

2014-2019 Toyota Highlander | Moderate | 1-2 hours | \$95 DIY

TOOLS

Metric/SAE socket set, ratchet, and extensions
Trim tool or pick for intake clamps and electrical locks
Flashlight, clean shop towels, and a scan tool
MAF-specific sensor cleaner if diagnosis calls for cleaning before replacement
Nitrile gloves and safety glasses

PARTS

MAF sensor for 2015-2024 Toyota Highlander; verify engine, connector, calibration, and VIN \$95.00

STEPS

- 1 Confirm the MAF diagnosis and fitment - Scan the 2015-2024 Toyota Highlander and record** codes, fuel trims, airflow data, and symptoms. Inspect the air filter, intake boot, clamps, wiring, connector, and vacuum leaks before condemning the sensor; confirm the new part by VIN.
- 2 Switch off and expose the sensor - Park the 2015-2024 Toyota Highlander safely, switch** the ignition off, and remove the engine cover or intake duct needed to reach the MAF housing. Photograph connector and airflow-direction orientation before unplugging anything.
- 3 Disconnect the intake and connector - Release the 2015-2024 Toyota Highlander electrical** lock without pulling the wires, then loosen the intake clamp or housing fasteners. Keep the open intake and airbox clean so no grit reaches the throttle body or engine.
- 4 Remove and inspect the old sensor - Remove the MAF sensor straight out using the correct** driver and set it on a clean towel. Inspect the seal, housing, intake duct, connector pins, and sensing element; do not reuse a torn seal or damaged housing.
- 5 Install the replacement sensor - Install the replacement 2015-2024 Toyota Highlander MAF** sensor in the original airflow direction with its seal seated. Start screws by hand, tighten to the exact service-manual value, and reconnect the electrical plug until its lock clicks.
- 6 Seal the intake system - Refit the airbox lid, intake duct, clamps, engine cover, and any** brackets. Verify the duct is fully seated, the clamps are tight, the air filter is correctly positioned, and no tool or rag remains in the intake.
- 7 Clear codes and verify readings - Use the appropriate scan-tool reset or relearn** procedure for the 2015-2024 Toyota Highlander, start the engine, and check for leaks, abnormal idle, warning lights, and plausible live MAF data. Complete the required drive cycle and do not d...