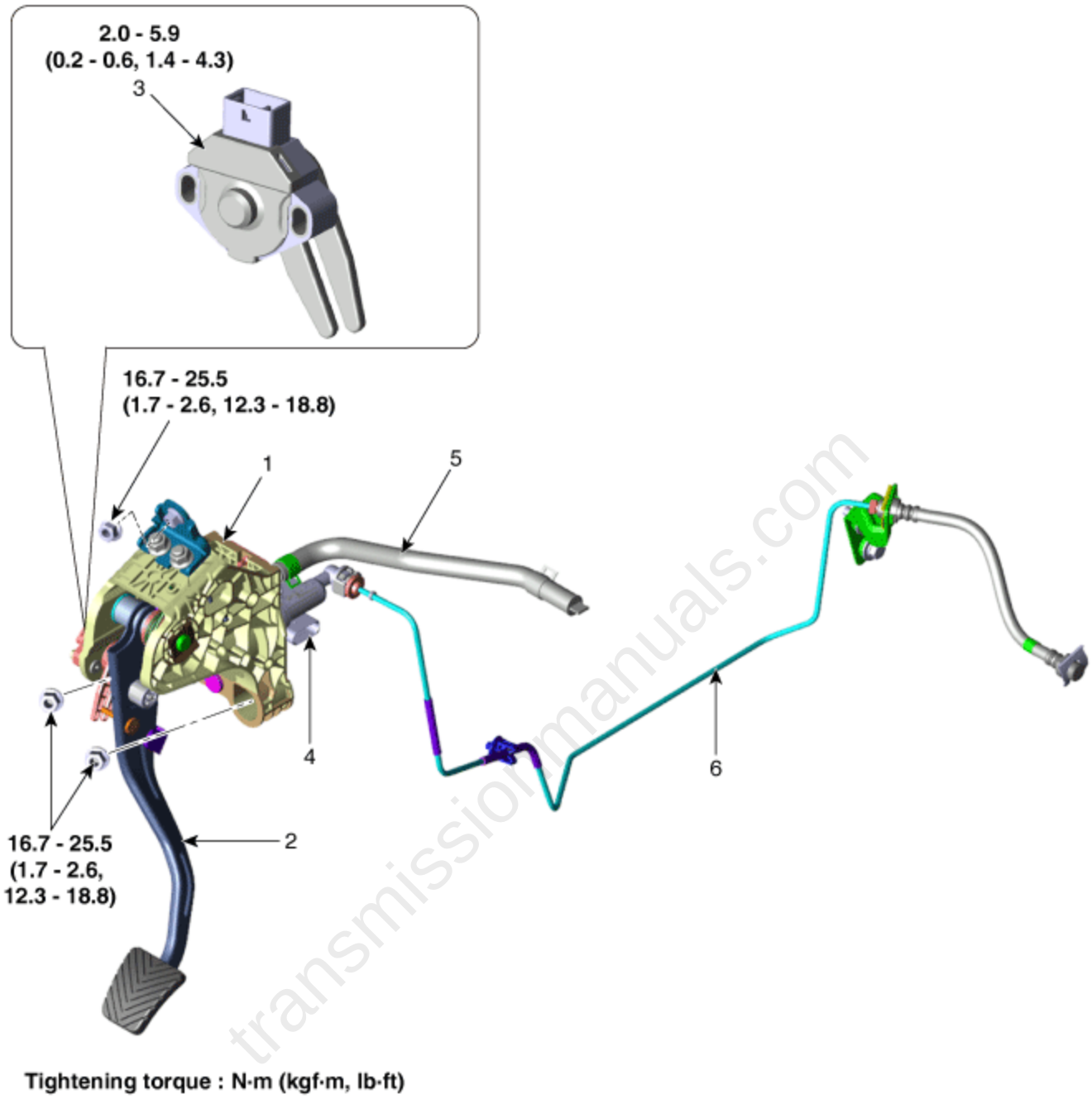


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**Components and components location**

