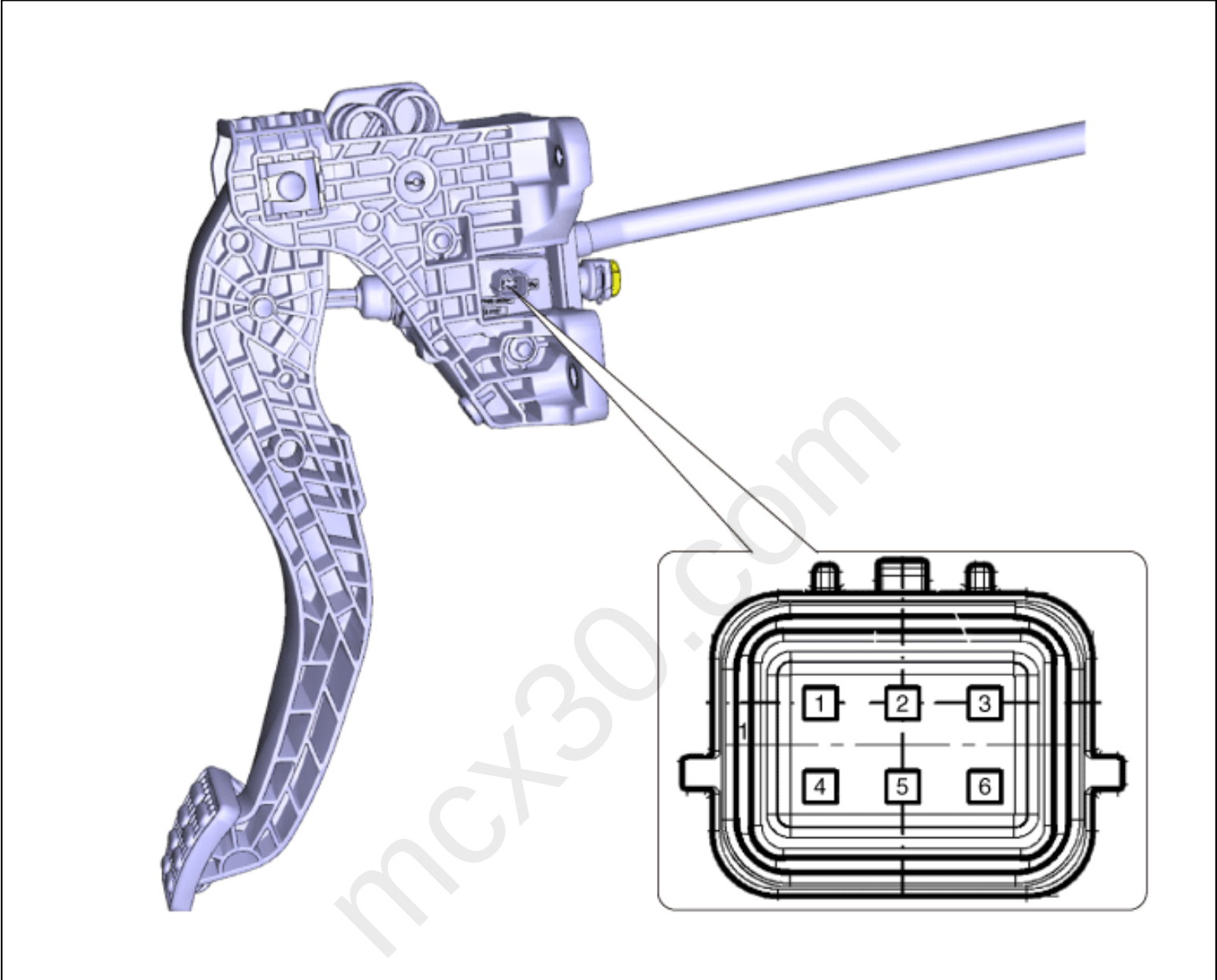


## Description

- Clutch operation is detected through clutch switch signal. This signal enables ECM to cope with instant change of load condition.
- Clutch switch signal is used to detect engaged gear with vehicle speed and engine speed.

