

A large, abstract graphic dominates the center of the page. It is a collage of various images, including a winding road through a mountainous landscape, a modern city skyline with skyscrapers, and a bridge. These images are overlaid with a complex pattern of translucent, geometric shapes in shades of blue, teal, and lime green, creating a sense of depth and movement. The entire composition is set against a dark blue background with a faint circular pattern.

FOLLOW OUR ROAD

GENERAL CATALOGUE



**"WE BELIEVE IN THE FUTURE
OF MOBILITY, SO WE DECIDED
TO CREATE STABILITY AND SAFETY,
INSPIRED BY FREEDOM AND LIGHTNESS"**

OTTORINO LOVATO





VISION

**LIVE IN A PLANET WHERE EACH
ENGINE IS SUSTAINABLE.**

WE BELIEVE IN



NATURE

We believe that the true innovation, in the field of mobility, is in the free and harmonic dialogue with nature.



POWER

We produce our systems as a perfect summary between best performances and safe journeys.



ECONOMY

We guarantee daily, real and tangible savings to everyone who chooses our systems.





RESEARCH & DEVELOPMENT

THE FUTURE MUST BE THOUGHT, DESIGNED, BUILT. AND OF COURSE, TESTED.

It is not possible for a single person to design the future on his own. The future is always teamwork, a tireless work carried out by men with great passion. That is why our high-level experienced technicians, engineers, designers and testers work side by side in Lovato Gas. Our teams work to design and produce systems and components, as well as constantly improve performance whilst respecting the environment.

Advanced system engineering, dynamic simulators and CAM numeric control systems, directly connected to CAD

design terminals, create prototypes in real time. Our final products are improved taking into consideration those prototype results. Accelerated endurance tests are conducted using engine test benches.

The Research and Development Department works with our Technical Assistance in order to answer quickly and widely to meet various problems that the market arises.

OUR POWER IS



DESIGN



PRODUCE



TEST





WORLDWIDE

MORE THAN 50 COUNTRIES IN THE WORLD SHARE OUR IDEA OF SUSTAINABLE MOBILITY EVERY DAY.

INDEX STATES

- Afghanistan
- Albania
- Algeria
- Argentina
- Armenia
- Australia
- Bangladesh
- Belarus
- Belgium
- Bolivia
- Bosnia-Herzegovina
- Brazil
- Bulgaria
- China
- Colombia
- Croatia
- Cyprus
- Czech Republic
- Dominican Republic
- Ecuador
- El Salvador
- Estonia
- France
- Georgia
- Germany
- Greece
- Haiti
- Honduras
- Hungary
- **India - Branch**
- Indonesia
- Iran
- Israel
- **Italy - HQ**
- Japan
- Kazakhstan
- Kosovo
- Kyrgyzstan
- Latvia
- Lithuania
- Malaysia
- Mexico
- Moldova
- Montenegro
- Nepal
- Netherlands
- New Zealand
- Pakistan
- Peru
- Philippines
- Poland
- Portugal
- Romania
- Russia
- Serbia
- Slovakia
- Slovenia
- South Korea
- Spain
- Sri Lanka
- Taiwan
- Thailand
- Tunisia
- Turkey
- Ukraine
- United Kingdom
- USA
- Uzbekistan





SYSTEM INSTALLATION

LPG SEQUENTIAL INJECTION SYSTEMS	10
LPG SEQUENTIAL INJECTION SYSTEMS FOR DIRECT INJECTION ENGINES	13
PIPE PACKAGES FOR LPG SEQUENTIAL SYSTEMS	15
LPG INJECTION SYSTEMS FOR DIESEL ENGINES	17
LPG TRADITIONAL SYSTEMS	18
MULTIVALVES MODEL LOV00	22
MULTIVALVES MODEL 305 III (ECE 67-R01)	23
LPG FILLING VALVES	25
LPG INSTALLATION ACCESSORIES	26
CNG SEQUENTIAL INJECTION SYSTEMS	28
CNG SEQUENTIAL INJECTION SYSTEMS FOR DIRECT INJECTION ENGINES	31
PIPE PACKAGES FOR CNG SEQUENTIAL SYSTEMS	33
CNG INJECTION SYSTEMS FOR DIESEL ENGINES	35
CNG TRADITIONAL SYSTEMS	36
CNG VALVES	38
CNG INSTALLATION ACCESSORIES	39
ACCESSORIES FOR LPG AND CNG SYSTEMS	40

MAINTENANCE, SPARE PARTS, AFTER SALES

MAINTENANCE PARTS FOR LPG AND CNG SYSTEMS	44
SPARE PARTS FOR LPG AND CNG SYSTEMS	47
SYSTEM CONFIGURATION TOOLS	55
HOSES AND PIPES	56
PROMOTIONAL ITEMS	58
SALE/WARRANTY CONDITIONS	64



SYSTEM INSTALLATION



LPG SYSTEM

CNG SYSTEM

ACCESSORIES



LPG SEQUENTIAL INJECTION SYSTEMS

LPG MINIKIT 4-CYLINDER E-GO EP

INCLUDING THE FOLLOWING COMPONENTS:

- 4-cylinder E-GO ECU with wiring harness
- RGJ-3.2L reducer
- EP injector rail
- PTM sensor
- Disposable in line filter
- NTC sensor
- Installation accessories



604701311



CODE

604701311

LPG minikit 4-cylinder E-GO EP

QUANTITY

6 PC

LPG MINIKIT 4-CYLINDER SMART ExR EP PTM

INCLUDING THE FOLLOWING COMPONENTS:

- 4-cylinder Smart ExR ECU with wiring harness
- RGJ-3.2L reducer
- EP injector rail
- PTM sensor
- Filter without sensors
- NTC sensor
- Installation accessories

smart
ExR

604701312



LPG SYSTEM

CODE

QUANTITY

604701312

LPG minikit 4-cylinder Smart ExR EP PTM

6 PC

LPG MINIKIT 4-CYLINDER SMART ExR KP FSU

INCLUDING THE FOLLOWING COMPONENTS:

- 4-cylinder Smart ExR ECU with wiring harness
- RGJ-3.2L reducer
- KP injector rail
- FSU filter with temperature, pressure and map sensors
- NTC sensor
- Installation accessories

smart
ExR

604701313



CODE

QUANTITY

604701313

LPG minikit 4-cylinder Smart ExR KP FSU

6 PC



LPG MINIKIT 4-CYLINDER EASY FAST C-OBDDII KP

INCLUDING THE FOLLOWING COMPONENTS:

- 4-cylinder Easy Fast C-OBDDII ECU with wiring harness
- RGJ-3.2L reducer
- KP injector rail
- FSU filter with temperature, pressure and map sensors
- NTC sensor
- Installation accessories



