

# TEQSPORT 3<sup>rd</sup> GEN TACOMA 3.5L PLENUM SPACER INSTALLATION MANUAL



This Installation Manual is intended for the following models:	
2016-2023	Toyota Tacoma (3.5L)

**PROLOGUE:**

Study these instructions completely before proceeding to assembly. The installer must have a thorough knowledge of automotive systems operation. If unfamiliar with any of the concepts outlined in this instruction, we recommend the installation be completed by a qualified professional.

**WARNING!**

Extreme caution should be taken when performing maintenance or performance upgrades to your vehicle. Please observe and abide by any Warning or Caution labels placed on the various components and tools used when servicing your vehicle. If you have any questions regarding installation or the various components included with the TEQSPORT 3<sup>rd</sup> Gen Toyota Tacoma 3.5L Plenum Spacer, consult with a Professional Mechanic, or contact TEQSPORT for more information.

## **PARTS INCLUDED:**

Item	Quantity	Description
1	1	Plenum Spacer
2	1	Plenum Spacer Gasket
3	3	Angled Bracket
4	3	M8 x 1.25 Flanged Hex Head Screw, 16mm
5	7	M8 x 1.25 Flanged Hex Head Screw, 65mm
6	7	M8 Washer
7	3	M8 x 1.25 Nut
8	1	Flat Bracket
9	1	Small Washer

## **TOOLS REQUIRED:**

- Ratchet
- Ratchet Extension(s)
- Assorted Metric Wrenches
- Assorted Metric Sockets
- Torque Wrench
- E8 TORX Socket
- Pliers

## **SAFETY REQUIREMENTS:**

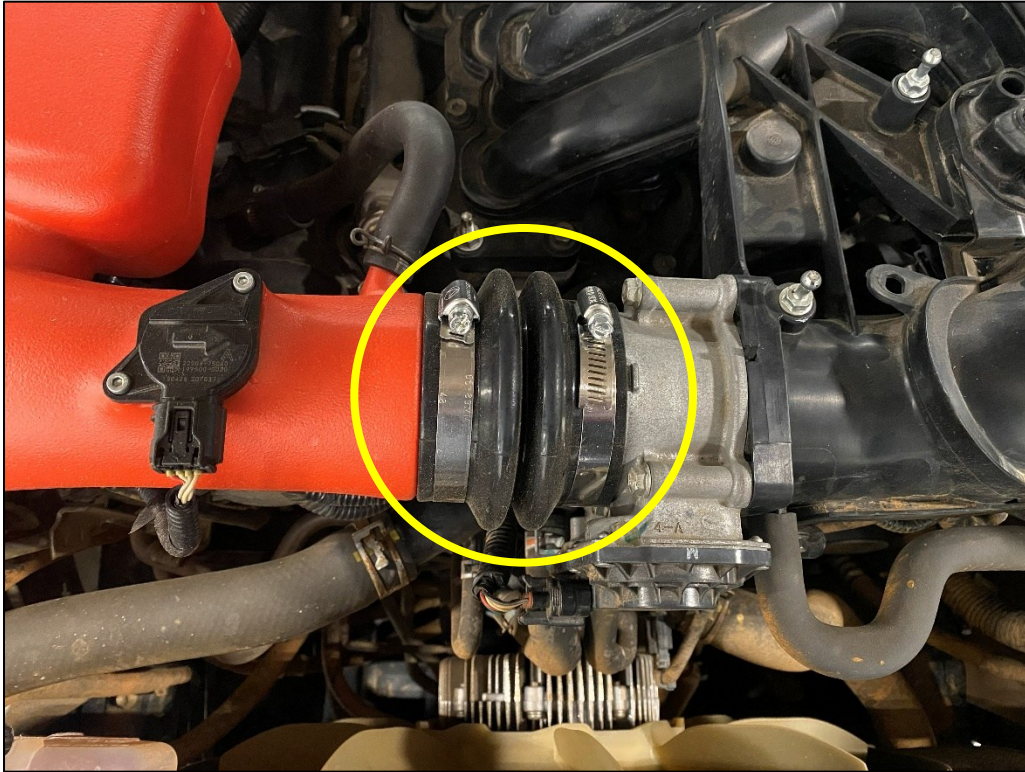
- Always wear safety glasses and any necessary protective garments. If using any fluids, chemicals, or solvents, a respirator is recommended.
- Always turn the ignition to the OFF position and disconnect the NEGATIVE battery terminal.
- Always use properly rated jack stands when working under your vehicle.
- Always keep limbs and parts away from moving drivetrain parts.
- Only operate drivetrain in a safe space and well-ventilated areas.

