



Silver Bullet®

Throttle Body Spacer

46-36003

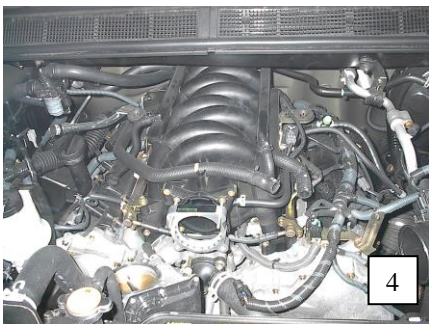
Installation Instructions

Important!

Please read through and verify that all parts on the Parts List are included before you begin the installation.

Make	Model	Year	Engine
Nissan	Patrol	'10-'17	V8-5.6L (VK56DE)

- Using a 10mm nut driver, remove the two screws securing the engine cover. Lift and pull the engine cover towards the front to remove. Remove the PCV vent hoses from the intake tube. Using an 8mm nut driver, loosen the hose clamps at the throttle body and the filter housing then remove the intake tube. Using the 10mm nut driver, remove the two screws securing the engine cover bracket from the intake manifold and set aside.
- Using a 5mm Allen wrench, remove the four (4) screws securing the throttle body. Remove and set the throttle body away from the intake manifold.
- Make sure the original gasket is not damaged. If the original gasket is damaged, contact a Nissan dealer for a new gasket and replace it.
- Install the **aFe Silver Bullet** Throttle Body Spacer (Orientate spacer with the engraved side towards the throttle body and the sticker facing up).
- Place the supplied spacer gasket in-between the **aFe Silver Bullet** Throttle Body Spacer and the throttle body. Use the supplied M6 screws and M6 washers to secure the throttle body, gasket and spacer to the intake manifold. The lock washer will be placed on the screw first (so it will be against the head of the screw), then the flat washer (so it will be against the throttle body). Tighten the screws to 10 Nm (89 lb/in). **DO NOT OVERTIGHTEN THE SCREWS!** Reattach the engine cover bracket to the intake manifold with the two screws previously removed.
- Reinstall the intake tube, tighten the two clamps and reconnect the PCV vent hoses.
***NOTE: If the vehicle has an aFe Power intake system PN 51/54/75-76104 installed or simultaneously being installed:** Replace the silicone elbow coupling with the newly supplied (shorter) silicone elbow coupling and clamps (**Extra clamp/T-Bolt clamp are provided in case needed) Use the 8mm and 11mm nut drivers for this.
- Reinstall the engine cover with the two screws previously removed using the 10mm nut driver. Your installation is complete.



Parts List

- 1 **aFe Silver Bullet** Spacer
- 1 Spacer gasket
- 4 M6 x 70mm screws
- 4 M6 flat washers
- 4 M6 lock washers
- 1 Silicone elbow coupling* (Use only if an aFe Power intake 51-54-75-76104 is installed/is being installed)
- 1 T-Bolt Clamp** (use only if needed)
- 1 Clamp** (use only if needed)

Tools Needed

- 8mm, 10mm & 11mm nut drivers
- 5mm Allen wrench

advanced FLOW engineering, Inc.

Check out the collection of fuel systems we offer.