## Components

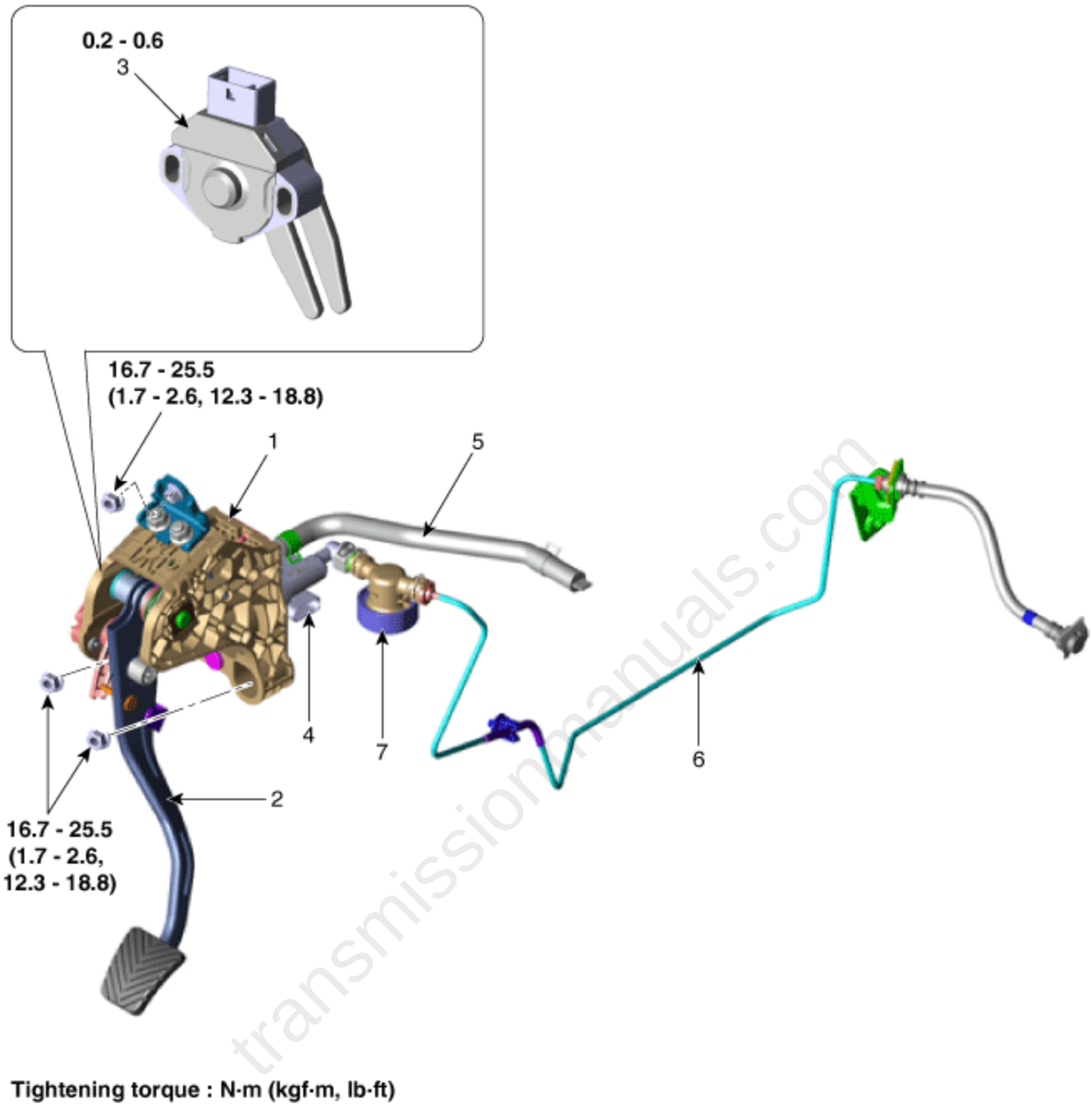
## [Gasoline 1.6]




