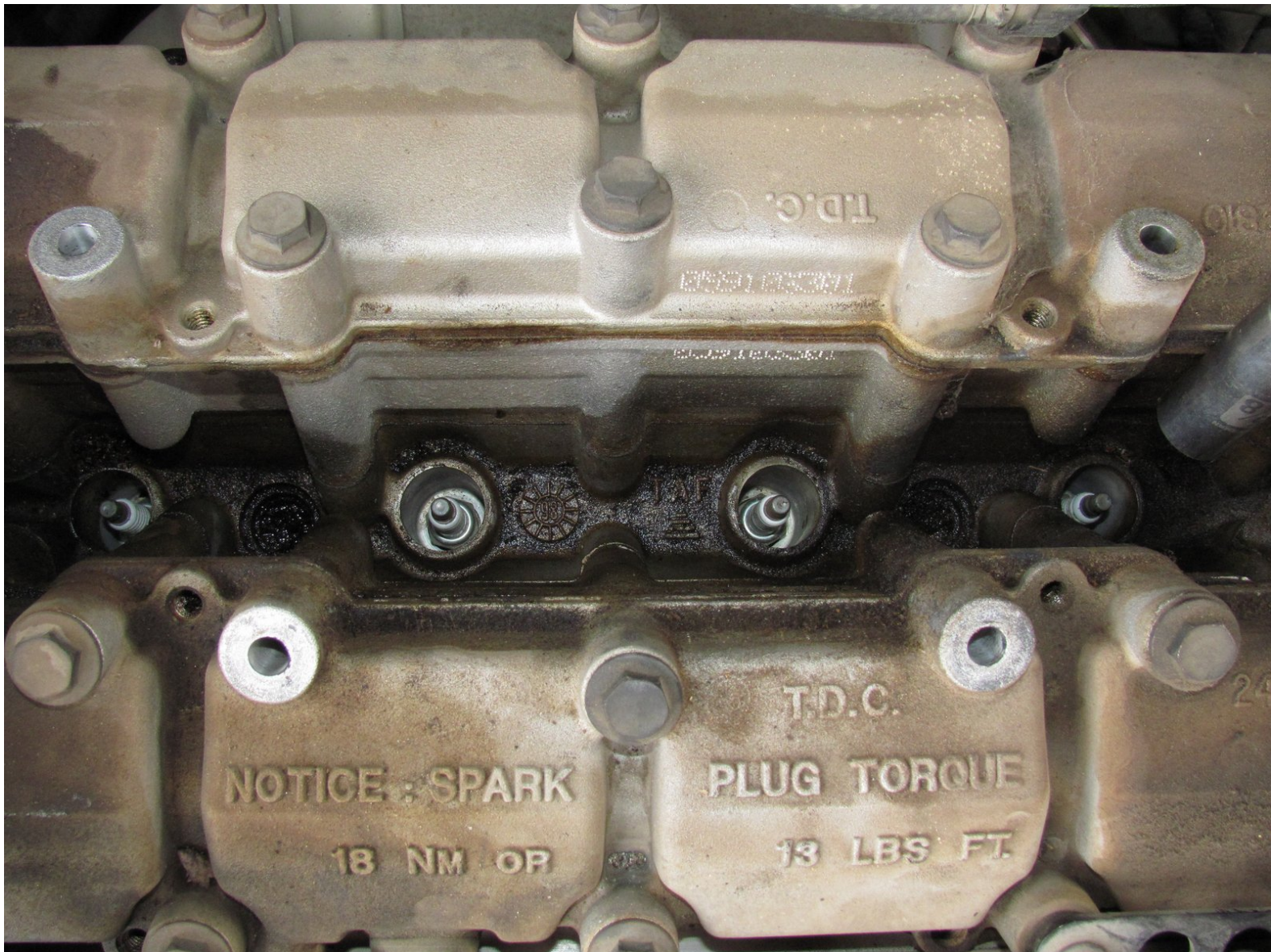




# 1997-2003 Chevrolet Malibu Spark Plugs Replacement

Use this guide to install spark plug into a 1997-2003 Chevrolet Malibu.

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## INTRODUCTION

Replacing the spark plugs in your Malibu can keep it running strong. New spark plugs will produce a stronger spark than older spark plugs allowing your engine to run smoother and more efficient.

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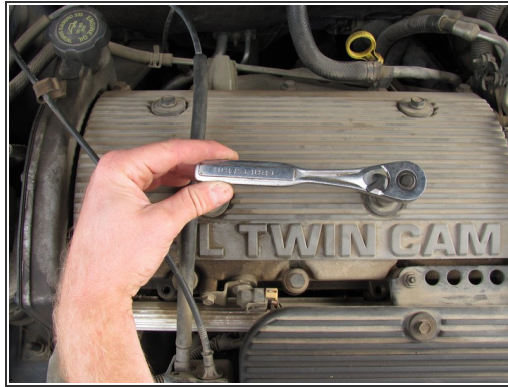
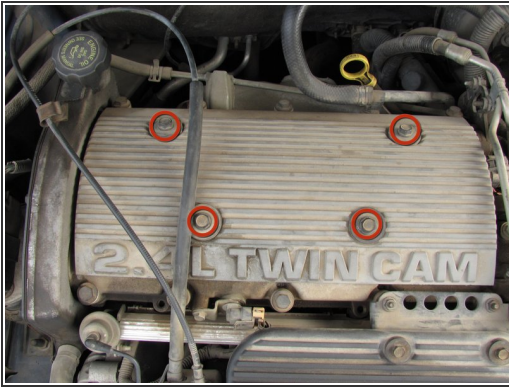