## **BEFORE YOU BEGIN:**

Remove contents from the TEQSPORT 3<sup>rd</sup> Gen Tacoma 3.5L Plenum Spacer and verify that ALL necessary hardware is present.

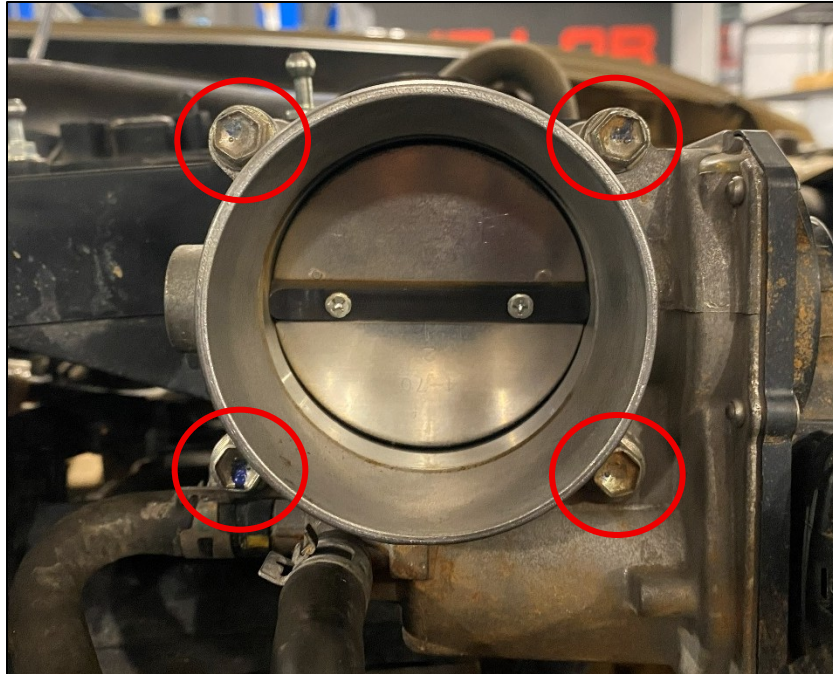
## **PROCEDURE:**

1. Place the transmission in Park position (or in Reverse gear if equipped with a manual transmission). Apply the parking brake.
2. Open and support the hood of the vehicle.
3. Remove the Plastic Engine Cover if applicable.
4. Disconnect the Air Intake from the Throttle Body. *Figure 1.*



*Figure 1*

5. Remove the (4) four bolts securing the Throttle Body to the Upper Manifold. Once the Throttle Body is loose, it can be moved aside in the engine bay. *Figure 2.*



*Figure 2*

6. Disconnect the (3) three bolts on the front and driver side of the Upper Manifold that connect the Manifold to the support brackets. *Figure 3.*

