

PPISU06.1 ISUZU D-MAX 4JJ1-TC 2012-Present

unichip.com.au/ppisu061-isuzu-d-max-4jj1-tc-2012-present

SKU: PPISU06.1

MAKE: ISUZU D-MAX

MODEL: 2012- Present

ENGINE: 4JJ1-TC

UNICHIP: Q4

DRIVER: X4D



ISUZU D-MAX 4JJ1-TC

The power increase displayed on the dyno Graph below is:

Power - 44% Increase!

- Standard: 97 kw at the wheels
- Unichip: 138.8kw at the wheels

The Torque increase displayed on the dyno graph below is:

55%Increase in torque!

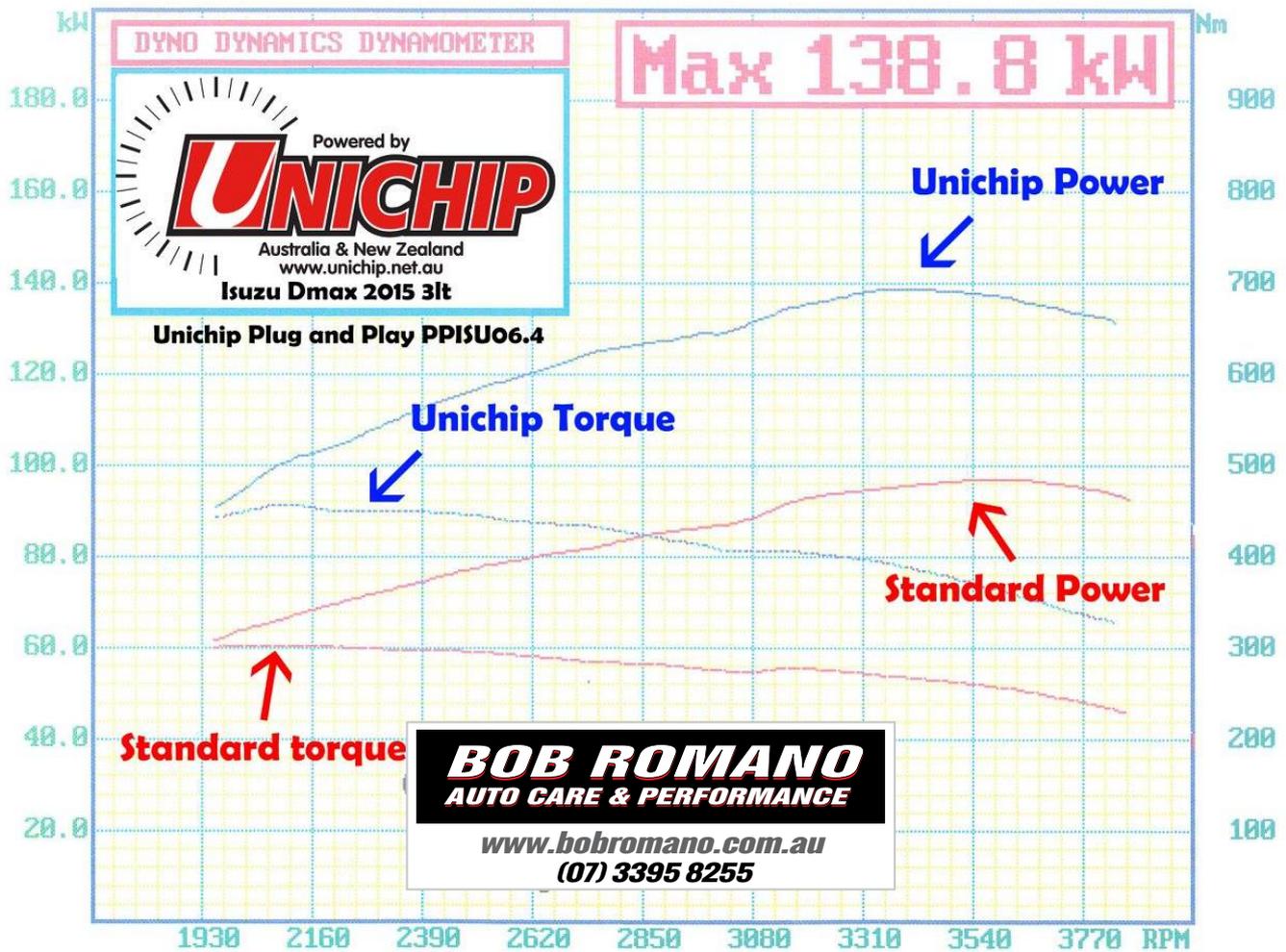
- From 300nm at the wheels
- To 465nm at the wheels

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How does the Unichip work on your ISUZU DMax 3lt.

•**Boost Control:** Unichip has complete 3D control over boost pressure across the entire operating range of the engine. This particular Ute was fitted with a turbo back exhaust prior to fitment of the Unichip. This allows the Unichip Trained technician to increase the boost pressure as required to a safe 15 - 16PSI . 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 burn of fuel. 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 Authorized agents.

• **Injector Driver:** This feature allows the Unichip to have full 3D control of the Diesel Injectors via the Unichip X4D driver for greater performance and flexibility.

• **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 temperature Protection:** This is the “built in” safety feature of the new Unichip Q4. We have the ability to monitor engine coolant temperature. This allows the Authorised Unichip agent to manipulate the tune on a sliding

scale as the engine temperature rises. This means as the engine temperature rises the Unichip Q4 can remove fuel, boost and timing slowly and in a controlled fashion to maintain safe water temperatures under extreme conditions for greater engine longevity.

OPTIONS

•EGT protection: This is the “add on” safety feature of the new Unichip Q4. We have the ability to monitor engine Exhaust Gas Temperature via the Unichip EGT sensor in the exhaust. This allows the Authorised Unichip agent to manipulate the tune on a sliding scale as the engine Exhaust Gas Temperature rises. Meaning that as the engine Exhaust Gas Temperature rises the Unichip Q4 will remove the fuel, boost and timing slowly and in a controlled fashion to ensure it maintains maximum power and torque output without compromising the engine longevity.

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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