



INSTALLATION INSTRUCTIONS

PART NUMBER D440-0035

APPLICATION: 2015-18 Mercedes Benz x400 & x450 vehicles
2017-18 Mercedes Benz AMG x43 vehicles

PARTS LIST

Qty	Part #	Description
1	D443-0103	DINANTronics SPORT Module
3		Zip ties

Congratulations for being selective enough to use DINANTronics SPORT Performance Tuner. We have spent many hours developing this kit to assure 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.

INSTALLATION:

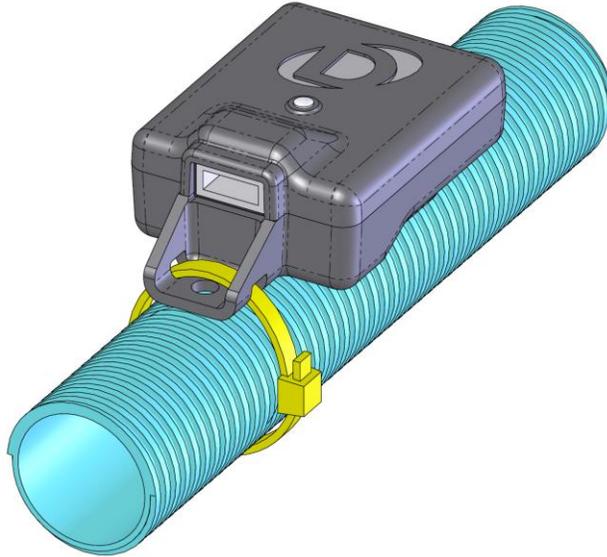
1. Make sure ignition is OFF.
2. The DINANTronics SPORT module is identified with a MAC address. Please note the last 4 characters. This will be needed by the optional smart phone app to establish a connection. The app allows live boost monitoring, as well as the ability to switch performance modes. The app is not needed to realize performance gains from DINANTronics SPORT.

3. Identify the pressure sensor mounted to the intake charge pipe.
 - To expose the intake charge pipe, remove the engine cover by lifting it upwards.
 - The intake charge pipe is on top of the engine, and runs from the intercooler exit, to the intake manifold.
 - The correct sensor is located near the front of the engine, as shown on the photo below. The pressure sensor will have a connector that is identical to the ones on the DINANTronics SPORT module.



4. Disconnect the wiring harness from the pressure sensor.
5. Install the DINANTronics SPORT module in between the sensor, and the wiring harness. The connectors can only be installed one way. Make sure that the locking tangs on both connections are secure.

6. Using the included zip-ties, mount the module in a secure location, away from any moving engine components. Please note the following precautions:
- DO NOT route the zip-tie over the harness at the SPORT module, as this could stress the internal circuit board and damage the module! Only insert a zip-tie thru the slots on the SPORT module as shown below.



- Also ensure adequate slack in the wiring harness to allow for engine movement.
- It is best to orient the module vertically, with the wiring pointing downward.
- One potential mounting location is at the front of the engine, as shown in the photo below.



7. Turn on the ignition, but do not start the engine. The LED on the module will illuminate.
8. The module has 5 settings -- in order of increasing performance, they are: VALET, STOCK, SPORT, SPORT+, and RACE. The modules are shipped in SPORT+ mode. The setting can be changed with the DINANTronics SPORT app (available from iTunes or the Google Play store).



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

** If you experience issues with Bluetooth communication, you may wish to relocate the SPORT module closer to the passenger compartment, and/or further away from sources of electrical noise, such as the alternator and electric fans.

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

11. Enjoy!