



McLaren M838T Engine JB4 BETA Install Guide  
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OPTIONAL JB4 APP SHOWN

Recommend working on a cooled down car.

Open the driver door to access hood release. Once opened, close driver door and lock the doors and place your key far enough from the car not to wake it up. Wait 5 min for the vehicles computer to go to sleep. Unbolt the two fasteners and put them aside in a safe place.





The hood is held by push grommets from the rear, you will need to pull up to remove from grommets. Then lift and pull the hood out of the hinges, you can now place this in a safe place.





Now we have access to the engine and all the connectors we need to plug into.



Starting with the driver side, that will use the brown patch connector. Remove the factory connector from the sensor on the intercooler. Push the JB4 harness into the sensor and the factory harness in to the JB4 harness like below.



Next we will move onto the intake manifold and use the rainbow patch connector. First you will need to remove the McLaren engine cover by pulling up to access the sensor. Remove the factory connector from the sensor on the intake manifold. Push the JB4 harness into the sensor and the factory harness in to the JB4 harness like below.





You can put the cover back on the intake manifold and move onto the driver side intercooler. Lastly this will use the blue patch connector. Remove the factory connector from the sensor on the intercooler. Push the JB4 harness into the sensor and the factory harness in to the JB4 harness like below.









Once you get to the rear, you will need to remove the back panel. It's held up by clips, so you will need to use some force to pry it off. After you pull it off you will see the sound tubes leading to the engine bay.

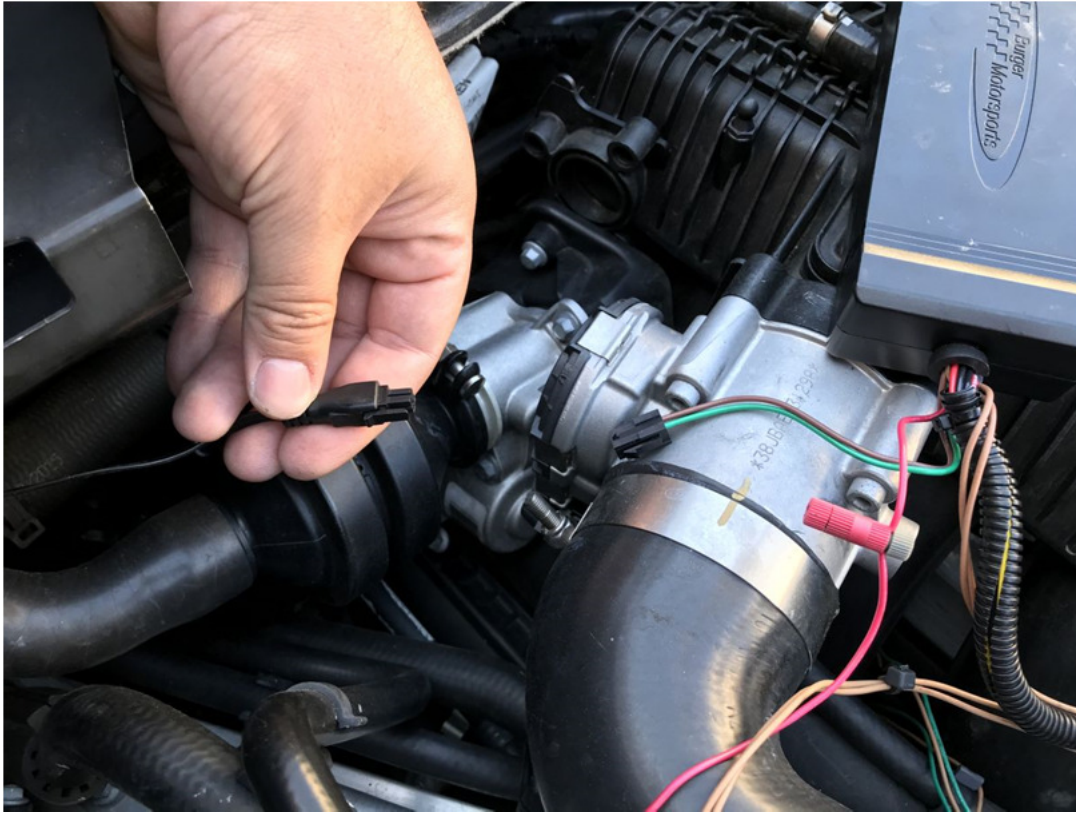
Route the OBD2 through that grommet hole.



After the OBD2 is routed you can put the rear panel back into place. You will see the engine compartment with the wire sticking out like so.



Now connect and connect the OBD2 molex to the JB4.  
Make sure the orientation of the 4pin wire is correct.  
Place the JB4 snugly behind the driver intake so it will stay dry in wet conditions.



Reinstall the engine hood, start the car and JB4 install is now complete!  
Car will be default on Map 1.

For more information on maps and updates please click here:  
<https://www.n54tech.com/forums/showthread.php?t=55839>