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JMTC ICI Pipe Installation Instructions

1. Open the hood then the battery cover door and disconnect the negative battery terminal.

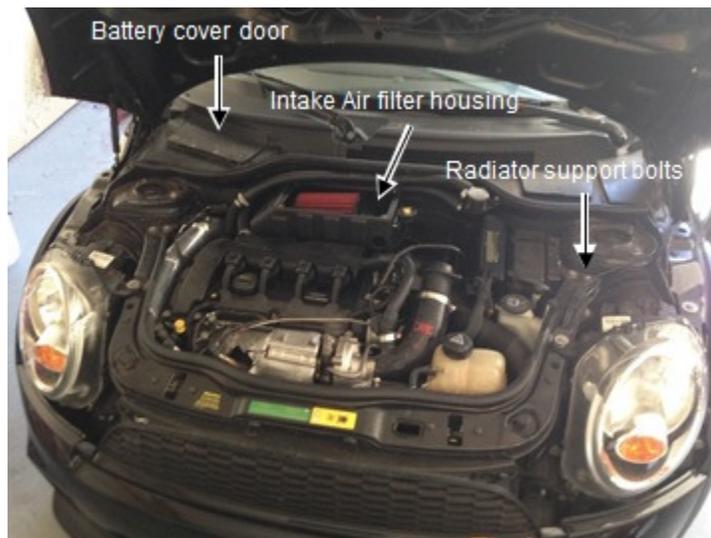


Figure 1 Mini Cooper engine Bay

2. Remove the air filter intake housing, to get access to the intake manifold pipe.
3. Remove the screw holding the map sensor in the intake tube and remove the map sensor.



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Figure 2 Map Sensor

4. Remove the electrical connector on the head light by squeezing the tabs on each side of the connection.



Figure 3 Head light electrical connection

5. Remove the head light by disconnecting the 4 bolts, make sure to note the location of the short bolt.

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Figure 4 Head light bolt locations

6. Remove the radiator core support starting with the hood locks and plastic grill clips.



Figure 5 Grill Mounting

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7. Remove the Hood/bonnet cable splitter.



Figure 6 Cable Splitter Box

8. Open the cover and disconnect the cables.



Figure 7 Cable Splitter

9. Remove the radiator support.

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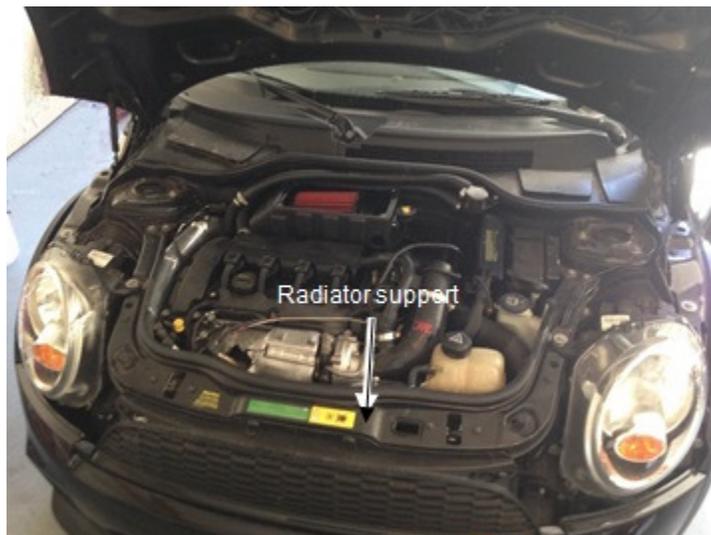


Figure 8 Radiator Support

10. Disconnect the lower boost tube from the Intercooler.



Figure 9 Radiator Support

11. Disconnect the intake pipe from the intake manifold by removing the clamps.

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Figure 10 Intake Manifold Elbow

12. Remove nut-sert (nut insert) using increasing sizes of drills until the compression portion of the nut separates.



Figure 11 Nut-Sert

13. Remove the original intake pipe.
14. Install the new silicone elbow in the same location as the original and clamp it to the intake manifold. Be careful not to over tighten the clamp or the intake manifold can crack.



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15. Install the ICI pipe into the elbows and make sure there are no clearance/interference issues that can cause wear.
16. Tighten up the clamps on the elbows.
17. Reinstall all of the parts in the reverse direction.
18. Remove the installation sleeve.