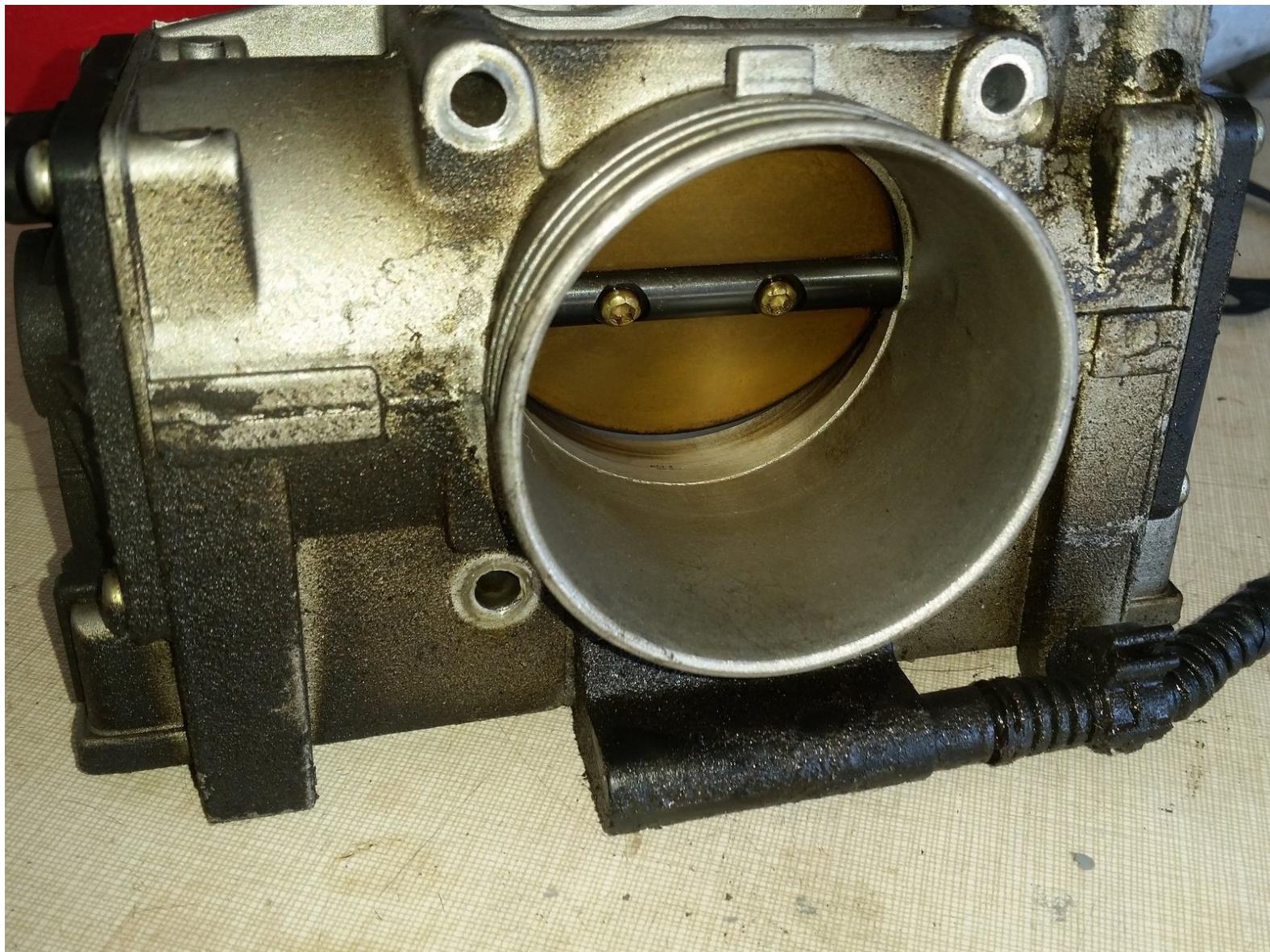




Volvo Throttle Body fix

Volvo throttle body problems seem to plague their drive-by-wire systems. Many of them will have oil inside, which causes the engine to go into limp-mode.

Written By: HemiBill



INTRODUCTION

In this article, we are going to remove the position sensor from the throttle body and clean it.

TOOLS:

