



POWER MODULE – NM.648846

[F56] MINI Cooper S 2.0L 2014-UP

PARTS INCLUDED:

[1] Power Module

TOOLS REQUIRED:

[1] 7mm Nut Driver
[1] Small Screwdriver

[1] 10mm Nut Driver or Wrench

1. Recommended to install on a cool engine.



2. Remove the (2) 10mm nuts that hold down front air duct then push in tab at air filter box to disconnect.



3. Disconnect rubber support for battery cable from air filter box.



4. Disconnect electrical connector from MAF (Mass Air Flow) sensor. First pull outward grey tab then squeeze to release connector.



5. Loosen clamp at turbo inlet hose using 7mm Nut Driver and disconnect.



6. Remove the 10mm hex bolt located on driver side of air filter box.

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7. Lift out air filter box. **NOTE:** There are [2] pin mounts that sit into rubber grommets on bottom back side, so a little effort may be required to lift air filter box off rubber mounts.



8. Locate the T-MAP sensor electrical connection at throttle body.



9. Using small screwdriver, back out grey locking clip.



10. Then squeeze tab to unlock and disconnect.

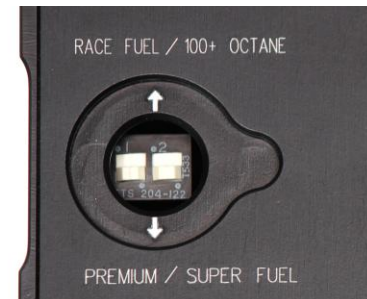


11. Route NM Power Module harness along the engine harness then underneath the throttle body up to the factory connector. Mate factory connector to Module connector and then Module connector to throttle body.



12. NM Power Module can be mounted in a couple of desired places. With supplied Velcro; either stick right on top of battery cover or on front of battery box.

13. Re-install factory air box, intake hose, rubber support for battery cable and front air duct.



14. NM Power Module has (2) position power switches accessible from the back side. Remove plastic cap to access. DOWN position for Premium fuel 91+ octane (3PSI increase) and UP position for 100+ Race fuel (5PSI increase). **NOTE:** BOTH SWITCHES MUST BE IN THE SAME DOWN OR UP POSITION.

15. ECU trims will adapt within 20 miles of driving. Enjoy!