



Cleaning 1985-1988 Volvo 740 Throttle Body

A clean throttle body will be less restrictive to air flow than has been inevitably fouled after thousand's of miles. After following this guide throttle response improves significantly.

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INTRODUCTION

This manual provides instructions on how to clean the tube and butterfly valve of the throttle body as well as clean and protect the electrical contacts

TOOLS:

- Flathead Screwdriver (1)
- 13mm Wrench (1)

PARTS:

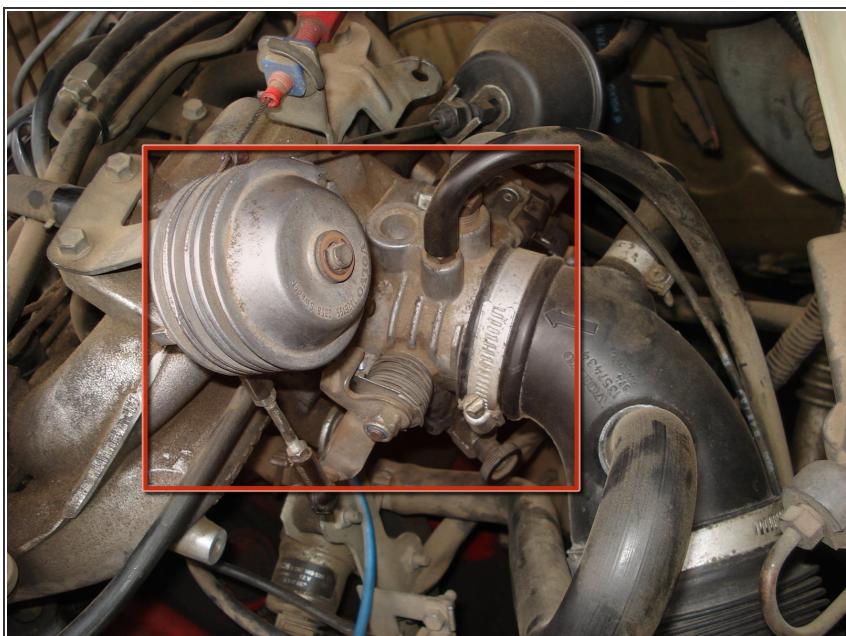
- Throttle Body Cleaner (1)
- Automotive Electrical Cleaner (1)
- Dielectric Grease (1)

Step 1 — 1985-1988 Volvo 740 Preparing Car For Work



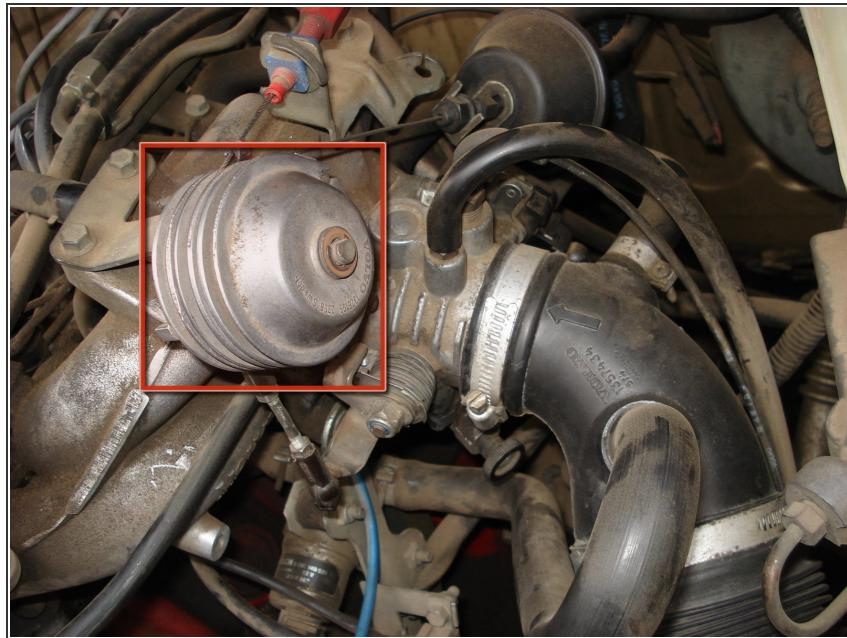
- Firstly Disconnect battery
- **Always** take the **negative** terminal off first.
- **General Tip** After disconnecting the battery leave the car for about 10 mins , This lets any residual energy left in the electrical system to dissipate. It is good practise whatever the job

