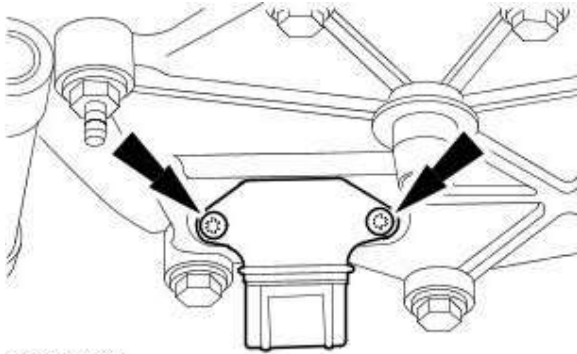


Electronic Engine Controls - 4.2L NA V8 - AJV8/4.2L SC V8 - AJV8 - Manifold Absolute Pressure (MAP) Sensor

Removal and Installation

Removal

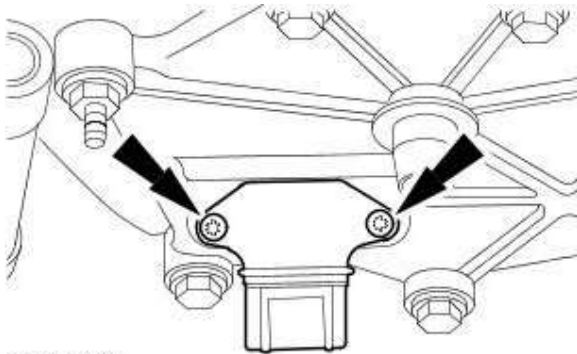
1. Disconnect the battery ground cable.
For additional information, refer to: [Battery Disconnect and Connect](#) (414-01 Battery, Mounting and Cables, General Procedures).
2. Remove the intake manifold.
For additional information, refer to: [Intake Manifold](#) (303-01A Engine - 4.2L NA V8 - AJV8, In-vehicle Repair).
3. Remove the manifold absolute pressure (MAP) sensor.
 - Remove and discard the MAP sensor O-ring seal.



VUJ0005611

Installation

1. Install is the reverse of removal.
2. Tighten to 10 Nm.
 - Install a new MAP sensor O-ring seal.



VUJ0005611

3. NOTE: For NAS vehicles only.

If required, carry out a short drive cycle.
For additional information, refer to: [Powertrain Control Module \(PCM\) Short Drive Cycle Self-Test](#) (303-14C, General Procedures).