torqit
innovation in performance

MODULE MAP
REMOTELY TUNE YOUR VEHICLE

CRUISE MODE
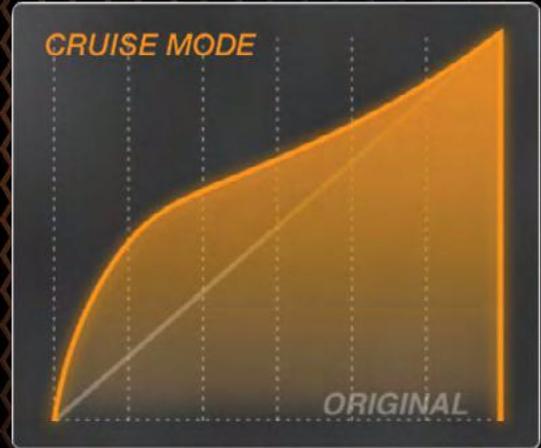
ORIGINAL

ABOUT THE MODULEMAP

The ModuleMap uses European race technology to access the full potential of a vehicle. The ModuleMap is an ultra fast and powerful ECU programming tool that allows the factory settings of a vehicle to be calibrated and optimized. The adjustable settings of Torqit's ModuleMap are based on the factory parameters of the vehicle then meticulously and safely enhanced to suit each vehicle platform.

The versatile device allows the user to store 3 map tunes. Included in the maps is the is the standard tune of the vehicle, so at anytime the vehicle can be returned to stock or optimized for increased performance. The power is in your hands.

MODES

CRUISE: has been designed for improved everyday driving

SPORT: highest performance output that is ideal for towing heavy loads

STANDARD: return the vehicle to stock performance

The ModuleMap allows your vehicle to be remapped without the need to take your vehicle to a tuning store. The easy to use unit can be installed by any individual with a computer or laptop with a USB port. The Standard file of the vehicle is sent to our highly qualified vehicle software technicians whom have more than 40 years experience in EFI performance tuning. When the tunes are written for a vehicle, they are fully customised to that vehicle. The tune also considers after market modifications that have been added to the vehicle such as exhaust, tyres, snorkel etc.

After tuning your vehicle with a ModuleMap, you can expect a significant increase in power, torque and overall performance. The software used has the capabilities to cause peak power to come on earlier or later.

Also included in the ModuleMap package is a complete trickle battery charger. This provides automatic voltage stabilisation and current limit charging. When using the ModuleMap on your vehicle it is important that your Torqit charger is connected. The Torqit charger can provide stable 12 volt power and is also ideal for charging caravans, boats and jetskis.

THE PARAMETERS THAT THE MODULEMAP TARGET

Injection Quantity	Injection quantity is the amount of fuel delivered to an engine cylinder per power stroke. By adjusting the amount of fuel being delivered to an engine cylinder the ModuleMap can increase gas and boost pressure.
Injector Phase	Adjusts the injector cycle to be completed at the exact moment the intake valve starts to open. Fuel begins to evaporate before being sucked into the cylinder. This improves fuel economy and creates more power without raw fuel going into the exhaust.
Rail Pressure	The fuel rail sensor is designed to monitor the fuel pressure that is present at the fuel rail. Ensuring accurate and consistent fuel pressure is critical for maximum and consistent performance. This parameter can be adjusted to optimise atomisation.
Power Limiters	These limiters can be raised or removed using the ModuleMap, this provides increased performance.
Air Fuel Ratio	ModuleMap allows the air to fuel ratio to be adjusted and optimised to safely match the desired boost level, creating more output than the original ratio.
Turbo Boost Pressure	A closed loop calculation that defines the turbo boost and ratio of air going into the vehicle. This parameter can be mapped and precisely controlled.
Injection Timing	Allows more or less fuel to be added and burned. Together with the rail pressure these are the mechanisms used to control how much fuel is being provided to the cylinders timeframe.
Smoke Limiter Maps	This parameter restricts the amount of fuel injected to control incomplete combustion, reducing black smoke and soot that would be caused. ModuleMap can disable/control this feature.
Fuel Load Increase & Decrease	Adjusts the quantity of fuel to be added from the air/fuel mixture in situations where load is either increasing or decreasing as opposed to a steady state or constant load situation.