Step 2 — Removing Throttle Body



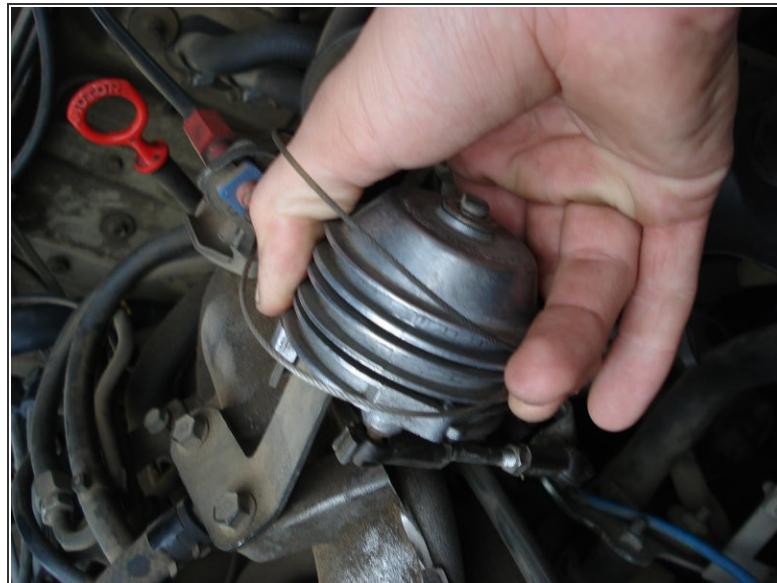
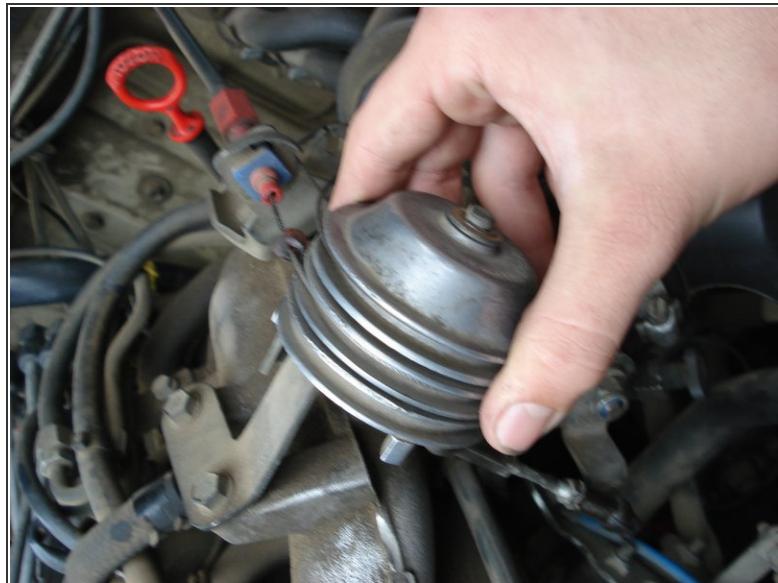
- Locate throttle body on right side of engine, it is between the intake tube and intake manifold.

Step 3



- Locate throttle linkage cable assembly.

