



Mercedes-AMG C63 / C63s AMG Stage 1 iTuning System

Fitting Guide

Welcome to the Rebellion...

You are now one of the lucky few that will experience the true power of the Mercedes-AMG C63/S. With this system equipped your car will be a 585BHP monster with 840nm of torque.

In building our kit we ensured that usability and real world power were at the top of our agenda. This ensures that when you call on the power it's there ready and waiting to ensure you are always ahead of the competition.

We always say we may not be the most powerful but we will always try to be the fastest!

Enough of the talking let's get the kit fitted... We do recommend professional installation however if you are relatively competent with tools you can do it at home.

Once installed we recommend running super unleaded fuel (97+ Ron, or 93 Octane(US)) if you use a lower grade fuel please contact us for information on setting the correct map.

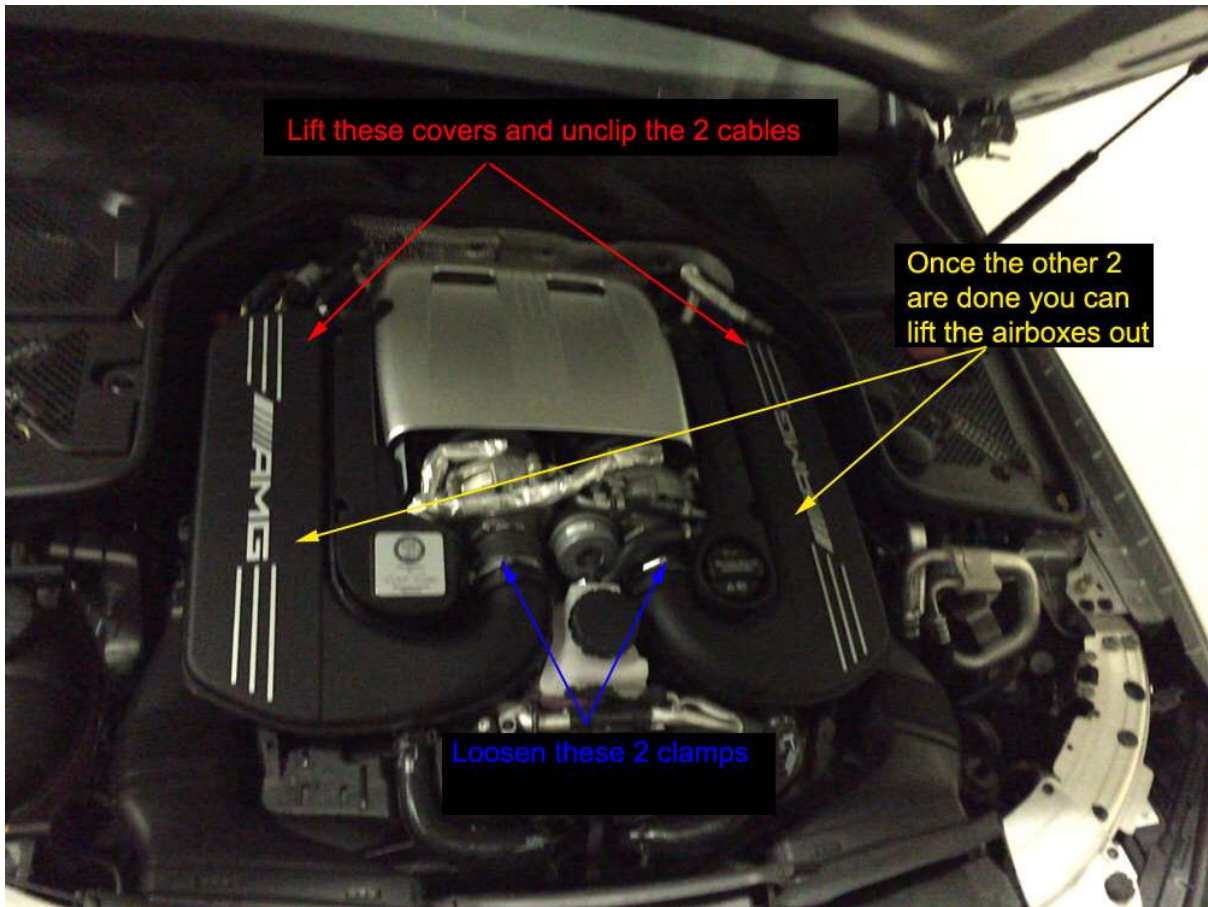
For this install you will need a selection of Flat Blade screw drivers (some small) and a Torx bit/Screwdriver set.

