

KIT OMEGAS (8 cyl.)



FEATURES

LANDIRENKO OMEGAS, for vehicles with 5- to 8-cylinder engines, is Landirengo's flagship system, and the most popular with automobile manufacturers all over the world.

Careful selection of components for speed, precision, resistance to high temperatures and impermeability allow the system to pass the strictest endurance tests, ensuring maximum efficiency over time.

The components, which represent the top of the Landirengo range, are: a 60-pin ECU with OBDII connectivity via the K and CAN protocols for complete, accurate diagnostics of the gas system; a single-stage regulator for high power requirements, with a built-in solenoid valve; a low-pressure LPG filter; and every accessory to ensure optimal component mounting. LPG is accurately metered by the high-precision GIRS12 injector rail (not included in the basic kit). The system is compatible with the most stringent emissions standards (Euro 6 ready).

Advanced calibration offers the highest levels of accuracy and precision when setting up the system

COMPOSITION

KIT

- PRESSURE REGULATOR
- ECU
- BOXER Y CONNECTOR
- SQUARE SWITCH
- MAP SENSOR
- *UNCOUPLE WIRING HARNESS
- GAS FILTER
- HOSES & PIPES
- T CONNECTORS
- CLAMPS
- BRACKETS

* Uncouple wiring harness injectors exclusion not included in kit

MINIKIT

- PRESSURE REGULATOR
- ECU
- SQUARE SWITCH
- MAP SENSOR
- *UNCOUPLE WIRING HARNESS
- GAS FILTER

MAINTENANCE

- Gas filter replacement (low pressure circuit) and controls (20.000 km).
- Gas injectors overhaul (60.000 km).
- Pressure regulator maintenance service (80.000 km).


HOMOLOGATIONS


DGM (Italy) 59598 LPG Injection systems Euro 5 - 6 for power (kW/cylinder) from 9 kW to 45 kW


DGM (Italy) 59526 LPG turbo engines systems Euro 3 - 4 for power (kW/cylinder) from 860 cc to 3160 cc


DGM (Italy) 59626 LPG aspirated systems Euro 3 - 4 for power (kW/cylinder) from 590 cc a 2500 cc

COMPONENTS

PRESSURE REGULATOR	LI10M	
	NOMINAL OPERATING	40 Kg
	OPERATING PRESSURE	1,2 bar relative
	PRESSURE SETTING SAFETY VALVE	4 bar relative
	WORKING TEMPERATURE	-20°C ÷ 120°C
	ELECTRIC FEATURES COIL SOLENOID	12 V - 11 W

ECU	OMEGAS 3.0 OBD	
	CLASS IP	IP6K9K
	VOLTAGE POWER	10-16 Vdc
	WORKING TEMPERATURE	-40°C ÷ 120°C
	ENTRY CONNECTION	60 PIN
	DIMENSION	196x163x43 mm

RAIL INIETTORI	GIRS12 (NON INCLUSO)	
	INJECTOR TYPE	Normally closed
	CLASS IP	IP54
	CONNECTOR	MTA HP6
	WORKING TEMPERATURE	-30°C ÷ 95°C
	WORKING PRESSURE (RELATIVE)	Max 3 bar
	VOLTAGE - CURRENT WORKING	9/16 V - 1,5 A
	OPENING - CLOSING TIME	1,9 ms - 2,0 ms

SWITCH	SQUARE
	<p>An electronic control module with the characteristic square shape whose functions are:</p> <ul style="list-style-type: none"> • gas / gasoline switch and indication fuel in use by means of two LEDs • display of the quantity of gas present in the tank using 5 LEDs. <p>The switch also has a buzzer which comes into operation in the following conditions: back to petrol for low pressure, back to petrol for diagnosis.</p>

VERSIONS

DESCRIPTION	CYL.	Max power (kW)**	PRESSURE REGULATOR	ECU	RAIL
KIT LPG 5-6-8C.OMEGAS 3.0	5-6-8	180 / 200	LI10M	OMEGAS 3.0 OBD	GIRS12 (NOT INCLUDED)
MINIKIT LPG 5-6-8C.OMEGAS 3.0	5-6-8	180 / 200	LI10M	OMEGAS 3.0 OBD	GIRS12 (NOT INCLUDED)