



## Throttle Body Spacer 2007-2011 JK Wrangler Part Number: RT35006

### Kit Contents

- Throttle Body Spacer
- Throttle Body Spacer Gasket
- (4) Throttle Body Screws
- (4) Flat Washers

### Required Tools

- Ratchet
- 8mm External Torx® Socket  
(or a 6-point 8mm Socket)
- Flathead Screwdriver
- 10mm Socket
- Torque Wrench



**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 10mm socket.
3. Disconnect the air temperature sensor connector from the air intake tube by sliding the red safety clip on the plug away from the air intake tube, depressing the plastic clip on the plug, and pulling it away from the sensor.  
**NOTE:** Do not pull on the wiring when disconnecting the connector.
4. 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.
5. Remove the four throttle body mounting screws using an 8mm external Torx® socket (or 6-point 8mm socket) and lay the throttle body beside the thermostat housing. Removing the wiring harness from the throttle body is not necessary.
6. Clean any dirt or debris from the intake manifold and throttle body. Check the throttle body gasket for damage. Replacement gaskets are available:
  - 07-10 w/ Flush Lip on Intake Manifold Plenum Replaces Part Number: 4666113AA
  - 08-11 w/ Recessed Lip on Intake Manifold Plenum Replaces Part Number: 4593899AA
7. Slide a **Flat Washer** onto each **Throttle Body Screw**. Slide the 4 mounting screws through the mounting holes in the throttle body and hold them in place with your hand.
8. Place the **Throttle Body Spacer Gasket** onto the throttle body, followed by the **Throttle Body Spacer**. Ensure the curved side of both the gasket and spacer are oriented to the top of the throttle body.
9. Screw the 4 mounting screws into the intake manifold and tighten them equally using a 10mm socket. Torque the bolts in a criss-cross pattern to 5 ft. lbs. (65 in. lbs.).
10. Reinstall the air intake tube and air temperature sensor connector in the reverse order that they were removed.
11. Reconnect the negative battery terminal.

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