



## 2011-2014 F150 3.5L EcoBoost Throttle Body Spacer

### Contents:

- (1) Throttle Body Spacer
- (4) M6x1.0x70mm Bolts
- (4) M6 Flat Washers

### Tools Needed:

Basic Hand Tools



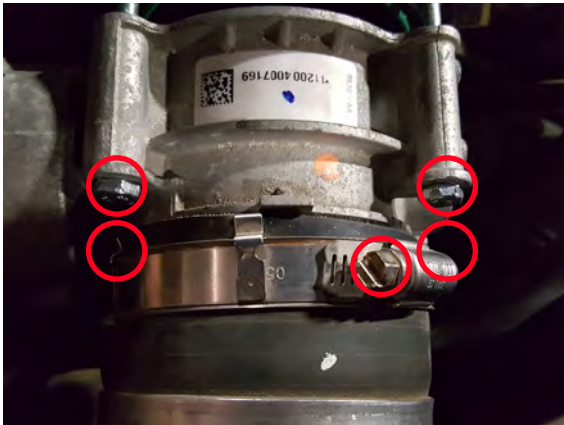
### Step 1:

Begin by using an 8mm socket and disconnecting the (3) hose clamps around the intake tube.



### Step 4:

Using a 10mm socket, install the throttle body spacer between the intake manifold and the throttle body using the (4) M6x70mm bolts, and washers.



### Step 2:

Using a 8mm socket, loosen the intake tube connected to the throttle body. Move intake tube away from the throttle body. Next loosen and remove the (4) throttle body bolts.



### Step 5:

Reinstall the lower intake tube to the throttle body using an 8mm socket.



### Step 3:

Remove the throttle body from the intake manifold. \*\*Note Factory throttle body bolts will not be reused.



### Step 6:

Reinstall the upper intake using a 8mm socket. Installation is now complete.