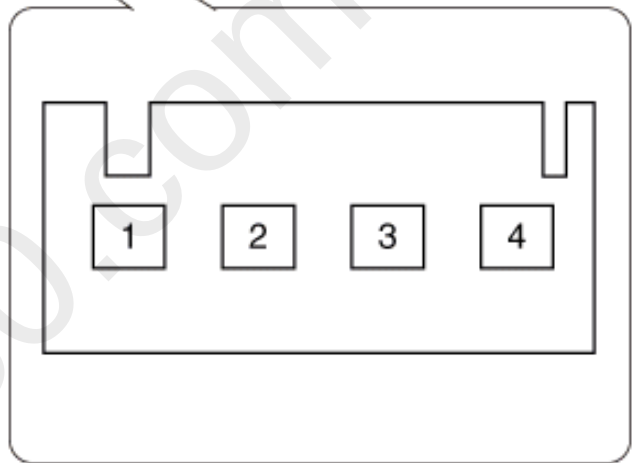
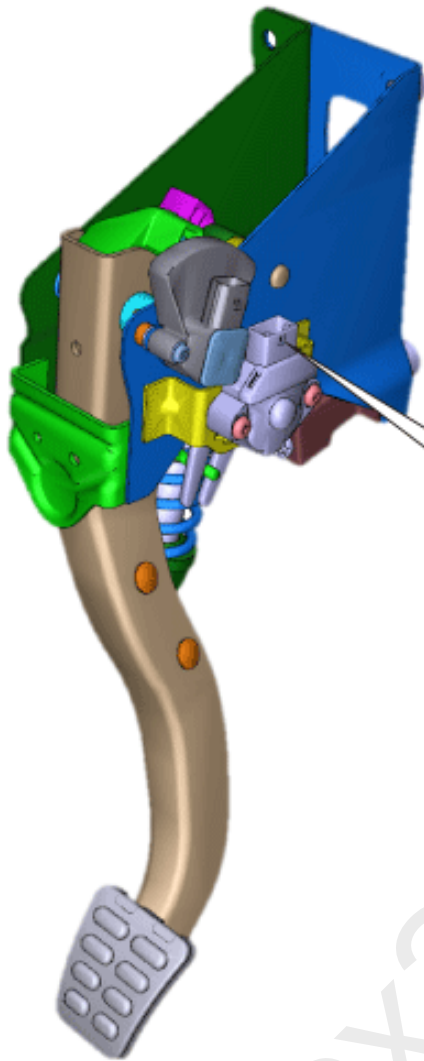
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[Manual Transaxle Type]



| Terminal | Description          |
|----------|----------------------|
| 1        | IG1                  |
| 2        | Clutch switch        |
| 3        | Ignition lock switch |
| 4        | Battery +            |
| 5        | PWM signal           |
| 6        | Ground               |

[Intelligent Manual Transaxle Type]



| Terminal | Description              |
|----------|--------------------------|
| 1        | Clutch switch (+)        |
| 2        | Ignition lock switch (+) |
| 3        | Clutch switch (-)        |
| 4        | Ignition lock switch (-) |

