

# 90mm Throttle Body

Part # 18210



### Special Tools

### Required:

- No special tools required

### Install Time:

Approximately  
1 Hour

### Difficulty:

1 out of 5

Follow these instructions carefully to ensure correct fitment and operation.

#### STEP 1

- Disconnect the negative battery terminal. Remove the strut tower brace if equipped.

#### STEP 2



- Remove the engine cover by pulling up on it to release its mounting pins from the grommets on the intake manifold.

#### STEP 3



- Disconnect the smaller plastic breather tube from the air inlet tube. You can leave the sound tube connected.

#### STEP 4



- Loosen the clamps on the air inlet tube at the air box and the throttle body. Remove the air inlet tube and set it aside.



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installation instructions

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Revised 2/25/2013

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## STEP 5



- Remove the 4 mounting bolts from the stock throttle body, as you remove the stock throttle body; flip it to disconnect the motor plug on the bottom.

## STEP 6



- Wipe off the stock rubber throttle body gasket to remove any oil or debris. You will be re-using this gasket.

## STEP 7

- Connect the motor plug to the BBK Throttle Body. Using the throttle body spacer provided with O-Ring, install the spacer with the small opening towards the manifold and the large opening and O-Ring towards the BBK Throttle Body. Use the supplied hardware to secure the BBK Throttle Body and spacer to the manifold.

## STEP 8



- Re-install the air inlet tube and reconnect the breather tube. A little WD-40 or light grease on the inside of the tube may help in this process. Tighten Clamps.

## STEP 9

- Re-install the engine cover's pins onto the grommets and push down to secure. Re-install the strut tower brace if equipped. Reconnect the negative battery terminal.

### Hardware Included

- KIT1821/22
  - HDW183 Bolts, SHCS M6-1.0x60 (4pcs)
  - ASB761 Spacer Assembly (1pc)



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Because your vehicle's engine is electronically controlled by a computer, some control conditions are maintained by power from the battery. When the battery is disconnected or a new battery is installed, the engine must relearn its idle and fuel trim strategy for optimum driveability and performance. To begin this process:

- 1.) With the vehicle at a complete stop, set the parking brake.
  - 2.) Put the gearshift in P (Park) (automatic transmission) or the neutral position (manual transmission), turn off all accessories and start the engine.
  - 3.) Run the engine until it reaches normal operating temperature. Approximately 4-5 minutes.
  - 4.) Allow the engine to idle for at least one minute.
  - 5.) Turn the A/C on and allow the engine to idle for at least one minute.
  - 6.) Drive the vehicle to complete the relearning process.
- The vehicle may need to be driven 10 miles or more to relearn the idle and fuel trim strategy.
  - If you do not allow the engine to relearn its idle trim, the idle quality of your vehicle may be adversely affected until the idle trim is eventually relearned.



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