



## INSTALLATION INSTRUCTIONS

PART NUMBER D440-0012

APPLICATION:	2014-16	Mini Cooper S/Works (with 2.0L B46/B48 engine)
	2014-16	Mini Cooper (with 1.5L B36/B38 engine)
	2016-17	BMW XI xDrive 28i (with 2.0L B46 engine)
	2017	BMW XI sDrive 28i (with 2.0L B46 engine)

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## PARTS LIST

Qty	Part #	Description
1	D443-0102	DINANTronics SPORT Module; Red
3		Zip ties

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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 this address. It will be needed by the smart phone app to establish a connection.
3. The DINANTronics SPORT module is attached to the pressure sensor mounted to the charge air tube, just in front of the throttle body.

4. Remove the two 10mm hex nuts and set aside the air intake duct going to the airbox:

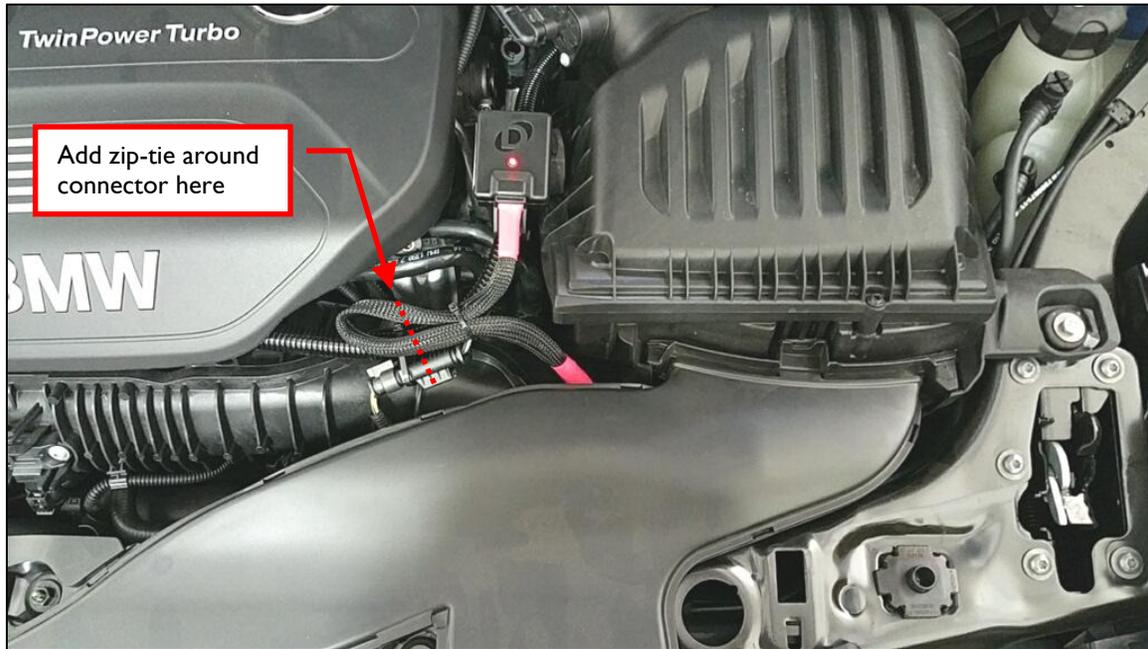


5. The pressure sensor is indicated below. It will have a connector that is identical the ones on the DINANTronics SPORT module.



6. Disconnect the wiring harness from the pressure sensor.

7. 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.
8. Using the included zip-ties, mount the module as shown below. Also use a zip-tie to secure the connector and excess harness to the plastic tube running directly underneath. Also ensure adequate slack in the wiring harness to allow for engine movement.



9. Reinstall the air intake duct.
10. Turn on the ignition, but do not start the engine. The LED on the module will illuminate.
11. 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 Google Play; iOS app coming soon).
12. Connect to your Android phone or tablet to your module using the app. Note that your device must be equipped with Bluetooth version 4.0.
13. Adjust module for the desired level of performance. Your setting will be retained, so adjustment is not necessary at each engine start.
14. Enjoy!

