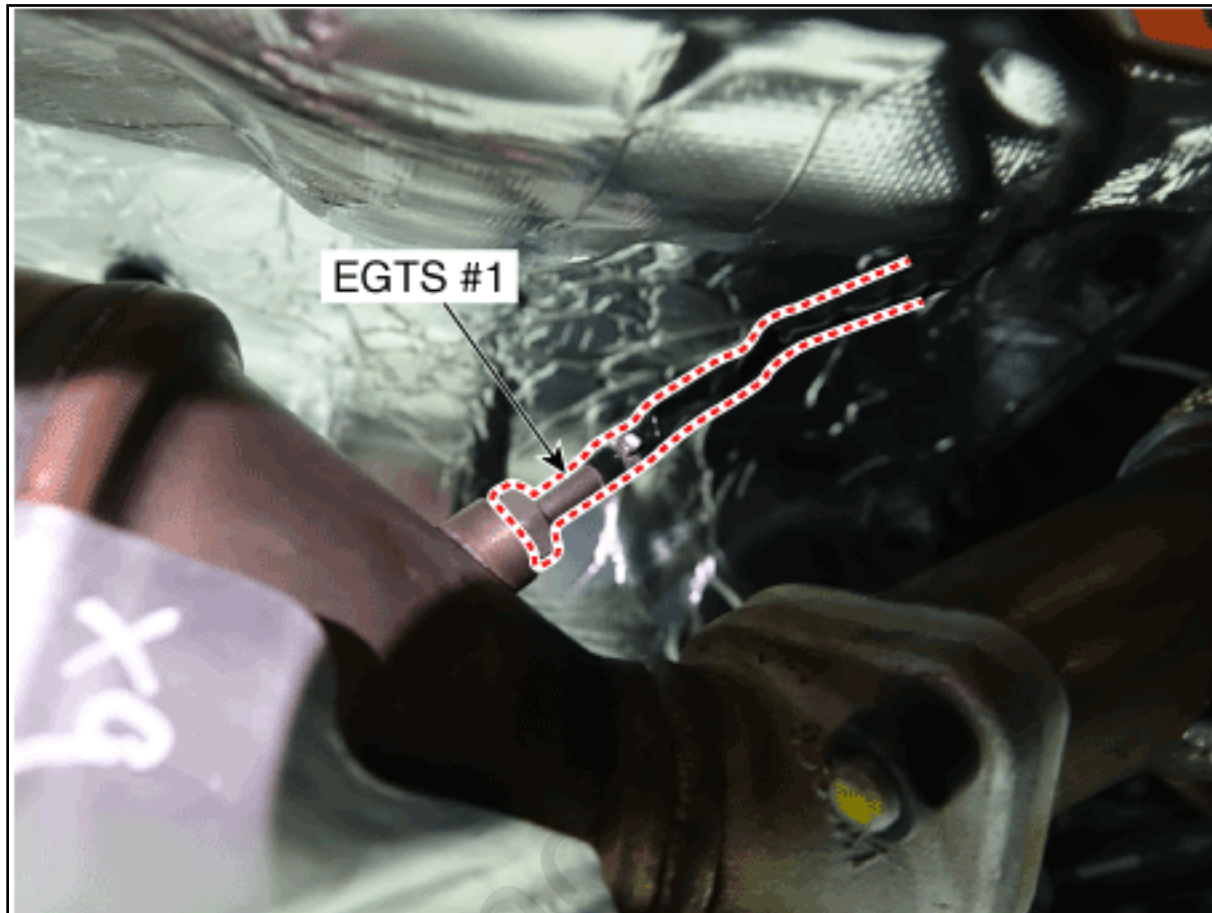


Description

Exhaust Gas Temperature Sensor (EGTS) is installed on Gasoline Particulate Filter (GPF) senses the temperature of exhaust gas flowing into. When pre-determined engine condition is set, ECM burns soot gathered in GPF with exhaust gas. At this time, the exhaust gas temperature is an important factor of engine condition

