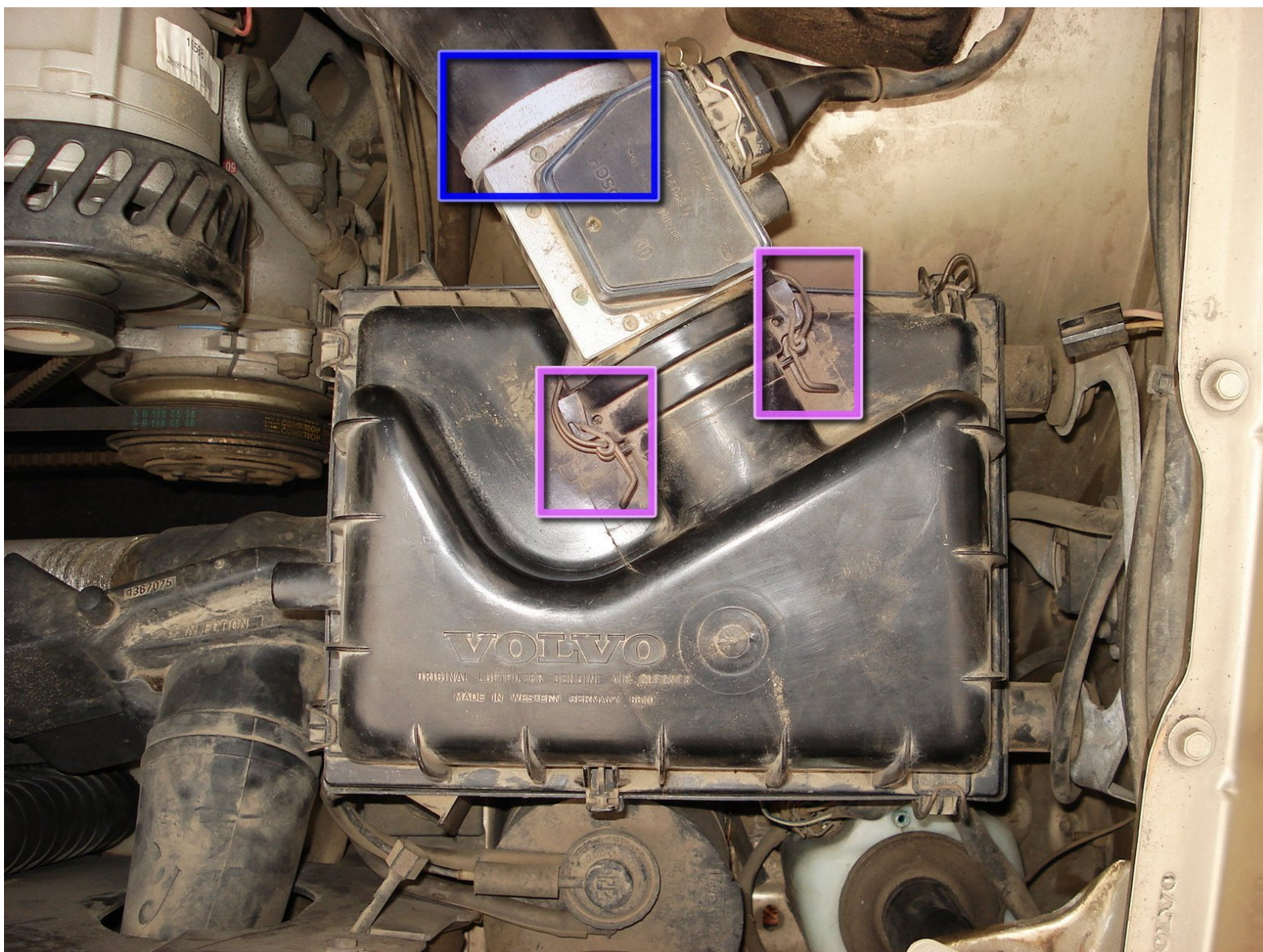




1985-1988 Volvo 740 Mass Air Flow (MAF) Sensor Maintenance

The mass air flow sensor measures the amount of air flowing through the engine. It must be cleaned/replaced to ensure the car runs properly.

Written By: Isaac Nitschke



This document was generated on 2021-01-26 01:35:08 PM (MST).



TOOLS:

