



THROTTLE BODY SPACER

(1991-1995 WRANGLER YJ - 4.0L)

(1997-2006 WRANGLER TJ - 4.0L)

INSTALLATION INSTRUCTIONS

CONTENTS

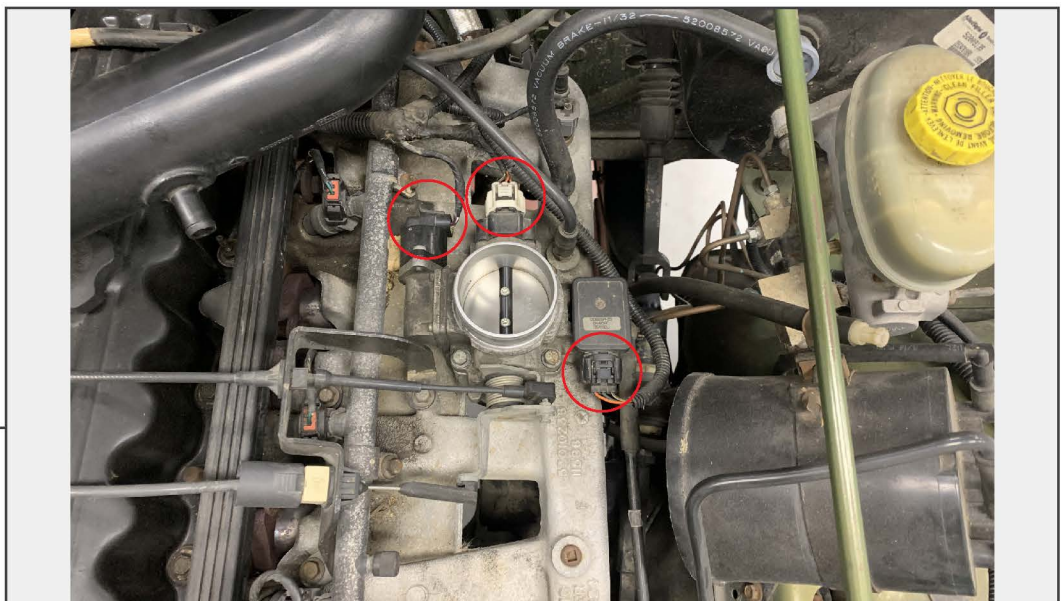
- (1) Throttle Body Spacer
- (2) Throttle Body Gaskets
- (3) 1" Linkage Bracket Spacers
- (4) M6 x 50mm Bolts
- (4) M6 Flat Washers
- (3) M6 x 40mm Bolts

