



# Silver Bullet

Throttle Body Spacer

PN 46-33001

## Important!

This kit includes the parts for several different installations; please verify the parts list and read all instruction steps before you begin installation.

**Make:** FORD Trucks and SUV

Model	Year	Engine	Model	Year	Engine
Expedition	97-06	4.6L	F250 Super Duty	99-04	5.4L
Expedition	97-04	5.4L	F350 Super Duty	99-04	5.4L
Excursion	99-04	5.4L	Lincoln Mark LT	06-08	5.4L
F150	97-03	4.6L	Lincoln Navigator	98-01	5.4L
F150	04-10	4.6L			
F150	97-03	5.4L			

1. Loosen and remove the engine sight cover if equipped. Disconnect the air inlet tube from throttle body. Loosen and remove the throttle cable bracket from the intake manifold.
2. Install the cable bracket extender brackets onto intake using the 6mm countersunk bolts.
3. Reattach the factory throttle cable bracket to the extender brackets using the two original bracket bolts that attach to the threaded holes.
4. Loosen and remove the four bolts that secure the throttle body to the intake manifold and remove the old gasket. Also if equipped, remove the plastic spacer that may be installed.
5. Install a gasket, the aFe Silver Bullet throttle body spacer (AIR IN engraving side faces the throttle body), and another gasket and throttle body onto intake manifold. Using the washers and longer bolts secure the throttle body to intake manifold. Tighten the bolts to 10 Nm (89 lb/in). (Note: 97-03 4.6L uses 50mm long bolts, 97-03 5.4L uses 60mm bolts, 04-07 aluminum 4.6L intake manifold use 60mm bolts and 06-08 4.6L with composite intake manifold use the 80mm bolts)
6. Reattach the air inlet tube and engine sight cover if equipped.



### Parts List

- 1 aFe Silver Bullet Spacer
- 2 Gaskets
- 4 6mm x 80mm bolts
- 4 6mm x 60mm bolts
- 4 6mm x 50mm bolts
- 3 6mm countersink screws
- 4 6mm lock washers
- 3 6mm extender brackets

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