

66mm Throttle Body

Part # 1580



Special Tools

Required:

- No special tools required

Install Time:

Approximately
45 Mins

Difficulty:

2 out of 5

Follow these instructions carefully to ensure correct fitment and operation.

STEP 1

- Disconnect the negative battery terminal.

STEP 2

- Remove the flexible inlet tube from the throttle body and air box by loosening the 2 clamps. Disconnect the tube to the valve cover and the inlet Air Temp Sensor, if applicable.

STEP 3

- Remove the plastic cover on the left side of the throttle body. Unhook the throttle/cruise cables from the throttle body. Disconnect the Throttle Position Sensor (TPS) electrical connector and unhook any vacuum lines.

STEP 4

- Remove the 4 bolts that mount the throttle body to the intake manifold. Remove the throttle body and clean any gasket material from the mounting surface.

STEP 5

- Remove the Throttle Position Sensor from the old throttle body. You will probably need an impact screwdriver to remove the screws due to the use of locktite on the threads from the factory.

STEP 6

- Install the supplied BLACK TPS BUSHING over the shaft of the throttle body, install the Throttle Position Sensor on top of the bushing and secure the sensor with the supplied screws.

FOR OPTIMUM PERFORMANCE:

Match the intake opening to the new throttle body size. Although this is not mandatory, it will maximize intake flow.

STEP 7

- Using the supplied screws and gasket, install the BBK Throttle Body on to the intake opening. Tighten the screws.

STEP 8

- Re-attach the throttle/cruise cables, reconnect the TPS connector and vacuum hose.

STEP 9

- Re-install the flexible air inlet tube between the air box and the throttle body. Reconnect the breather hose to the valve cover and re-install or (connect) the Inlet Air Temp Sensor, if applicable. **NOTE!!!: On some models with a black composite manifold, a short piece of 5/32" vacuum hose and a FORD part # N802484-5100 will be needed for the emissions/vacuum connection on the bottom of the throttle body. Trim 1/4" off the non-barbed end of the fitting to work properly.**

Revised 2/25/2013



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installation instructions

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STEP 10

- Reconnect the negative battery terminal and start the engine and run until it reaches operating temperature.

STEP 11

- Disconnect the Idle Air Control Valve. The engine should idle at approx. 500RPM. If adjustment is needed, turn the throttle plate hard stop set screw to achieve idle. Reconnect the Idle Air Control Valve and the idle speed should return to the computer controlled idle speed.

STEP 12

- Replace the plastic cover on the left side of the throttle body.

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