



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 | 2011-2016 | 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

advanced FLOW engineering

252 Granite Street, Corona, CA 92879

Support: 951-493-7100

www.aFePower.com



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| Make | Model | Year | Engine |
|------|---------|-----------|---------|
| Ford | Mustang | 2011-2014 | V8-5.0L |

1. Remove the engine cover.
2. Remove the stock intake tube. This consists of removing the 3 hoses that are attached to the backside of the intake tube, loosening the hose clamps with either a flat head screwdriver or an M8 nut driver, unclipping the hose that rests on the top of the intake tube, and finally removing the intake tube.
3. Unbolt the throttle body from the intake manifold using a 10mm socket.
4. Pull the throttle body away from the intake manifold. Place the new **Silver Bullet** throttle body spacer against the intake manifold with the "AIR IN" side facing out. Place the supplied gasket between the throttle body and the **Silver Bullet** throttle body spacer.
5. With the gasket and **Silver Bullet** spacer properly installed, secure the throttle body to the



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- 1 Gasket
- 4 M6 x 70mm bolts
- 4 M6 lock washers
- 4 M6 flat washers

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