



aFe POWER Silver Bullet

Throttle Body Spacer

Part Number: 46-32009

INSTALLATION INSTRUCTIONS

Important!

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

Make	Model	Year	Engine
Dodge	Ram 1500 w/ETC*	07-10	V8-4.7L
RAM	1500 w/ETC*	11-12	V8-4.7L

*ETC: Electronic Throttle Control

1. Loosen and remove the air inlet tube from the air cleaner assembly to the air resonator. Disconnect the Intake Air Temperature (IAT) sensor harness from the sensor. Loosen and remove the air resonator bolt. Remove air resonator.
2. Loosen and remove the throttle body screws from the throttle body. Lay the throttle body gently to the side.
3. Install throttle body spacer (engraved side facing the throttle body), new gasket and throttle body onto intake manifold using the supplied flat washers and 70mm screws. Carefully tighten screws to secure throttle body (Torque to 48in/lb). Remember, this is a plastic manifold and does not require extreme torque. Be careful, DO NOT STRIP THESE.

CAUTION: Over-torquing of the throttle body bolts can result in intake manifold damage.

aFe POWER will not be responsible for damage to the intake manifold due to over-torque of the throttle body bolts.

4. Loosen and remove the air cleaner ball on intake manifold. Assemble the extender bracket and locating stud together. Install extender bracket with supplied #12 screw. Again, only tight enough as to not strip the intake manifold. Thread the 45mm socket cap bolt into the outside extender bracket hole.
5. Install the last extender bracket to the intake manifold for the air resonator with the 25mm bolt and washer (left side).
6. Install the air resonator onto the new extender with ½" spacer and 35mm bolt. The bottom of the resonator will slip into to the locating socket cap bolt on the right side.
7. Reconnect the IAT sensor harness. Reconnect the air inlet tube to air cleaner assembly and air resonator.
8. Your installation is now complete.



Parts List

- 1 Silver Bullet Spacer
- 1 Gasket
- 4 8mm x 70mm screws
- 1 6mm x 35mm bolt
- 1 6mm x 25mm bolt
- 1 #12 x 3/4" screw
- 6 6mm flat washers
- 1 6mm x 45mm bolt-socket cap
- 2 6mm extender brackets
- 1 3/8" x 1/2" spacer

advanced FLOW engineering, inc.

252 Granite Street, Corona, CA 92879

Main Line: 951-493-7100 Tech Support: 951-493-7185

www.aFePower.com

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