



Mass Air Flow Sensors

Refer to an authorized original equipment service manual for detailed installation instructions. If you do not have the experience, proper tools or manuals, please seek the services of a qualified technician.



**Replacement
TIME:**

<1 hr

COMMON SYMPTOMS

- Check engine or service engine light is on
- Engine is hard to start
- Engine stalls shortly after starting
- Engine hesitates under a load
- Excessive fuel consumption

BEST MAINTENANCE PRACTICES

- Replace your air filter to assure the best MAF sensor performance
- Aftermarket high air flow filters are not recommended
- Check plug terminal connections are clean and secure
- Check for vacuum leaks



**SKILL
LEVEL:**

Service Technician

C

or higher

TIPS

- Vacuum leaks, whether major or minor affect fuel trim adjustments made by the powertrain control module (PCM) and will most likely set diagnostic trouble codes that can be misinterpreted as a defective MAF sensor.
- A clogged air filter, faulty injector(s) or bad sensors can cause symptoms that can be misinterpreted as a defective MAF sensor.
- High-flow oil impregnated air filters are not recommended. Use of this filter type can result in a contaminated sensor element, leading to miscalculation of the air entering the engine.
- Transfer the connector weather seal or fastening hardware from the old unit, if you're specific MAF sensor is so equipped.
- Do not use old mounting gasket if MAF sensor is so equipped, but replace with a new gasket.
- Clear all diagnostic trouble codes with a suitable scanner after installation.

MYTH BUSTER

Myth: Mass air flow sensor screen removal will increase horsepower.

Busted: Without the screen the air flow entering the engine becomes turbulent resulting in incorrect readings from the MAF sensor to the PCM.

**GOT QUESTIONS ABOUT THIS PART?
CALL 888-280-8324**

Monday-Friday