

SECTION 6H

ENGINE SPEED CONTROL SYSTEM

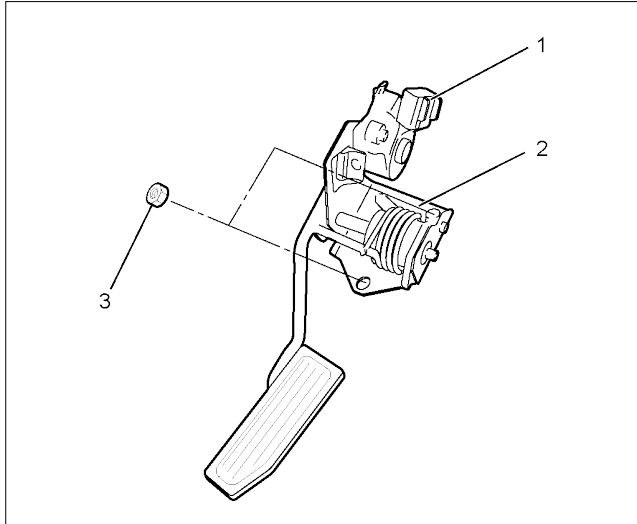
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Accelerator Pedal Position (APP) Sensor

Removal

1. Turn OFF the ignition.
2. Disconnect the APP sensor harness connector.
3. Loosen the accelerator pedal assembly nuts (3).
4. Remove the accelerator pedal assembly.



5. Remove the APP sensor (1) from accelerator pedal bracket (2).

Installation

1. Install the APP sensor (1) in accelerator pedal bracket (2).
2. Install the accelerator pedal assembly.
3. Tighten the accelerator pedal assembly nuts (3).
4. Connect the APP sensor harness connector.

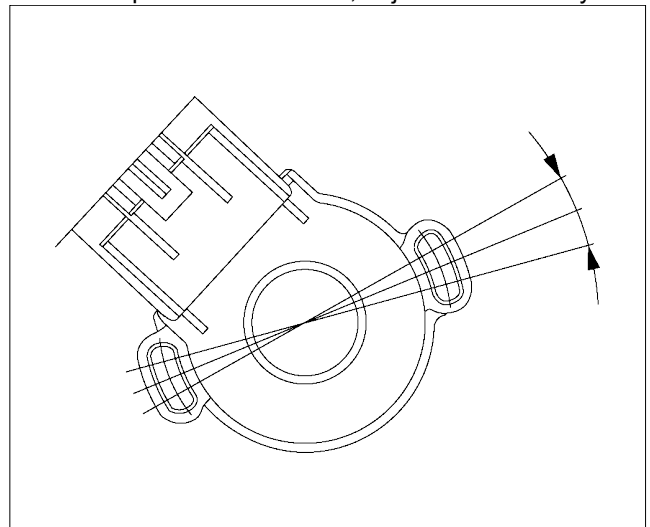
How to adjust for APP Sensor

1. Install the Tech2.
2. Turn ON the ignition.
3. Observe the APP sensor parameter.

Check the unique functionality of each sensor as shown in the table below.

APP Sensor	Pedal Position	Pedal Position as Observed on the Tech2 (%)	Voltage as Observed on the Tech2 (volt)
1	Pedal at reset	0	0.1-1.2
1	Pedal at full travel	100	3.8-4.8
2	Pedal at reset	0	3.8-4.8
2	Pedal at full travel	100	0.2-1.2
3	Pedal at reset	0	3.8-4.8
3	Pedal at full travel	100	1.2-2.2

4. If the problem was found, adjust as necessary.



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