



BOOST SENSOR TAP – NM.498856

[R55] MINI Cooper S Clubman 2008-up
 [R56] MINI Cooper S Hardtop 2007-up
 [R57] MINI Cooper S Convertible 2009-up

PARTS INCLUDED:

[1] Billet adapter [1] "O" Ring
 [1] SS Button head bolt M6 x 10mm

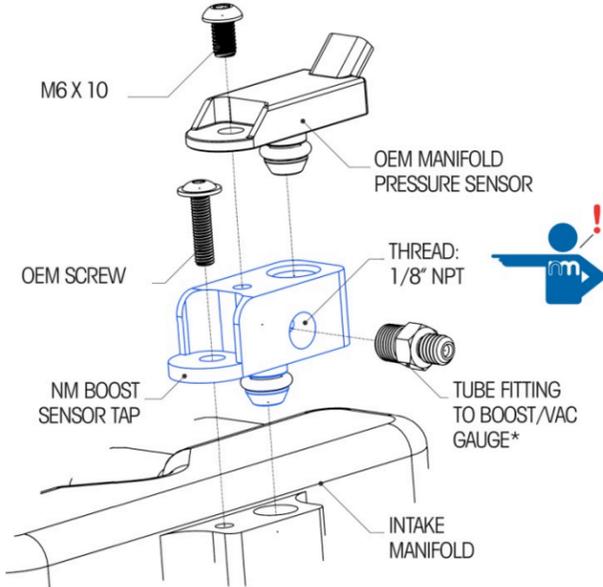
TOOLS & SUPPLIES REQUIRED:

[1] T25 TORX Driver [1] 7mm Nut Driver [1] 8mm Nut Driver or Socket
 [1] Screwdriver [1] 4mm Hex key wrench [1] Ratchet

INSTALLATION OVERVIEW DIAGRAM:

The back side of NM Adapter has 1/8" NPT port for gauge hook up. Check your gauge installation kit has the necessary adapters.

*Tube fittings are not included and usually are included with most boost gauges. Check with the gauge manufacturer to ensure compatibility with the NM Engineering Boost Sensor Tap.



1. Remove OE turbo inlet hose from MAF (mass air flow) sensor. Use screwdriver or 7mm Nut Driver to loosen clamp.



2. Disconnect electrical connector from MAF.



3. Remove T25 TORX screw located on passenger side of air filter box and lift off. **NOTE:** There are [3] pin mounts that are pushed into rubber grommet mounts on intake manifold, so effort may be required to lift air filter box off of mounts.



4. If you have NM Hi-Flow Induction Kit just remove filter.



5. Located on back side of intake manifold, remove screw that retains MAP (manifold absolute pressure) sensor using an 8mm Nut Driver or 8mm Socket.



6. Pull out MAP sensor.



7. Lightly grease "O" ring on NM Boost Sensor Tap and install onto manifold.



8. Using original screw tighten NM Boost Sensor Tap.



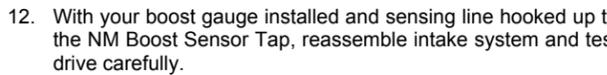
9. Install MAP sensor into NM Adapter, lightly grease "O" ring.



10. Using supplied M6 x 10mm screw, tighten MAP sensor to NM Boost Sensor Tap.



11. Double check complete installation.



12. With your boost gauge installed and sensing line hooked up to the NM Boost Sensor Tap, reassemble intake system and test drive carefully.