



# Silver Bullet

Throttle Body Spacer

PN 46-31004

## Important!

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

Model	Year	Engine
M3 (E36)	1992-1999	L6-3.0L
M3 (E36)	1992-1999	L6-3.2L

Note: Install was performed on a 1997 M3 equipped with the L6-3.2L engine and traction control.

*\* If you have an E36 L6-3.2L with traction control/ASC throttle body, supplementary instructions are in bold and are italicized. (If your E36 does NOT have traction control/ASC throttle body, then skip the bold/italicized instructions.)*

- Loosen the hose clamps on the intake tube. Disconnect the Mass Air Flow (MAF) sensor.  
***Disconnect the electrical plugs from the Automatic Stability Control (ASC) throttle body.***
- Remove the intake tube by carefully removing the Crank Case Vent (CCV) hose from the bottom of the tube and pulling it out of the vehicle. Remove the MAF sensor from the vehicle by unclipping the factory clips.
- Remove the (2) 10mm screws from the ASC throttle body and set the throttle body aside.***
- Remove the (4) 10mm screws from the primary throttle body and remove the bracket from the throttle body. Move the throttle body out of the way for now, but do not disconnect the hoses.
- Slide the provided gasket onto the back side of the new Silver Bullet throttle body spacer. Place the spacer into the intake manifold with the word "TOP" facing outward and in the top position.
- Fasten the throttle body assembly using the (4) furnished screws and washers (Note: The flat washer will go against the throttle body. The lock washer will be next between the flat washer and the head of the cap screw) . Torque the bolts to 10 Nm (89 lb/in).
- Reinstall the ASC throttle body and torque bolts to factory specifications.***
- Reinstall the factory intake tube. Be sure to connect the CCV hose to the bottom of the intake tube before tightening the hose clamps.
- Reconnect the electrical plugs. Reinstall the MAF sensor and clip it into place. Tighten both hose clamps.
- Retighten all clamps and screws after 100 miles of driving to verify that they didn't loosen up.



### Parts List

- 1 aFe Silver Bullet Spacer
- 1 gasket
- 4 M6 x 45mm screws
- 4 M6 lock washers
- 4 M6 flat washers

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