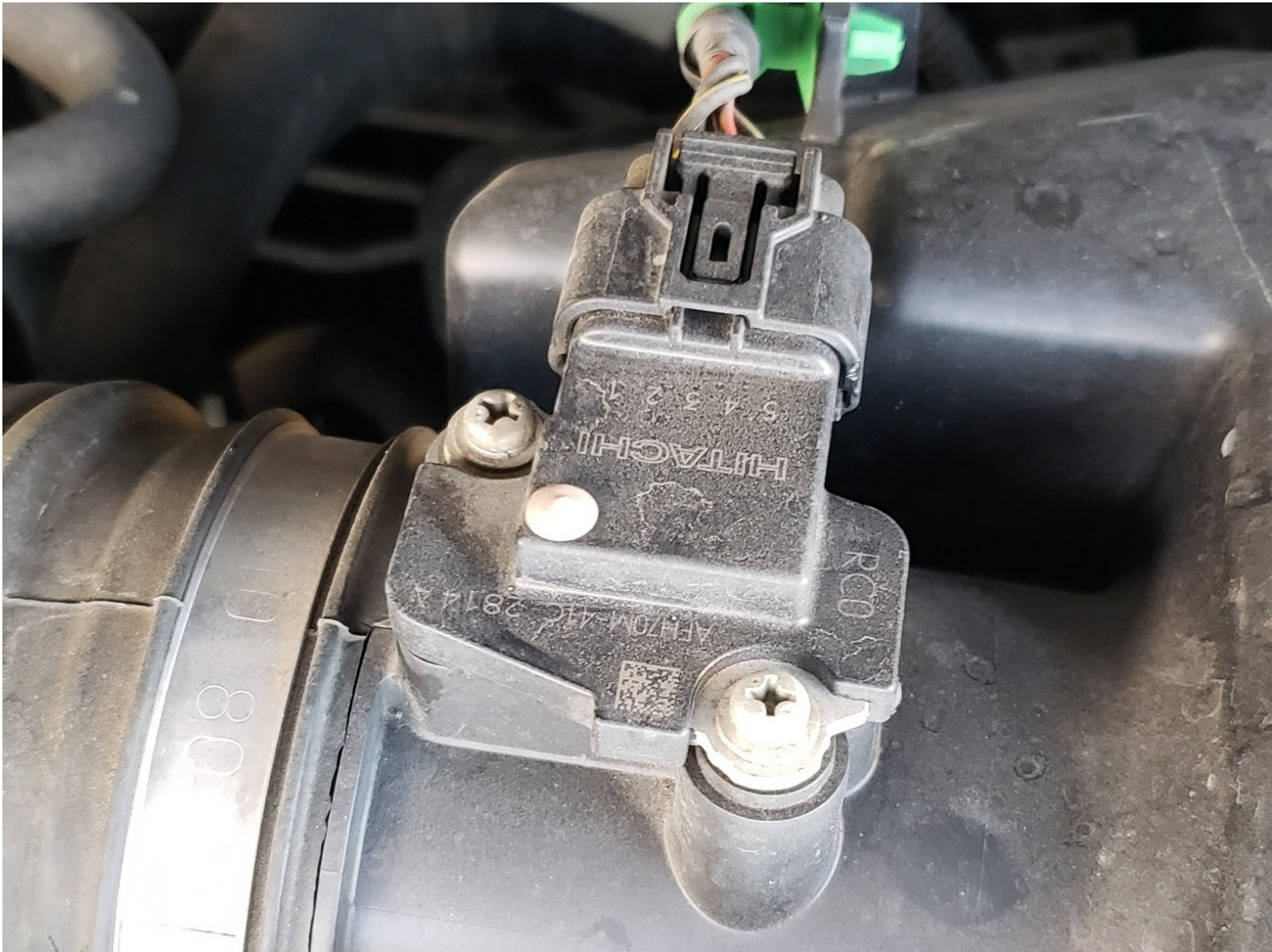




# 2013 Acura ILX Mass Air Flow Sensor Replacement

How to replace the mass air flow sensor on a 2013 Acura ILX.

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## INTRODUCTION

A mass air flow sensor monitors the amount of air entering the engine in order to gauge how much fuel is needed for the perfect air/fuel ratio. For this reason, it's important for it to function correctly. This guide will walk you through the process of replacing the mass air flow sensor from start to finish.



### TOOLS:

- [Phillips #2 Screwdriver](#) (1)
- [10mm Wrench](#) (1)
- [Shop Towels or Rags](#) (1)



### PARTS:

- [2013 Acura ILX air flow sensor](#) (1)

