

AFTER MARKET DEPARTEMENT

SMART NEW FUNCTIONS



MANAGEMENTE MAP SIGNAL BY TOOL

MAP USED => GAS PRESSURE READ IS RELATIVE (the ECU is set automatically for use FSU filter)

REVS	1445 rpm	GAS time	0,00 ms	G. PRES.	1,16 bar	PETROL
T. GAS	45 °C	PETROL time	10,38 ms	MAP	0,52 bar	
T. RED.	61 °C	λ1	n.d.	EXTRA-INJ.	<input type="checkbox"/>	
					CUT-OFF	<input type="checkbox"/>
					DIAGNOSTICS	<input type="checkbox"/>

DISCONNECT KEY-ON TO MODIFY THE PARAMETERS IN BLUE

Fuel type	LPG	Rev signal type	standard
Injection type	sequential	Ignition type	single-coil
Injector type	Lovato	Number of cylinders	4 cylinders
<input type="checkbox"/> Valvetronik/Start & Stop	<input checked="" type="checkbox"/> MAP	Personalizzazione ECU	Lovato

REMARKS

RESET

MAP NON USED => GAS PRESSURE READ IS ABSOLUTE (the ECU is set automatically for use ELTEK sensor)

REVS	1445 rpm	GAS time	0,00 ms	G. PRES.	1,68 bar	PETROL
T. GAS	45 °C	PETROL time	10,38 ms	MAP	n.d. bar	
T. RED.	61 °C	λ1	n.d.	EXTRA-INJ.	<input type="checkbox"/>	
					CUT-OFF	<input type="checkbox"/>
					DIAGNOSTICS	<input type="checkbox"/>

DISCONNECT KEY-ON TO MODIFY THE PARAMETERS IN BLUE

Fuel type	LPG	Rev signal type	standard
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Injector type	Lovato	Number of cylinders	4 cylinders
<input type="checkbox"/> Valvetronik/Start & Stop	<input type="checkbox"/> MAP	Personalizzazione ECU	Lovato

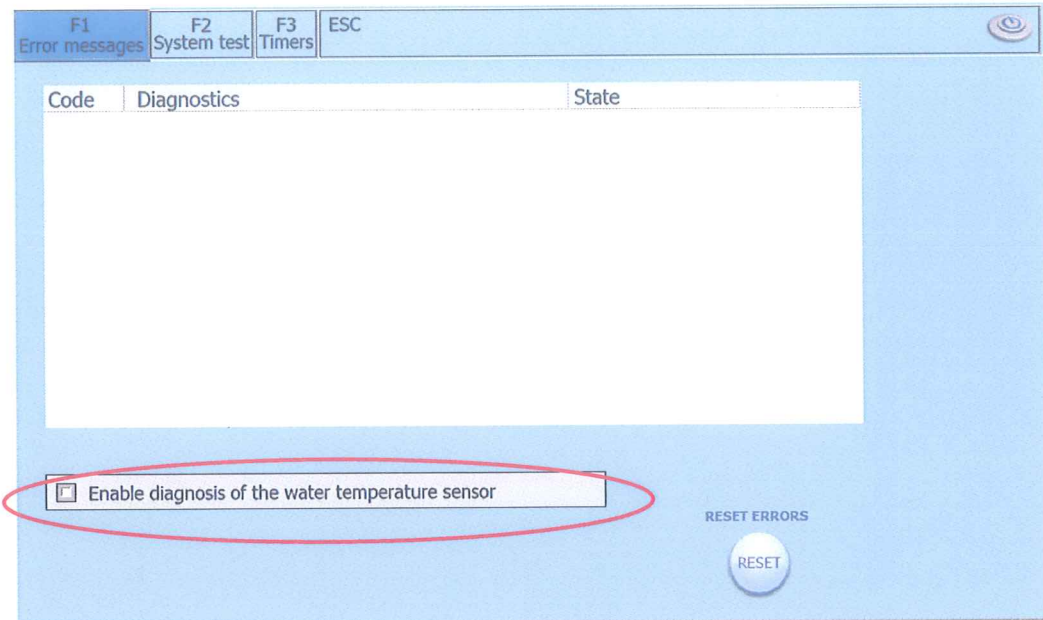
REMARKS

RESET

NEW DIAGNOSIS

WATER SENSOR DIAGNOSIS => when you use the water sensor, it's possible to enable the diagnosis.

When the diagnosis is enabled, if a problem in the water sensor happens the system backs to petrol and indicates WATER SENSOR DIAGNOSIS. If the diagnosis is disabled and a problem in the water sensor happens, the system pass to use a gas temperature for manages the switch petrol-gas and not indicate nothing.



SHORT DELAY WITH WARM ENGINE WITHOUT WATER SENSOR

When you start car with warm engine within the first hour of switch off of car, normally the switch delay is half of value in the vector. If you check the "short delay" the delay time is the same of the last value in the vector

This function is useful when the engine is warm but the gas temperature sensor indicates still a low temperature and the delay time (also divided half) is to long.

