



Silver Bullet

Throttle Body Spacer

PN 46-31009

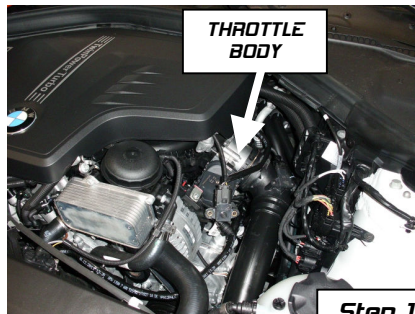
Important!

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

| Make | Model | Year | Engine |
|------|------------|-----------|--------------------|
| BMW | 328i (F30) | 2012-2013 | L4-2.0L (t) N20/26 |

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.
2. Unbolt the four screws using a 10mm socket to remove the throttle body.
3. Place the new **Silver Bullet** throttle body spacer and a gasket in between the intake manifold and the throttle body. The gasket goes in between the **Silver Bullet** spacer and the intake manifold. The **Silver Bullet** spacer must be inserted with the "Air In" side facing towards the throttle body. Using the new 70mm screws, secure the throttle body, **Silver Bullet** spacer, and gasket to the intake manifold
4. Reconnect the intake tube to the throttle body and reinsert the metal ring removed in step 1.
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 intake tube.

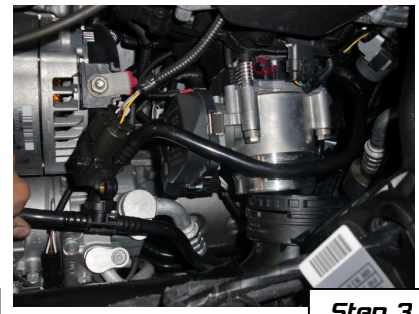
Your install is now complete! Make sure to retighten all bolts and clamps after 100 miles of driving.



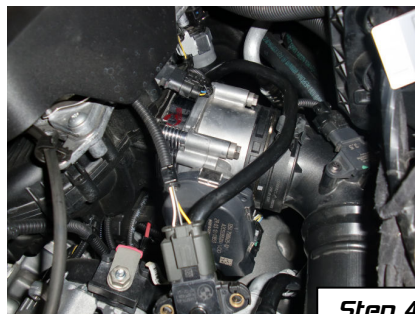
Step 1



Step 2



Step 3



Step 4



Step 5

Parts List

- 1 aFe Silver Bullet Spacer
- 1 gasket
- 4 70mm screws
- 2 cables ties

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