604701300



CODE

604701300

LPG minikit 4-cylinder Easy Fast C-OBDDII KP

QUANTITY

6 PC

604701301

LPG minikit 4-cylinder Easy Fast C-OBDDII KP DD
Differs for the following component: RGJ-3.2L DD reducer

6 PC

LPG MINIKIT 5/6-CYLINDER EASY FAST C-OBDDII KP UHP

INCLUDING THE FOLLOWING COMPONENTS:

- 5/6-cylinder Easy Fast C-OBDDII ECU with wiring harness
- RGJ UHP reducer
- KP injector rail
- FSU filter with temperature, pressure and map sensors
- NTC sensor
- Installation accessories



604701303



CODE

604701302

LPG minikit 5/6-cylinder Easy Fast C-OBDDII KP UHP

QUANTITY

1 PC

604701303

LPG minikit 8-cylinder Easy Fast C-OBDDII KP UHP
Differs for the following component: 8-cylinder Easy Fast C-OBDDII ECU with wiring harness

1 PC



LPG SEQUENTIAL INJECTION SYSTEMS FOR D.I. ENGINES

LPG MINIKIT 4-CYLINDER EASY FAST D.I. KP

INCLUDING THE FOLLOWING COMPONENTS:

- 4-cylinder Easy Fast D.I. ECU with wiring harness
- RGJ-3.2L reducer
- KP injector rail
- FSU filter with temperature, pressure and map sensors
- NTC sensor
- Installation accessories



604701308

LPG SYSTEM

CODE		QUANTITY
604701308	LPG minikit 4-cylinder Easy Fast D.I. KP	6 PC
604701309	LPG minikit 4-cylinder Easy Fast D.I. KP DD <i>Differs for the following component: RGJ-3.2L DD reducer</i>	6 PC
604701310	LPG minikit 4-cylinder Easy Fast D.I. KP UHP <i>Differs for the following component: RGJ UHP reducer</i>	1 PC



LPG MINIKIT 4-CYLINDER EASY FAST D.I. ExR DP DD

INCLUDING THE FOLLOWING COMPONENTS:

- 4-cylinder Easy Fast ExR D.I. ECU with wiring harness
- RGJ-3.2L DD reducer
- DP injector rail
- FSU filter with temperature, pressure and map sensors
- NTC sensor
- Installation accessories



604701304



CODE		QUANTITY
604701304	LPG minikit 4-cylinder Easy Fast D.I. ExR DP DD	6 PC
604701305	LPG minikit 4-cylinder Easy Fast D.I. ExR DP UHP <i>Differs for the following component: RGJ UHP reducer</i>	1 PC

LPG MINIKIT 5/6-CYLINDER EASY FAST D.I. ExR DP UHP

INCLUDING THE FOLLOWING COMPONENTS:

- 5/6/8-cylinder Easy Fast D.I. ExR ECU with wiring harness
- RGJ UHP reducer
- DP injector rail
- FSU filter with temperature, pressure and map sensors
- Installation accessories



604701306



CODE		QUANTITY
604701306	LPG minikit 5/6-cylinder Easy Fast D.I. ExR DP UHP	1 PC
604701307	LPG minikit 8-cylinder Easy Fast D.I. ExR DP UHP	1 PC

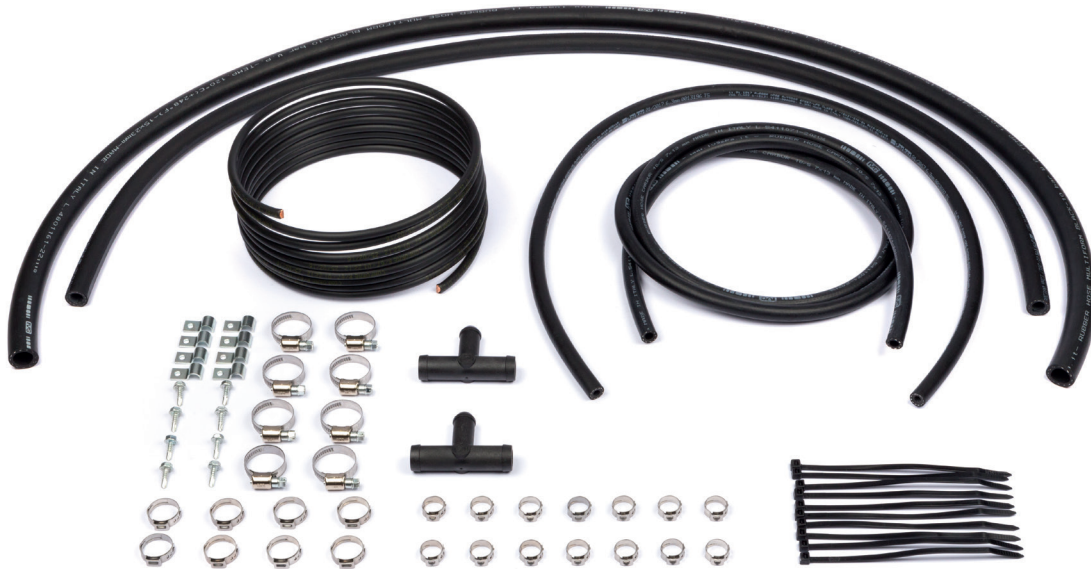
PIPE PACKAGES FOR LPG SEQUENTIAL SYSTEMS

LPG 4-CYLINDER PIPE PACKAGE - COPPER D. 6 MM

INCLUDING THE FOLLOWING COMPONENTS:

- Petrol rubber pipe
- Water rubber pipe
- Gas rubber pipe
- Copper pipe diameter 6 mm
- Installation accessories

609000005



CODE

QUANTITY

609000005

LPG 4-cylinder pipe package - Copper D. 6 mm

6 PC

LPG 6/8-CYLINDER PIPE PACKAGE - COPPER D. 8 MM

INCLUDING THE FOLLOWING COMPONENTS:

- Petrol rubber pipe
- Water rubber pipe
- Gas rubber pipe
- Copper pipe diameter 8 mm
- Installation accessories

609000007



CODE

QUANTITY

609000007

LPG 6/8-cylinder pipe package - Copper D. 8 mm

6 PC



LPG 4-CYLINDER PIPE PACKAGE - THERMOPLASTIC D. 6 MM

INCLUDING THE FOLLOWING COMPONENTS:

- Petrol rubber pipe
- Water rubber pipe
- Gas rubber pipe
- Thermoplastic pipe diameter 6 mm
- Installation accessories

