



Inspection

1. Switch "OFF" the ignition.
2. Disconnect the HO2S connector.
3. Measure resistance between the HO2S terminals 2 and 5 [Bank 1/ Sensor1, Bank2 / Sensor1]
Measure resistance between the HO2S terminals 1 and 2 [Bank 1/ Sensor2, Bank2 / Sensor2]
4. Check that the resistance is within the specification.

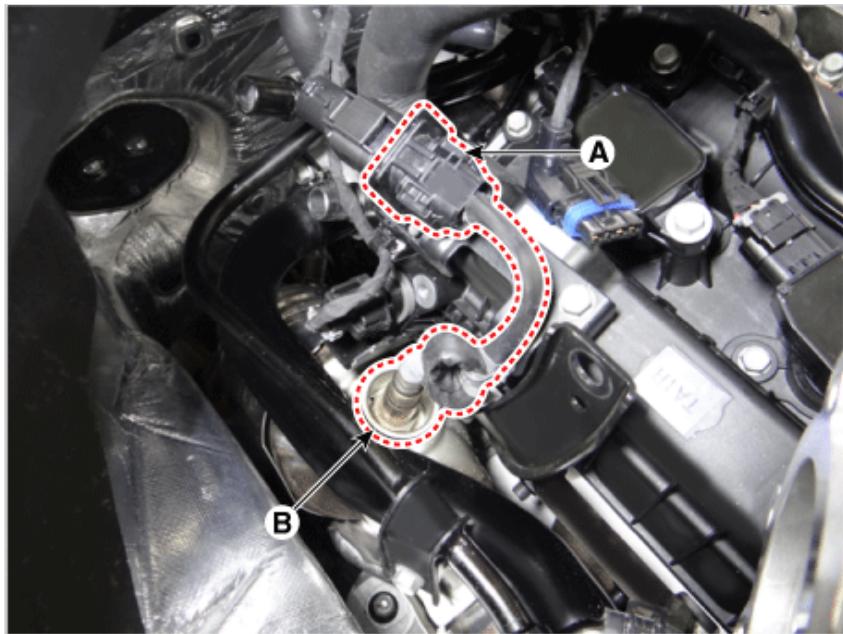
Specification:

2.4 - 4.0 Ω [20°C(68°F)] [Bank 1/ Sensor1, Bank2 / Sensor1]
3.3 - 4.1 Ω [20°C(68°F)] [Bank 1/ Sensor2, Bank2 / Sensor2]

Removal

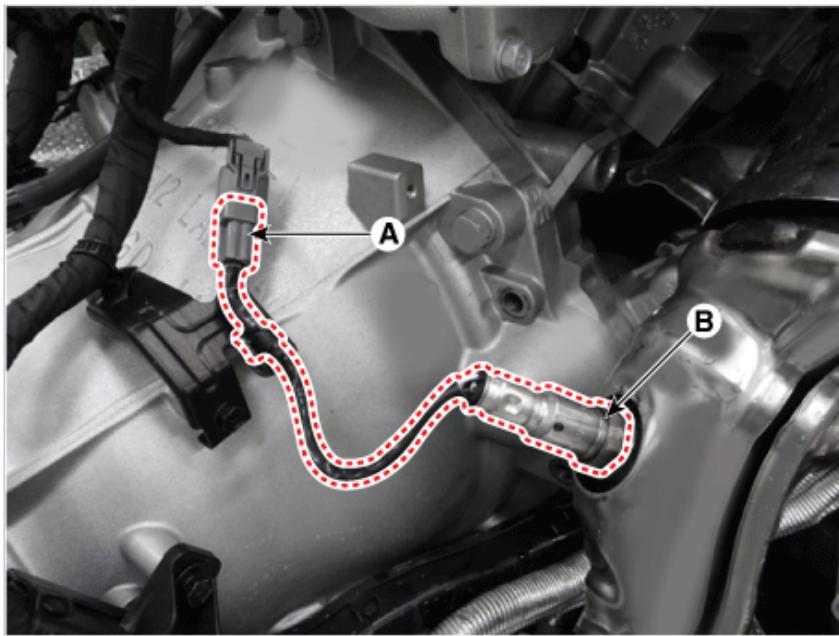
[Bank 1 / Sensor 1]

1. Switch "OFF" the ignition and disconnect the negative (-) battery terminal.
2. Disconnect the connector (A), and then remove the sensor (B).



[Bank 1 / Sensor 2]

1. Switch "OFF" the ignition and disconnect the negative (-) battery terminal.
2. Lift the vehicle.
3. Remove the front muffler & center muffler.
(Refer to Engine Mechanical System - "Muffler")
4. Disconnect the connector (A), and then remove the sensor (B).