### TOOLS:

- [1/2" Socket](#) (1)
  - [5/8" Spark Plug Socket](#) (1)
  - [6" Ratchet Extension](#) (1)
  - [Flathead Screwdriver](#) (1)
  - [Socket Wrench](#) (1)
  - [Spark Plug Gap Gauge](#) (1)
  - [Torque Wrench](#) (1)
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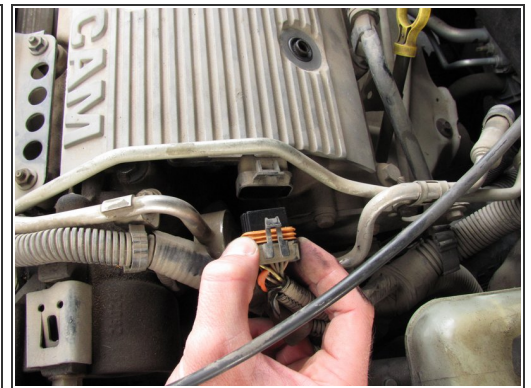
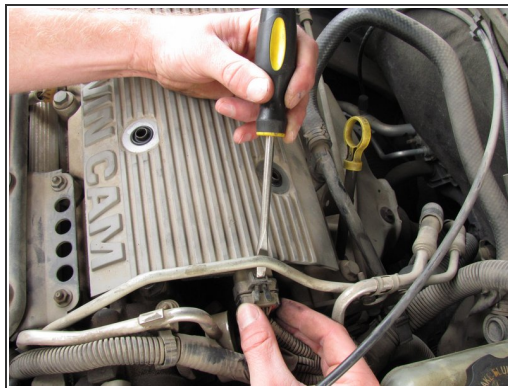
## Step 1 — Spark Plugs



- Use the 1/2" socket to loosen and remove the four bolts and washers on the spark plug cover labeled 2.4L Twin Cam.

☑ These four bolts should be torqued to 18 ft-lbs when putting the spark plug cover back on.

## Step 2

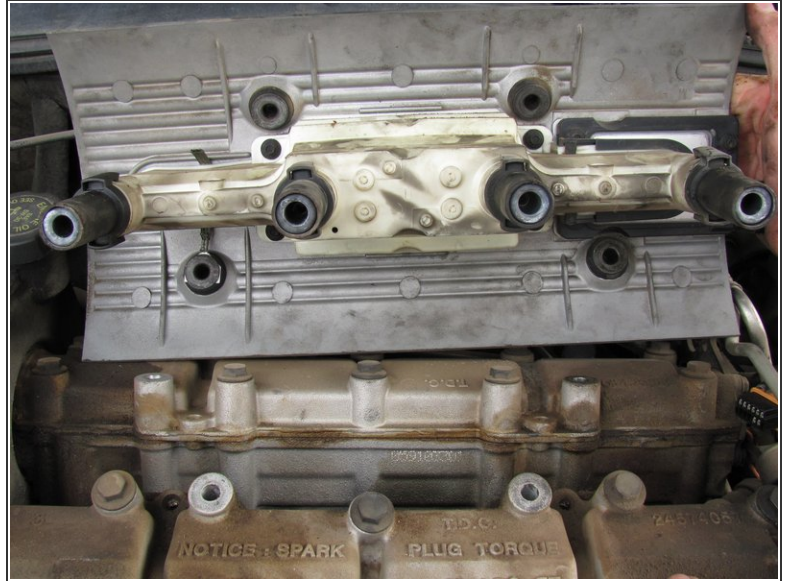
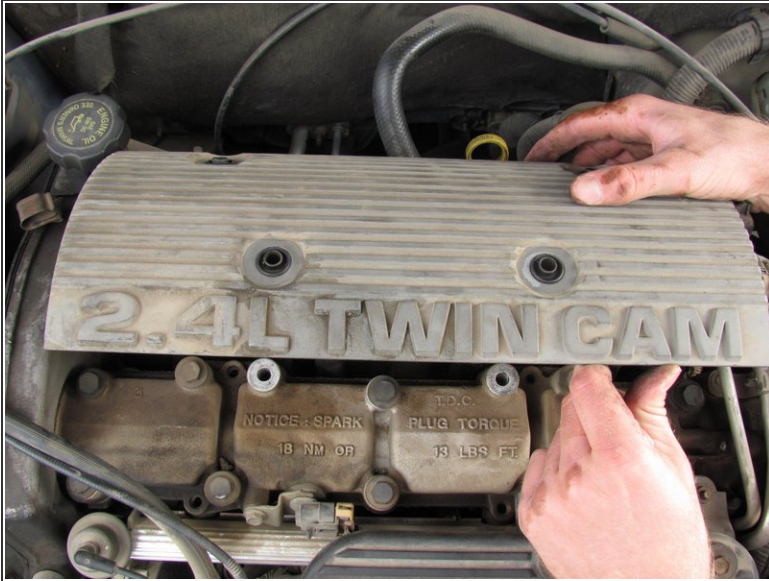


- With a flathead screwdriver remove the ignition coil electrical connector on the right side of spark plug cover.