90900000609



CODE

609000006

LPG 4-cylinder pipe package - Thermoplastic D. 6 mm

QUANTITY

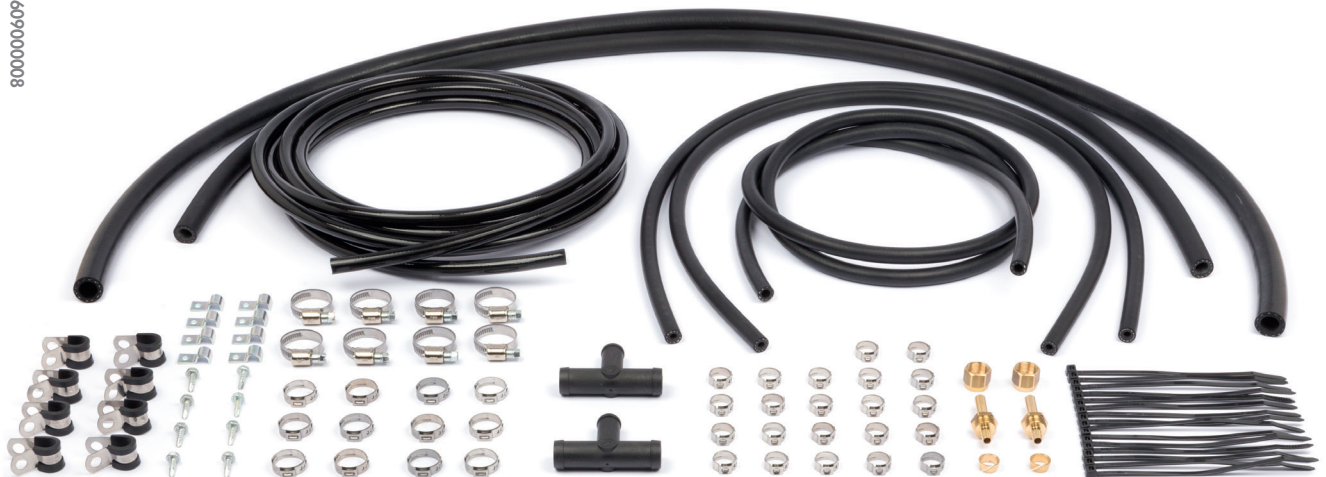
6 PC

LPG 6/8-CYLINDER PIPE PACKAGE - THERMOPLASTIC D. 8 MM

INCLUDING THE FOLLOWING COMPONENTS:

- Petrol rubber pipe
- Water rubber pipe
- Gas rubber pipe
- Thermoplastic pipe diameter 8 mm
- Installation accessories

80900000609



CODE

609000008

LPG 6/8-cylinder pipe package - Thermoplastic D. 8 mm

QUANTITY

1 PC

LPG INJECTION SYSTEMS FOR DIESEL ENGINES

LPG KIT DUAL FAST

INCLUDING THE FOLLOWING COMPONENTS:

- Dual Fast ECU with wiring harness
- RGJ-3.2L reducer
- KP injector rail
- Pressure and temperature sensors with connections
- Filter without sensor
- NTC sensor
- Installation accessories
- Hoses and pipes



604710651



CODE

QUANTITY

604710651

LPG kit Dual Fast

1 PC

DUAL FAST ACCESSORIES

CODE

QUANTITY

203954000

LSU calibration kit (Linear Probe)

1 PC



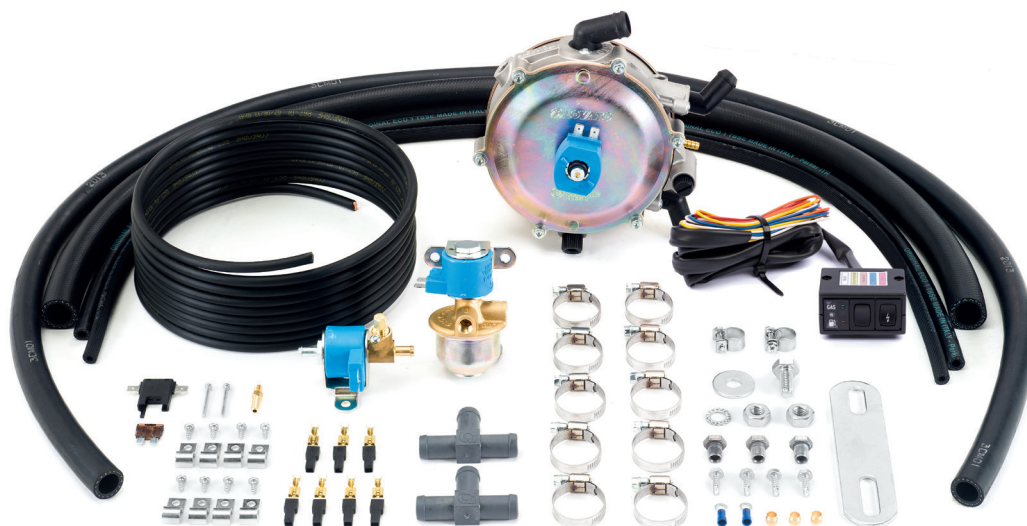
LPG TRADITIONAL SYSTEMS

LPG CARBURETOR KIT CL1.1

INCLUDING THE FOLLOWING COMPONENTS:

- CL1.1 switch with reserve indicator
- RGV090 reducer
- EVG2 LPG solenoid lock-off valve
- EVB petrol solenoid lock-off valve
- Installation accessories
- Hoses and pipes

0292001



CODE

QUANTITY

0292001	LPG carburetor kit CL1.1 RGV090 (Power 20 - 90 kW)	6 PC
0292004	LPG carburetor kit CL1.1 RGV140 (Power 90 - 140 kW) <i>Differs for the following component:</i> RGV140 reducer	6 PC

LPG CARBURETOR KIT M200-DC

INCLUDING THE FOLLOWING COMPONENTS:

- M200-DC switch with level indicator
- RGE090 reducer
- EVG2 LPG solenoid lock-off valve
- EVB petrol solenoid lock-off valve
- Installation accessories
- Hoses and pipes

604710221



CODE

QUANTITY

604710221	LPG carburetor kit M200-DC RGE090 (Power 20 - 90 kW)	6 PC
604710222	LPG carburetor kit M200-DC RGE140 (Power 90 - 140 kW) <i>Differs for the following component:</i> RGE140 reducer	6 PC

LPG INJECTION KIT M200-DI

INCLUDING THE FOLLOWING COMPONENTS:

- M200-DI switch with level indicator
- RGE090 reducer
- EVG2 LPG solenoid lock-off valve
- Installation accessories
- Hoses and pipes

CODE		QUANTITY
604710223	LPG injection kit M200-DI RGE090 (Power 20 - 90 kW)	6 PC
604710224	LPG injection kit M200-DI RGE140 (Power 90 - 140 kW) <i>Differs for the following component: RGE140 reducer</i>	6 PC

LPG INJECTION KIT LOVECO 4-EU PLUS II

INCLUDING THE FOLLOWING COMPONENTS:

