



Delta 400 SPi plug and play ECU kit



Fully 'plug and play' programmable ECU solution for single point injection (SPi) Minis.

- No modifications required to vehicle or wiring
- Programmable fuel injection, spark advance, idle speed control
- Easy to use PC software designed for Windows XP and Vista
- Communications with PC via a supplied bespoke micro-USB dongle
- Controls all standard sensors and actuators including:
 - Idle stepper motor
 - Inlet manifold heater
 - Air conditioning compressor (if fitted)
 - Canister purge valve
 - Coolant temperature gauge
 - Automatic transmission
- Emissions compatible using standard lambda sensor
- Automatic internal barometric pressure compensation
- Throttle position based load control for faster throttle response and use with high-lift and duration camshafts
- Supplied with a base map for standard 1275cc engines

Now you can tune your injection Mini just like those with carburettors. Make

www.specialist-components.co.uk +44(0)1953 789311

Specialist Components, Unit 6 Oaks Farm, Besthorpe Road, Carleton Rode, Norfolk, NR16 1NF

maximum advantage of any modifications to your engine, exhaust and intake. Set the

idle speed, pass the MOT (with a suitable catalytic converter) or simply check that all your sensors are working correctly without need for expensive diagnostic testers.

Hardware Installation Process

1. Unplug Rover MEMS ECU electrical connector.
2. Remove vacuum hose connection from MEMS ECU and blank off (it is not used with the Delta 400 SPi system).
3. Remove MEMS ECU from vehicle.
4. Mount the SC Delta 400 SPi ECU onto existing MEMS ECU bracket. You will need to drill two holes into the ECU bracket to mount the Typhoon ECU using the two lugs on the side of the SPi ECU. Secure the ECU with two self-tapping screws.
5. Plug the wiring adapter loom into the vehicle ECU connector and the Delta 400 SPi ECU.
6. Switch on the ignition to position II (engine not running).
7. Depress and release the throttle pedal 5 times to initialise the idle stepper motor and throttle position sensor. Wait 15 seconds without touching the throttle pedal for initialisation to complete.
8. Start the engine and allow it to idle for a few minutes before driving.