Step 4



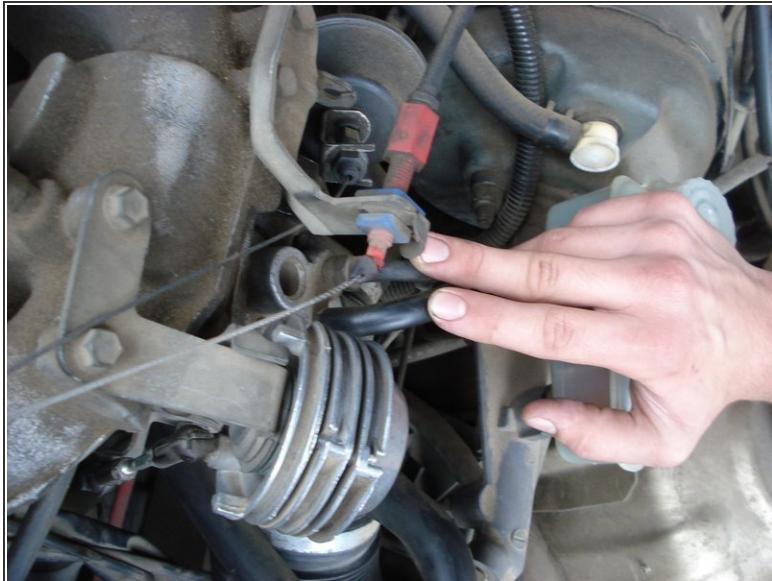
- Twist the assembly clockwise.

Step 5



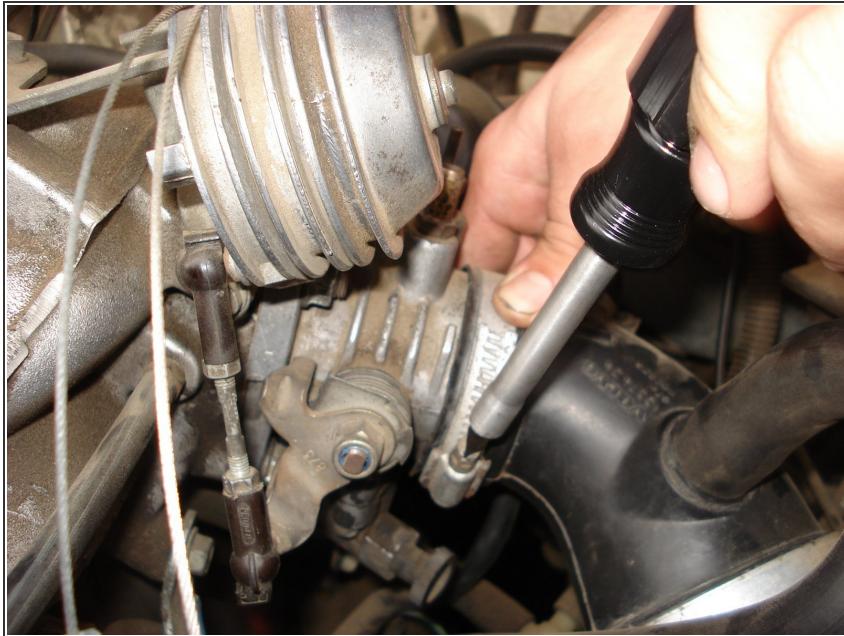
- Slide both slackened cables off assembly's guides.

Step 6



- Locate the two hoses on the top of the throttle body.
- Gently lift the hoses off.

Step 7



- Use a flat head screwdriver to loosen the hose clamp attaching the intake tube to the throttle body.

Step 8



- Remove the intake tube from the throttle body.