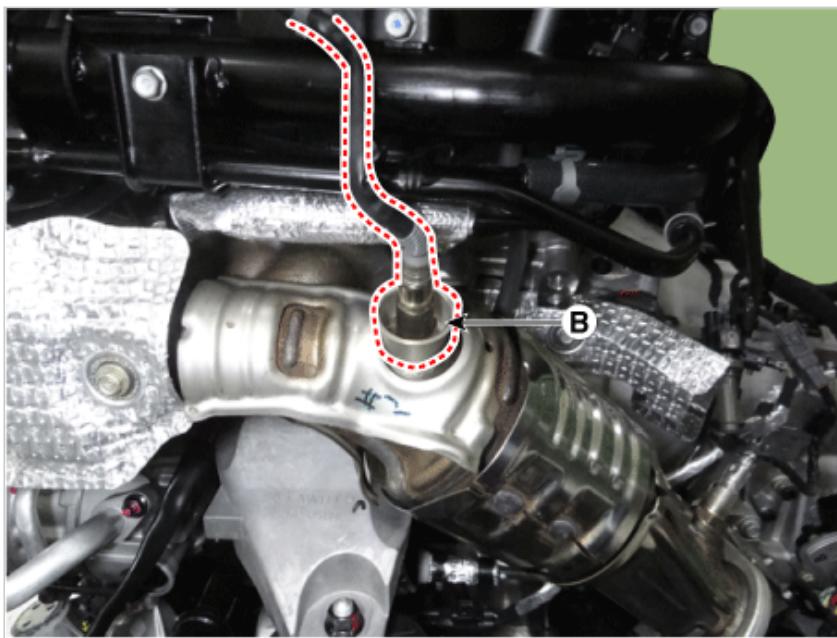


[Bank 2 / Sensor 1]

1. Switch "OFF" the ignition and disconnect the negative (-) battery terminal.
2. Disconnect the connector (A).



3. Remove the sensor (B).

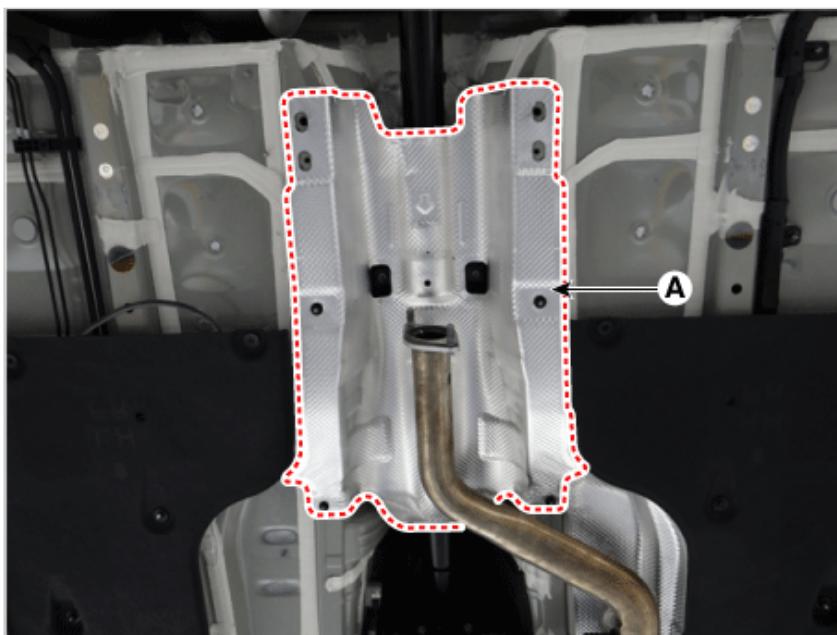


[Bank 2 / Sensor 2]

1. Switch "OFF" the ignition and disconnect the negative (-) battery terminal.
2. Remove the front muffler.
(Refer to Engine Mechanical System - "Muffler")
3. Support the automatic transmission with jack.
4. Remove the heat protector(A).

Tightening torque :

4.9 - 6.9 N·m (0.5 - 0.7 kgf·m, 3.6 - 5.0 lb·ft)



5. Loosen the center bearing propeller shaft bolts.

Tightening torque :

49.0 - 58.8 N·m (5.0 - 6.0 kgf·m, 36.1 - 43.4 lb·ft)

