



Silver Bullet

Throttle Body Spacer

PN 46-31011

INSTALLATION INSTRUCTIONS

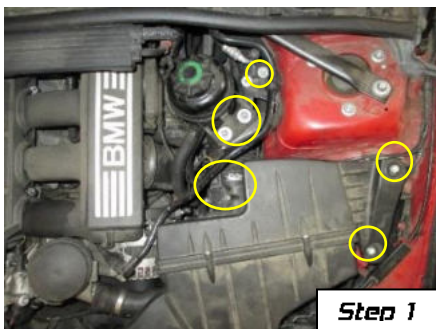
Important!

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

Year	Make	Model	Engine
2008-2013	BMW	128i	L6-3.0L
2006	BMW	325i/xi	L6-3.0L
2007-2013	BMW	328i/xi	L6-3.0L
2006	BMW	330i/xi	L6-3.0L

- Step 1.** Detach the MAF sensor harness from the MAF sensor. With a 10mm socket or driver, loosen the two (2) bolts securing the factory airbox and two (2) nuts securing the reservoir. Unlatch the hose from its clamp on the reservoir's bracket. Then, use the 6mm driver to loosen the clamp between the factory airbox and intake tube. Carefully, remove the factory airbox from the vehicle.
- Step 2.** Move the reservoir out of the way safely, to provide clearance for access to the throttle body. If equipped, disconnect the CCV line from the factory intake tube. Loosen the clamp joining the factory intake tube to the throttle body. Carefully remove the factory intake tube from the vehicle.
- Step 3.** Remove the four (4) bolts holding the throttle body to the intake manifold using a 10mm socket. Save these bolts if you want to remove the throttle body spacer in the future. Do NOT remove the factory O-ring from the throttle body.
- Step 4.** Insert the **aFe POWER Silver Bullet** throttle body spacer and provided gasket between the throttle body and manifold as shown. The "Air In" side should face the throttle body, with the word "TOP" facing out and up. The provided gasket should sit between the throttle body spacer and the manifold.
- Step 5.** With a 10mm driver, fasten the throttle body assembly using the provided four (4), longer screws and washers. Slide the lock washer onto the screw first, then the flat washer so that the flat washer will sit against the throttle body. Tighten all the bolts to 7.5 ft/lb (10Nm).
- Step 6.** Re-install the factory intake tube, reservoir, and airbox. Reconnect all the hoses, tighten all the clamps, and re-install all the hardware to secure the factory intake.

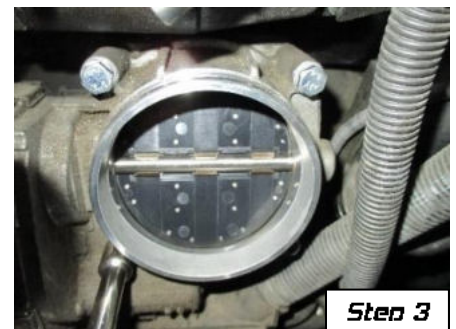
Your install is now complete! Make sure to retighten all bolts and clamps after 100 miles of driving.



Step 1



Step 2



Step 3



Step 4-5



Step 6

Parts List

- 1 **Silver Bullet** Spacer
- 1 Gasket
- 4 M6 x 70mm Hex Cap Screws
- 4 Flat Washers
- 4 Lock Washers

Tools Needed

- 6mm nut driver
- 10mm nut driver

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