## Removal

### Manual Transaxle Type

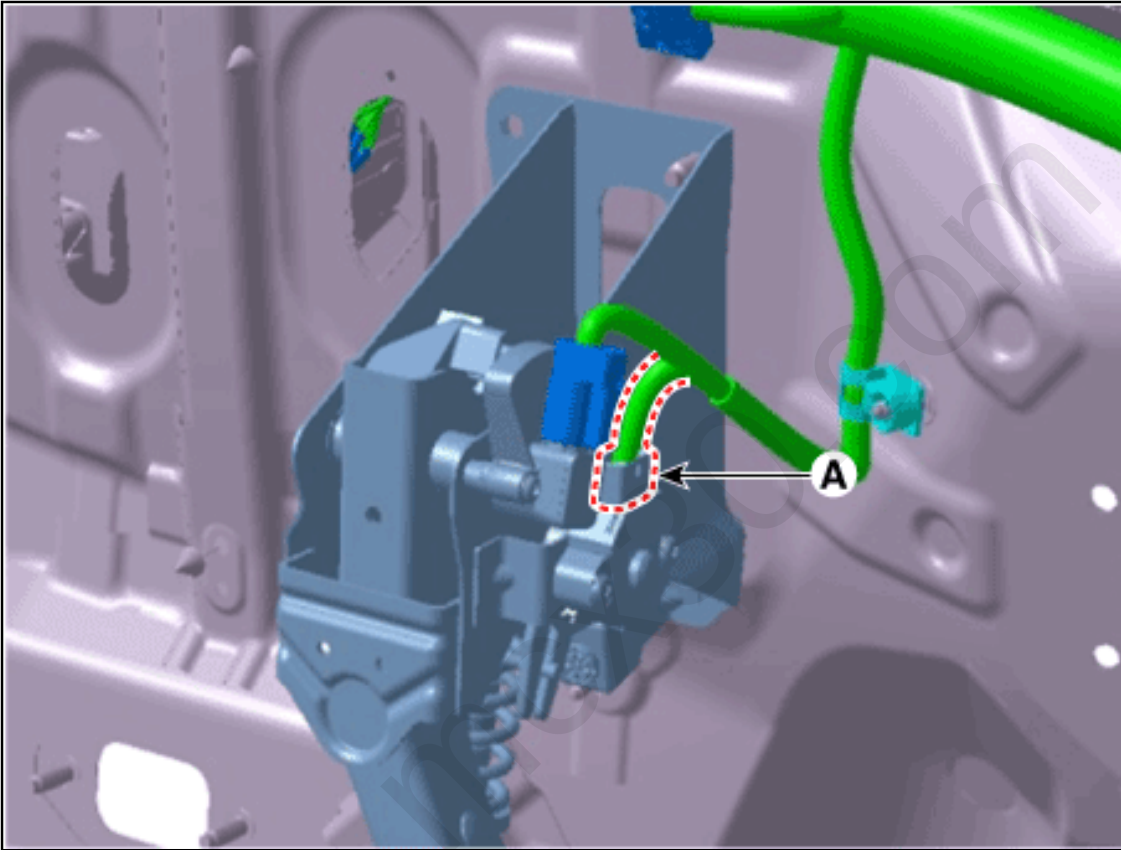


- The ignition lock & clutch switch replaces the clutch master cylinder in one piece with the clutch master cylinder.

**(Refer to Clutch System - "Clutch Master Cylinder")**

### Intelligent Manual Transaxle Type

1. Turn ignition switch OFF and disconnect the negative (-) battery cable.
2. Disconnect the ignition lock & clutch switch connector (A).



