

RT Off-Road Throttle Body Spacer - Installation Guide

Installation Time: 30 Minutes

Tools Required:

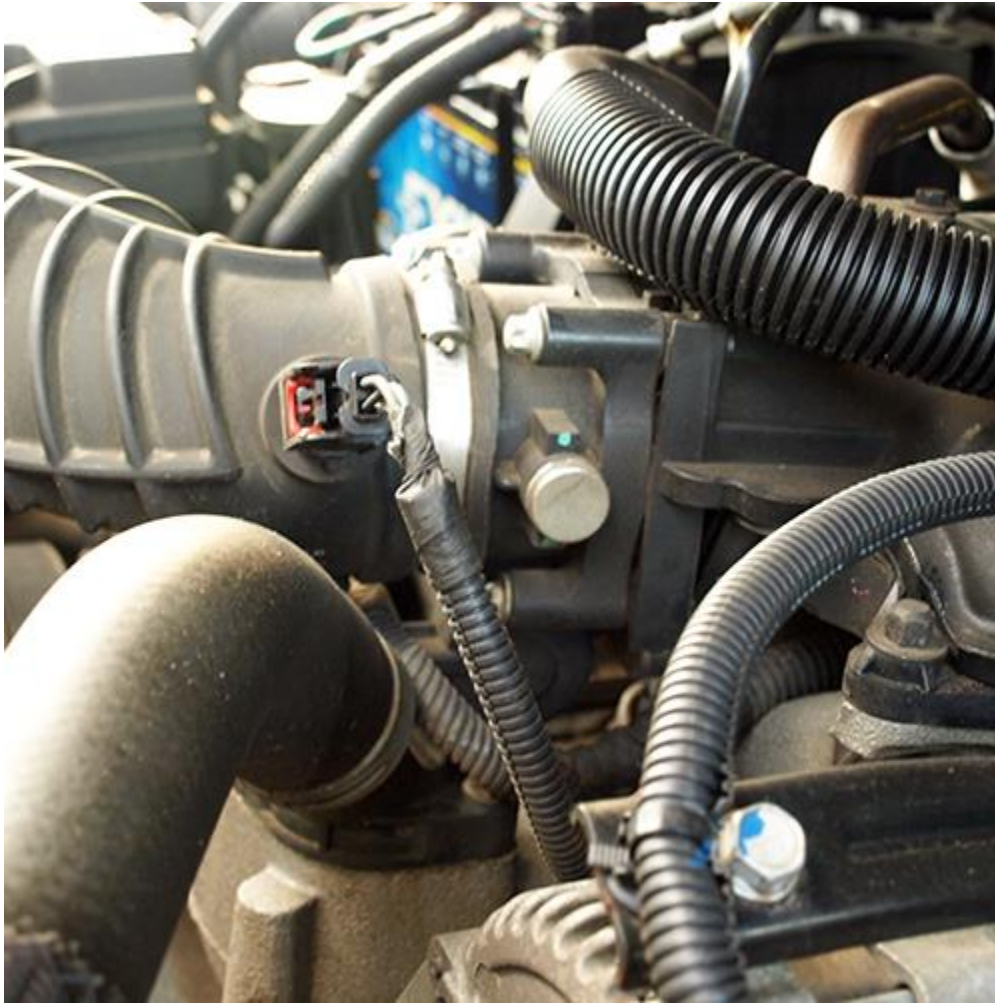
- ✓ 5/16 Ratchet or Socket Wrench with 5/16 Socket
- ✓ Standard (Flat Head) Screwdriver
- ✓ Optional: Powered Screwdriver with Socket adapter and 5/16 Socket

These instructions are only meant for the installation of the throttle body spacer for the 3.8L V6 engine.

Parts List: 4 – Long Bolts, 4 – Washers, 1 – Throttle Body Spacer and 1 – Cork Gasket



Before Install



Installation Instructions:

1. Use a standard (flat head) screwdriver or power screwdriver with 5/16 socket to loosen the screws on the hose clamps that secure the air hose to the throttle body and airbox.



2. You can remove the air sensor or leave it attached to the air hose. Be careful not to damage the sensor taking it out or placing it back into the air hose.



Important Note: If you chose to leave the air sensor in the air hose, place the air hose to the right as shown below. Remember to be careful not to damage the air sensor.



