



# Silver Bullet®

Throttle Body Spacer

PN 46-38011

**NOTE: Visit our website for the latest and complete list of applications for this part number.**

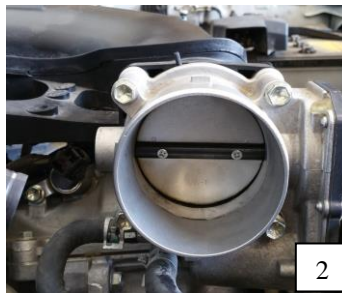
Make	Model	Year	Engine
Toyota	4Runner	2010-2020	V6-4.0L
Toyota	FJ Cruiser	2010-2019	V6-4.0L

## INSTALLATION INSTRUCTIONS

**IMPORTANT: Please verify all parts listed in PARTS LIST are included and read all instructions before you begin installation.**

1. Remove the engine cover by gently pulling up on the front until it disengages from the mounting grommets, then pulling towards the front of the vehicle. Locate the air intake tube. Using a 10mm socket and driver, remove the bolt securing it to the support bracket. Loosen the two clamps on the intake tube using a 10mm nut driver. Disconnect the Crank Case Vent (CCV) connector from the rear of the intake tube by squeezing the large release tab and gently pulling back on the CCV line. Disconnect the additional vacuum line from the back side of the resonance chamber by gently pulling it towards the rear of the vehicle to disengage from the plastic nipple. Remove the intake tube from the vehicle.
2. Remove the four bolts from the front of the throttle body using a 10mm socket and driver. Make sure not to let the throttle body hang by the wire harness after the screws are removed. **NOTE: Do not discard factory hardware in the event vehicle must be returned to stock.**
3. Prepare the new hardware by placing a lock washer and flat washer over each of the four new screws provided. Make sure that the gasket goes between the Silver Bullet spacer and the throttle body.
4. Install the spacer into the intake manifold with the "AIR IN" engraving facing up and facing away from the manifold as shown.
5. Place the gasket on the engraved side of the spacer and position the throttle body over the top of the gasket/spacer in the same orientation as it was originally. Using the new hardware, put provided screws and washers into each of the four holes and tighten them first by hand before tightening with the 10mm socket and driver.
6. Reinstall the intake tube into the vehicle and tighten the two clamps using a 10mm nut driver. Reconnect the CCV line by sliding the line over the fitting and re-engaging the clamp. Using a 10mm socket and driver, reattach the intake tube to the support bracket with the same bolt that was removed during Step 1 (It may be necessary to loosen the base of the bracket for alignment). Replace the engine cover.
7. Check all connections, hardware, and clamps to make sure that everything is secured properly.

**NOTE: This part has been exempt by the California Air Resources Board (C.A.R.B.) and issued an Executive Order (E.O.). If part does not come with C.A.R.B. E.O. sticker already placed on device, it is necessary to place the sticker on or near the device on a smooth, clean surface. The C.A.R.B. E.O. sticker is required to pass the smog test inspections in the state of California. Your installation is now complete!**



### Parts List

- 1 aFe Silver Bullet Spacer
- 1 Spacer Gasket
- 4 M6x1x60mm Screws
- 4 M6 Lock Washer
- 4 M6 Flat Washer
- 1 CARB E.O.sticker

### Tools Needed

- 10mm socket and driver
- 10mm nut driver

**advanced FLOW engineering, Inc.**

252 Granite Street, Corona, CA 92879

For TECHNICAL and INSTALLATION SUPPORT, please call 951-493-7185 M-F 7:00am-5:00pm PST; OR email Tech@afepower.com (send photos if helpful). All other calls, please use our main line at 951-493-7100

[www.aFePower.com](http://www.aFePower.com)

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