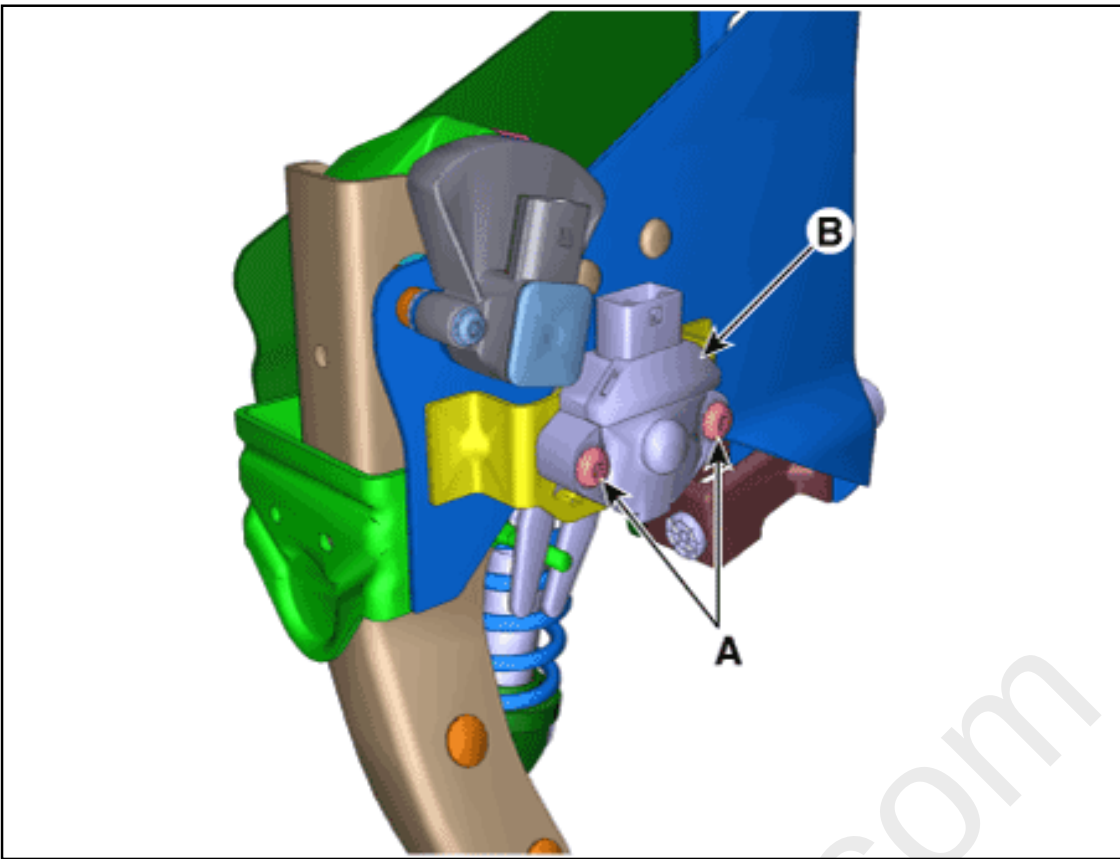
3. Loosen the bolts (A) and then removing the ignition lock & clutch switch (B).

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#### **Tightening torque :**

2.5 - 3.5 N.m (0.25 - 0.35 kgf.m, 18.1 - 25.3 lb-ft)

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## Installation

1. Install is proceeds as follows.

### ※ How to install the ignition lock & clutch switch

(A) After inserting the switch lever (A) into the clutch pedal pin (B), pre-tighten the switch mounting bolt (C).

(B) Set the clutch switches so as to confirm that the electric current is applied to the pins ② to ④.

•Set the clutch switches so as to confirm that the electric current is applied to the pins ① to ③.

(C) Fix the clutch pedal to the ignition lock switch OFF/ON strokes (F).

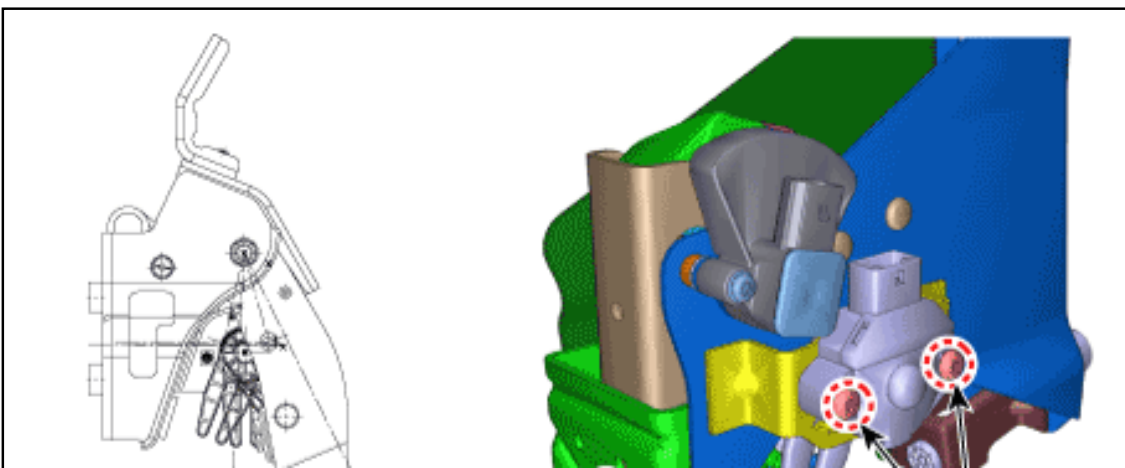
(D) With the pedal fixed, rotate the switch clockwise and counter-clockwise to set it to a position at the transition from OFF to ON. Then, tighten the mounting bolt (C) to the specified torque.

