

## Silver Bullet

Throttle Body Spacer

PN 46-38002

## Important!

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

| Make:      | Toyota Trucks and SUV |        |        |       |        |
|------------|-----------------------|--------|--------|-------|--------|
| Model      | Year                  | Engine | Model  | Year  | Engine |
| 4Runner    | 05-09                 | 4.0L   | Tacoma | 05-15 | 4.0L   |
| FJ Cruiser | 07-09                 | 4.0L   | Tundra | 05-12 | 4.0L   |

- Loosen and remove engine cover. Loosen and remove air inlet tube from air cleaner assembly. Unlatch
  and remove air filter. Remove vacuum line from air cleaner assembly. Unclamp and remove PCV vent
  hose from air cleaner assembly. Release Mass Air-Flow (MAF) sensor harness connector. Loosen and
  remove air cleaner assembly bolts. Loosen the air inlet clamp. Remove air cleaner assembly.
- 2. Disconnect the wire harness on throttle body. Loosen and remove throttle body bolts.
- 3. Install the aFe Silver Bullet throttle body spacer (AIR IN engraving side faces the throttle body), a gasket and throttle body onto intake manifold. Using the washers and longer bolts secure the throttle body to intake manifold. Tighten the bolts to 10 Nm (89 lb/in).
- 4. Reconnect throttle body wire harness.
- 5. Install the offset brackets at the air cleaner assembly attaching points with the 6mm counter sunk screws. Place air cleaner assembly onto engine and align the bolts.
- 6. Install air inlet tube and tighten clamp. Install air cleaner assembly. Reconnect the MAF harness, PCV vent hose and the vacuum line. Install air filter. Reattach the air inlet tube to air cleaner assembly. You can either leave the engine cover off or use the one nut to secure the cover to engine.

  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
- 1 Gaskets
- 4 6mm x 75mm bolts
- 4 6mm flat washers
- 2 6mm offset brackets
- 2 6mm countersunk screws

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