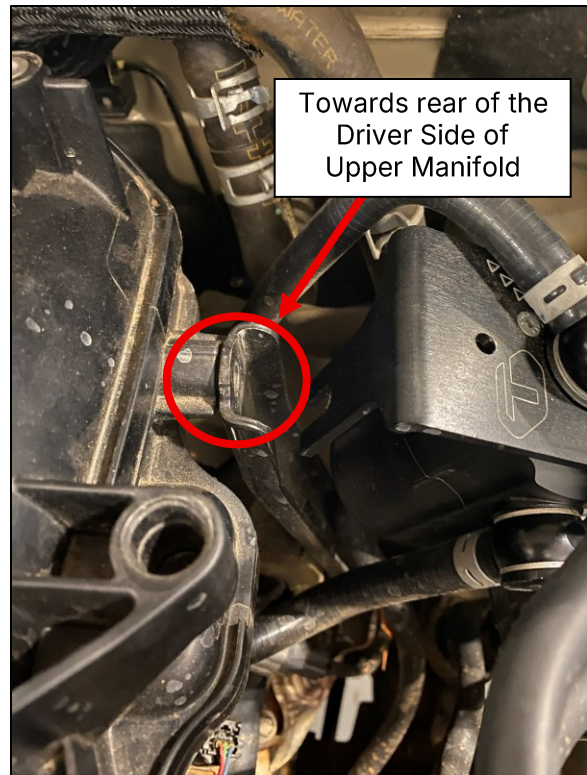
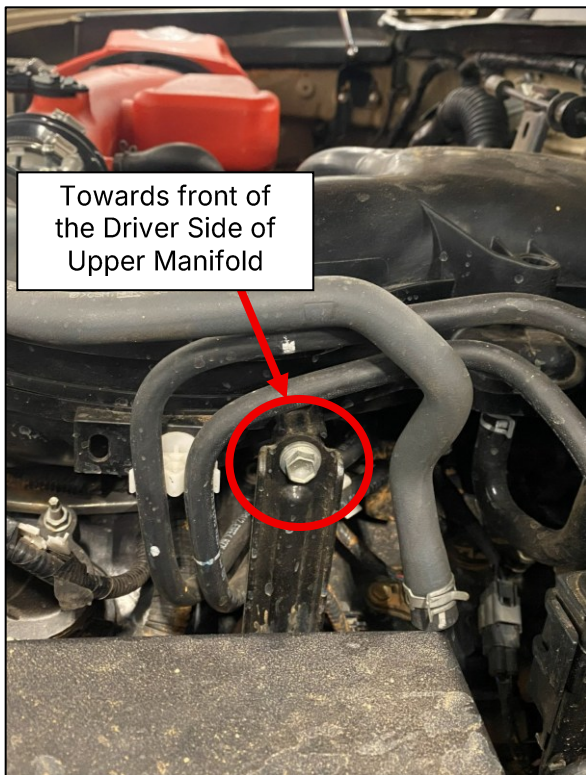
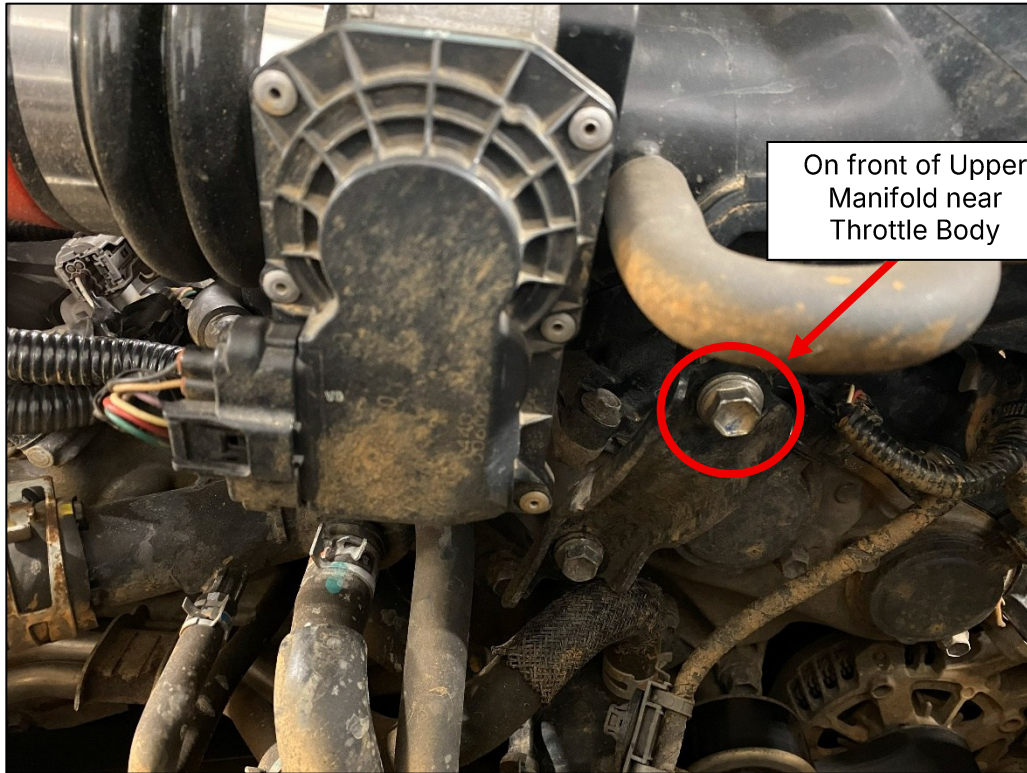