- Loveco 4-EU PLUS II ECU with switch
- RGE090 reducer
- EVG2 LPG solenoid lock-off valve
- Installation accessories
- Hoses and pipes

604710225



CODE		QUANTITY
604710225	LPG injection kit Loveco 4-EU PLUS II RGE090 (Power 20 - 90 kW)	1 PC
604710226	LPG injection kit Loveco 4-EU PLUS II RGE140 (Power 90 - 140 kW) <i>Differs for the following component: RGE140 reducer</i>	1 PC



LPG CARBURETOR MINIKIT CL1.1

INCLUDING THE FOLLOWING COMPONENTS:

- CL1.1 switch with reserve indicator
- RGV090 reducer
- EVG2 LPG solenoid lock-off valve
- EVB petrol solenoid lock-off valve
- Installation accessories

0337001



CODE		QUANTITY
0337001	LPG carburetor minikit CL1.1 RGV090 (Power 20 - 90 kW)	12 PC
0337003	LPG carburetor minikit CL1.1 RGV140 (Power 90 - 140 kW) <i>Differs for the following component:</i> RGV140 reducer	12 PC

LPG CARBURETOR MINIKIT M200-DC

INCLUDING THE FOLLOWING COMPONENTS:

- M200-DC switch with level indicator
- RGE090 reducer
- EVG2 LPG solenoid lock-off valve
- EVB petrol solenoid lock-off valve
- Installation accessories

604000021



CODE		QUANTITY
604000021	LPG carburetor minikit M200-DC RGE090 (Power 20 - 90 kW)	12 PC
604000048	LPG carburetor minikit M200-DC RGE140 (Power 90 - 140 kW) <i>Differs for the following component:</i> RGE140 reducer	12 PC

LPG INJECTION MINIKIT M200-DI

INCLUDING THE FOLLOWING COMPONENTS:

- M200-DI switch with level indicator
- RGE090 reducer
- EVG2 LPG solenoid lock-off valve
- Installation accessories

CODE		QUANTITY
604000023	LPG injection minikit M200-DI RGE090 (Power 20 - 90 kW)	12 PC
604000049	LPG injection minikit M200-DI RGE140 (Power 90 - 140 kW) <i>Differs for the following component: RGE140 reducer</i>	12 PC

LPG INJECTION MINIKIT LOVECO 4-EU PLUS II

INCLUDING THE FOLLOWING COMPONENTS:

- Loveco 4-EU PLUS II ECU with switch
- RGE090 reducer
- EVG2 LPG solenoid lock-off valve
- Installation accessories

604000022



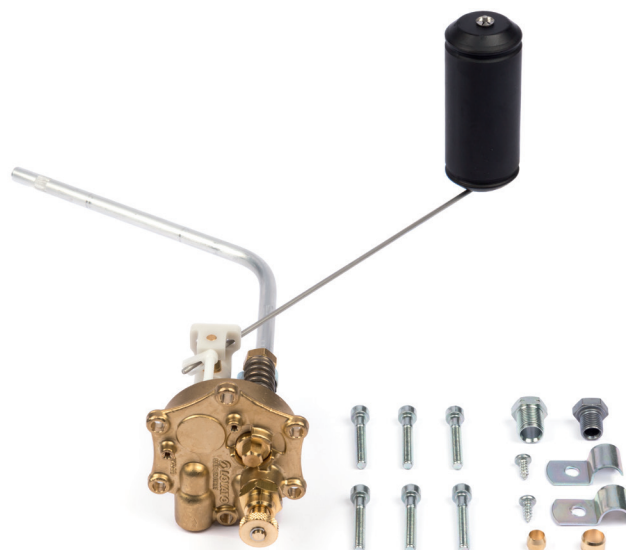
CODE		QUANTITY
604000022	LPG injection minikit Loveco 4-EU PLUS II RGE090 (Power 20 - 90 kW)	6 PC
604000047	LPG injection minikit Loveco 4-EU PLUS II RGE140 (Power 90 - 140 kW) <i>Differs for the following component: RGE140 reducer</i>	6 PC



MULTIVALVES MODEL LOV00

FOR CYLINDRICAL TANK

660000310



CODE

660000310 Multivalve LOV00 - D. 300/315 - 30°

660000311 Multivalve LOV00 - D. 360 - 30°

660000312 Multivalve LOV00 - D. 400 - 30° *

QUANTITY

6 PC

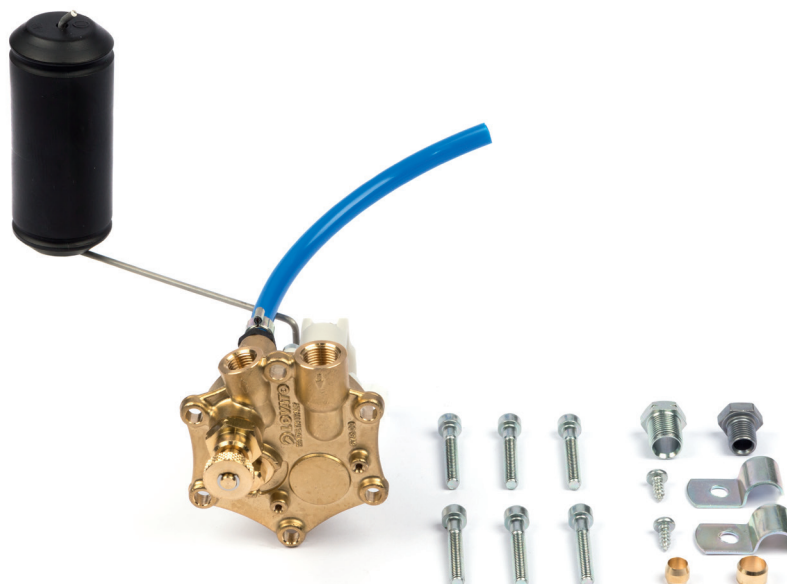
6 PC

6 PC

**Available from September*

FOR INTERNAL TOROIDAL TANK

660000320



CODE

660000320 Multivalve LOV00 - H. 200/204 - 30°

660000321 Multivalve LOV00 - H. 220/225 - 30°

660000322 Multivalve LOV00 - H. 240/250 - 30°

660000323 Multivalve LOV00 - H. 270 - 30°

QUANTITY

6 PC

6 PC

6 PC

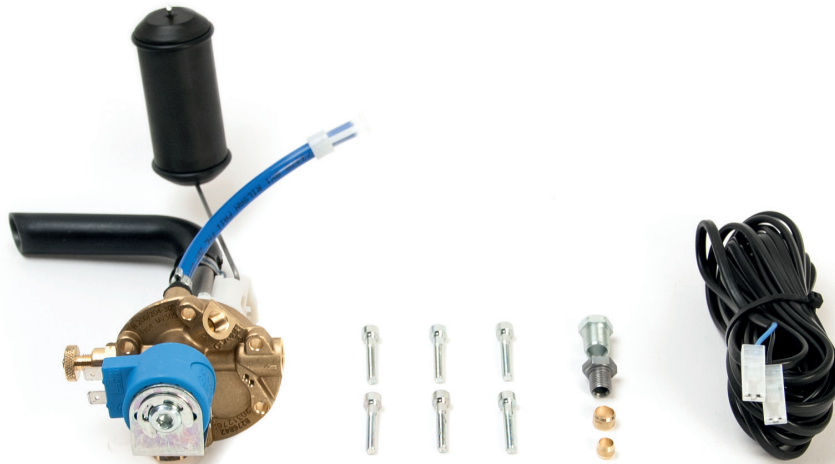
6 PC



MULTIVALVES MODEL 305 III (ECE 67-R01)