Switching delay with gas temperature									Short delay with warm engine <input type="checkbox"/>
Temp.[°C]	-20	-10	0	5	10	15	20	30	40
Switch[s]	510	480	300	210	150	120	90	60	30

OBD NEW FUNCTIONS



FUNCTIONALITY OF SYSTEM WITHOUT THE WATER SENSOR

The same functionality of SMART ECU when you use or not use the water sensor

Regulator temperature adjustment										
°C	20	25	30	35	40	50	60	70	Other	
±100%	-7	-6	-5	-4	-3	-2	-1	0	0	
GAS temperature adjustment										
°C	0	10	20	30	40	50	60	70	Other	
±100%	-3	-2	-1	0	0	0	1	2	3	
Switching delay with gas temperature										
Temp.[°C]	-20	-10	0	5	10	15	20	30	40	
Switch[s]	510	480	300	210	150	120	90	60	30	
Short delay with warm engine <input type="checkbox"/>										

AUTOMATIC CORRECTION OF DIFFERENT PRESSURE OF REDUCER

If necessary is possible to change the parameter of pressure reducer for adapt the pressure correction
For ex when you use the RGJ-SHP that works at 1.2 bar

Adjustment re-entry from cutoff	<input type="text" value="0"/>	%
Number of injected phases	<input type="text" value="0"/>	
<input type="checkbox"/> Correction with absolute pressure	Reducer pressure <input type="text" value="1"/> bar	

OBD & SMART NEW FUNCTIONS



EXTRA-INJECTION SENSITIVITY

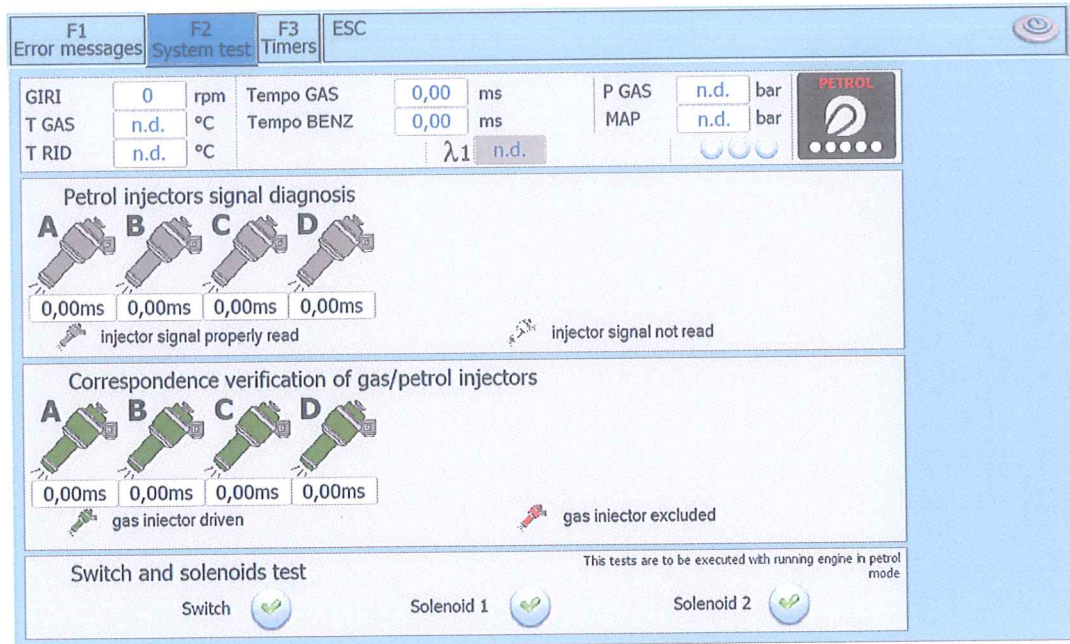
Now you can read the value of "sensitivity": the value is the offset added to gas extra-injection time



SYSTEM TEST

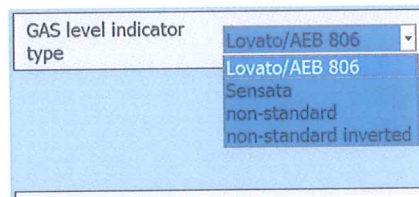
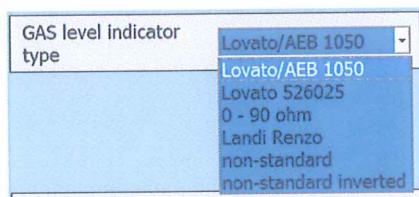
The "Injector Test" windows has been transformed in "System Test"

Now it's possible read all parameters and check the EV GAS and the Switch



NEW STANDARD LEVEL INDICATOR IN THE DROPDOWN MENU

GPL (LANDI) E CNG (SENSATA)



MESSAGE WARNING AT THE CLOSING THE SOFTWARE EASY FAST

Don't forget the wireless device in the engine compartment

