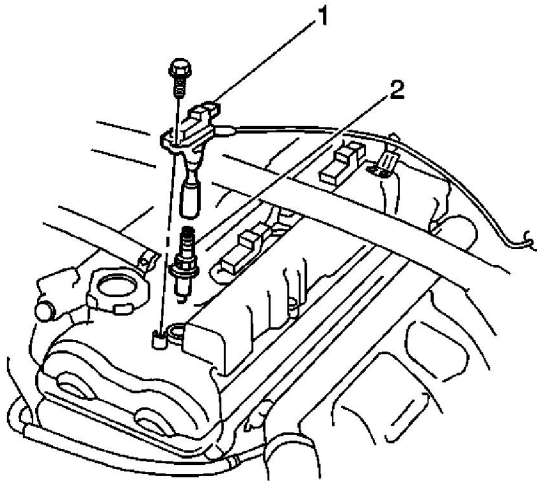


Spark Plug Replacement

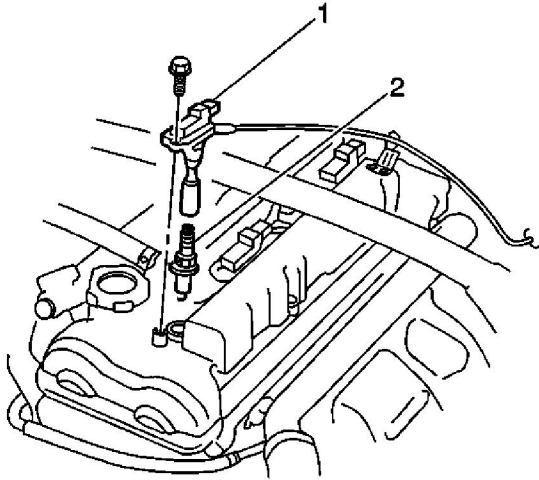
Removal Procedure

Notice: This engine is equipped with an aluminum cylinder head. Allow the engine to cool before removing spark plugs. Removing the spark plugs from an engine at operating temperature may damage the spark plug threads in the cylinder head. Also be sure to clean any dirt or debris from around spark plug holes prior to removing spark plugs.



1. Disconnect the ignition coil connector from each spark plug coil (1).
2. Remove the bolt and the coil for each cylinder.
3. Remove the spark plugs from the cylinder head.
4. Inspect the spark plugs for electrode wear, carbon deposits and insulator damage. Refer to [Spark Plug Inspection](#) .

Installation Procedure



1. Check for the correct spark plug gap and adjust as necessary. Refer to [Ignition System Specifications](#) .

Notice: Use the correct fastener in the correct location. Replacement fasteners must be the correct part number for that application. Fasteners requiring replacement or fasteners requiring the use of thread locking compound or sealant are identified in the service procedure. Do not use paints, lubricants, or corrosion inhibitors on fasteners or fastener joint surfaces unless specified. These coatings affect fastener torque and joint clamping force and may damage the fastener. Use the correct tightening sequence and specifications when installing fasteners in order to avoid damage to parts and systems.

2. Install the spark plugs to the cylinder head.

Tighten

Tighten the spark plug to 25 N·m (18 lb ft).

3. Install the ignition coil to each spark plug. Secure with the bolt.

Tighten

Tighten the ignition coil bolts to 10 N·m (89 lb in).

4. Connect the ignition coil electrical connectors (1).