Exhaust Gas Temperature Sensor (EGTS) #1 [GPF Type]



Exhaust Gas Temperature Sensor (EGTS) #2 [GPF Type]



Specification

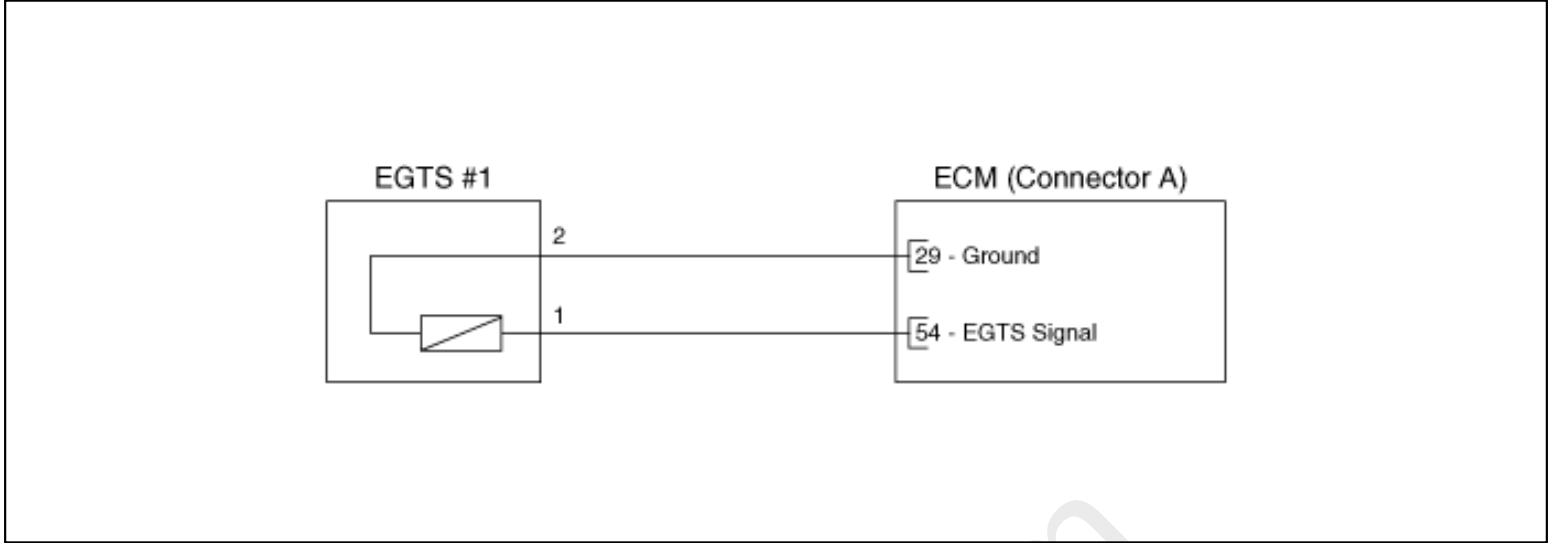
Exhaust Gas Temperature Sensor (EGTS) #1, 2 [GPF Type]

