

2017-2019 FORD F150 2.7L ECOBOOST
PLUG-N-PLAY MODULE

USER MANUAL

Disclaimer

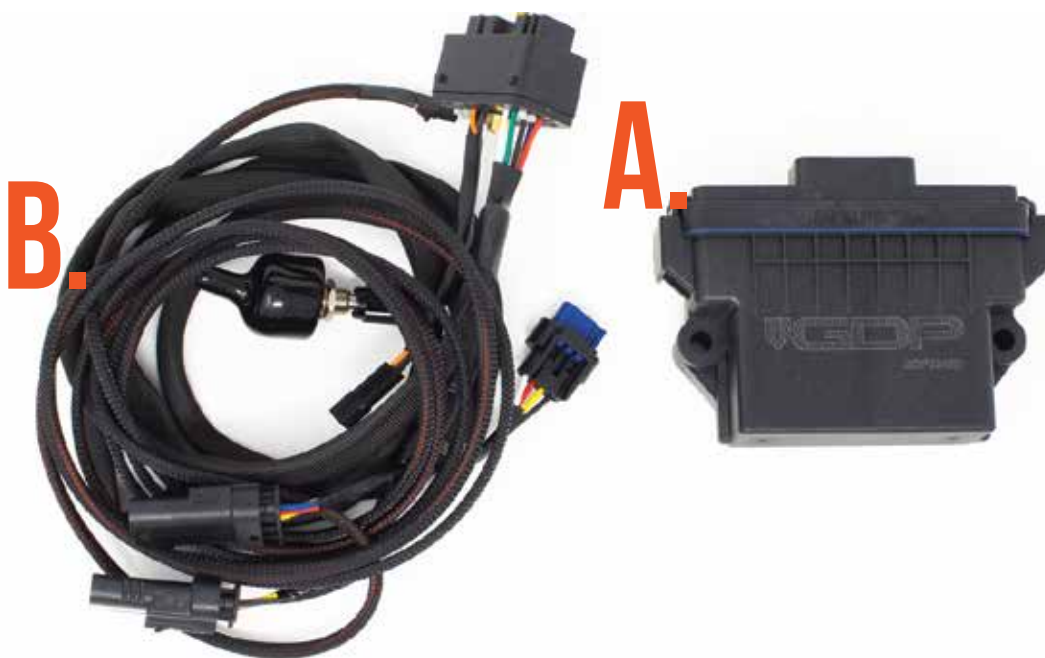
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Caution

Never work on a hot vehicle. Serious injury in the form of burns can result if the vehicle has been in use. Allow vehicle to cool prior to installation. Always wear eye protection when working on or under any vehicle.

2017-2019 FORD F150 2.7L ECOBOOST PLUG-N-PLAY MODULE

GDP234001



- A. Plug-N-Play Module
- B. Harness

Notice:

Make sure to disconnect the negative side battery terminal before beginning your install. Failure to do so may cause CEL's and lack of performance.

Step 1

The first step in installing your GDP Plug N Play module is to remove the engine cover. To do this, remove the oil filler cap and pull up on the front of the plastic cover. It will pop up & off of the retainer studs, then you simply pull it forward from under the wiper cowl.



Step 2

Now you will want to locate the Turbo Charger Pressure Sensor (TMAP) and the MAP Sensor both shown on this picture. The Turbo Charger Pressure sensor (TMAP) is identified with the yellow circle while the MAP sensor is identified with the red circle.



Step 3

Locate the Turbo Charger Pressure Sensor (TMAP) mounted on the tube going from the intercooler to the intake manifold. Route the two connectors at the end of our Plug N Play harness to this location.



Step 4

Disconnect the factory harness and connect the set of connectors at the end of our wire harness. You will connect our harness to the sensor and to the factory wire harness.



Step 5

Locate the MAP Sensor on the top center of the Intake Manifold, and route the Plug N Play wire harness back to the MAP sensor, identified in this picture with the red circle. Disconnect it and connect the middle set of connectors on our harness to both the sensor and the factory harness.



Step 6

Now you will want to route the wire harness over toward the driver's side of the engine compartment to mount the module. We recommend mounting it close to the brake fluid reservoir, with the harness connection pointing down. This will keep water from standing in the connector if you spray your engine off or get water sprayed under the hood. Use the supplied long zip ties to mount the module to keep it from falling.

Step 7

Now go back and zip tie the Plug N Play harness to existing wires to keep it from rubbing against extreme heat or moving parts.

Step 8

Once you have the module mounted you are ready to run the switch through the firewall. We usually route the three pin connector through the existing grommet in the firewall and connect it to the Plug N Play harness.

Step 9

The knob can now either be mounted on the dash or zip tied under the dash out of your way. Just make sure the harness will not be in the way of accessing the throttle & brake pedals or rubbing the steering linkage. The switch can be adjusted while driving the truck to control the maximum power gains allowed. The adjustment will go from stock power to the 50+hp setting and can be set anywhere in between.

Step 10

You are now ready to reconnect your negative battery terminals.