



Installation Instructions Delta Boost Module

Fits: 2010-2017 Ford 1.0L/1.6L/2.0L EcoBoost engines
Catalog # 18102

Congratulations for being selective enough to use Flowmaster Delta Boost Performance Tuner. We have spent many hours developing this kit to ensure that you will receive maximum performance and durability with minimum difficulty in installation. Please take the time to read these instructions and call us if you have any difficulties during the installation.

CAUTION: Make sure ignition is OFF and cooled down before attempting installation.

This Flowmaster Delta boost Tuner is intended for all Ford vehicle models equipped with 1.0L, 1.6L or 2.0L EcoBoost engine. Please note that the proper sensor location may vary between different vehicle models that may not be addressed below. In all instances, the pressure sensor will be located between the throttle body and the intercooler. Do not confuse it with the MAP sensor which is located in the manifold on the engine side of the throttle body.

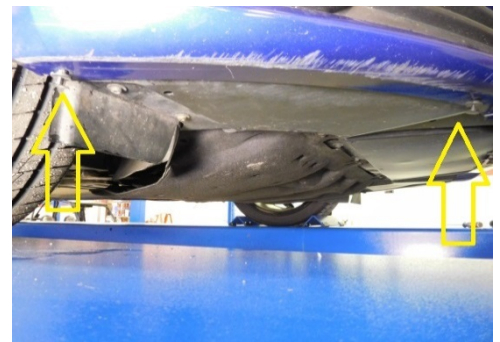
Installation of this unit can be accomplished in a matter of minutes by anyone with minimal mechanical experience.

1. The Delta Boost module is identified with a MAC address. The address can be found on the sticker on the side of the unit. Please note this address. It will be needed by the smart phone app to establish a connection.



2.0L APPLICATIONS

2. Although it is not necessary, it is helpful to raise the vehicle on ramps or jackstands to gain access under the left side of the vehicle. ****Be extremely careful whenever working under a raised vehicle**** Locate the two plastic clips shown in the photo.



3. Carefully pry the heads of the clips with a flat blade screwdriver and remove.



4. Carefully pry the lower plastic panel down to expose the passenger side of the lower engine bay in order to gain access to the sensor located on the intercooler.



5. Look up into the cavity and locate the rubber intercooler line. Directly above it you will find the factory boost sensor connector.



6. Carefully unplug the sensor. **There is a locking tab located at the top of the sensor, squeeze the tab and pull the plug to remove.**



7. Connect the male connector on the Delta Boost module into the factory sensor. Connect the female connector on the Delta Boost module with the connector on the factory harness



8. Secure the module onto a factory hole on the steel lower radiator support using the supplied plastic tie as shown in photo. Once secured, secure lower plastic panel back into place and secure with original plastic clips.



1.6L APPLICATIONS

2. Although it is not necessary, it is helpful to raise the vehicle on ramps or jackstands to gain access under the left side of the vehicle. ****Be extremely careful whenever working under a raised vehicle**** Locate the two plastic clips shown in the photo.



3. There is a large plastic cover that is fitted below the engine area that is secured with re-usable plastic clips. Carefully pry the heads of the clips with a flat blade screwdriver and remove.



4. Remove the plastic cover from under the vehicle and remember to save the plastic clips for reinstallation



5. Look up into the cavity and locate the rubber intercooler line. Directly above it you will find the factory boost sensor connector.



6. Look up into the cavity on the Left (Drivers) side and locate the rubber intercooler line. Directly above it you will find the factory boost sensor connector.



7. Carefully unplug the sensor. **There is a locking tab located at the top of the sensor, squeeze the tab and pull the plug to remove.**



8. Connect the male connector on the Delta Boost module into the factory sensor. Connect the female connector on the Delta Boost module with the connector on the factory harness



8. Secure the module in the location shown using the supplied plastic tie as shown in photo. Once secured, secure lower plastic panel back into place and secure with original plastic clips.



1.0L APPLICATIONS

2. Installation is very straightforward and can be accomplished by simply lifting the hood. The sensor will be located on the inlet tube on the passenger side of the vehicle. Carefully unplug the sensor. **There is a locking tab located at the top of the sensor, squeeze the tab and pull the plug to remove.** Connect the male connector on the Delta Boost module into the factory sensor. Connect the female connector on the Delta Boost module with the connector on the factory harness.



9. Turn on the ignition, but do not start the engine. The LED on the module will illuminate.

10. The module has 4 settings -- in order of increasing performance, they are: VALET (-4 psi), STANDARD (+0 psi), SPORT (+3 psi), and MAX (+4 psi).

NOTE: Flowmaster recommends the use of 91 octane or higher fuel for use in MAX setting.

11. Connect your Android phone or tablet to your module using the app. Note that your device must be equipped with Bluetooth version 4.0.

12. Adjust module for the desired level of performance. Your setting will be retained, so adjustment is not necessary at each engine start.

NOTE: The modules are shipped in SPORT mode. The setting can be changed with the Flowmaster app (available from Google Play; iOS app coming soon).

Android Users: Click <https://play.google.com/store/apps> to download the Flowmaster Delta boost app from the Google Play store. You can also search “Flowmaster” on the Google Play store to locate the app.

iOS users: Access the Apple App store and search for the Flowmaster Delta Boost app.

IMPORTANT: RETAIN THESE INSTRUCTIONS FOR FUTURE REFERENCE

Technical Service

A highly trained technical service department is maintained by Flowmaster to answer your technical questions, provide additional product information and offer various recommendations.

Flowmaster, Inc

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