▷ Type : Thermistor type

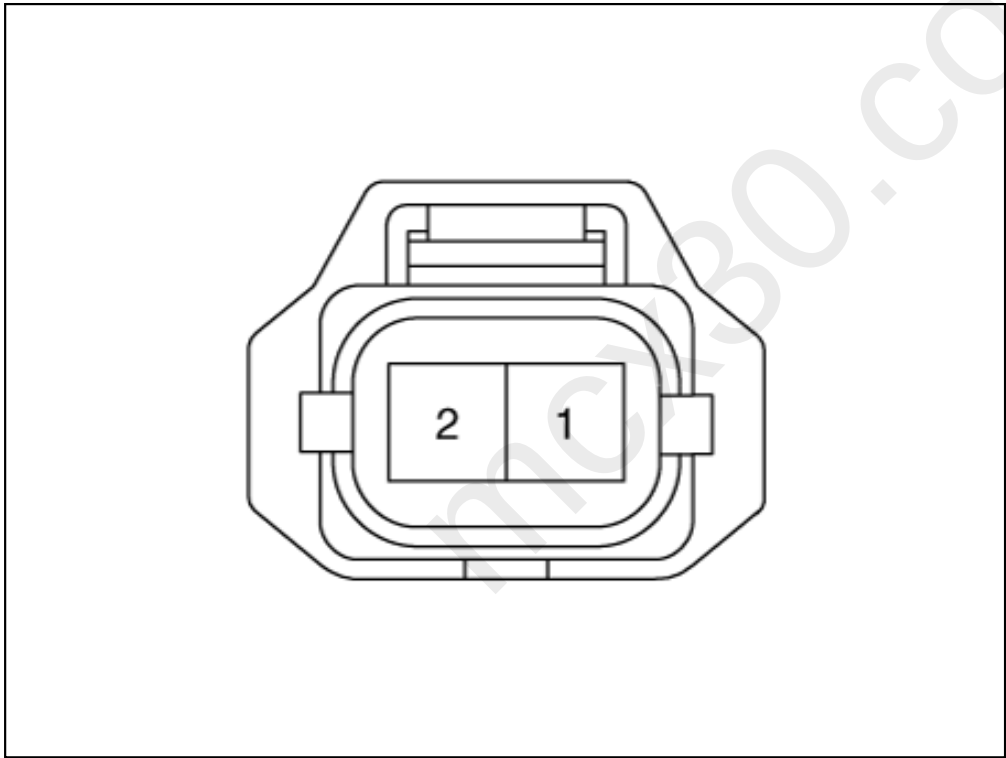
Temperature [°C (°F)]	Resistance (kΩ)
-40 (-40)	0.17
0 (-32)	0.201
100 (212)	0.276
200 (392)	0.35
300 (572)	0.42
400 (752)	0.489
500 (932)	0.555
600 (1112)	0.618
700 (1292)	0.68
800 (1472)	0.739
850 (1562)	0.767

Circuit
Diagram

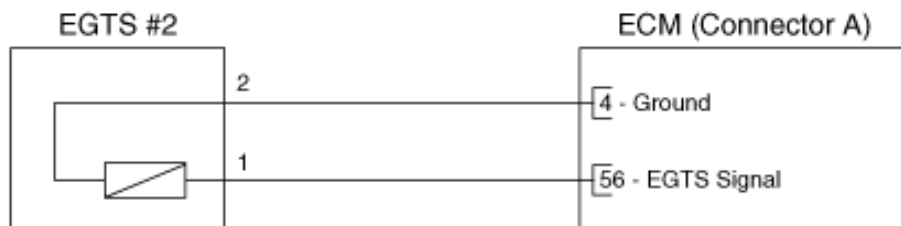
Exhaust Gas Temperature Sensor (EGTS) #1 [GPF Type]



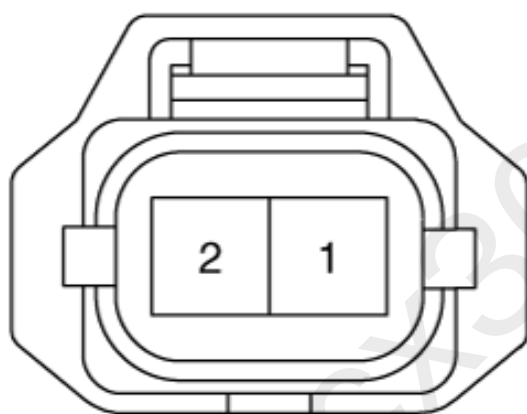
Harness Connector



Exhaust Gas Temperature Sensor (EGTS) #2 [GPF Type]



Harness Connector



Inspection

1. Turn ignition switch OFF.
2. Disconnect the connector of exhaust gas temperature sensors.
3. Measure resistance between sensor signal terminal and ground terminal.
4. Check that the resistance is within the specification.

