

# PPTOY200.6 TO SUIT 200 SERIES LAND CRUISER 2016 -

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TO SUIT 200 SERIES LAND CRUISER 2016 -  
Present

**SKU:** PPTOY200.6

**MODEL:** 2016 - Present

**ENGINE:** 1VD-FTV

**DRIVER:** 2xD4

**UNI:** Q4

Diesel Tuning Solution



PPTOY200.6

Unichip Q4 and the Unichip D4D Injector drivers, we have finally released the Unichip PPTOY200.6 to suit the FACE LIFT 2016- 200 series V8 Twin Turbo Diesel Landcruiser.

Please be aware the new "Face Lift" 2016 200 series makes less power and torque factory than the previous models. In this example below we can see the power starts at 115Akw whereas most 2014-2015 models standard we see Around 135Akw.

Also, the torque is a little lower at 480nm@the wheels standard in the previous models we see a standard torque of 590nm@the wheels.

**The power increase displayed on the dyno Graph below is:**

(This vehicle was also fitted with 35" tyres this give a lower output reading.)

56.7kw Increase! or 47%

-From 115 kw at the wheels

-To 158.2 kw at the wheels

**The Torque increase displayed on the dyno graph below is:**

210nm Increase!

•From 480nm at the wheels

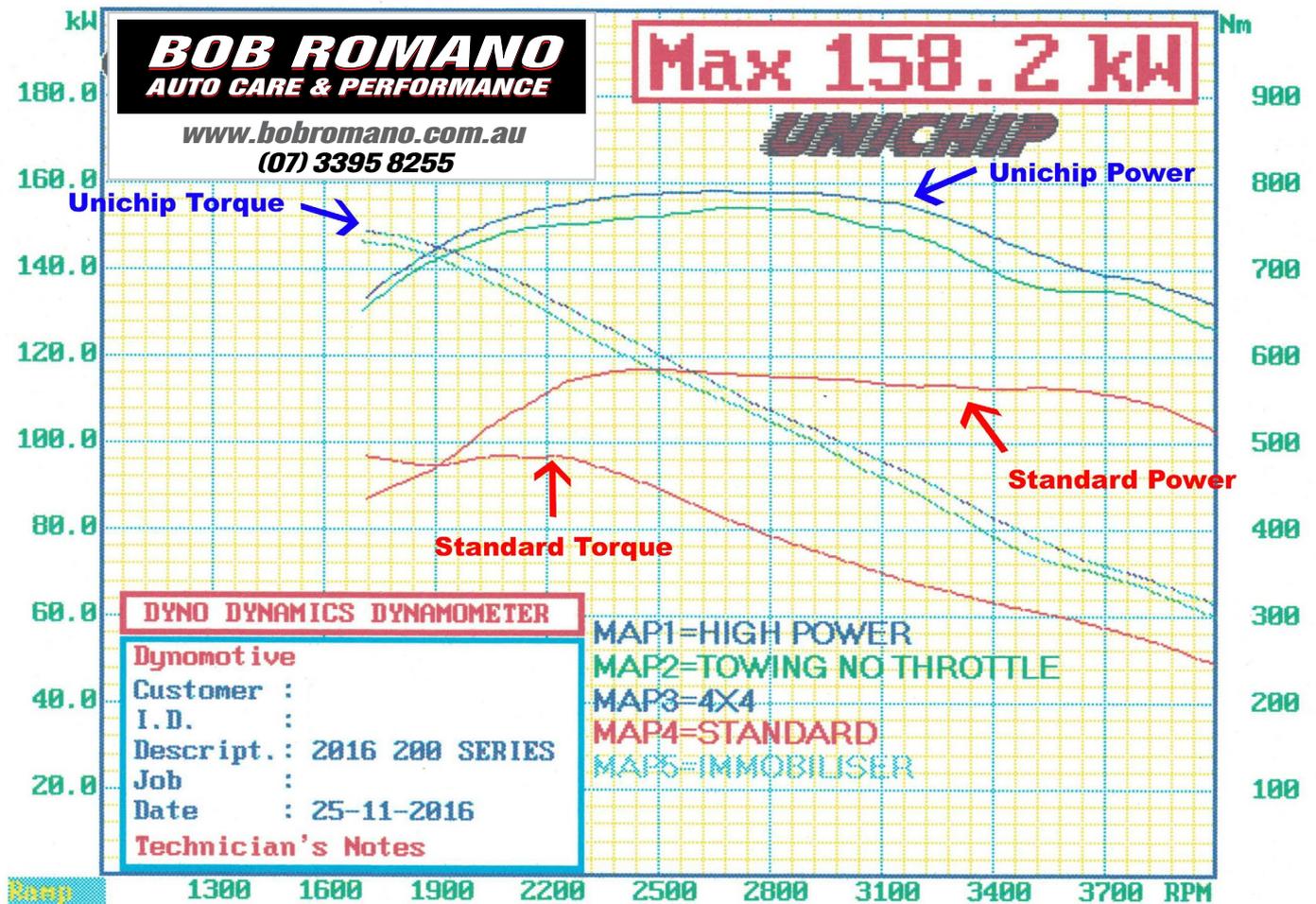
•To 720nm at the wheels

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### How does the Unichip work on your 2016 - 200 series ?

- **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.
- **Injector timing:** This is a unique Unichip feature to have complete 3D control of injector timing. This means we can control the exact time they open to achieve optimised fuel burn. This will result in lower exhaust gas temperatures and greater engine longevity.
- **Fuel Rail Pressure:** Unichip has full 3D control of Fuel Rail pressure, the simplest way to increase power on a turbo diesel. However there are rules to follow when increasing fuel rail pressure, these are taken into consideration from all of our trained Unichip Authorised agents.
- **Injector Drivers:** This feature allows the Unichip to have full 3D control of the Diesel Injectors via the Unichip D4D drivers for greater performance and flexibility.

### What are the other advantages to the Unichip Q4?

- **Throttle Booster:** This feature enables the Unichip Q4 to achieve a faster throttle response and reduce turbo lag. Some people pay upward of \$800 for a pedal booster kit. This is a standard feature in the Unichip Australia Plug & Play.