TOOLS REQUIRED

- 8mm, 10mm Sockets
- Ratchet
- Flat Head Screwdriver

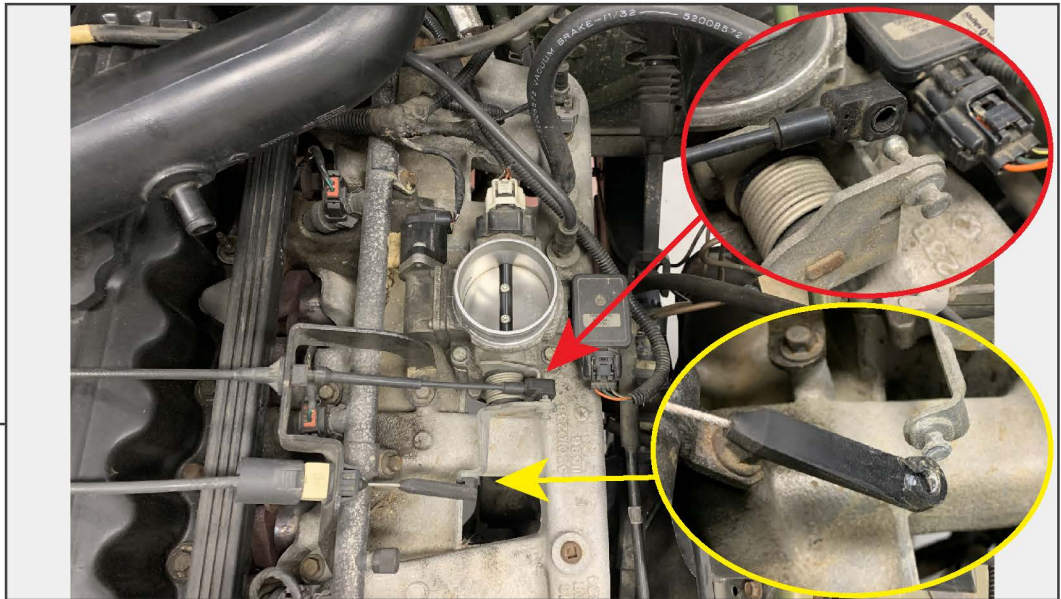
**STEP 1**

Disconnect the PCV hose from the intake tube. Loosen the hose clamp connecting the intake tube to the throttle body. Lift the intake tube from the throttle body and temporarily relocate tube towards the vehicle firewall.

**STEP 2**

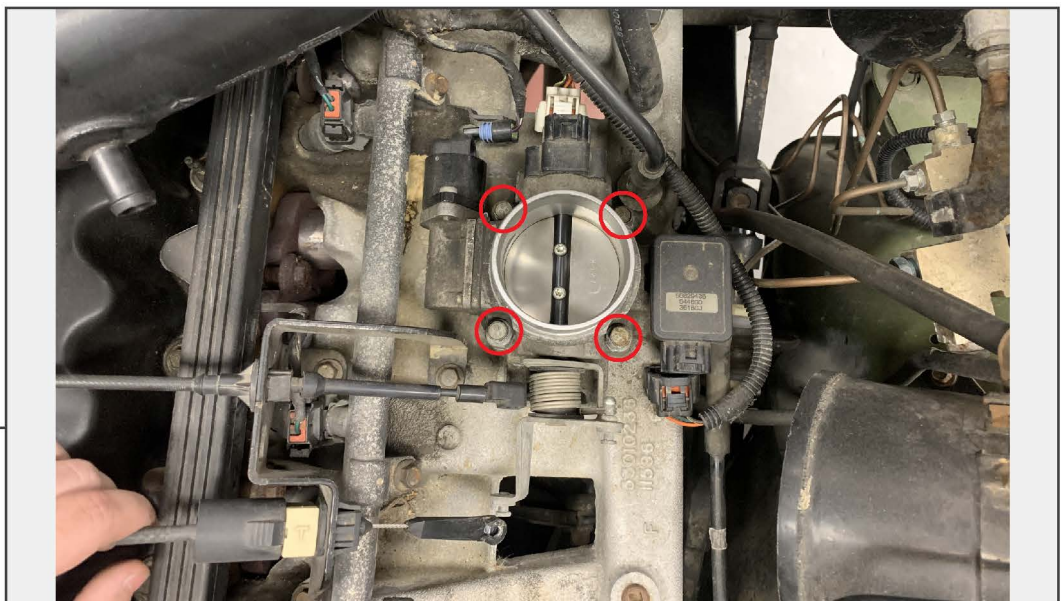
Unplug the (3) electrical connectors from the throttle body.

STEP 3



Disconnect the linkages from the throttle body.