Specification : Refer to "Specification"

Removal

Exhaust Gas Temperature Sensor (EGTS) #1 [GPF Type]

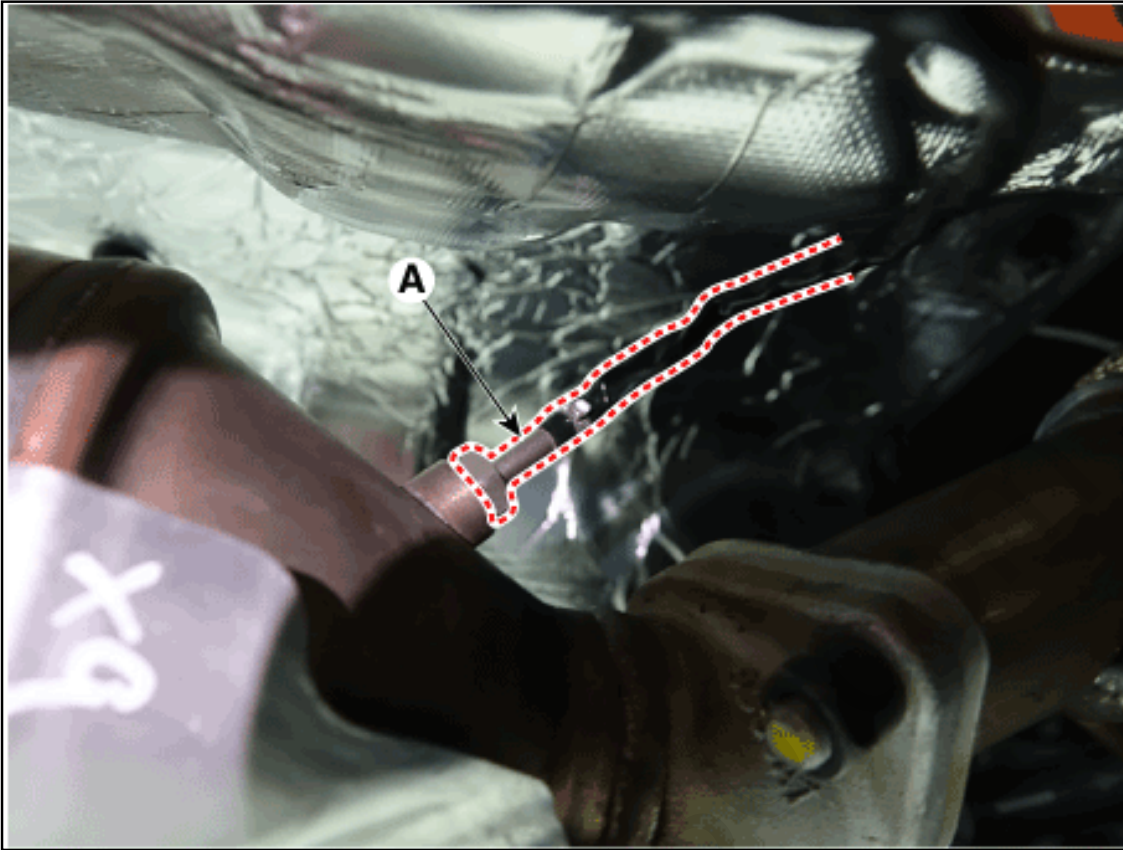
1. Turn the ignition switch OFF and disconnect the battery negative (-) terminal.
2. Lift up the vehicle.
3. Remove the floor under cover.
4. Disconnect the egts connector (A).