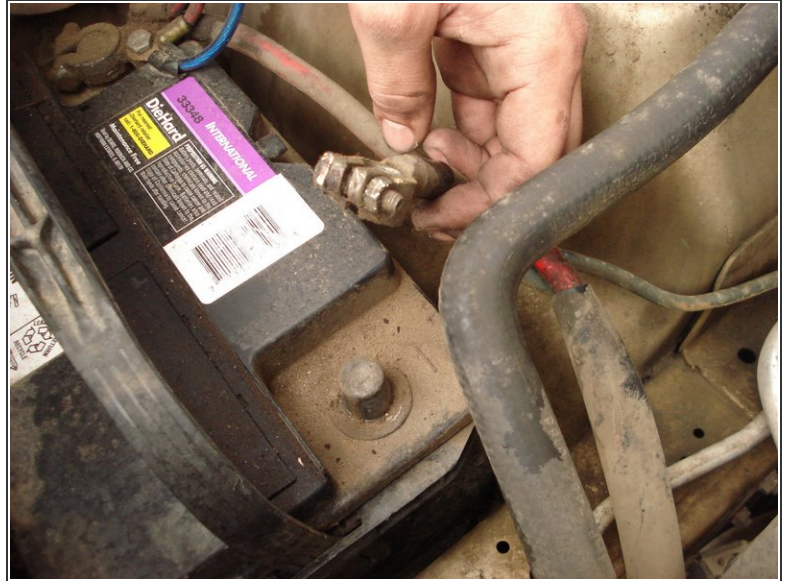
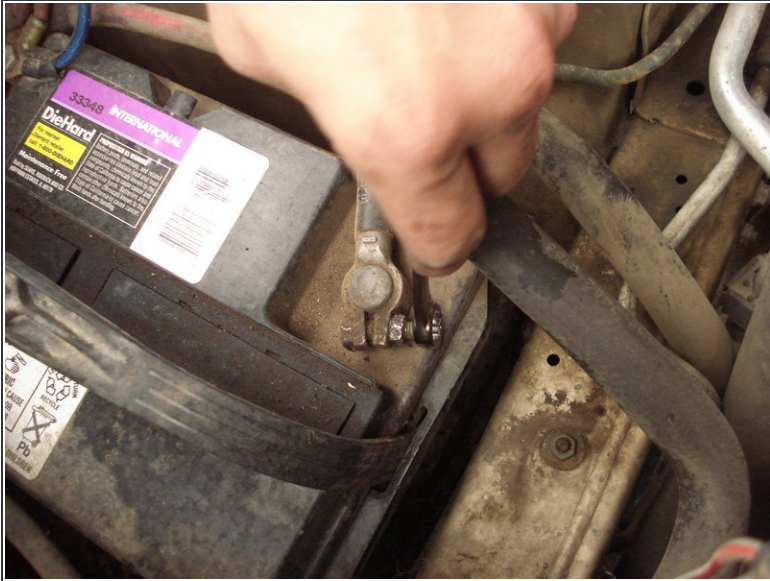
- [Flathead Screwdriver](#) (1)



PARTS:

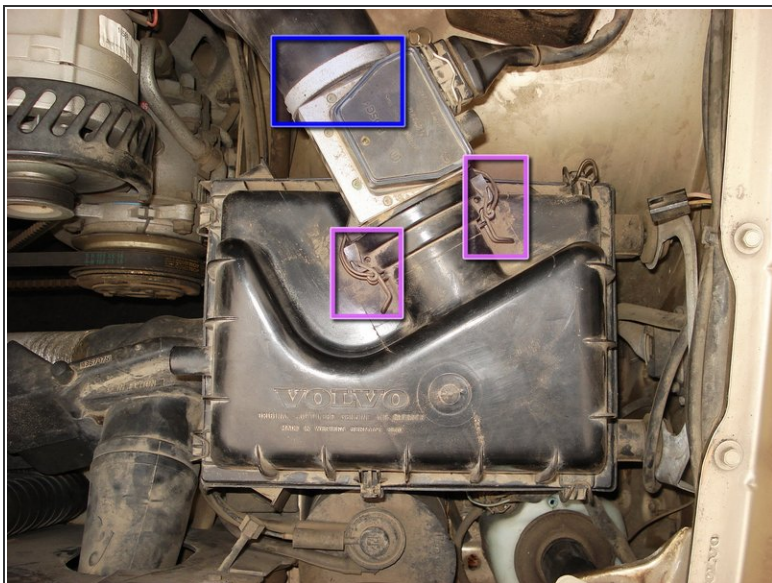
- [Mass Air Flow Sensor cleaner](#) (1)
- [Automotive Electrical Cleaner](#) (1)
- [Dielectric cleaner](#) (1)

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 dissapate. It is good practise whatever the job

Step 2 — 1985-1988 Volvo 740 Mass Air Flow (MAF) Sensor Maintenance



- Unlatch the two clasps, as outlined in the image.
- Loosen the screw on the metal band, using a flathead screwdriver.

Step 3



- Disconnect the electronic sensor from the MAF.
- Press on the 2 latches, pulling the cable away from the sensor.

Step 4



- Disconnect the rubber hose from the MAF.
- Remove the MAF from the air filter housing.

Step 5



- ① Steps 4-6 are for cleaning only.
- Spray the MAF cleaner along the direction of travel, shown by the arrow on top of the sensor.
- (Mass Air Flow sensor Cleaner)

Step 6



- Clean the electronic coupling with an electronics cleaner.

Step 7



- Inject conducting lubricant into the MAF sensor electronic coupling.

Step 8



- Reattach the MAF to the air filter housing and the intake hose.
- Tighten the screw on the metal band.
- Latch the clasps on either side of the MAF.

Step 9



- Reattach the electronic cable to the MAF.

To reassemble your device, follow these instructions in reverse order.