



**NANO/COM**

DESIGNERS AND MANUFACTURERS OF CUTTING EDGE AUTOMOTIVE DIAGNOSTIC EQUIPMENT.

## FUNCTIONS DESCRIPTION MANUAL

Coverage	<b>Nanocom 1 and EVO</b>
ECU	<b>Auto Gearbox GS887</b>
List of Functions	<ul style="list-style-type: none"><li>○ Faults</li><li>○ Settings</li><li>○ Vin</li><li>○ Inputs</li><li>○ Utility<ul style="list-style-type: none"><li>Reset Adaptive Values</li></ul></li></ul>

# DIAGNOSTIC FUNCTIONS OF THE Auto Gearbox (DISCOVERY II)

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

## FAULTS FUNCTIONS

The Auto Gearbox ECU has the READ FAULTS and CLEAR FAULTS to read and clear the fault codes. We do not give any faults explanation or suggestions, in order to avoid giving wrong information to the user, we think in fact that the faults codes must be collocated in the context of the car which they come from.

## SETTINGS FUNCTION

Settings page covers information like:

Manufacturer   Software level   Coding Index   LR Part Number  
CAN software level   Software version   Part Number

## Vehicle VIN

Shows the vehicle VIN stored in the ECU which can be altered by entering new VIN number in the designated field and press Write VIN button.

## INPUTS FUNCTION

This function is divided in 2 sub-sections **Pressures** witch contains information regarding Upper shift speed range and Speed range correction the second section is **General** witch contains information regarding:

Throttle position	Engine torque	Torque requested	Reduced torque
Friction torque	Torque reference Nm	Program switch	H/L range switch
Gear switch W	Gear switch X	Gear switch Y	Gear switch Z
Kick Down	Shift type	Battery (V)	Output Speed (RPM)
Engine Speed (RPM)	Turbine Speed (RPM)	Engine Temp (c)	Modulator Pressure
Solenoid Valve's 1,2,3 Adaptive program's 1,2,3			

## UTILITY FUNCTION

Here you will find the RESET ADAPTIVE ALUES button that causes the GS887X ECU to reset all adaptive values that the ECU has learned from the vehicle. The adaptations should be reset if the gearbox mechanical components or gearbox ECU have been renewed or rectified.