Open the Hood/Bonnet and remove all keys from the vehicle. Ensure you do not turn on the ignition, open doors or unlock the car during the installation. PLEASE NOTE VEHICLE SIDES WHEN DESCRIBED ARE AS IF YOU ARE LOOKING FROM THE **FRONT** OF THE VEHICLE.

Each branch of the tuning cable loom has a female plug that will connect into the cable coming from the car when you unplug that sensor and a male plug that connects to the sensor on car. Each sensor will follow this sequence, we will now go through a guide on locating the sensors.



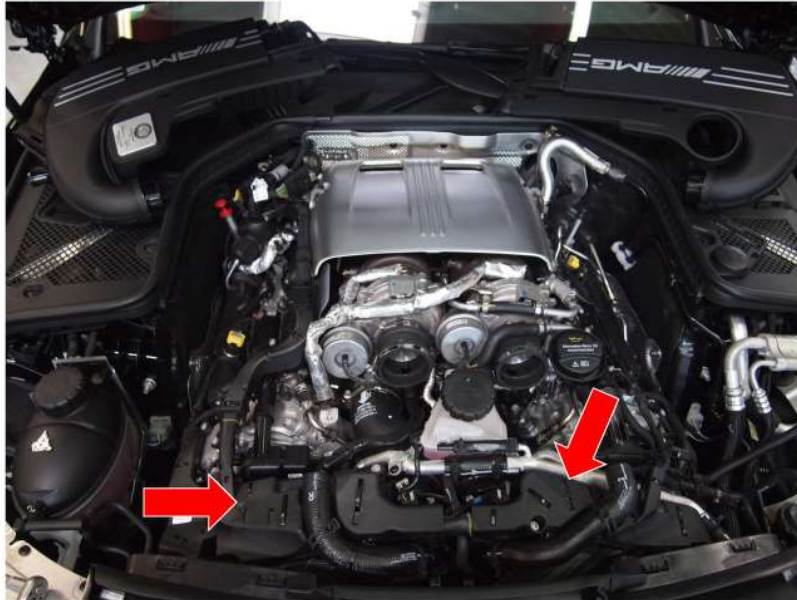
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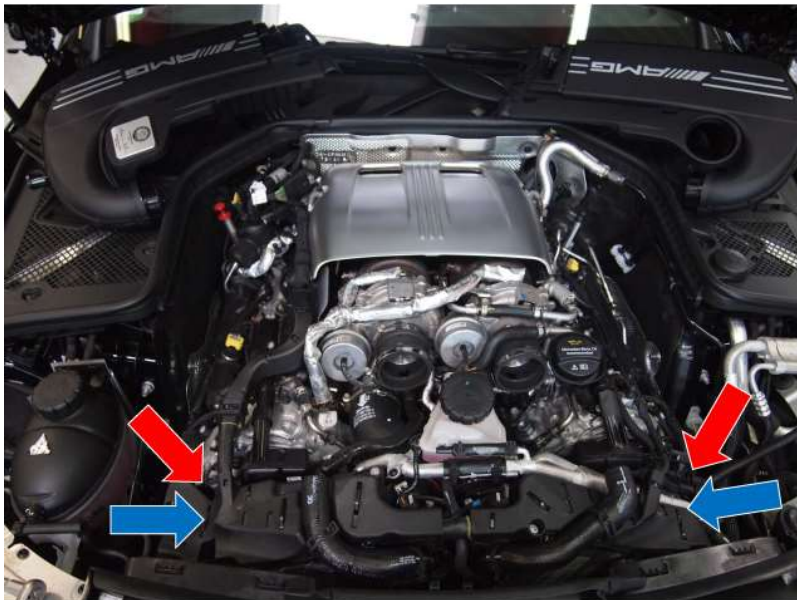
Remember to loosen the 2 pipes on the bottom of the Airbox to remove them completely.



