



INSTALLATION INSTRUCTIONS - INS179

# THROTTLE BODY

Part # 1822 // 2011-2017 Mustang 3.7L TI-VCT V6, 2011-2014 Ford F150 3.7L TI-VCT V6,  
2015-2016 Ford F150 3.5L TI-VCT V6



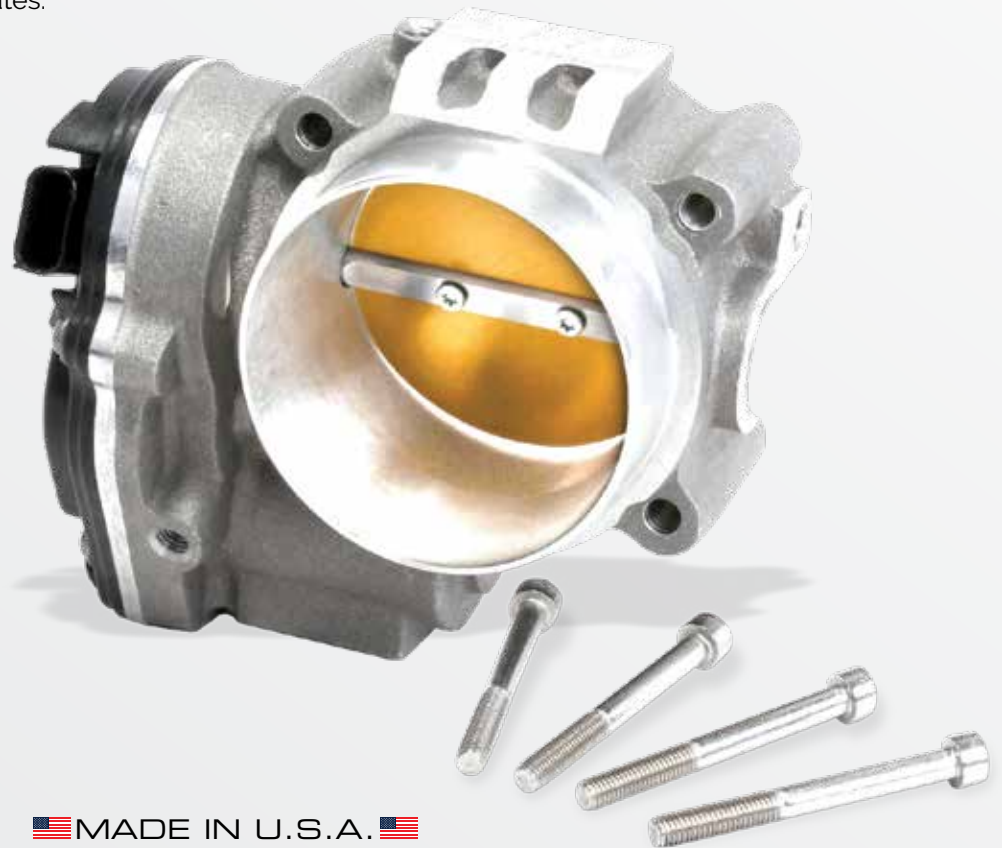
**Special Tools required:** No special tools required.



**Install Time:** Approximately 30 minutes.



**Difficulty:** Easy.



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UPDATED LAST: March 2019



FOLLOW THESE INSTRUCTIONS CAREFULLY TO ENSURE CORRECT FITMENT AND OPERATION

#### STEP 1

Disconnect the negative battery terminal.

#### STEP 2



Disconnect the (2) breather hoses attached to the inlet tube

#### STEP 3

Loosen the clamps at each end of the inlet tube, at the throttle body and at the air filter box. Remove the inlet tube and set it aside.

#### STEP 4



Unplug the electrical connector from the side cover of the throttle body. Pull the black wire harness mount out of the hole in the throttle body.

#### STEP 5

Unbolt the throttle body from the intake manifold and remove.

#### STEP 6

Unbolt the throttle body from the intake manifold and remove.

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### STEP 7



Using the supplied bolts, install the BBK throttle body onto the intake manifold and tighten the bolts. Reconnect the electrical connection.



### STEP 8



The stock air inlet tube will work with the BBK throttle body. Just open the clamp all the way up before installing. Trim off the 2 small tabs on the top of the stock rubber inlet tube so it will fit all the way onto the BBK throttle body. A little WD-40 or light grease may help this process.

### STEP 9

With the inlet tube installed and the clamps tight, reconnect the breather hoses. Reconnect the negative battery terminal.

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FOR THROTTLE BODY RELEARN PROCEDURE.

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# RELEARN PROCEDURE

## FOR THE BBK THROTTLE BODY IDLE / GAS PEDAL

Part# 1821/1822

With the addition of the larger bore throttle body and its larger intake flap, the gas pedal and throttle body must be re-synced before starting the engine. This must be done to prevent a check engine light for "increased idle" The procedure is simple.

After installation instructions are complete, please follow the procedures below.  
If throttle body has already been installed, please just follow steps 1-4.

1. Disconnect the negative battery terminal for 5 minutes. Then reconnect it.

**NOTE: If this is a new install, proceed to step 2.**

2. Turn ignition key to on position, do not start the engine.

3. Slowly depress the gas pedal to the floor, and then slowly release it.

Do this three (3) times. On the third press hold the pedal down to the floor for approximately 10 seconds or until check engine light starts flashing, once the check engine light starts to flash u can release the gas pedal then wait for the engine light to stop flashing and Turn the key off.

4. Now start engine. The gas pedal is now in sync with the larger throttle body.

Hardware included (Part # 1821/1822): HDW183 Bolts, SHCS M6-1.0X60 (4pcs)

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