FOR INTERNAL TOROIDAL TANK

660000122



CODE		QUANTITY
660000121	Multivalve 305 III - H. 180/190 - 30°	8 PC
660000122	Multivalve 305 III - H. 200/204 - 30°	8 PC
660000123	Multivalve 305 III - H. 220/225 - 30°	8 PC
660000124	Multivalve 305 III - H. 230/240 - 30°	6 PC
660000125	Multivalve 305 III - H. 250 - 30°	6 PC
660000126	Multivalve 305 III - H. 270 - 30°	6 PC

FOR EXTERNAL TOROIDAL TANK

660000102

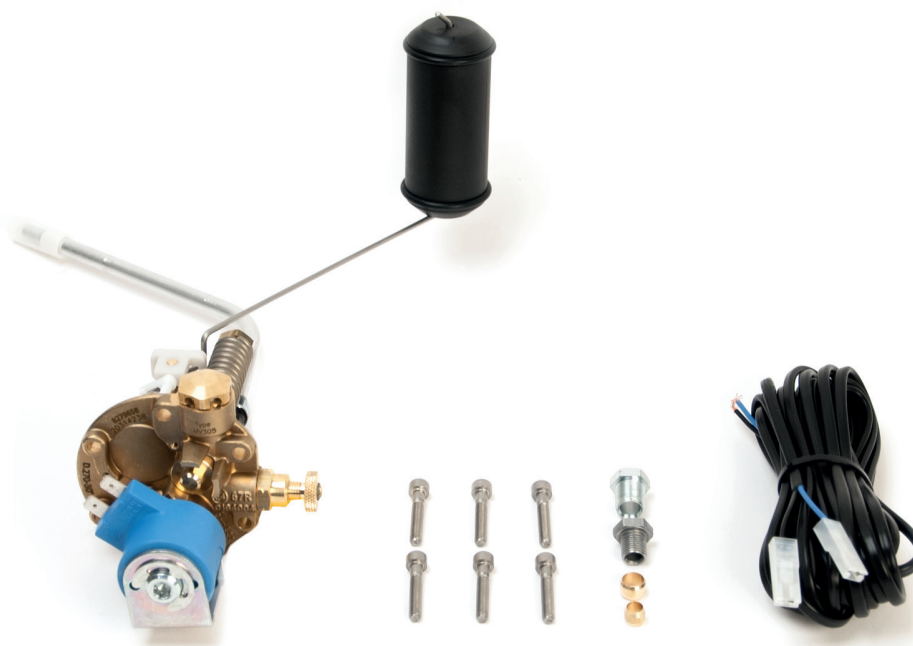


CODE		QUANTITY
660000101	Multivalve 305 III - H. 180/190 - 0°	4 PC
660000102	Multivalve 305 III - H. 200/204 - 0°	4 PC
660000103	Multivalve 305 III - H. 220/225/230 - 0°	4 PC
660000106	Multivalve 305 III - H. 240 - 0°	4 PC
660000104	Multivalve 305 III - H. 250 - 0°	4 PC
660000105	Multivalve 305 III - H. 270 - 0°	4 PC



FOR CYLINDRICAL TANK

660000023



CODE		QUANTITY
660000021	Multivalve 305 III - D. 200 - 30°	8 PC
660000022	Multivalve 305 III - D. 244 - 30°	8 PC
660000023	Multivalve 305 III - D. 270 - 30°	4 PC
660000024	Multivalve 305 III - D. 300 - 30°	6 PC
660000025	Multivalve 305 III - D. 315 - 30°	6 PC
660000026	Multivalve 305 III - D. 360 - 30°	6 PC




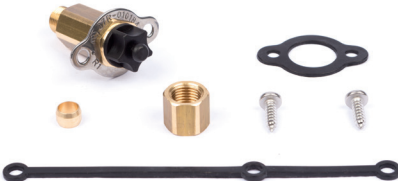
CODE		QUANTITY
660000001	Multivalve 305 III - D. 200 - 0°	8 PC
660000002	Multivalve 305 III - D. 244 - 0°	8 PC
660000003	Multivalve 305 III - D. 270 - 0°	4 PC
660000004	Multivalve 305 III - D. 300 - 0°	4 PC
660000005	Multivalve 305 III - D. 315 - 0°	4 PC
660000006	Multivalve 305 III - D. 360 - 0°	1 PC

CODE		QUANTITY
660000041	Multivalve 305 III - D. 200 - 90° *	6 PC
660000042	Multivalve 305 III - D. 244 - 90° *	6 PC
660000043	Multivalve 305 III - D. 270 - 90° *	6 PC
660000044	Multivalve 305 III - D. 300 - 90° *	6 PC
660000045	Multivalve 305 III - D. 315 - 90° *	6 PC
660000046	Multivalve 305 III - D. 360 - 90° *	6 PC

*Available from September

LPG FILLING VALVES

STEEL LPG FILLING VALVES - SMALL CONNECTION

CODE		QUANTITY
613000081	Steel external type filling valve (Italian standard)	1 PC
		
613000083	Steel in-bumper filling valve	1 PC
		
613000087	Steel filling valve for petrol filling compartment	1 PC
		
613000085	Steel filling valve for petrol filling compartment (without adapter)	1 PC
		

ADAPTERS FOR STEEL LPG FILLING VALVES - SMALL CONNECTION

CODE		QUANTITY
226000009	Short steel removable adapter	1 PC
226000011	Long steel removable adapter	1 PC
226000013	Long ACME adapter (Germany)	1 PC



ADAPTERS FOR BRASS LPG FILLING VALVES - LARGE CONNECTION

CODE		QUANTITY
4550007	Short brass removable adapter	1 PC
226014000	Long brass removable adapter	1 PC
226004000	Euro brass adapter (Spain)	1 PC