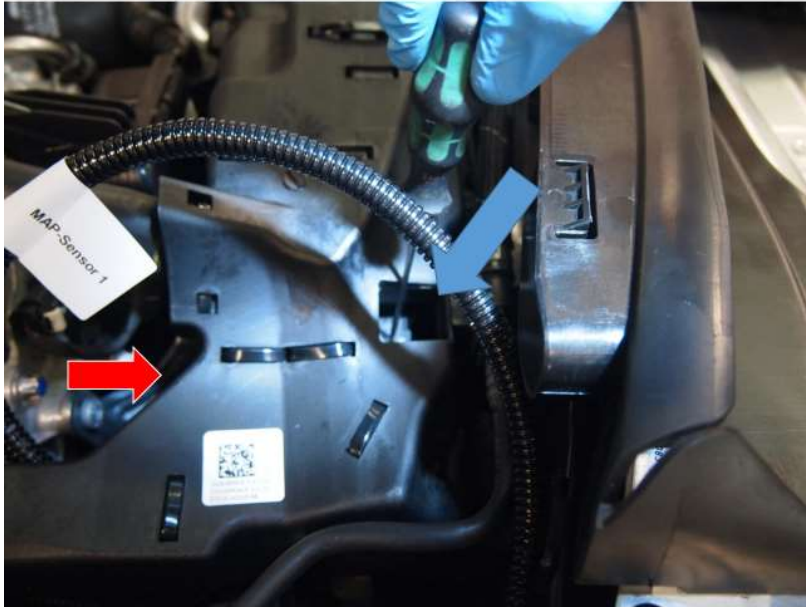
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Locate these 2 covers behind the fan. Remove the 4 Torx Screws that hold the covers to the engine this will give you the slack to unclip the sensors.



The red arrows indicate the MAP Sensors and the blue arrows indicate the Boost Sensors. (Boost 1 and MAP 1 are to the Left and Boost 2 and MAP 2 to the Right)



Locate Boost Pressure 1 through the gap in the cover indicated with a Blue Arrow.



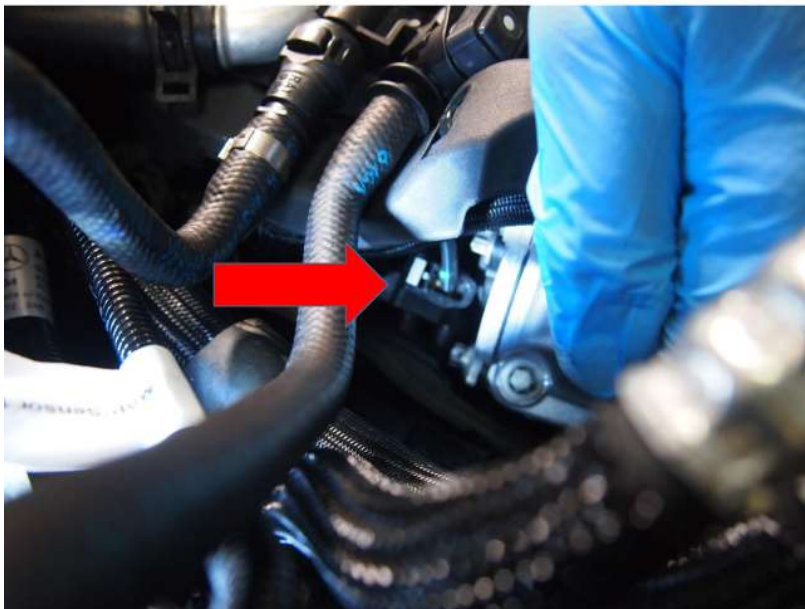
Locate Map Sensor 1 which is indicated by the red arrow