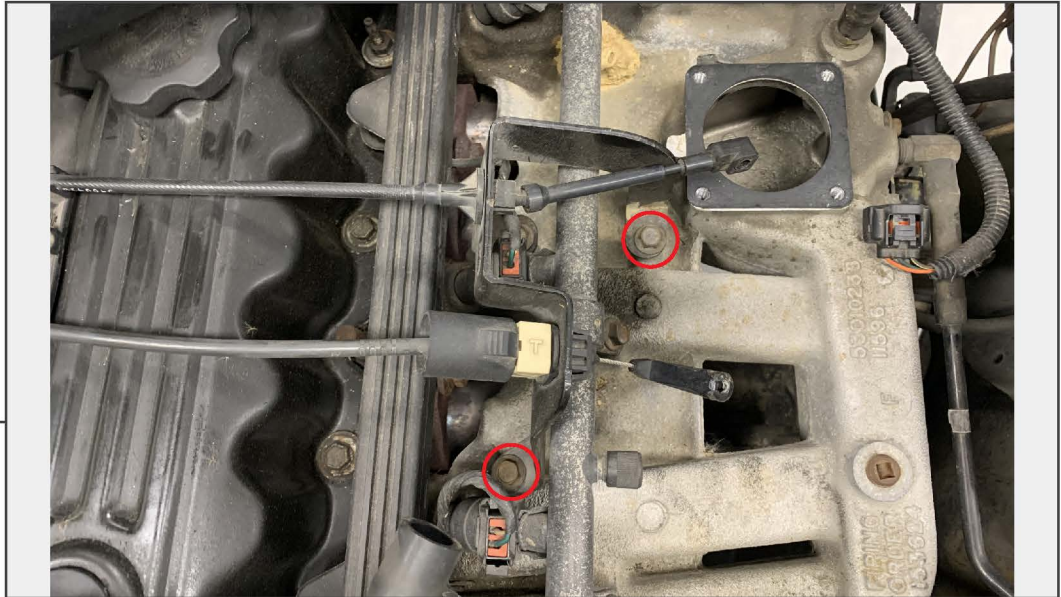
STEP 4



Remove the (4) bolts from the throttle body. Lift and remove the throttle body and gasket from the vehicle.

Note: Hardware will not be reused.

