

2017-2019 FORD 3.5L ECOBOOST F150
PLUG-N-PLAY MODULE

USER MANUAL

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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.

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GDP234002



- A. Harness
- B. Plug n Play Module
- C. Switch Bracket

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

Begin by removing the decorative engine cover. There are 2 bolts at the front of the cover that will need to be unscrewed before the cover can be removed.



Step 2

Once the cover is removed, you will look to the back of the intake manifold, close to the firewall, to locate the MAP sensor.



Step 3

Slide back the locking tab, press down, and pull back to disconnect the MAP sensor. Now grab the slightly shorter GDP harness and plug the female connector into the MAP sensor itself. Then take the male connector of our harness and insert into the female connector of the engine harness.



Step 4

Now locate the TMAP sensor, which is located on the charge intake tube, just under the CAI pipe, right before the throttle body.



Step 5

Disconnect the TMAP sensor by pressing down on the clip and pulling backwards. Now take the slightly longer GDP harness and plug the male connector into the female end of the TMAP sensor itself. Then take the female connector of our harness and slide it over the male connector of the engine harness.



Step 6

Once both harnesses are connected to the correct sensors, take and place your module to the driver's side of the engine bay and out of the way of any moving parts, or any parts that tend to get quite hot. Use the supplied zip ties to hold the module in place. You are also ready to place the engine cover back on with the 2 bolts you had removed previously.

Step 7

Now run your switch wire through the firewall. The large main wiring grommet is going to be a struggle to get through, but it is the best place to get the wire through the firewall.



Step 8

From inside the engine bay, grab the switch wire and connect the obvious end to the remaining connector on the module.

Step 9

All that is left is to wind up the extra switch wire under the dash and zip tie it up out of the way. Be sure to leave enough slack to mount your switch to your chosen location. You are also good to reconnect the negative terminal on your battery.