

Turbo and Intercooler Modifications

NISSAN PATROL GU TD42 ENGINE



At United Fuel Injection, we have developed an after-market system modification to suit the Nissan Patrol TD42 factory turbocharger and turbocharger/intercooler fitted vehicles. The modification optimises the performance of your vehicle whilst reducing the engine operating temperature.

We provide a professional installation service at our purpose-built facility, which includes a state-of-the-art Bosch 4WD chassis **dynamometer**.

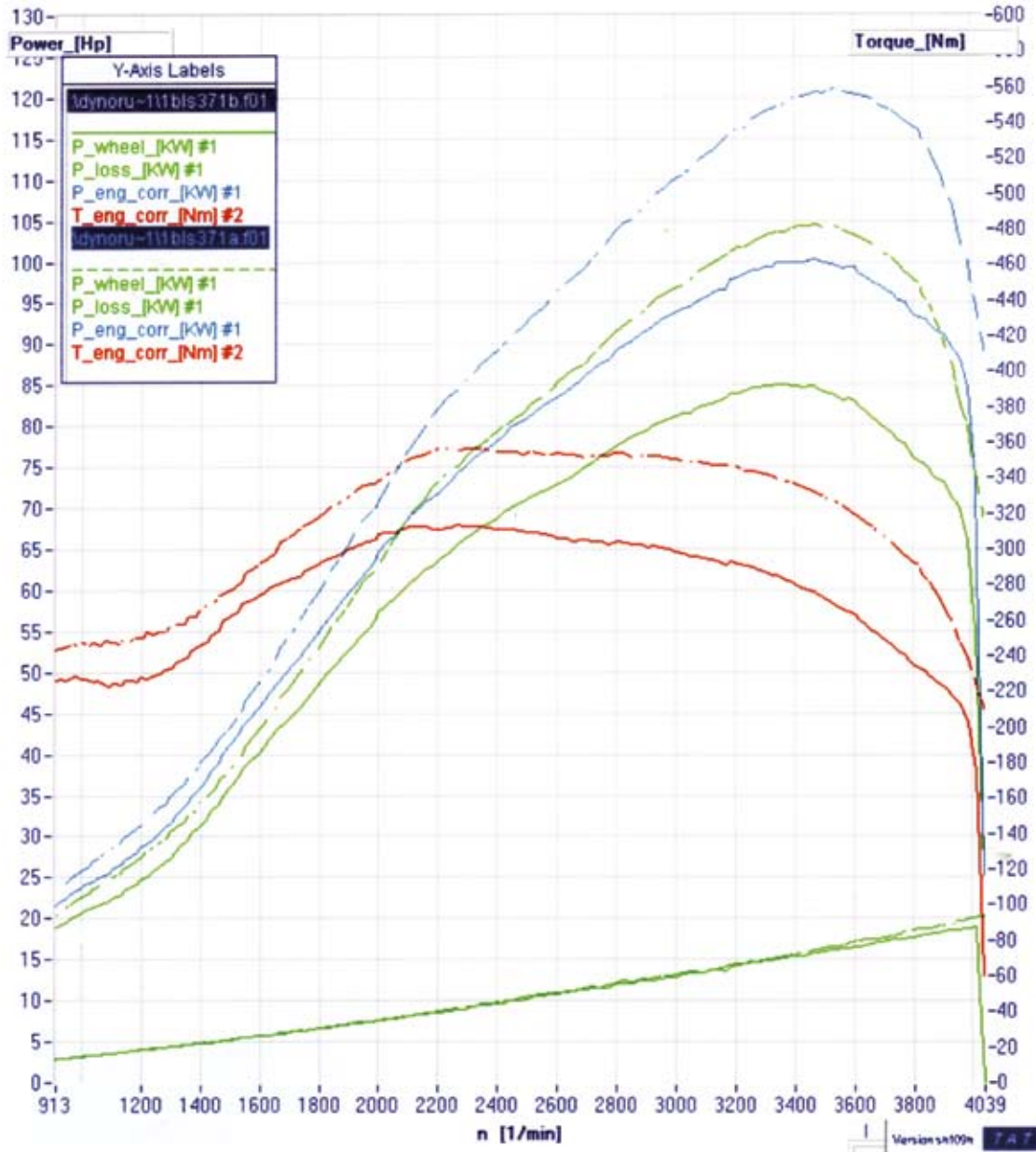
We don't make any guesses as to the power increase we achieve — we dyno each vehicle before and after installation so we can show you the results on paper. This facility, allied with our years of experience in the Diesel Fuel Injection industry, allows us to set up your engine to run optimal AIR-FUEL ratios right through the rev range. This ensures that exhaust temperatures will be controlled — which is the most important issue when increasing the performance of a diesel engine.

SYSTEM FEATURES

- 3 inch mandrel bent exhaust system
- Cast 3 inch non restrictive drop pipe
- Dynamometer report — before and after modification to document improvement
- Reduced exhaust gas back pressure
- Reduced exhaust gas temperatures
- Reduced fuel consumption



FULL THROTTLE POWER TEST



DYNAMOMETER RESULTS

| | | | | |
|--------|----------------|----------|--------|----------|
| BEFORE | 100 kW (136Hp) | 3461 RPM | 313 Nm | 2256 RPM |
| AFTER | 121 kW (165Hp) | 3538 RPM | 357 Nm | 2295 RPM |