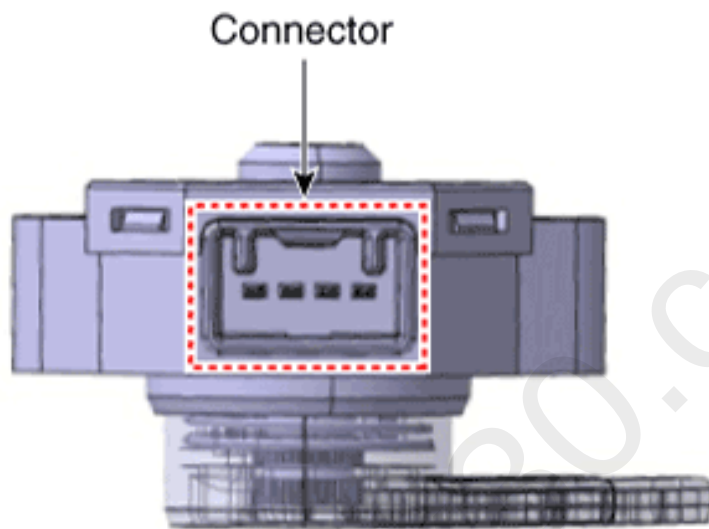
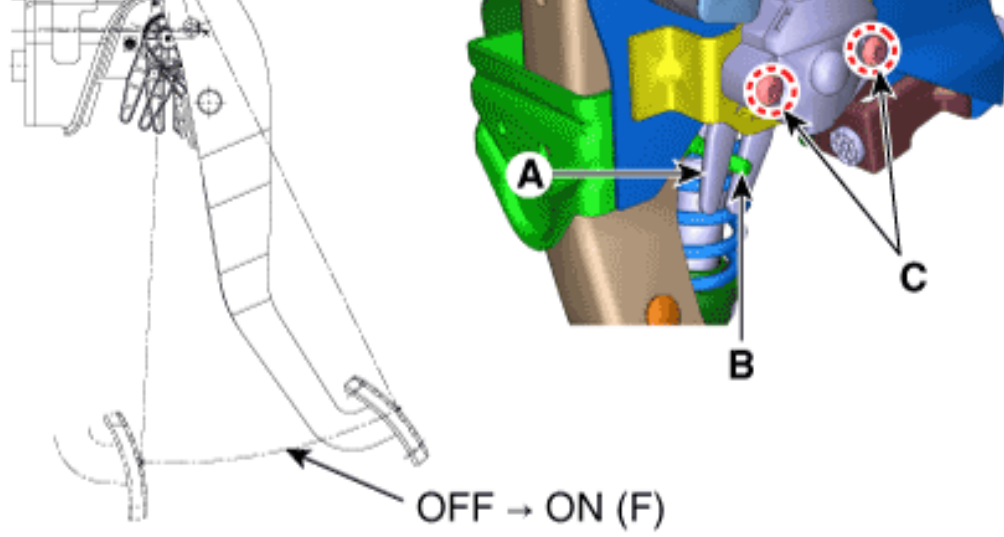
(E) Once completing the assembly, check again that the switch is correctly operating.