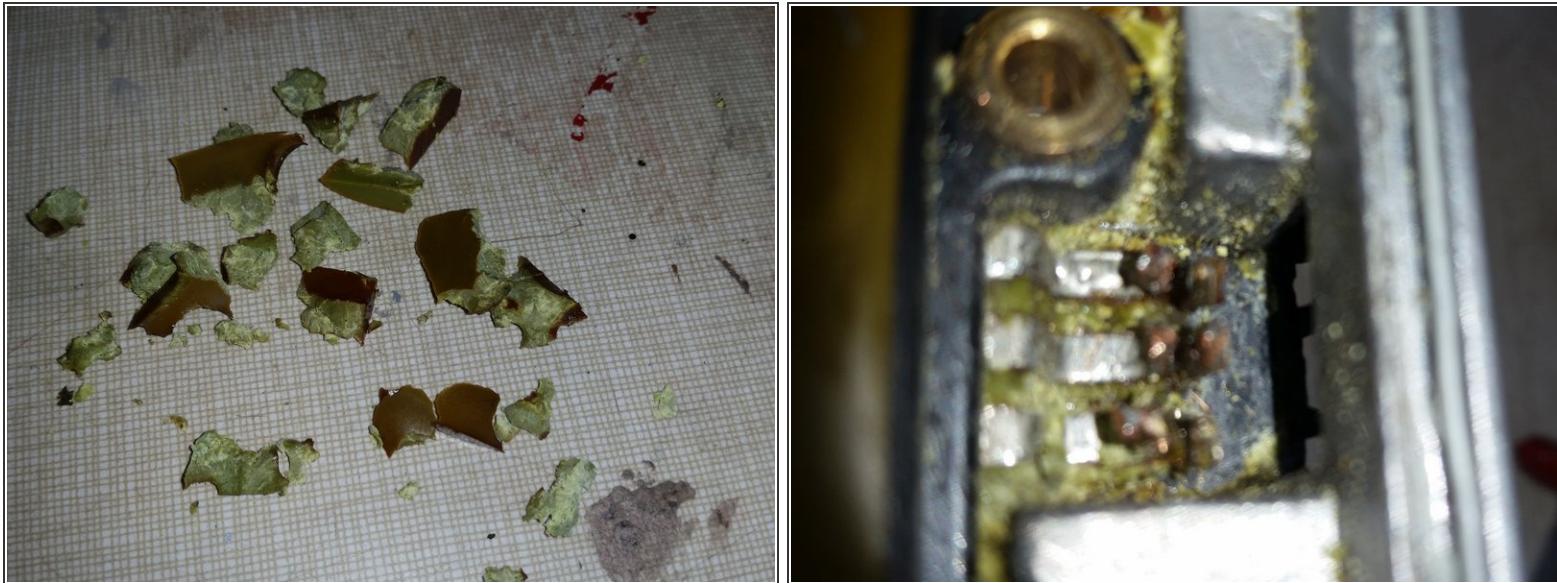
- **Wire cutters/side cutters** (1)
- **Soldering Iron** (1)
- **RTV Silicone** (1)

Step 1 — Volvo throttle body servicing



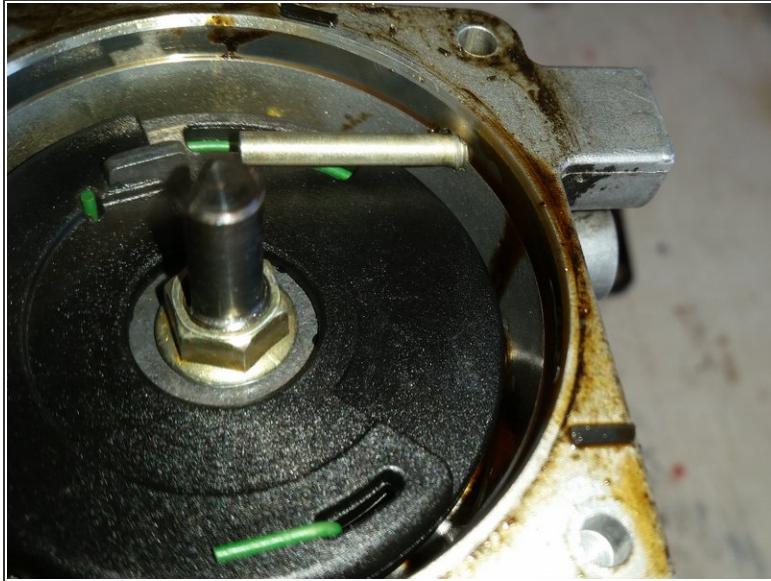
- Remove the throttle body from the engine. Remove the cover plate by prying up on the edges with a small screwdriver. It is glued down with silicone. Under the cover plate you will see a computer module that is also siliconed in place.

Step 2



- Dig the silicone sealer out of the right side to expose the position sensor wire terminals. The terminals are spot welded (yes, WELDED) together to the leads from the computer module. Use small sharp diagonal cutters to separate the terminal leads.

Step 3



- The inside of the housing and the position sensor will both have an oily mess. Clean them by spraying with carb spray or contact cleaner.

Step 4



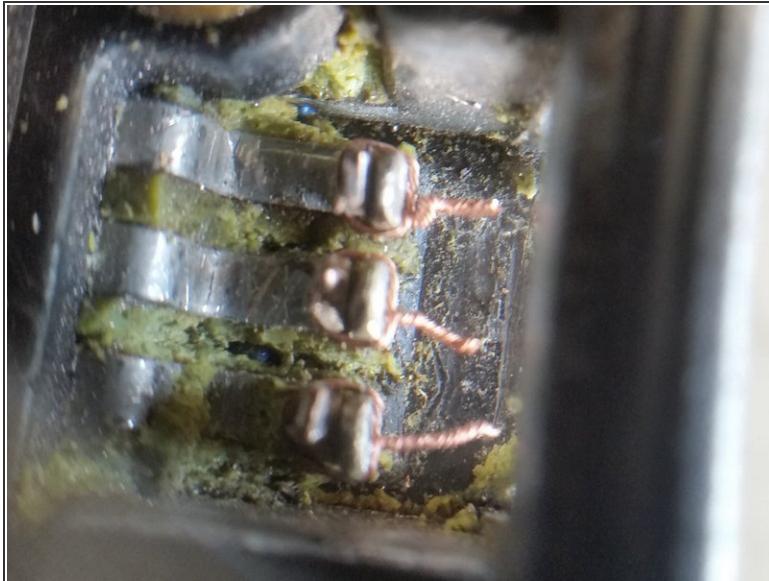
- Carefully pry out the metal ring that protects the sliding contacts. You can clean them with some spray cleaner.

Step 5



- Reassemble the metal ring. Apply silicone adhesive around the outside edge, then reinstall the sensor into the throttle body.

Step 6



- Wrap some wire strands around the terminal ends to help hold them together tightly. Solder the terminals together (but NOT to each other!).

Step 7



- Use silicone to reattach the cover plate and to seal up the side access hole. Allow the silicone to set up before reinstalling the throttle body to the engine.