



# Silver Bullet

Throttle Body Spacer

PN 46-31008

## Important!

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

Model	Year	Engine
325i (E46)	2001-2006	L6-2.5L

1. Remove the stock intake from the vehicle. Loosen the intake tube with a 6mm nut driver or a flat-head screwdriver. Unplug the Mass Air Flow (MAF) sensor, and pull the plastic fitting out of the tube. Unclip the top of the air box housing and remove from the vehicle, remove the filter, unbolt the two 10mm bolts, and then remove the bottom half of the air box.
2. At this point, you should be able to pull most of the intake tube out of the vehicle. The last section of the intake tube, which is attached to the throttle body, is a more difficult the access. There are two clamps that secure the intake tube to the throttle body, and depending on how the clamps are positioned, it can be difficult to get a tool in there to loosen the clamps. Once loosened, remove the last section of the intake tube.
3. Remove the bolt that secures the Engine Oil dipstick the frame (13mm socket)
4. There is an electrical harness that is mounted in front of the throttle body that must be unbolted (2 nuts & 1 bolt) before you can remove the throttle body. There are 3 electrical clips that must be unplugged as well (**Figure 2**).
5. Unbolt the (4) throttle body bolts. Unclip the electrical connector from the throttle body. At this point, you can remove the throttle body from the vehicle.
6. Install the **Silver Bullet** throttle body spacer into the vehicle. Place the gasket between the plastic manifold and the **Silver Bullet** spacer. The throttle body has its own gasket that will seal it to the **Silver Bullet** spacer. Once in place, use the new bolts and washers to secure the throttle body and **Silver Bullet** spacer to the intake manifold. Tighten the bolts to 10 Nm (89 lb/in).
7. Reinstall the electrical harness using the factory hardware. Bolt the engine oil dipstick to the frame. Reconnect the three wire connectors.
8. Reinstall the intake tubes and housing into the car. Connect the vent hose and the MAF sensor. Tighten all clamps and bolts. Your install of the **Silver Bullet** throttle body spacer is now complete!

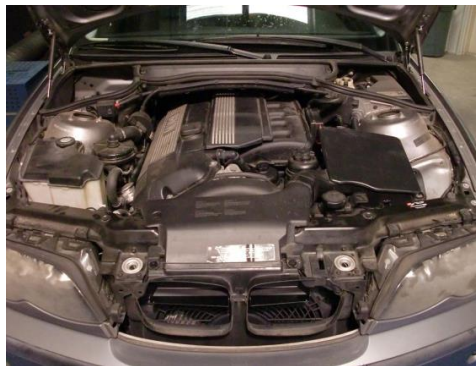


Figure 1

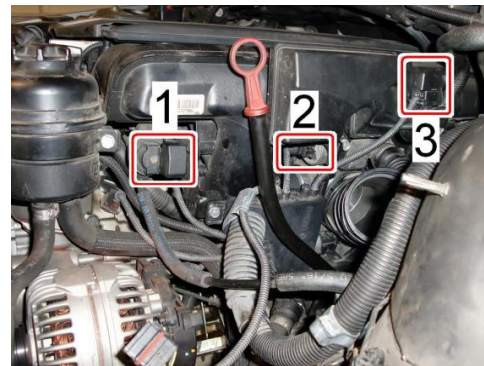


Figure 2



Figure 3



Figure 4

### Parts List

- 1 aFe Silver Bullet Spacer
- 1 gasket
- 4 60mm screws

- 4 M6 flat washers
- 4 M6 lock washers