1550006	ACME brass adapter (Germany)	1 PC
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1550007	Bayonet brass adapter (Uk)	1 PC
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LPG INSTALLATION ACCESSORIES

REDUCER ACCESSORIES

CODE		QUANTITY
1630001	Heat exchanger HGJ (+30% of power)	1 PC
236710100	UHP inlet fitting with O-Ring M14x1 - D. 6 mm	10 PC

LPG LEVEL INDICATORS

CODE		QUANTITY
526025	Electronic level sensor standard Lovato with wiring harness	1 PC
463506000	Electronic level sensor standard 1050 with wiring harness	1 PC
526027	Electronic level sensor standard 0-90 ohm with wiring harness	1 PC
616506000	Electronic level sensor standard linear indication with wiring harness	1 PC

VAPOUR BOXES

CODE		QUANTITY
801126	Vapour box for multivalve model 305	1 PC



CODE		QUANTITY
621000001	Vapour box for multivalve model 305 III	1 PC
621000005	Vapour box for multivalve Model 305 III-90° *	1 PC
801125	Vapour box for multivalve model 318, 318 II & 318 III	1 PC
621000003	Vapour box for multivalve model LOV00	1 PC

*Available from September

ACCESSORIES

CODE		QUANTITY
201003	Plastic ventilation cage D. 30 mm	50 PC
306007	Anti narrowing spring for water hose D. 16 mm	10 PC
306011	Water pipe fitting reduction from 16 to 9 mm	10 PC
306015	Water pipe fitting reduction from 16 to 11 mm	10 PC
1590004	5 piece pack of adjustable fittings M10x1 - D. 6 mm	1 PC
1590005	5 piece pack of adjustable fittings M10x1 - D. 8 mm	1 PC
668125000	5 piece pack of adjustable fittings M12x1 - D. 8 mm	1 PC
1590006	5 piece pack of adjustable fittings M14x1 - D. 8 mm	1 PC
620000098	5 piece pack of adjustable fittings - multivalve outlet - M10x1 - D. 8 mm	1 PC
620000105	Adjustable fitting M12x1 - 1/4" gas - male/female multivalve outlet D. 6 mm	1 PC



CNG SEQUENTIAL INJECTION SYSTEMS

CNG MINIKIT 4-CYLINDER E-GO EP C

INCLUDING THE FOLLOWING COMPONENTS:

- 4-cylinder E-GO ECU with wiring harness
- RMJ C reducer
- EP injector rail
- PTM sensor
- Disposable in line filter
- NTC sensor
- Installation accessories



604800957



CODE

604800957

CNG minikit 4-cylinder E-GO EP C

QUANTITY

6 PC

CNG MINIKIT 4-CYLINDER SMART ExR EP C

INCLUDING THE FOLLOWING COMPONENTS:

- 4-cylinder Smart ExR ECU with wiring harness
- RMJ C reducer
- EP injector rail
- PTM sensor
- Disposable in line filter
- NTC sensor
- Installation accessories

smart
ExR

604800958



CODE

604800958

CNG minikit 4-cylinder Smart ExR EP C

QUANTITY

6 PC

LPG MINIKIT 4-CYLINDER SMART ExR KP

INCLUDING THE FOLLOWING COMPONENTS:

- 4-cylinder Smart ExR ECU with wiring harness
- RMJ-3.2S reducer
- KP injector rail
- PTM sensors
- Filter without sensors
- NTC sensor
- Installation accessories

smart
ExR

604800959



CODE

604800959

CNG minikit 4-cylinder Smart ExR KP

QUANTITY

6 PC



CNG MINIKIT 4-CYLINDER EASY FAST C-OBDDII KP

INCLUDING THE FOLLOWING COMPONENTS:

- 4-cylinder Easy Fast C-OBDDII ECU with wiring harness
- RMJ-3.2S reducer
- KP injector rail
- Filter with temperature, pressure and map sensors
- NTC sensor
- Installation accessories



604800950



CODE

604800950

CNG minikit 4-cylinder Easy Fast C-OBDDII KP

QUANTITY

6 PC

LPG MINIKIT 5/6-CYLINDER EASY FAST C-OBDDII KP HP

INCLUDING THE FOLLOWING COMPONENTS:

- 5/6-cylinder Easy Fast C-OBDDII ECU with wiring harness
- RMJ-3.2S HP reducer
- KP injector rail
- Filter with temperature, pressure and map sensors
- NTC sensor
- Installation accessories



604800952



CODE

604800951

CNG minikit 5/6-cylinder Easy Fast C-OBDDII KP HP

QUANTITY

1 PC

604800952

CNG minikit 8-cylinder Easy Fast C-OBDDII KP HP

Differs for the following component: 8-cylinder Easy Fast C-OBDDII ECU with wiring harness

1 PC



CNG SEQUENTIAL INJECTION SYSTEMS FOR D.I. ENGINES

LPG MINIKIT 4-CYLINDER EASY FAST D.I. KP

INCLUDING THE FOLLOWING COMPONENTS:

- 4-cylinder Easy Fast D.I. ECU with wiring harness
- RMJ-3.2S reducer
- KP injector rail
- Filter with temperature, pressure and map sensors
- NTC sensor
- Installation accessories



604800956

CNG SYSTEM

CODE

604800956

CNG minikit 4-cylinder Easy Fast D.I. KP

QUANTITY

6 PC



LPG MINIKIT 4-CYLINDER EASY FAST D.I. ExR DP

INCLUDING THE FOLLOWING COMPONENTS:

- 4-cylinder Easy Fast ExR D.I. ECU with wiring harness
- RMJ-3.2S reducer
- DP injector rail
- Filter with temperature, pressure and map sensors
- NTC sensor
- Installation accessories



604800953



CODE

604800953

CNG minikit 4-cylinder Easy Fast D.I. ExR DP

QUANTITY

6 PC

CNG MINIKIT 5/6-CYLINDER EASY FAST D.I. ExR DP HP

INCLUDING THE FOLLOWING COMPONENTS:

- 5/6/8-cylinder Easy Fast D.I. ExR ECU with wiring harness
- RMJ-3.2S HP reducer
- DP injector rail
- Filter with temperature, pressure and map sensors
- NTC sensor
- Installation accessories