ⓘ Be careful while disconnecting the ignition coil electrical connector as it may break.

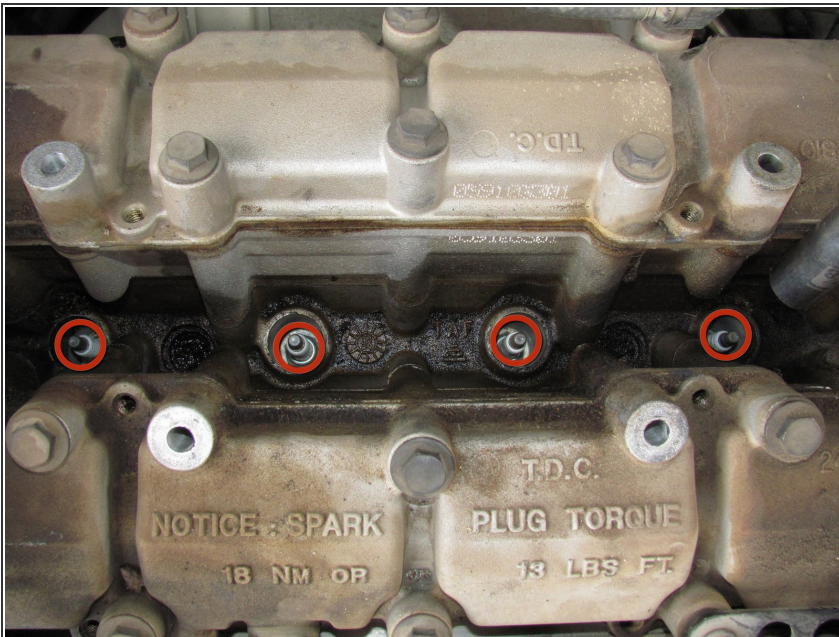


### Step 3



- Remove the spark plug cover.

### Step 4



**⚠** When working with compressed air, wear safety glasses to protect your eyes from flying debris.

- Use compressed air to clear any debris from the area around the spark plugs.
- i** Any particles that fall into the cylinder could cause serious engine damage.
- Use a 5/8" spark plug socket with an extension to loosen and remove the spark plugs.

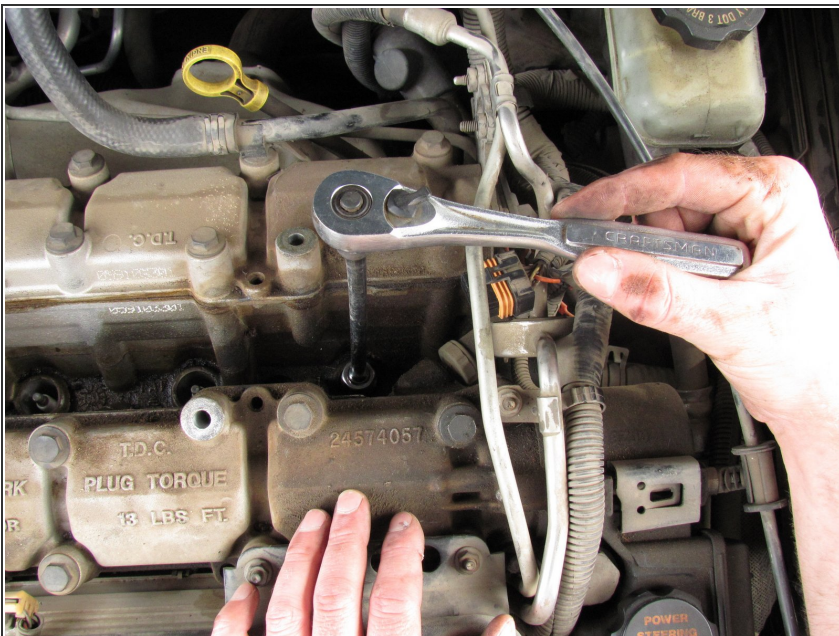


## Step 5




- Before installing the new spark plugs check that the spark plugs' gap is between 0.048 and 0.052 inches.
- If it needs to be widened, use a gap setter to increase the size of the gap until it reaches the desired width.

## Step 6



- Wedge the new spark plugs into a 5/8" spark plug socket.
- Place the spark plug into the cylinder using the socket and hand tighten the spark plugs as much as possible.
- Tighten the spark plugs to 13 ft-lbs with a torque wrench.

 Do not over tighten spark plugs. This could strip out the threaded holes in the head.

To reassemble your device, follow Steps 1-3 in reverse order.