



# Silver Bullet

Throttle Body Spacer  
PN 46-38001

## Important!

This kit includes the parts for several different installations; please verify the parts list and read all instruction steps before you begin installation.

Make	Model	Year	Engine
TOYOTA	4Runner	1996-2002	V6-3.4L
TOYOTA	Tacoma	1999-2004	V6-3.4L
TOYOTA	Tundra	2000-2004	V6-3.4L
TOYOTA	T-100	1994-1998	V6-3.4L

1. Remove the air cleaner duct from throttle body.
2. Unbolt the throttle linkage from the intake plenum by unbolting the single 12mm-sized bolt.
3. Unbolt the lower vacuum line from intake plenum. Remove the four bolts (some models may have bolt/stud combination, either case they all need to be removed) from the intake manifold.
4. Separate throttle body from the intake plenum and remove the OE gasket. Place a gasket, the aFe Silver Bullet Spacer (engraved side towards throttle body) and the new gasket in between the throttle body and the intake plenum. Secure with the new longer bolts supplied with this kit. On 2003-2004 models you will need to use the longer 8mmx110mm bolts to complete the installation. Torque the assembly to 15 ft/lbs.
5. Install the throttle linkage extender plate to plenum (original stock location) with OE bolt. Please make sure the roll pin of the plate is in locator hole on plenum. Reinstall the throttle linkage to the extender plate and use the supplied hardware to secure it to the new extender plate. Torque both bolts to 10 ft/lb.
6. Install new vacuum line extender (black z-bend bracket) to original location with OE bolt and install vacuum line bracket to this extender with the supplied hardware. Torque both bolts to 8 ft/lb. (Note: it may be necessary to lengthen the linkage cable and vacuum line from the intake plenum anchor points)
7. Reinstall the air cleaner duct to the throttle body.

**NOTE: This part has been exempt by the California Air Resources Board (C.A.R.B.) and issued an Executive Order (E.O.). If part does not come with C.A.R.B. E.O. sticker already placed on device, it is necessary to place the sticker on or near the device on a smooth, clean surface. The C.A.R.B. E.O. sticker is required to pass the smog test inspections in the state of California.**



### Parts List

- 1 aFe Silver Bullet Spacer
- 2 Gaskets
- 4 8mm x 90mm bolts
- 2 8mm x 110mm bolts
- 4 8mm flat washers
- 1 throttle linkage extender plate
- 1 10mmx16mm bolt & washer
- 1 Z-bend extender
- 1 6mm x 16mm bolt & washer
- 1 Clip Nut

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