604800954



CODE

604800954

CNG minikit 5/6-cylinder Easy Fast D.I. ExR DP HP

QUANTITY

1 PC

604800955

CNG minikit 8-cylinder Easy Fast D.I. ExR DP HP

1 PC

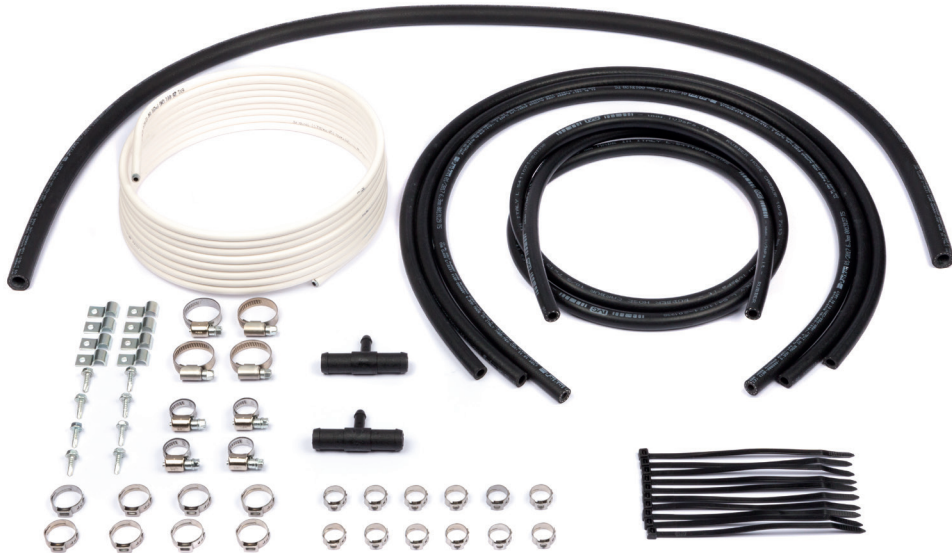
PIPE PACKAGES FOR CNG SEQUENTIAL SYSTEMS

CNG 4-CYLINDER PIPE PACKAGE - STEEL D. 6 MM

INCLUDING THE FOLLOWING COMPONENTS:

- Petrol rubber pipe
- Water rubber pipe
- Gas rubber pipe
- Steel pipe diameter 6 mm
- Installation accessories

609000001



CODE

QUANTITY

609000001

CNG 4-cylinder pipe package - Steel D. 6 mm

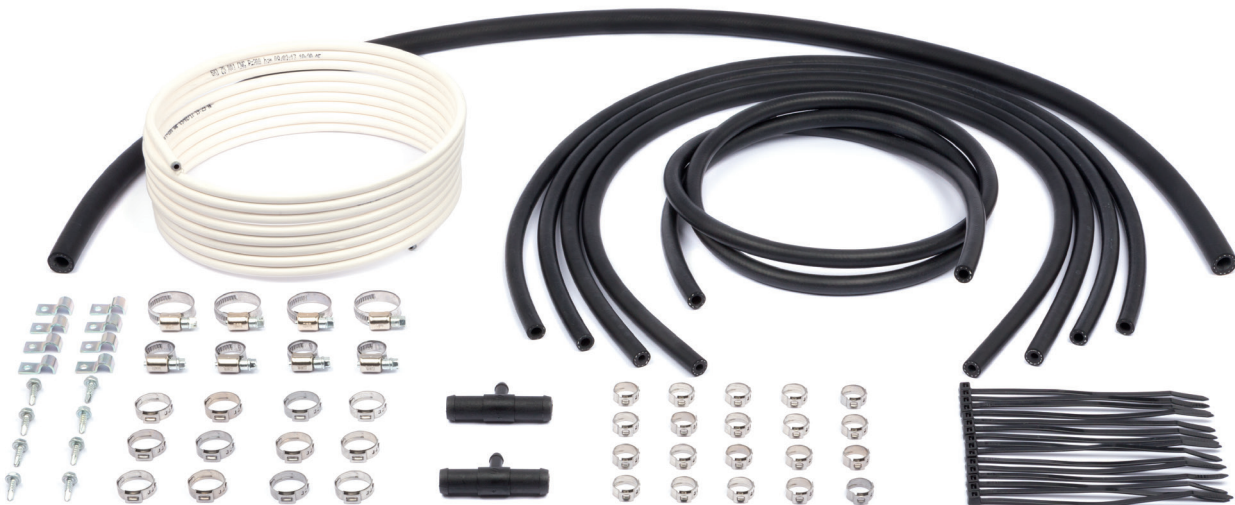
6 PC

CNG 6/8-CYLINDER PIPE PACKAGE - STEEL D. 6 MM

INCLUDING THE FOLLOWING COMPONENTS:

- Petrol rubber pipe
- Water rubber pipe
- Gas rubber pipe
- Steel pipe diameter 6 mm
- Installation accessories

609000003



CODE

QUANTITY

609000003

CNG 6/8-cylinder pipe package - Steel D. 6 mm

6 PC



CNG 4-CYLINDER PIPE PACKAGE - COPPER D. 6 MM

INCLUDING THE FOLLOWING COMPONENTS:

- Petrol rubber pipe
- Water rubber pipe
- Gas rubber pipe
- Copper pipe diameter 6 mm
- Installation accessories

609000002



CODE

609000002

CNG 4-cylinder pipe package - Copper D. 6 mm

QUANTITY

6 PC

CNG 6/8-CYLINDER PIPE PACKAGE - COPPER D. 6 MM

INCLUDING THE FOLLOWING COMPONENTS:

- Petrol rubber pipe
- Water rubber pipe
- Gas rubber pipe
- Copper pipe diameter 6 mm
- Installation accessories

609000004



CODE

609000004

CNG 6/8-cylinder pipe package - Copper D. 6 mm

QUANTITY

6 PC



CNG INJECTION SYSTEMS FOR DIESEL ENGINES

CNG KIT DUAL FAST

INCLUDING THE FOLLOWING COMPONENTS:

- Dual Fast ECU with wiring harness
- RMJ-3.2S reducer
- KP injector rail
- Pressure and temperature sensors with connections
- Filter without sensor
- NTC sensor
- Installation accessories
- Hoses and pipes



604800861



CNG SYSTEM

CODE	QUANTITY
604800861	CNG kit Dual Fast
	1 PC

DUAL FAST ACCESSORIES

CODE	QUANTITY
203954000	LSU calibration kit (Linear Probe)
	1 PC



CNG TRADITIONAL SYSTEMS

CNG CARBURETOR KIT M200-DC

INCLUDING THE FOLLOWING COMPONENTS:

- M200-DC switch with level indicator
- RME090 reducer
- EVB Petrol solenoid lock-off valve
- AMP superseal connector
- Installation accessories
- Hoses and pipes

0290006



CODE		QUANTITY
0290006	CNG carburetor kit M200-DC RME090 (Power 20 - 90 kW)	6 PC
0290007	CNG carburetor kit M200-DC RME140 (Power 90 - 140 kW) <i>Differs for the following component: RME140 reducer</i>	6 PC

CNG INJECTION KIT M200-DI

INCLUDING THE FOLLOWING COMPONENTS:

- M200-DI switch with level indicator
- RME090 reducer
- AMP superseal connector
- Installation accessories
- Hoses and pipes

