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 practice 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