



Throttle Body Spacer
1991-2006 TJ, YJ, XJ, MJ w/ 2.5L, 4.0L
Engines
Part Number: RT35008

Kit Contents

- Throttle Body Spacer
- (2) Throttle Body Spacer Gaskets
- (4) Throttle Body Bolts
- (3) Throttle Linkage Bracket Spacers
- (3) Throttle Linkage Bracket Bolts

Required Tools

- Ratchet
- 10mm Socket
- 13mm Socket
- Flathead Screwdriver
- Torque Wrench
- Pliers



Read all instructions carefully prior to starting installation.

1. Ensure that all components in kit are accounted for.
2. Disconnect the negative battery terminal using a 13mm socket.
3. Loosen, but do not remove, the clamps holding the air intake tube in place using a flathead screwdriver. Remove the air intake tube and set it aside for reinstallation.
4. Disconnect all the linkage from the throttle body. Remove the 3 throttle body bracket bolts from the intake manifold using a 10mm socket.
5. Disconnect the MAP sensor connector from the throttle body. The MAP sensor connector is on the side of the throttle body closest to the fender. Disconnecting the other connectors from the throttle body is not necessary.
6. Remove the four throttle body mounting screws using a 10mm socket and lay the throttle body upside-down on top of the intake manifold.
7. Clean any dirt or debris from the intake manifold and throttle body.
8. Place a **Throttle Body Spacer Gasket** onto the intake manifold, followed by the **Throttle Body Spacer**, another **Throttle Body Spacer Gasket**, and finally the throttle body.
9. Screw the 4 **Throttle Body Bolts** into the intake manifold and tighten them equally using a 10mm socket. Torque the bolts in an criss-cross pattern to 8 ft. lbs. (100 in. lbs.).
10. Slide the 3 **Throttle Linkage Bracket Bolts** through the throttle body bracket. Slide a Throttle Linkage Bracket Spacer onto each bolt and screw them into the intake manifold in the original bolt holes. Tighten the bolts equally using a 10mm socket, then torque them to 6 ft. lbs. (77 in. lbs.).
11. Reinstall the MAP sensor connector, throttle linkage, and air intake tube in the reverse order that they were removed.
12. Reconnect the negative battery terminal.

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