- **Water temp Protection:** This is the "built in" safety feature of the new Unichip Q4 we have the ability to monitor

engine temp via the coolant temperature sensor. This allows the Authorised Unichip agent to manipulate the tune on a sliding scale as the engine temperature rises. Meaning: As the engine temperature rises the Unichip Q4 will intercept a signal, removing the fuel, boost and timing, slowly and in a controlled fashion to ensure it maintains maximum power and torque output, without compromising the engine.

### **Optional Extras**

- **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 Power Map, Towing Map, Standard Map, Immobiliser Map or Even a High Boost or Low Boost Map. Speak to your Authorised Unichip agent to tailor 5 tunes to suit your application.

### **About the Unichip**

Unichip Plug and play, the market leader in precise accurate tuning for your late model turbo diesel. This is because it is the **ONLY LIVE** tuning software on the market for late model diesel engines; The Unichip is more than a traditional Chip, its closer to a standalone E.C.U. We calibrate the Unichip Unit LIVE on the dyno (this is very important) to give you the best and **SAFEST** power torque and fuel economy!

If your Dyno tuner isn't LIVE tuning he isn't tuning, it would be closer to an educated guess of what numbers in a fuel table or even worse a generic re-flash downloaded from the internet.... For your own sake and that of your investment insist on LIVE tuning.

So for a product that won't void your factory warranty, (The Unichip is fitted via a harness directly to your vehicle E.C.U), we do not remove or "flash"/write" over your factory E.C.U. This is hands down the safest, most precise, most diverse (Up to 5 different maps) and flexible (Can be moved from vehicle to vehicle) tuning solution on the market go no further than a Unichip!

In regards to the Unichip, there is no other system worldwide that gives you the tuning capabilities, and flexibility of the Unichip Q4 and PPTOY200.3 plug and play combination, when fitted and tuned by an authorised Unichip agent.

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