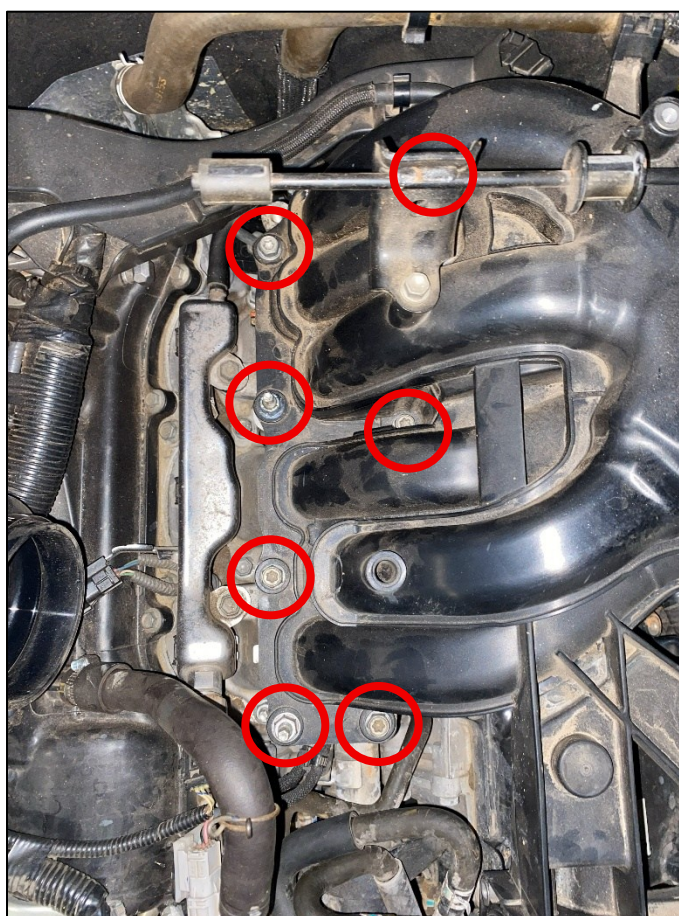
Figure 3

7. Disconnect the (1) one electrical connector on the back side of the Upper Manifold on the driver's side. *Figure 4.*



*Figure 4*

8. Remove the (7) seven nuts and bolts securing the Upper Manifold to the Lower Manifold. *Figure 5.*



*Figure 5*

9. Raise the Upper Manifold off of the studs and flip it over and out of the way. Some Hoses and other connectors may need to be disconnected if they bind. *Figure 6.*



*Figure 6*

10. Cover the runners of the Lower Plenum to prevent debris from falling in.
11. Clean the mating surface of the Lower Plenum and remove all oil and dirt.
12. Locate the Plenum Spacer and Plenum Spacer Gasket. Install the Gasket into the Plenum Spacer as shown. The Gasket will only go in one way. *Figure 7.*



*Figure 7*

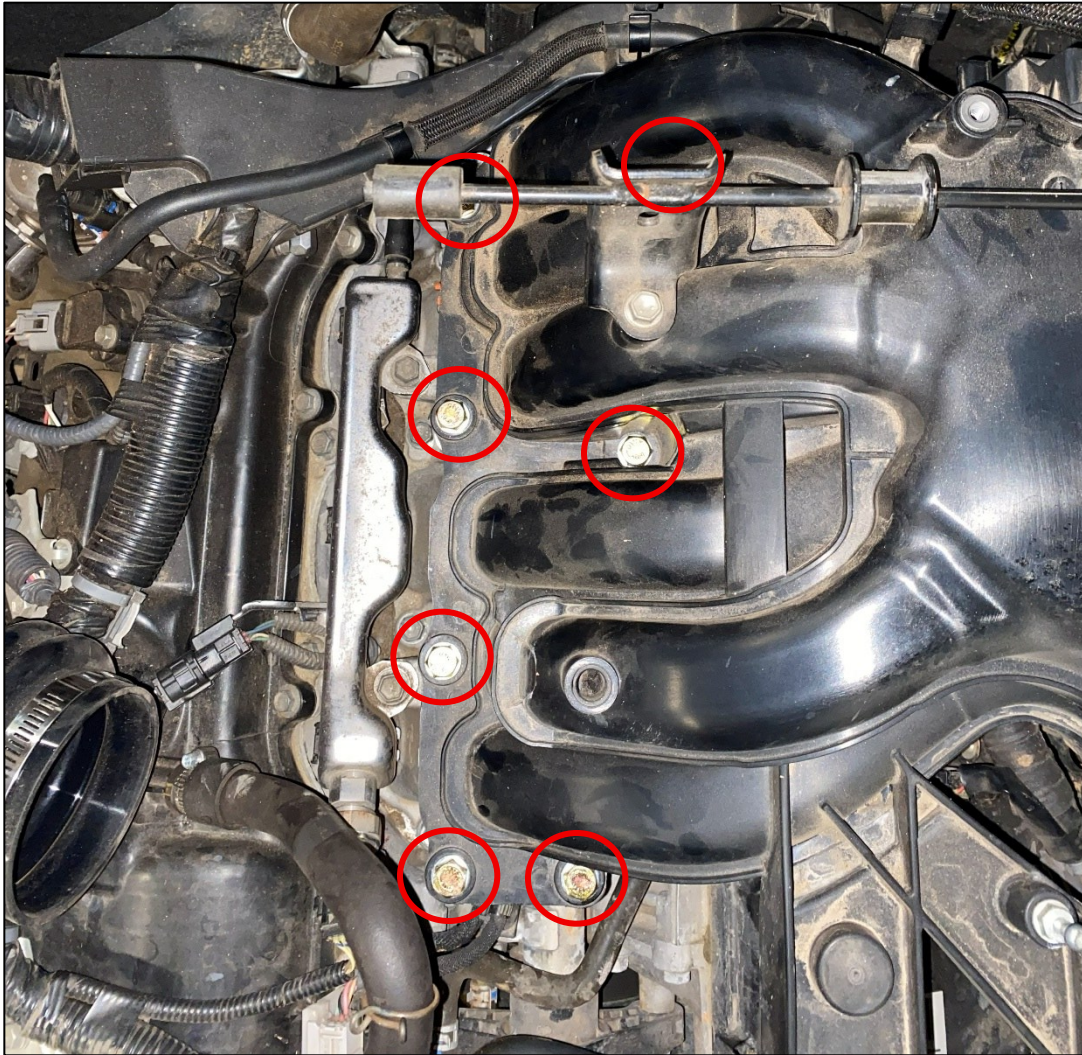
13. Position the Plenum Spacer with the Gasket facing down on the Lower Intake Manifold and line up the mounting holes. The Tegsport logo should face the front of the vehicle. Make sure the Gasket is not dislodged when placing the Spacer on the Manifold. *Figure 7.*



