



# Silver Bullet

## Throttle Body Spacer

### PN 46-33001

### INSTALLATION INSTRUCTIONS

**NOTE: This kit includes parts for several applications. Please verify the Parts List and read all instruction steps before you begin installation.**

**For the most up-to-date application list for this part number, please visit our website.**

**Make:** FORD Trucks and SUVs

Model	Year	Engine	Model	Year	Engine
Excursion	99-04	5.4L	F-250 Super Duty	99-04	5.4L
Expedition	97-06	4.6L	F-350 Super Duty	99-04	5.4L
Expedition	97-04	5.4L	Lincoln Mark LT	06-08	5.4L
F-150	97-10	4.6L	Lincoln Navigator	98-01	5.4L
F-150	97-03	5.4L			

1. If equipped with an engine sight cover, loosen and remove. Disconnect the air inlet tube from the throttle body. Loosen and remove the factory throttle cable bracket from the intake manifold.
2. Install the cable extender brackets onto the intake using the 6mm countersunk bolts.
3. Reattach the factory throttle cable bracket to the extender brackets using the two original bolts that attach into the threaded holes.
4. Loosen and remove the four bolts that secure the throttle body to the intake manifold; and remove the old gasket. If equipped with a plastic spacer, remove it.
5. Install supplied gaskets on each side of the aFe throttle body spacer. (The "AIR IN" engraved side should face the throttle body.) Attach to throttle body and then to the intake manifold. Using washers and bolts specific to your vehicle, secure to the intake manifold. (See list below.) Tighten bolts to 10 Nm (89 lb/in).

Application/Bolts to Use

For 97-03 4.6L, use 50mm bolts

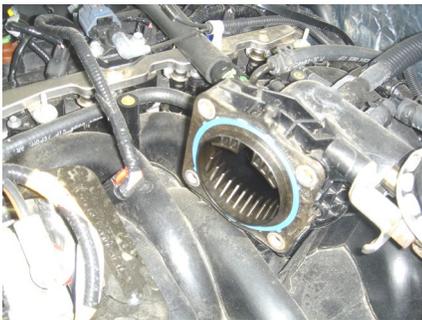
For 97-03 5.4L, use 60mm bolts

For 04-07 4.6L w/ aluminum intake manifold, use 60mm bolts

For 06-08 4.6L w/ composite intake manifold, use the 80mm bolts

6. Reattach the air inlet tube (and engine sight cover if equipped.) Your installation is complete.

**NOTE: This part has been exempted 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 sticker on or near the device on a smooth, clean surface. The C.A.R.B. E.O. sticker is required to pass smog test inspections in the state of California.**



**PARTS LIST**

- (1) aFe Silver Bullet Spacer
- (2) Gaskets
- (4) 6mm x 80mm bolts  
*(use 06-08 4.6L w/ composite)*
- (4) 6mm x 60mm bolts  
*(use on 97-03 5.4L; 04-07 aluminum 4.6L)*
- (4) 6mm x 50mm bolts *(use on 97-03 4.6L)*
- (3) 6mm x 12 countersunk bolts
- (4) 6mm lock washers
- (3) 6mm cable extender brackets
- (1) California Air Resources Board  
(CARB) Executive Order (EO) sticker

**TOOL LIST**

- 10mm Socket and driver
- 4mm Allen wrench

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