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INSTALLATION INSTRUCTIONS - INS164

THROTTLE BODY

Part # 1821 - 85mm/18210 - 90mm / 2011-2014 Ford Mustang 5.0L, Ford F-150 5.0L



Special Tools required: No special tools required.



Install Time: Approximately 1 hour.



Difficulty: Easy.



Picture shows part # 18210 with spacer. Part # 1821 does not include or require spacer.



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IMPORTANT: All appropriate safety equipment and gear must be used during the installation of this or any BBK Performance products or any time you work on a vehicle. BBK Performance accepts no responsibility for injuries or damage caused by or during the installation of this product.

UPDATED LAST: March 2019

FOLLOW THESE INSTRUCTIONS CAREFULLY TO ENSURE CORRECT FITMENT AND OPERATION

STEP 1

Disconnect the negative battery terminal.

STEP 2



Remove the strut tower brace if applicable.

STEP 3



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

STEP 4



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

STEP 5

Loosen the clamps on the air inlet tube at the air box and throttle body.

STEP 6



Remove the air inlet tube and set it aside.

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STEP 7



Remove the four mounting bolts from the stock throttle body, as you remove the throttle body, flip it to unplug the motor plug on the bottom.

STEP 8

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

STEP 9



STEP 9 (CONT.)



Connect the motor plug to the BBK Throttle Body and install onto the intake manifold. Use supplied bolts to secure the throttle body.

STEP 10



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 the clamps.

STEP 11

Re-install the engine decorative cover, the strut tower brace and reconnect the negative battery terminal.

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ENGINE RELEARN PROCESS

Because your vehicles 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 drive ability and performance.

STEP 1

With the vehicle at a complete stop, set the parking break

STEP 2

Put the gearshift in P (Park) (automatic transmission or the neutral position (manual transmission), turn of all accessories and start the engine.

STEP 3

Run the engine until it reaches normal operating temperature. Approximately 4-5 minutes.

STEP 4

Allow the engine to idle for at least one minute.

STEP 5

Turn the A/C on and allow the engine to idle for at least one minute.

STEP 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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