Step 9



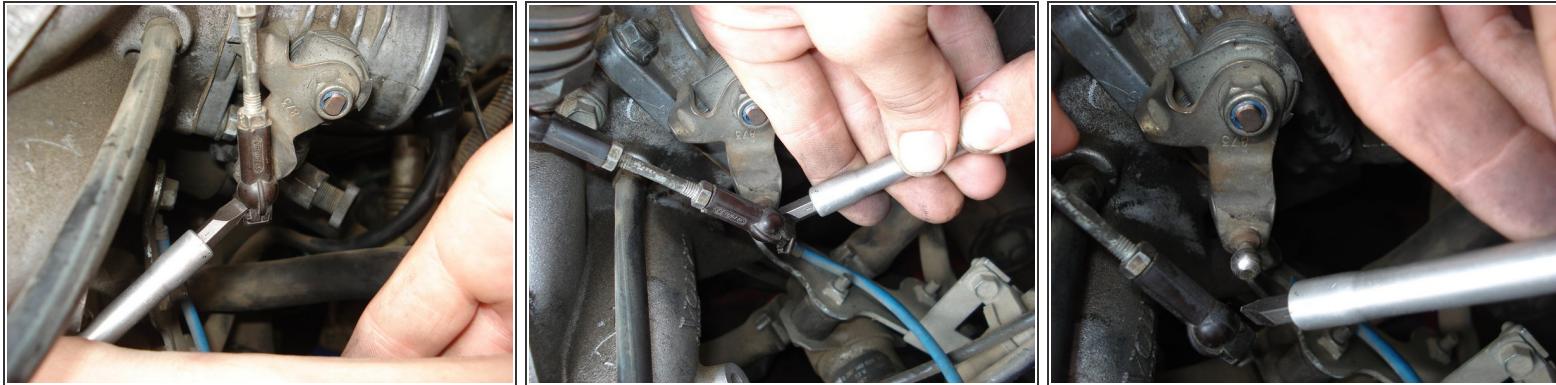
- Locate wiring clip on the underside of the throttle body.

Step 10



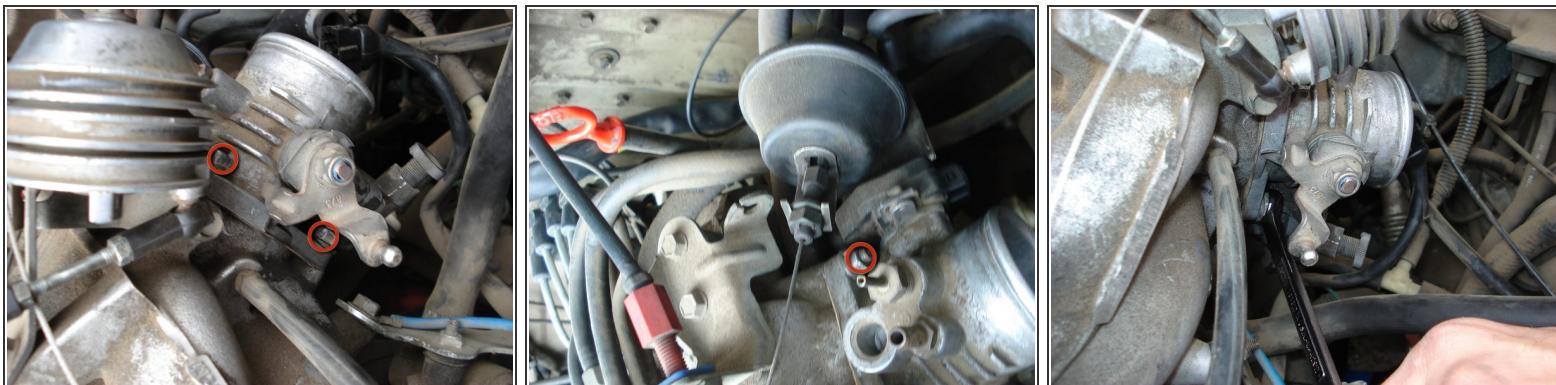
- Press down on the locking mechanism before gently removing the wiring clip.

