



Silver Bullet

Throttle Body Spacer

PN 46-31009

INSTALLATION INSTRUCTIONS

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

Make	Model	Year	Engine
BMW	228xi/i (F22)	2014-2016	L4-2.0L (t) N20/26
BMW	328xi/i (F30)	2012-2015	L4-2.0L (t) N20/26
BMW	428xi/i (F32)	2014-2016	L4-2.0L (t) N20/26

Note: Please check our website for a complete and updated list of applications for this part number.

Step 1. Locate your throttle body. Remove the metal ring that holds the intake tube to the throttle body using a pair of pliers or a flat-head screwdriver. Disconnect the intake tube from the throttle body.

Step 2. Unbolt the four screws using a 10mm socket to remove the throttle body.

Step 3. Place the new **Silver Bullet** throttle body spacer and supplied gasket between the intake manifold and the throttle body. The gasket goes between the **Silver Bullet** throttle body spacer and the intake manifold. The **Silver Bullet** spacer must be inserted with the "Air In" side facing towards the throttle body and the silver sticker facing up. Using the supplied 70mm screws, secure the throttle body, **Silver Bullet** spacer, and gasket to the intake manifold.

Step 4. Reconnect the intake tube to the throttle body and reinsert the metal ring removed in Step 1.

Step 5. Make sure the wires do not touch the intake tube. You may need to use the furnished cable ties to secure them away from the intake tube.

NOTE: This part is exempt by the California Air Resources Board (C.A.R.B.) and was issued an Executive Order (E.O.) number. If part does not come with the C.A.R.B. E.O. sticker already placed on it, it will be necessary to place the sticker on or near it under the hood on a smooth, clean surface. The C.A.R.B. E.O. sticker is required to pass smog inspections in the state of California.

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



Step 1



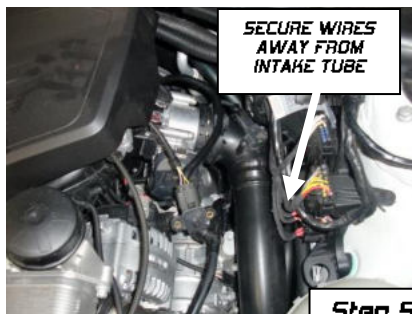
Step 2



Step 3



Step 4



Step 5

Parts List

- 1 aFe **Silver Bullet** Spacer
- 1 Gasket
- 4 M6 x 70mm bolts
- 2 Cable ties

Tools Needed

- 10mm socket
- Socket wrench
- Flat head screwdriver

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For TECHNICAL and INSTALLATION SUPPORT, please call 951-493-7185, M-F 7:00am-5:00pm OR email tech@afepower.com

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