5. Remove the egts sensor (A).

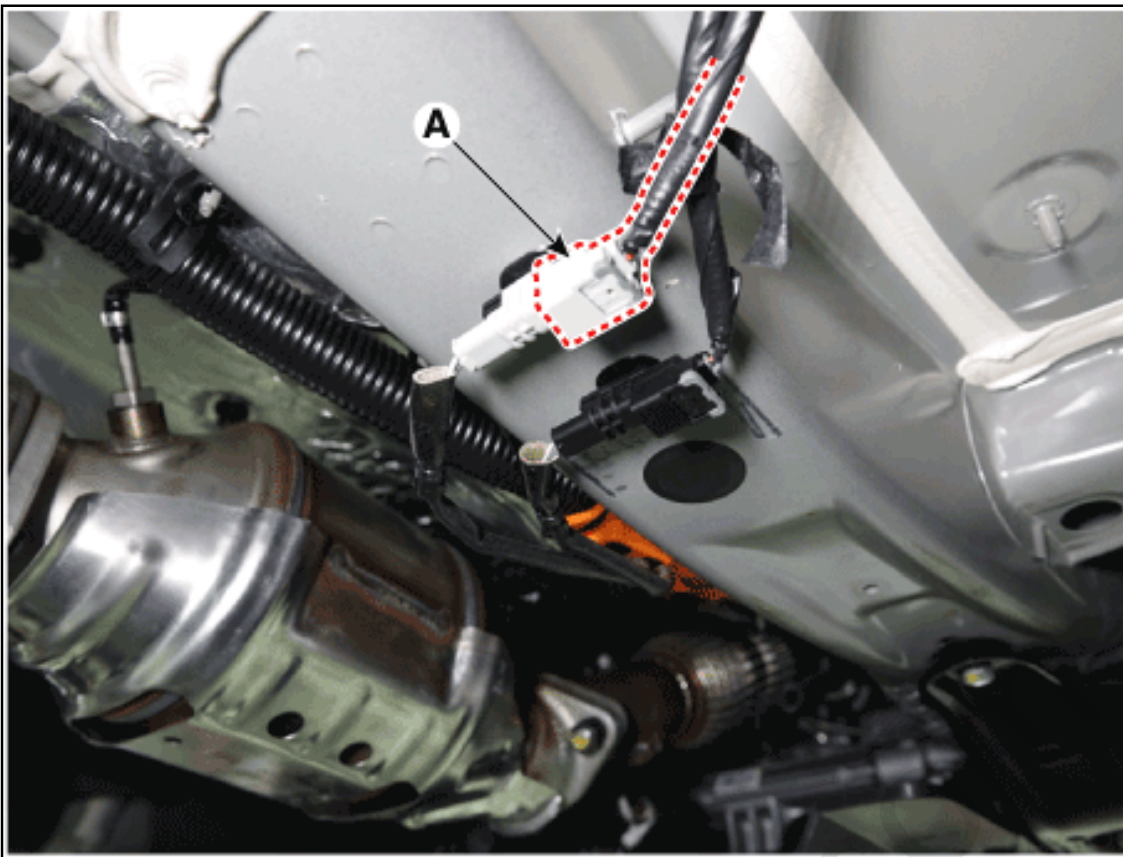
Tightening torque :

39.2 - 49.0 N·m (4.0 - 5.0 kgf·m, 28.9 - 36.1 lb·ft)



Exhaust Gas Temperature Sensor (EGTS) #2 [GPF Type]

1. Turn the ignition switch OFF and disconnect the battery negative (-) terminal.
2. Lift up the vehicle.
3. Remove the floor under cover.
4. Disconnect the egts connector (A).



5. Remove the egts sensor (A).

Tightening torque :

39.2 - 49.0 N·m (4.0 - 5.0 kgf·m, 28.9 - 36.1 lb·ft)



Installation



- Install the component to the specified torques.
- Note that internal damage may occur when the component is dropped. In this case, use it after inspecting.

1. Install in the reverse order of removal.

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