

Component Procedures: Accelerator Pedal Position Sensor

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Component Procedures: Accelerator Pedal Position Sensor

Parts and Labor (itype_189)

Parts

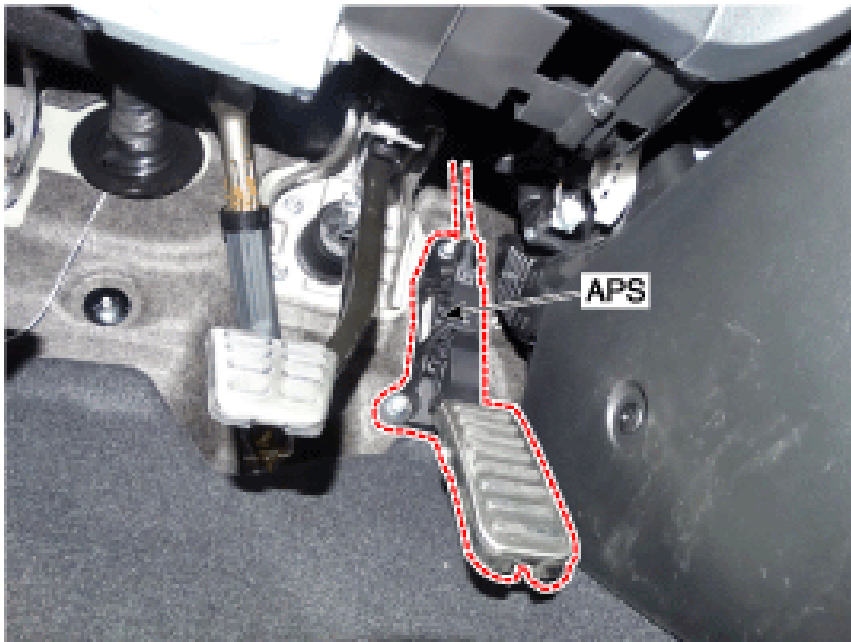
Qualifier	Part #	Name	Price	Note
Fuel Supply > Pedal Travel S?	32700F2100	Metal Pad	117.40	Includes Accelerator Pedal.
Fuel Supply > Pedal Travel S?	32700F2100	Rubber Pad	117.40	Includes Accelerator Pedal.

Labor

Operation	Qualifier Path	Skill	Std Hrs	Wty Hrs
Remove & Replace	Fuel Supply > Pedal Travel Sensor, R&R > APP ?	B	0.5	0.0

Accelerator Position Sensor (APS) - Description and Operation (Article 44132)

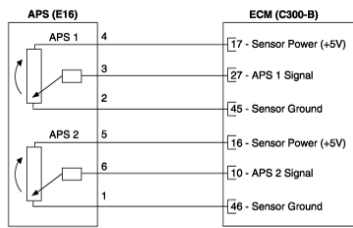
- Description



Accelerator Position Sensor (APS) - Schematic Diagrams (Article 44137)

- Circuit Diagram

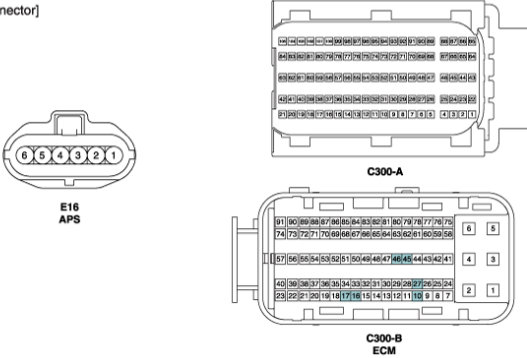
[Circuit Diagram]



[Connection Information]

Terminal	Connected to	Function
1	ECM C300-B (46)	APS 2 Sensor Ground
2	ECM C300-B (45)	APS 1 Sensor Ground
3	ECM C300-B (27)	APS 1 Signal
4	ECM C300-B (17)	APS 1 Sensor Power (+5V)
5	ECM C300-B (16)	APS 2 Sensor Power (+5V)
6	ECM C300-B (10)	APS 2 Signal

[Harness Connector]



Accelerator Position Sensor (APS) - Repair Procedures (Article 44140)

- Inspection
- Connect the GDS on the Data Link Connector (DLC).
- Turn the ignition switch ON.
- Measure the output voltage of the APS 1 and 2 at C.T and W.O.T. Specification : Refer to "Specification"

Accelerator Position Sensor (APS) - Specifications (Article 44134)

- Specification
- Accelerator Position Output Voltage (V)
- APS1 APS2
- C.T 0.7 - 0.8 0.325 - 0.425
- W.O.T 3.98 - 4.22 1.93 - 2.17