3. Remove the four bolts securing the throttle body to the intake manifold using a 5/16 socket. These bolts will be replaced with the longer ones that are supplied with the new throttle body spacer.



4. Pull the throttle body away from the intake manifold. Place the loose throttle body so that it does not fall.



5. With the supplied four long bolts and four washers. Place a wash on to each bolt.



6. Place the throttle body spacer against the intake manifold and cork gasket facing the throttle body. Now place the throttle body against the cork gasket and start to thread the bolts with washers through the throttle body spacer and into the intake manifold.



Important Note: When threading the bolts through the throttle body and spacer, start with the bottom right bolt (shown below with the green arrow).



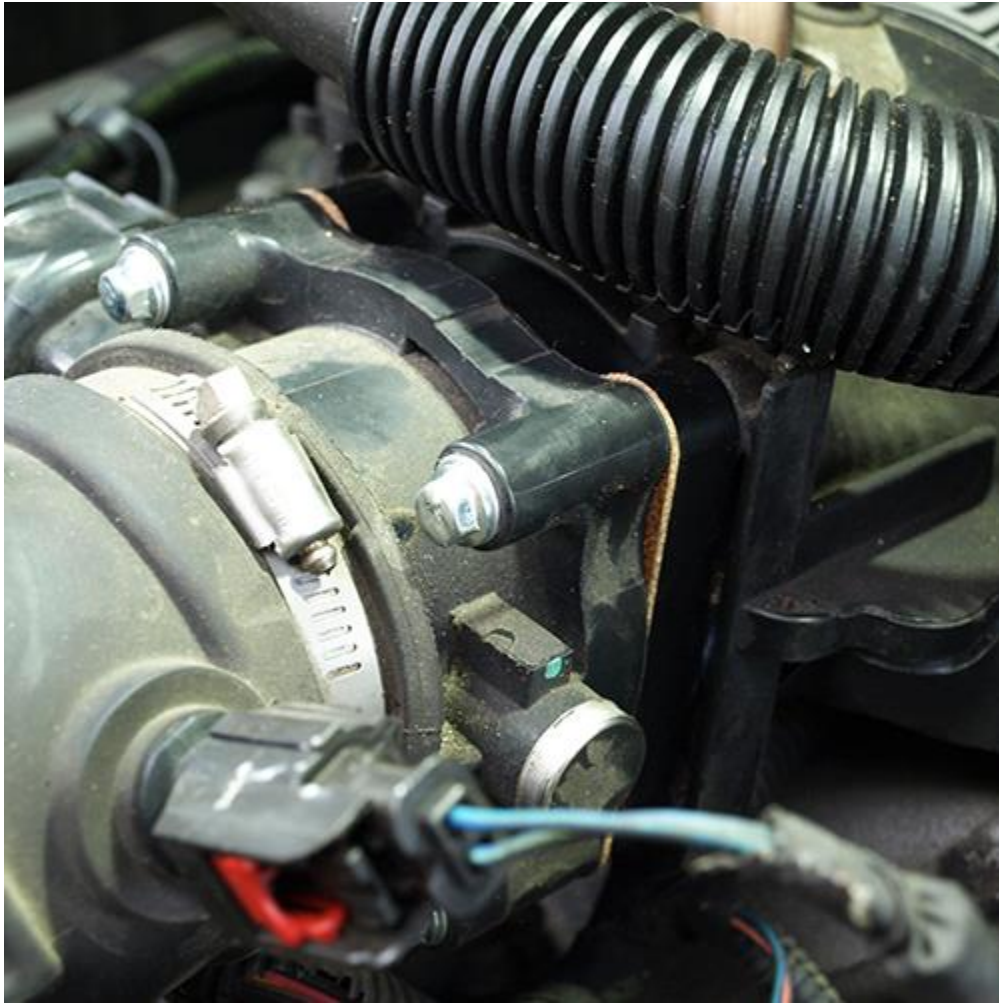
7. Tighten the bolts making sure not to overtighten as you could damage the throttle body.



8. Reattach the air hose to the throttle body and air box. Tighten the hose clamps with the standard (flat head) screwdriver or power screwdriver with 5/16 socket.



After Install



Installation Instructions Written by ExtremeTerrain Customer Brian Voelzke 06/01/2018