Step 11



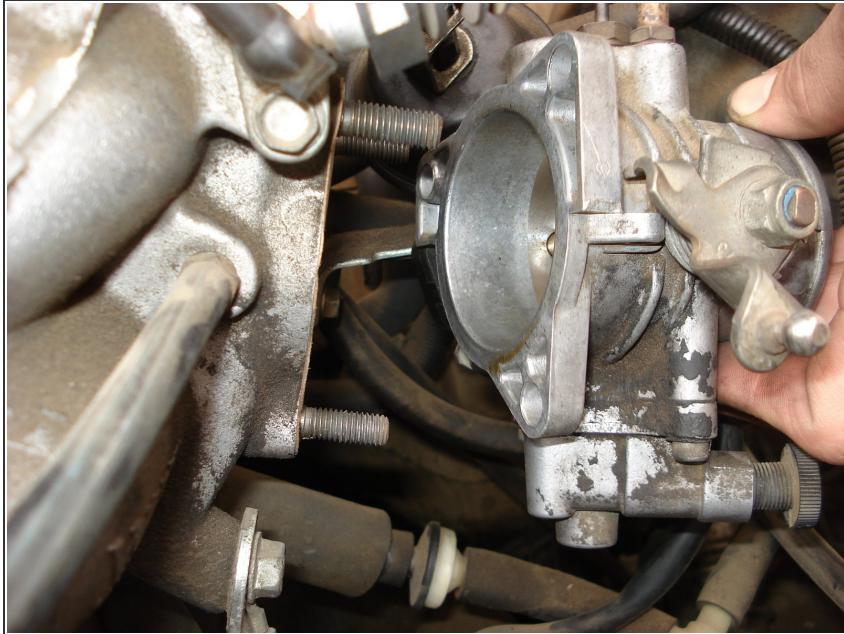
- Locate throttle linkage arm.
- Open the locking clip with a flat head screwdriver.
- Pry off the linkage arm with a flat head screwdriver.

Step 12



- Locate the three 13mm nuts attaching the throttle body to the intake manifold.
- Remove nuts with a 13mm crescent wrench.

Step 13



- Lift the throttle body off of the intake manifold.
- The manifold is now out of the engine bay and ready for cleaning or adjustment.

Step 14 — Cleaning 1985-1988 Volvo 740 Throttle Body



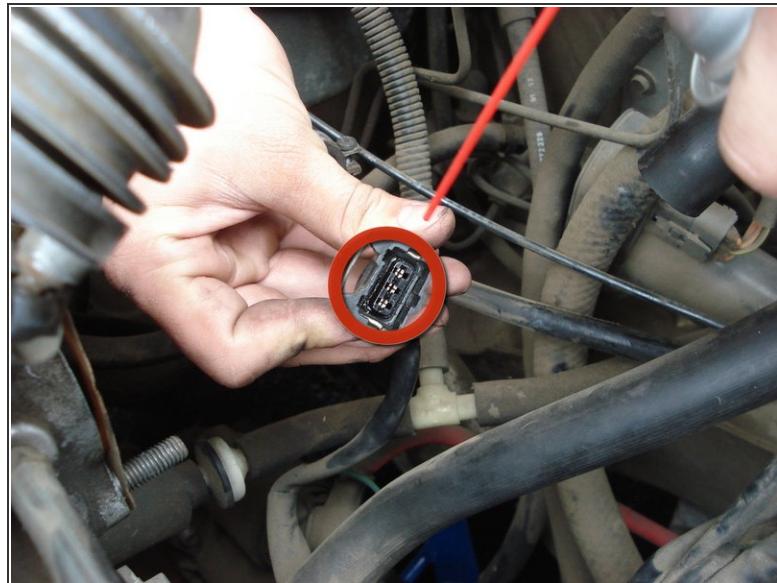
- Cover the electrical contacts with a shop towel to prevent throttle body cleaner from inadvertently spilling over.

Step 15



- Liberally apply throttle body cleaner to the inside of throttle body and butterfly valve.
- Use a shop towel sprayed with cleaner to wipe off thick grime if severely dirtied.

Step 16



- Spray electrical cleaner on the metal contacts to blast away particles in the bracket.
- Spray off the wiring clip that attaches to the throttle body inside the engine bay.

Step 17



- Apply a small amount of dielectric grease to the metal contacts to prevent corrosion.

To reinstall the throttle body after cleaning follow reverse directions for prerequisite guide #2