

PPMERC45 - AMG A45 PLATINUM KIT

SKU: Suitable For AMG A45 2015-2016

Short Description:

MODEL: AMG A45

ENGINE: M133 DE 20 AL

PLATFORM: 1991CC L4 TWIN SCROLL TURBO

TYPE: UNICHIP Q4

PPMERC45T

Stock A45 makes 214kw @all 4 wheels and 390NM @all 4 wheels, with the

Unichip Q4 these numbers soon change to 243KW @ all wheels and 480NM@all wheels, but these numbers don't tell the real picture.

With the Unichip Q4 the torque increase at 3100rpm (this is an RPM range were the average driver spends a lot of time) is nearly 100NM, most A45 owners love their car but wish it had more low down power, we've got that covered.

As you can see the power is increased throughout the entire rev range with the stock output of 214kw passed now at the 4300 rpm mark, so in other words the Unichip equipped A45 makes more power at 4300rpm than the stock car makes at 6400RPM.

More power more torque, better throttle response and far better fuel consumption.

Power Results:

Before: 214 all wheel kw at 6200rpm

After: 243 all wheel kw at 6200rpm.

An amazing 29 awkw increase at 3300rpm

Torque Results:

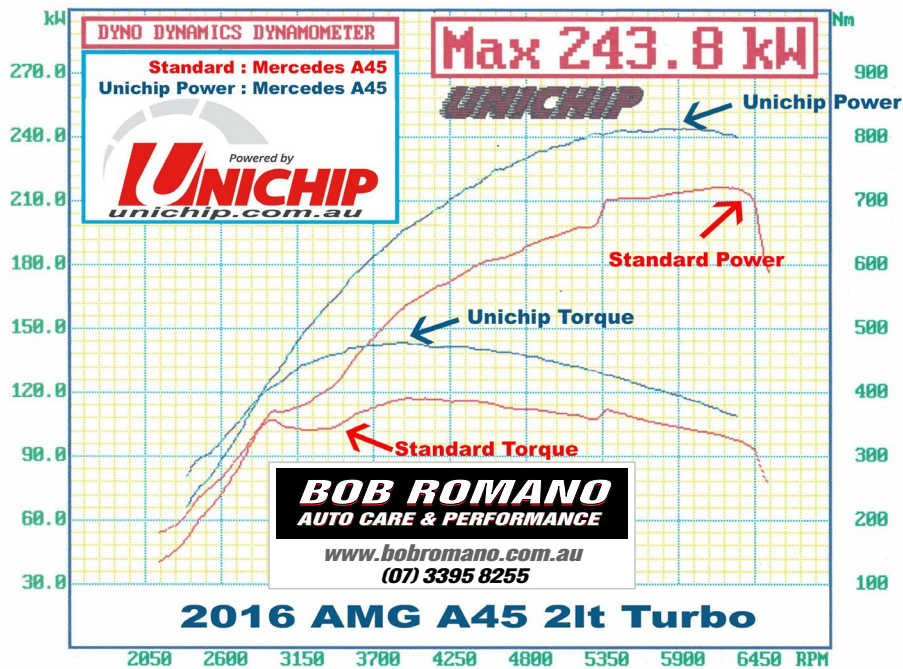
Impressive torque improvements as well to get the "Pocket Rocket" A45 moving.

increase in torque of 80nm at the wheels at 3300rpm!

From 340nm at the wheels.

To 480nm at the wheels.

How
does
a



Unichip Plug and Play work with your AMG A45?

Fuel Control: As 99.99% of factory cars come tuned VERY RICH, it makes sense to lean the fuel mixtures back to a safe area that enables the car to make good power without wasting fuel. With the Unichip we can blend the fuel trims only were required to correct the mass production "errors" allowing the engine to run more efficiently and ultimately last longer, the extra power produced is just a bonus!!

Ignition Timing Control: As with fuel control factory cars come with the ignition timing a long way away from ideal. With the Unichip we can optimise the ignition timing across the entire rev range, with Unichip "LIVE" timing and fuel adjustments are possible, this is the only true way of determining the best possible timing and fuel setting at each load site. Ultimately this will give the car more power, more torque and greater fuel economy. If the owner chooses to run premium unleaded fuel we can set the tune to take full advantage of the higher quality fuel.

Throttle Manipulation: Many new cars are "Drive by wire" meaning the throttle is now electronically controlled via the E.C.U. Not driven by a cable any more. With this control manufacturers are now controlling the amount of throttle opening and limiting throttle opening in some cases up to 75%!

Utilizing the power of the Unichip we open your throttle to 100% and also sharpen the response time! Giving you more power and torque and faster acceleration!

Boost Control: Unichip has complete 3D control over boost pressure across the entire operating range of the engine. This allows the Unichip Trained technician to increase the boost pressure as required. This helps in keeping the Air Fuel Ratios within a safe limit.

Platinum Feature:

Map Select : This option enables the 5 map capability of the Unichip Q4. This means you can access the 5 maps which can be tailored to your requirements. EG, High octane Map, low octane map, Standard Map, Immobiliser Map or even a race fuel map. Speak to your Authorised Unichip agent to tailor 5 tunes to suit your application.

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