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

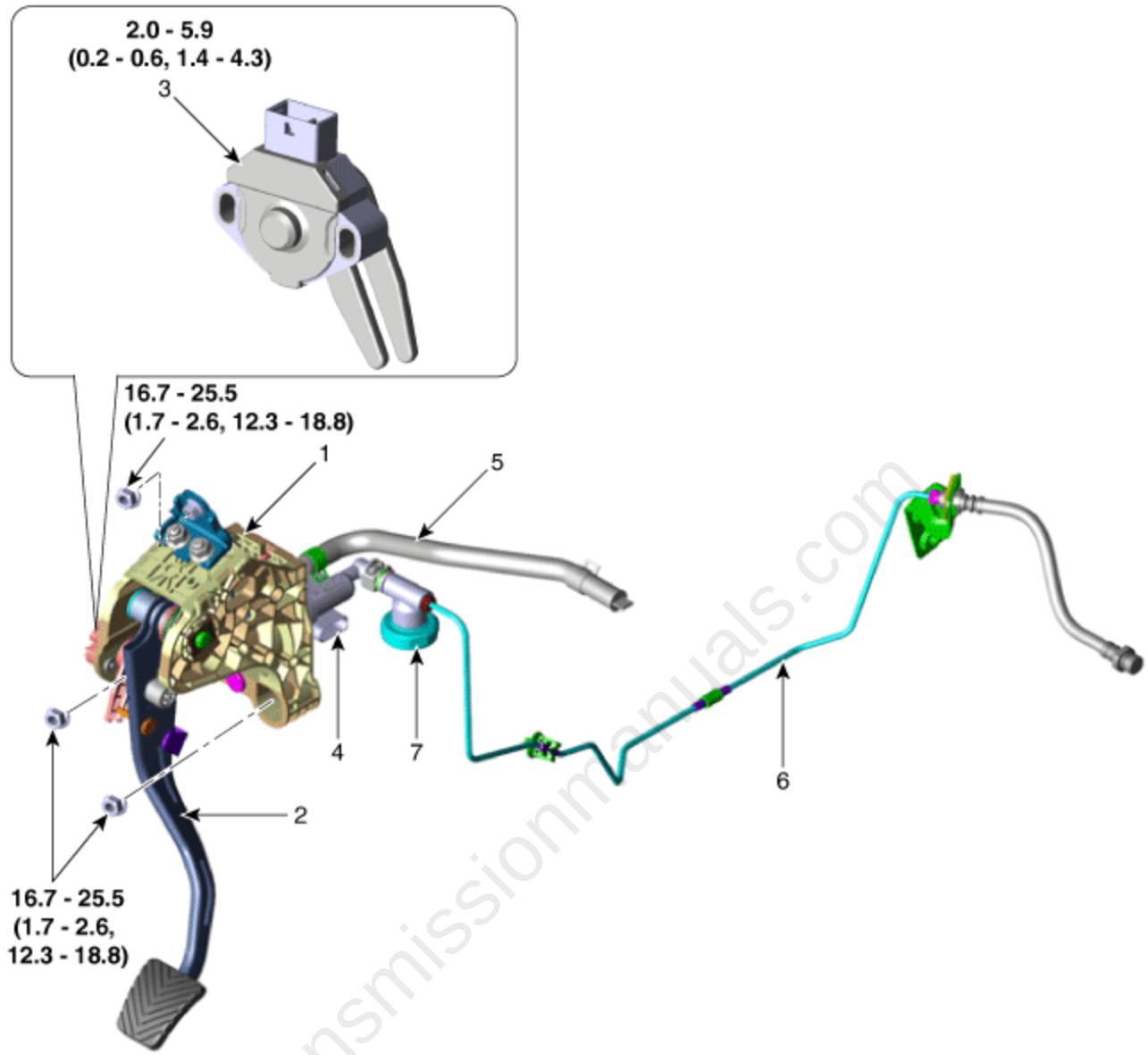
**[Gasoline 2.0]**




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

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

2. Remove the crash pad lower pannel.

   (Refer to Body - "Crash Pad Lower Panel")

3. Remove the clutch master cylinder.

   (Refer to Clutch System - "Clutch Matser Cylinder")

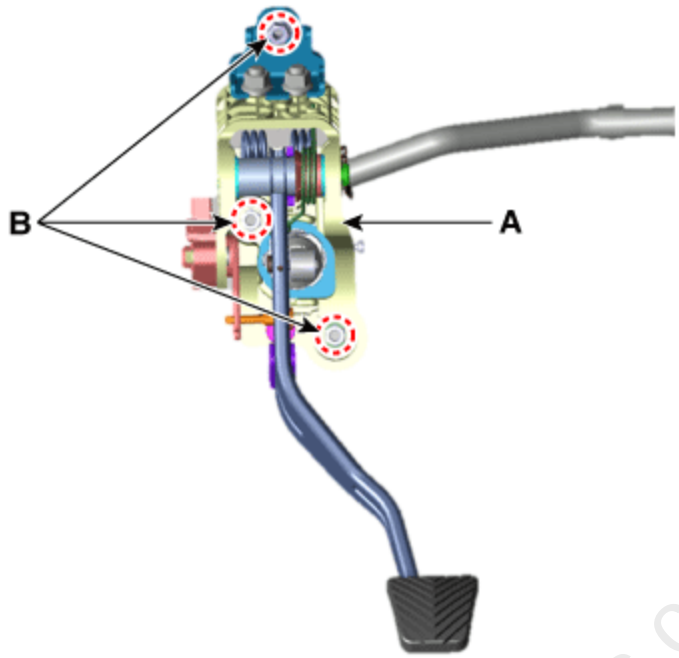
4. Disconnect the Ignition & clutch switch connector (A).




5. Remove the clutch pedal assembly (A) after loosening the mounting nuts (B).

   Tightening torque :

   16.7 - 25.5 N·m (1.7 - 2.6 kgf·m, 12.3 - 18.8 Ib·ft)




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

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

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**Clutch Switch**

Specifications Specifications Item Specifications Working voltage DC 12.5V ± 0.3V Operating force In ...

**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 ...

**Other information:**

## Kia Forte 2019-2023 (BD) Service Manual: Rear Door Side Weatherstrip

Repair procedures Replacement 1. Loosen the rear door checker (A) mounting bolt. Tightening torque : 16.7 - 21.6 N·m (1.7 - 2.2 Kgf·m, 12.3 - 15.9 lb·ft) 2. Detach the clips, remove the rear door side ...

# Kia Forte 2019-2023 (BD) Service Manual: CVVT (Continuously Variable Valve Timing) System

Description and operation Description Continuous Variable Valve Timing (CVVT) system advances or retards the valve timing of the intake and exhaust valve in accordance with the ECM control signal which is calculated by the engine speed and load. By controlling CVVT, the valve ove ...

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