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INSTALLATION INSTRUCTIONS - INS210

POWER-PLUS® THROTTLE BODY

Part # 1548 // 1994-1998 Mustang V6 & 1999-2003 Ford Ranger 3.0L V6



Special Tools required: No special tools.



Install Time: 30 minutes



Difficulty: Easy.



MADE IN U.S.A.

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: July 2019

FOLLOW THESE INSTRUCTIONS CAREFULLY TO ENSURE CORRECT FITMENT AND OPERATION

STEP 1

Disconnect the negative battery terminal.

STEP 2



Disconnect the TPS electrical connector, the throttle cables, and the auxiliary return spring (if equipped) from the stock throttle body.

STEP 3



Unclamp the air filter inlet tube from the neck of the throttle body. Disconnect the breather tube and move air filter inlet tube to the side.

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STEP 4



Unbolt the four nuts (or bolts) attaching the throttle body to the intake manifold and remove the throttle body from the vehicle. Clean the gasket surface area on the intake manifold and install the supplied throttle body base gasket. **NOTE!!!** The manifold opening may be port-matched for optimum performance. Some models may require this for butterfly clearance when at part throttle.

STEP 5



Remove the TPS from the stock throttle body. If it is equipped with an IAC valve, use the supplied gasket to swap it over to the BBK Throttle Body. Also install the TPS sensor onto the BBK Throttle Body with the stock screws.

STEP 6



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STEP 6 (CONT.)



NOTE: On Ford Ranger only Install the throttle cable adapter with the open slot end facing down and install the safety clip onto the back side of the adapter.

STEP 7

Install the BBK Throttle Body onto the intake manifold using the supplied gasket and re-install the stock nuts or new hardware if supplied.

STEP 8

Reconnect the electrical connections, throttle cables, the return spring (if equipped) and the air inlet tube.

STEP 9

Reconnect the negative battery terminal and start the engine. Make sure the vehicle is idling properly. Idle can be adjusted by turning the 5mm set screw either clockwise or counter clockwise.

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WE RECOMMEND DRAINING OF AIR OIL SEPARATOR EVERY 1,000 MILES OR AS NEEDED; THIS WILL OF COURSE DEPEND ON DRIVING CONDITIONS!

For normal day to day driving check every 1,000 miles until a baseline is established. A good baseline is to drain the Air Oil Separator when it is about HALF full. This will vary with temperatures (cold winters vs. hot summers). Simply Unscrew the base of the oil separator – drain the oil and clean out the canister base. Once clean re-install and you are good to go for another 1000+ miles.

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