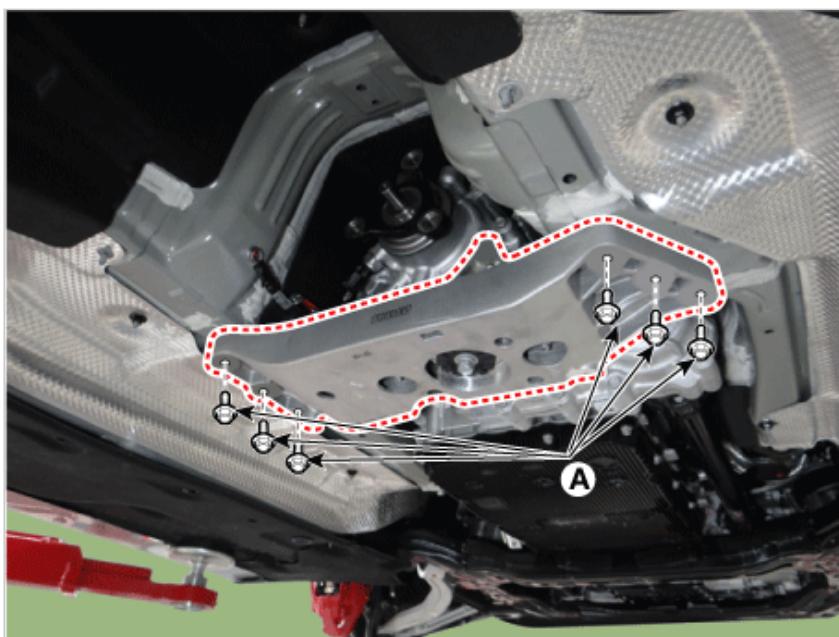


6. Remove the transmission mounting bracket mounting bolts (A).

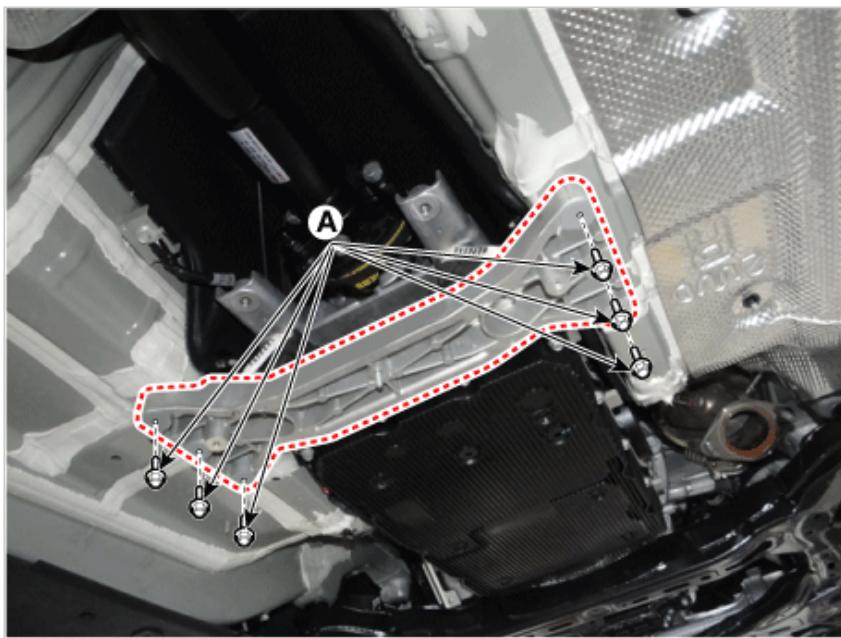
Tightening torque :

58.8 - 73.5 N·m (6.0 - 7.5 kgf·m, 43.4 - 54.2 lb·ft)

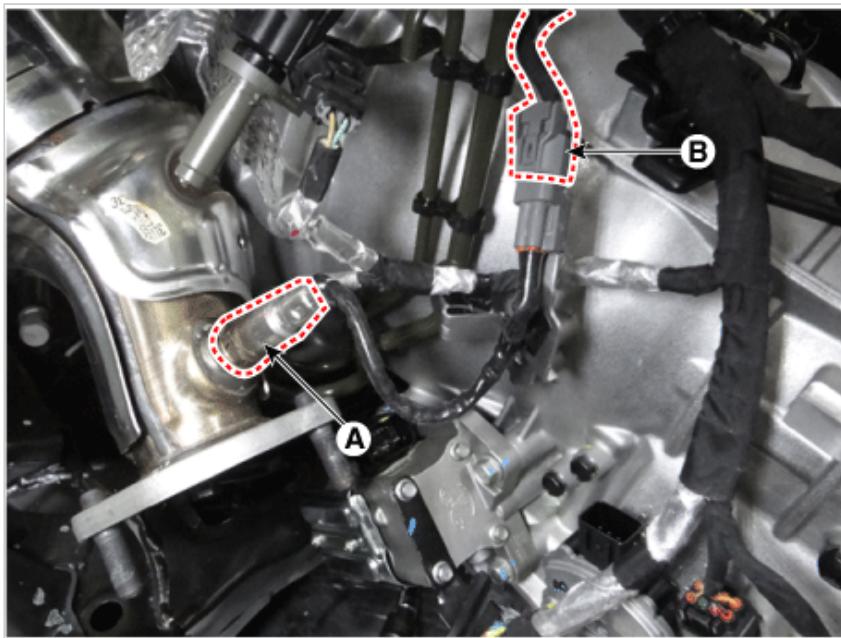
[AWD]



[2WD]



7. Remove the sensor(A).
8. Disconnect the connector(B).



Installation

NOTICE

- Install the component to the specified torques.
- Note that internal damage may occur when the component is dropped. If the component has been dropped, inspect before installing.
- Keep the sensing element and connector free from cleaner, spray or grease as oil substance may cause the sensor to malfunction.
- Sensor and its wiring may get damaged from contact with the exhaust system (e.g. Exhaust Manifold, Catalytic Converter).

1. Install in the reverse order of removal.