



# Silver Bullet

Throttle Body Spacer

PN 46-35003

## Important!

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

Make	Model	Year	Engine
Jeep	Wrangler (JK)	2012-2014	V6-3.6L

**Step 1.** A) Remove the engine cover.

B) Loosen the clamps on the intake tube using an 8mm nut driver. Unbolt the two screws on the front of the intake tube using the 10mm socket and ratchet. Unclip the temperature sensor connector on the bottom of the intake tube and then fully remove the OE intake tube.

**Step 2.** C) Unbolt the throttle body using an 8mm socket and ratchet.

**Step 3.** D) Insert the **Silver Bullet** throttle body spacer and gasket between the intake manifold and the throttle body (the gasket goes between the spacer and the throttle body).

E) Fasten the throttle body assembly using the supplied hardware. For the 2012-2013 model years use the M6 bolts and flat washers and tighten to 10 Nm (89 lb/in). For the 2014 and up model years use the #12 x 2"L screws and flat washers and tighten to 5 Nm (44 lb/in).

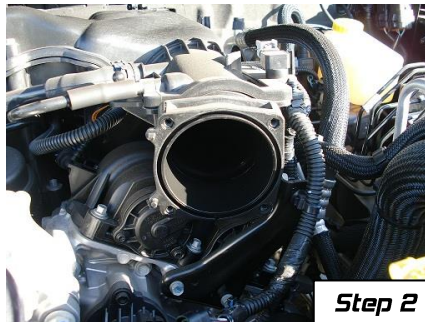
**Step 4.** F) Reinstall the intake tube and connect the temperature sensor. Tighten all bolts and clamps.

**Step 5.** G) Reinstall the engine cover.

**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 **Silver Bullet** Spacer
- 1 Gasket
- 4 #12 x 2"L Screws
- 4 M6x1x50mm Bolts
- 4 Flat Washers

### Tools Needed

- 10mm Socket and ratchet
- 8mm Socket
- 8mm Nut Driver

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