*Figure 8*

14. Reposition the Upper Manifold over the Plenum Spacer. Be careful not to move the Plenum Spacer when doing this.

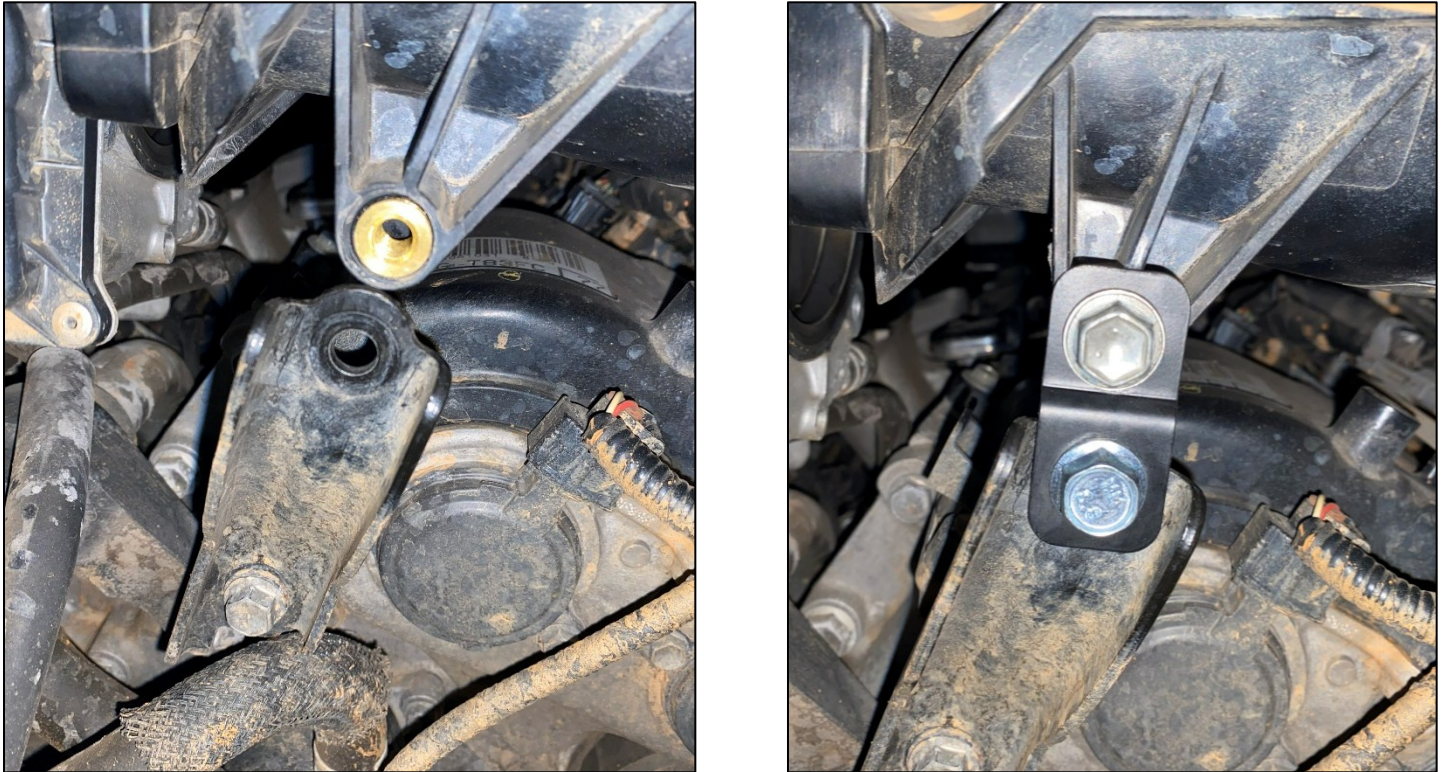
15. Locate (7) seven M8 x 1.25 Flanged Head Screws, 65mm and (7) seven M8 Washers. Place (1) one washer on each bolt, then install the bolts into the Upper Plenum, Plenum Spacer and Lower Intake Manifold. *Figure 9.*



