



NANO/COM

DESIGNERS AND MANUFACTURERS OF CUTTING EDGE AUTOMOTIVE DIAGNOSTIC EQUIPMENT.

FUNCTIONS DESCRIPTION MANUAL

Coverage	Nanocom EVOLUTION
ECU	PUMA TD4 Defender
List of Functions	<ul style="list-style-type: none">○ Faults○ Inputs○ Settings

DIAGNOSTIC FUNCTIONS OF THE PUMA TD4 (DEFENDER)

All the diagnostic functions have to be performed with the Ignition turned on stage II and the engine may be running or stopped.

FAULTS FUNCTIONS

The PUMA TD4 ECU has the READ FAULTS and CLEAR FAULTS to read and clear the fault codes. A description is give where available from the ECU.

Save Text

INPUTS FUNCTION

This section is divided in 5 sub sections:

1 Pressure - Temperature

- Manifold pressure
- Ambient pressure
- Manifold pressure sensor
- Air flow
- Fuel rail pressure
- Fuel rail sensor
- Fuel rail temperature
- Coolant temperature
- Air inlet temperature
- EGR.

2 Speed - Accelerator

- Pedal sensor D%
- Pedal sensor E%
- Fuel requested
- Engine speed
- Road speed
- Idle engine speed
- Engine load

3 Voltages

- Battery voltage
- Module voltage

4 In – Out Status

- Alternator lamp
- Geo. Var. turbo fault
- Crank reference fault
- Low fuel shutdown
- simulated misfire
- Water in fuel
- Compression balance
- Injector 1 overridden
- Injector 2 overridden
- Injector 3 overridden
- Injector 4 overridden
- A/C request
- A/C pressure high
- A/C mil light

- A/C clutch request
- Glow plug request
- Glow plug light request
- Starter motor enable
- Brake input switch
- Brake light
- Ignition status
- Oil pressure switch

5 Other

- Fuel tank volume

Settings

Engine control module speed limit

- **Speed Limitation 82mph (131kph)** : Sets the vehicles EMS speed limiter to 82mph.
- **Speed Limitation 87mph (140kph)**: Sets the vehicles EMS speed limiter to 87mph.

Set limit