### Tightening torque :

Ignition lock & clutch switch mounting bolts (C): 2.5 - 3.5 N.m (0.25 - 0.35 kgf.m, 18.1 - 25.3 lb-ft)

## [Ignition lock switch]

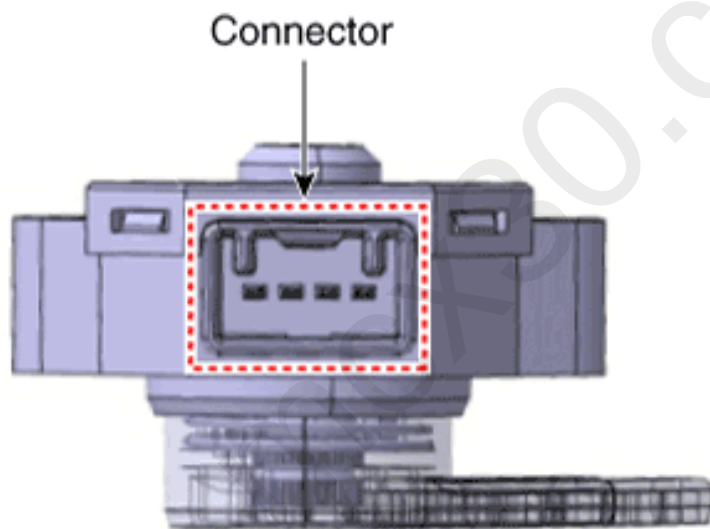
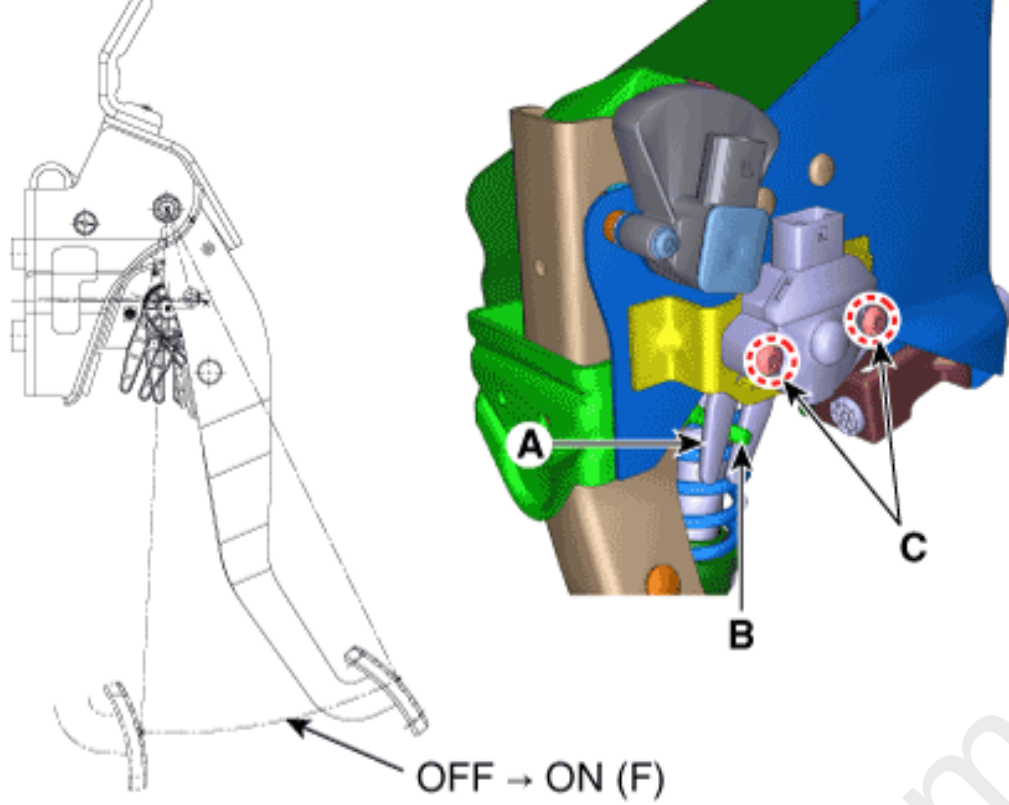




| Type                 | Item Check |
|----------------------|------------|
| Ignition lock switch |            |

[Clutch switch]





| Type          | Item Check |
|---------------|------------|
| Clutch switch |            |

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