*Figure 9*

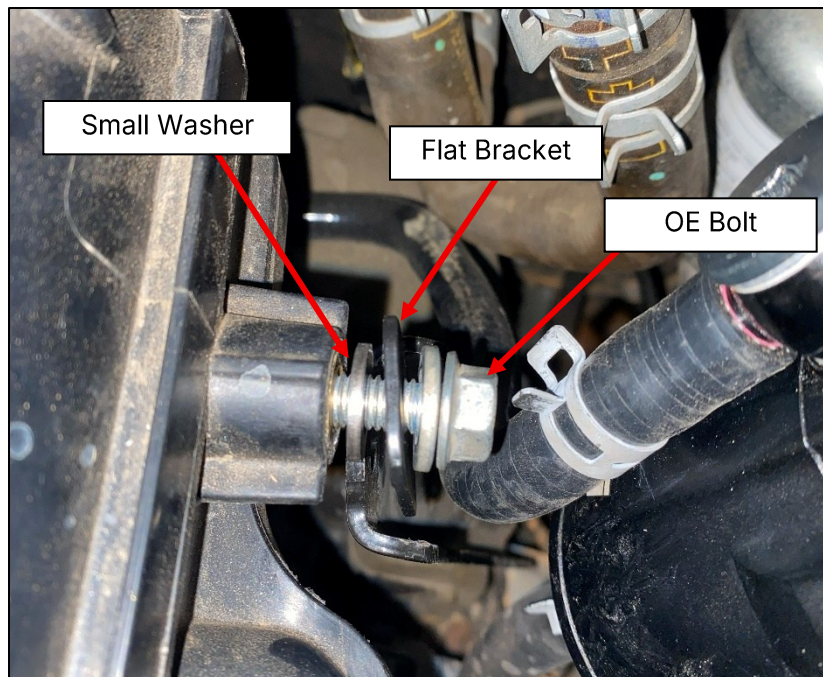
16. Tighten the (7) seven bolts starting from the middle bolts and working to the outside. Torque to **18 ft-lbs.**

17. Locate the (3) three Angled Brackets, (3) three M8 x 1.25 Flanged Head Bolts, 16mm, and (3) three M8 x 1.25 Nuts. On the (3) three locations where the bolt was removed from the Support Bracket to the Upper intake Manifold in *Step 6*, install the Angled Brackets with the OE Bolt on top, and a M8 Nut and Bolt on the Bottom. *Figure 10*.



*Figure 10*

**NOTE:** If you are using the TEQSport Catch Can, the Flat Bracket with a Small Washer must be used instead of the Angled Brackets. The Catch Can will still be attached to the Upper Manifold in the same spot. *Figure 11*.



*Figure 11*

18. Follow *Steps 3-7* in reverse order to reinstall the Throttle Body, Air Intake and any other components that were disconnected to remove the Upper Intake Manifold.

**END**

**Additional Technical Support:**  
Contact TEQSPORT at [info@teqsport.com](mailto:info@teqsport.com)  
Or call 770-832-7184 between 9am and 6pm ET