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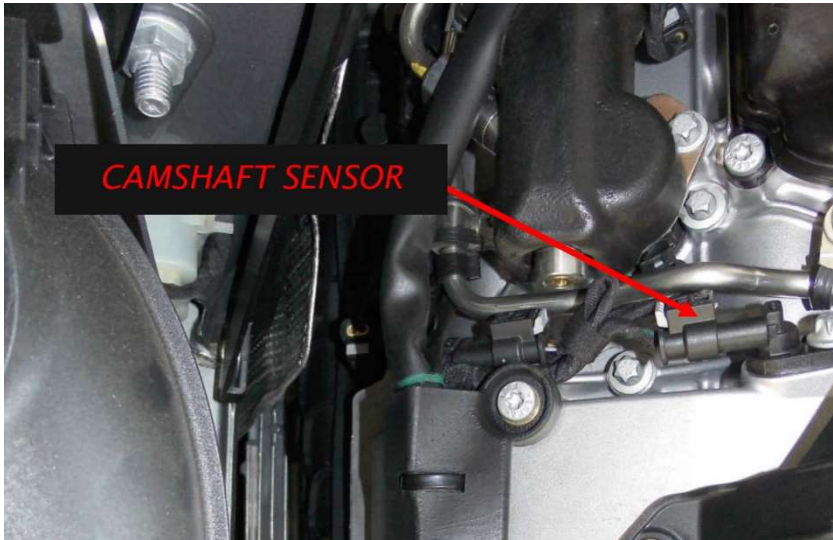
Locate Boost Pressure 2 through the gap in the cover and silver pipe indicated with a Blue Arrow.



Locate Map Sensor 2 which is indicated by the red arrow



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The Camshaft Sensor is located towards the front left of the engine.

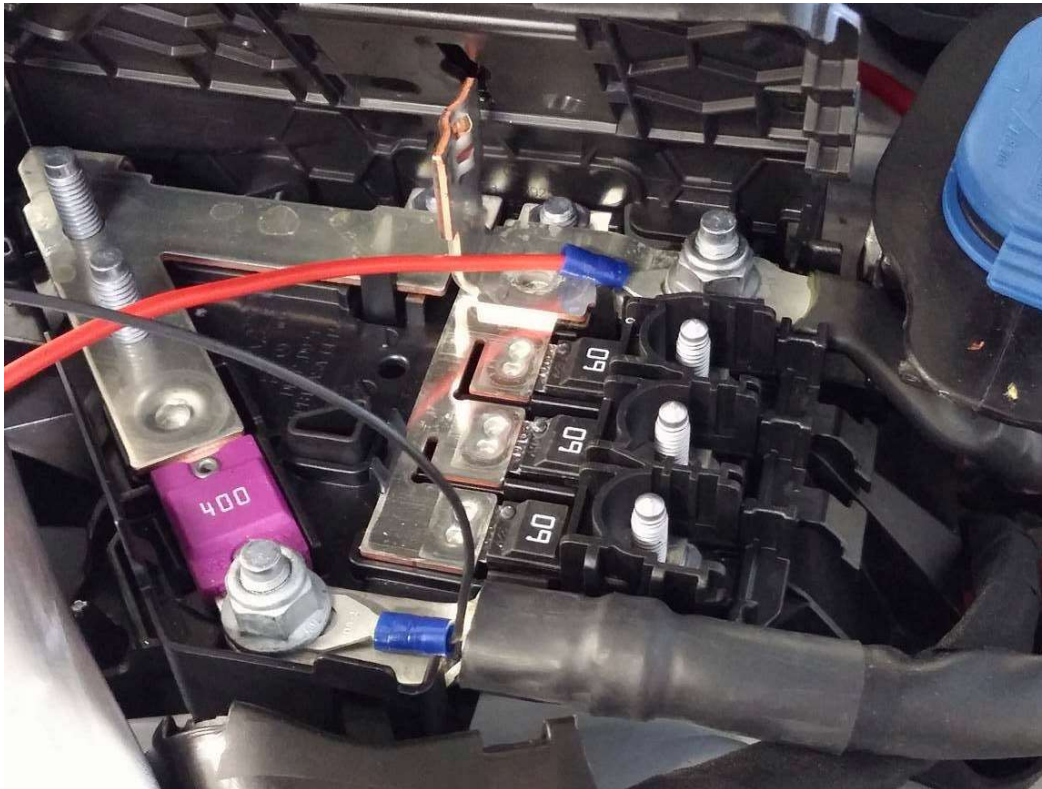


The system requires a power source to function correctly. You can connect the earth to the jump point to the right of the engine bay.



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DO NOT CONNECT THE EARTH TO THE LOCATION SHOWN IN THE PICTURE BELOW, IT WILL NOT WORK AS REQUIRED.



For the Positive (RED) you can connect it to the positive jump point cable located at the top right of the engine bay.

Once these are plugged in and the loom cables are plugged into the tuning ECU, route the cables to the right front right of the vehicle

Now go for a drive and enjoy!