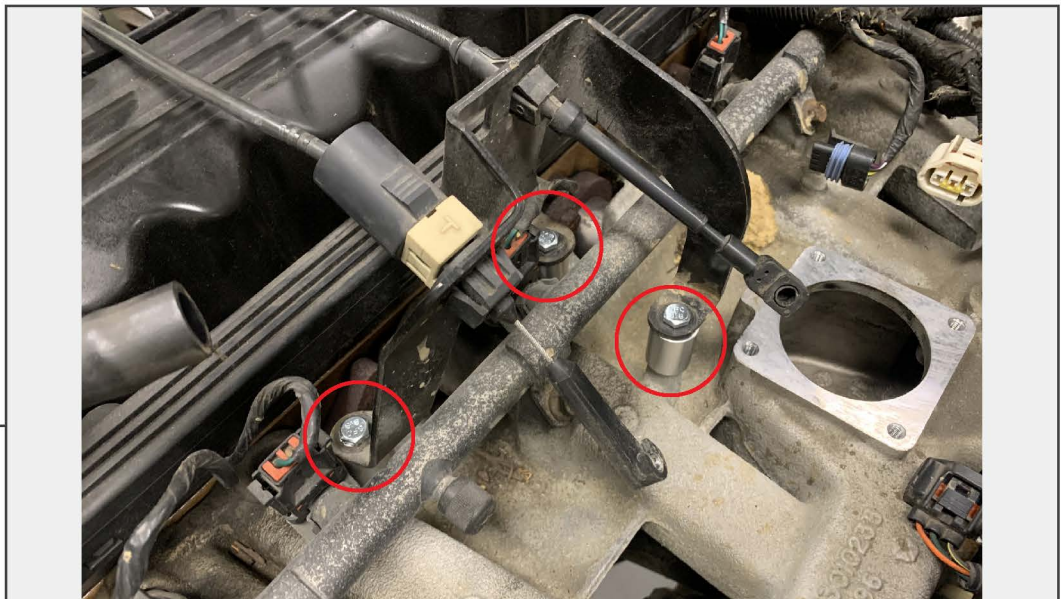
STEP 5



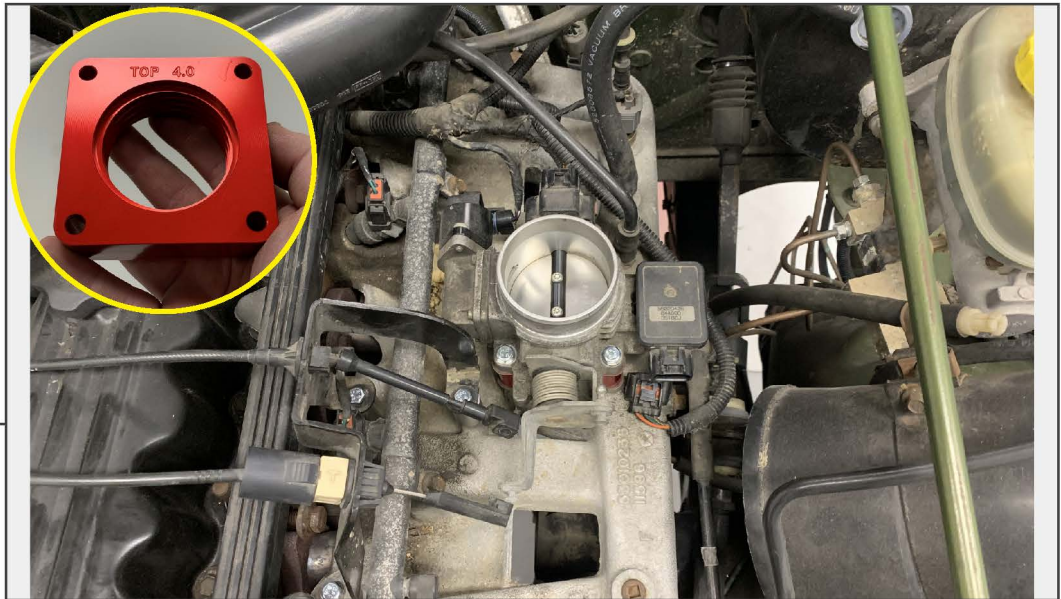
Remove (3) bolts from the linkage bracket.

Note: Hardware will not be reused.

STEP 6

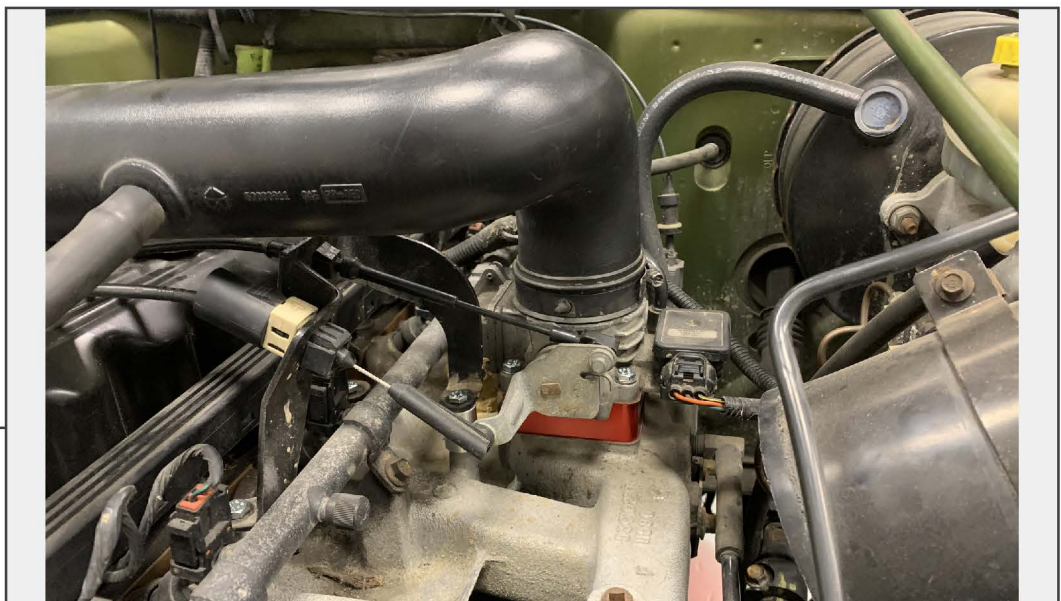


Lift the linkage bracket and install (3) 1" linkage bracket spacers in between the intake manifold and the linkage bracket. Secure the linkage bracket to the intake manifold using (3) M6 x 40mm bolts.

**STEP 7**

Place (1) throttle body gasket between the intake manifold and the throttle body spacer. Then, place (1) throttle body gasket between the throttle body spacer and the throttle body. Secure the throttle body & spacer to the vehicle using (4) M6 x 50mm bolts and (4) M6 flat washers. Tighten until secure.

Note: Ensure the “TOP 4.0” label faces the throttle body when installed.

**STEP 8**

Install the throttle body sensor connectors, linkages, and intake tube to the throttle body following steps 1-3 in reverse order.

Installation is now complete.