## Step 1 — Mass Air Flow Sensor

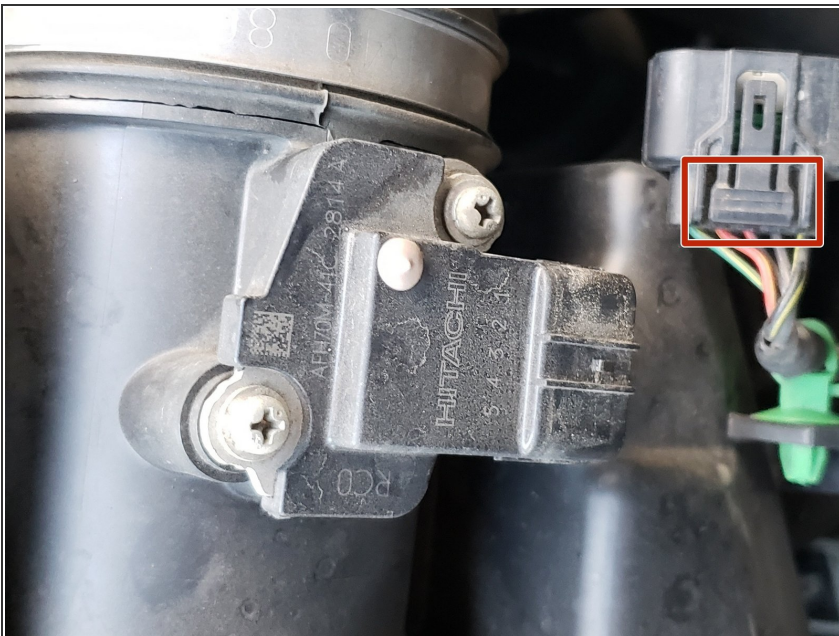


- Disconnect the battery terminals by first loosening them with a 10 mm wrench.

⚠ Always remove the negative terminal first to prevent shorting to ground and possibly causing shock or even a fire.

⚠ Make sure the car is off and the the key is out of the ignition.

## Step 2



- Squeeze the clip on the top side of the wiring connector and pull out to remove it.

⚠ Do not touch the connections with your fingers, it may bend the needles and cause malfunction.



### Step 3



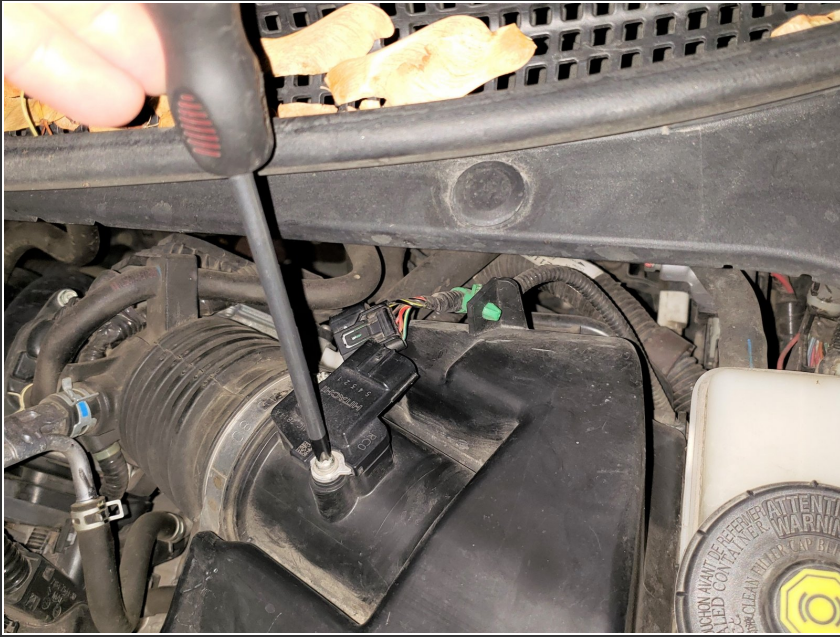
- With a Phillips screwdriver, unscrew the two bolts that hold the sensor in place.
- Pull the sensor up slowly to take it out of its casing

### Step 4



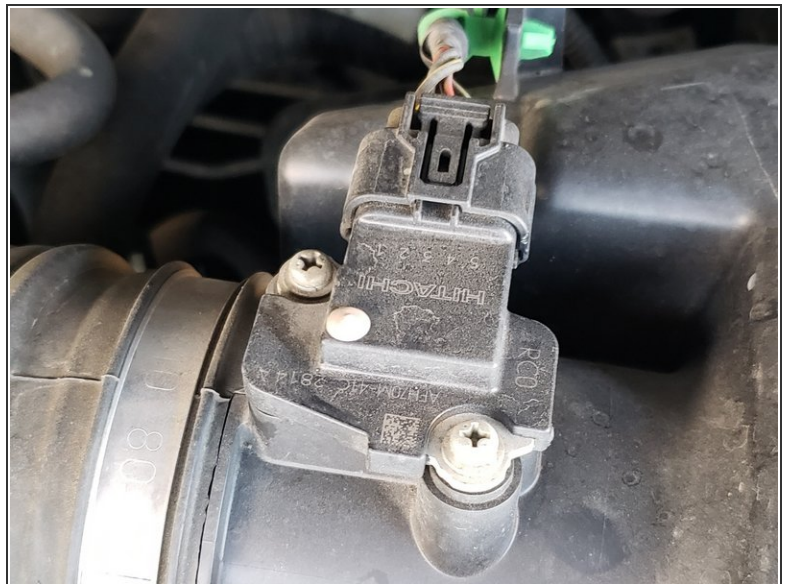
- With a cloth towel, clean the surface from any dirt or oil.
- ⓘ Try not to have anything fall into the opening where the sensor is positioned.

## Step 5



- Insert the new sensor and secure it down using the Philips screwdriver.

## Step 6



- Connect the wiring harness back on the sensor.

Your car is fixed! The new sensor will improve the performance of the vehicle.