



# Silver Bullet

Throttle Body Spacer

PN 46-33010

## Important!

Please verify the parts list and read all instruction steps before you begin installation.

Make	Model	Year	Engine
Ford	F-150	2011	V8-5.0L

1. Remove the intake tube. (aFe intake shown)
2. Loosen the two hose clamps securing the intake tube to the throttle body and intake housing.
3. Remove the two rubber hoses that are attached to the backside of the intake tube, and then disconnect the Mass Air Flow (MAF) sensor.
4. At this point, remove the intake tube from the vehicle and set aside for future reinstallation.
5. Using a 10mm socket, remove the 4 bolts that secure the throttle body to the intake manifold.
6. Once the throttle body is removed, you are ready to install your **Silver Bullet** throttle body spacer.
7. Begin by placing the **Silver Bullet** spacer up against the intake manifold with the "AIR IN" side facing out.
8. Place the provided gasket between the throttle body and the **Silver Bullet** spacer.
  - Note: Slide the provided bolts through the MAF, gasket, and **Silver Bullet** spacer to hold the components together for an easier install.
9. Using the provided M6x1x70mm bolts and washers, secure the throttle body to the intake manifold.
10. Re-install the intake tube and tighten the hose clamps.
11. Connect both of the hoses to the intake tube and reconnect the MAF sensor.
12. Your installation is now complete.



### Parts List

- 1 aFe Silver Bullet Spacer
- 1 Gasket
- 4 M6 x 70mm bolts
- 4 M6 lock washers
- 4 M6 flat washers