CODE		QUANTITY
0291034	CNG injection kit M200-DI RME090 (Power 20 - 90 kW)	6 PC
0291037	CNG injection kit M200-DI RME140 (Power 90 - 140 kW) <i>Differs for the following component: RME140 reducer</i>	6 PC

CNG INJECTION KIT LOVECO 4-EU PLUS II

INCLUDING THE FOLLOWING COMPONENTS:

- Loveco 4-EU PLUS II ECU with switch
- RME090 reducer
- AMP superseal connector
- Installation accessories
- Hoses and pipes

604800222



CODE		QUANTITY
604800222	CNG injection kit Loveco 4-EU PLUS II RME090 (Power 20 - 90 kW)	1 PC
604800223	CNG injection kit Loveco 4-EU PLUS II RME140 (Power 90 - 140 kW) <i>Differs for the following component: RME140 reducer</i>	1 PC

CNG CARBURETOR MINIKIT M200-DC

INCLUDING THE FOLLOWING COMPONENTS:

- M200-DC switch with level indicator
- AMP superseal connector
- RME090 reducer
- EVB Petrol solenoid lock-off valve
- Installation accessories

0335004



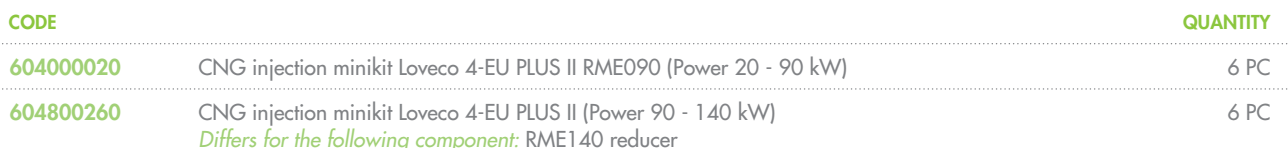
CODE		QUANTITY
0335004	CNG carburetor minikit M200-DC RME090 (Power 20 - 90 kW)	12 PC
0335005	CNG carburetor minikit M200-DC RME140 (Power 90 - 140 kW) <i>Differs for the following component: RME140 reducer</i>	12 PC



- M200-DI switch with level indicator
- RME090 reducer
- AMP superseal connector
- Installation accessories

CNG INJECTION MINIKIT LOVECO 4-EU PLUS II

- Loveco 4-EU PLUS II ECU with switch
- RME090 reducer
- AMP superseal connector
- Installation accessories



CNG VALVES

CNG CYLINDER VALVES





CODE		QUANTITY
688087001	Automatic cylinder valve LOV C W28,8 M12x1 (internal)	1 PC
688083001	Automatic cylinder valve LOV M W28,8 M12x1 (internal)	1 PC
688000009	Automatic cylinder valve LOV O W28,8 M12x1 (external)	1 PC
688042001	Automatic cylinder valve VBE 474 W28,8 M12x1 (internal)	1 PC
4080053	Cylinder valve wiring harness (cod. 688087001 and 688083001)	1 PC
612485000	Cylinder valve wiring harness (cod. 688042001)	1 PC



CNG FILLING VALVES

CODE		QUANTITY
688086001	Filling valve - Italian/NGV1-P30 standard M12x1	1 PC
688911001	Filling valve with Pico - Ukraine, Russia M12x1	1 PC
688913000	3 way manual filling valve NGV1-P30 M12x1	1 PC
1860011	Filling valve for petrol filling compartment NGV1-P30 M12x1	1 PC
1860012	Filling valve with Pico and microswitch - New Zealand, Bangladesh M12x1	1 PC

CNG INSTALLATION ACCESSORIES

CNG LEVEL INDICATORS

CODE		QUANTITY
1670006	Pressure gauge with electronic gas level indicator standard 806	1 PC
652910000	Pressure gauge with linear electronic gas level indicator	1 PC
4590004	T-fitting for pressure gauge	1 PC
236317100	T-connection for high pressure pipes M12x1 - D. 6 mm	1 PC



ACCESSORIES

CODE		QUANTITY
604185000	Tank fixing kit: 2 belts and M10 accessories	1 PC
620800137	Tank fixing kit: 3 belts and M10 accessories	1 PC



ACCESSORIES FOR LPG AND CNG SYSTEMS

RAIL ACCESSORIES

CODE		QUANTITY
235101000	1-cylinder rail distributor (for installing 4-cyl. kit on 3-cyl. car)	1 PC
3161001	2-cylinder rail distributor	1 PC
240104300	4-cylinder rail distributor	1 PC
4770011	Rail plug with O-Ring	1 PC
4530023	Rail fitting with O-Ring D. 12 mm	1 PC
4590020	Intermediate fitting rail with O-Ring	1 PC
4020001	Fixing clamp for rail connection	1 PC

RAIL NOZZLES

CODE		QUANTITY
668108000	30 piece pack of rail nozzles P D. 1,4 mm 'A1'	1 PC
668109000	30 piece pack of rail nozzles P D. 1,6 mm 'A'	1 PC
668110000	30 piece pack of rail nozzles P D. 1,8 mm 'B'	1 PC
668111000	30 piece pack of rail nozzles P D. 2,0 mm 'C'	1 PC
668112000	30 piece pack of rail nozzles P D. 2,2 mm 'D'	1 PC
668113000	30 piece pack of rail nozzles P D. 2,4 mm 'E'	1 PC
668114000	30 piece pack of rail nozzles P D. 2,6 mm 'F'	1 PC
668115000	30 piece pack of rail nozzles P D. 2,8 mm 'G'	1 PC
668116000	30 piece pack of rail nozzles P D. 3,0 mm 'H'	1 PC
668123000	4 piece pack of rail universal ALU nozzles P D. 1,4 mm	1 PC

NOZZLE EXTENSIONS

CODE		QUANTITY
1580001	12 piece pack of copper nozzle extensions	1 PC
620500110	4 piece pack of fittings for PTFE nozzle extensions	1 PC
620700610	4 piece pack of 20-cm long PTFE nozzle extensions	1 PC

EMULATOR WIRING HARNESSES

CODE		QUANTITY
1080011	Universal emulator wiring harness Easy Fast for 4 injectors	1 PC
1080012	Bosch right emulator wiring harness Easy Fast for 4 injectors	1 PC



GAS FLOW ADJUSTERS

CODE			QUANTITY
450015	1 way gas flow adjuster D. 12x19 mm		10 PC
450016	1 way gas flow adjuster D. 19x19 mm		10 PC
450017	Y-shape gas fitting D. 19x12x12 mm		10 PC
450018	Y-shape double gas fitting D. 19x12x12 mm		10 PC
450024	Y-shape gas fitting D. 19x19x19 mm		10 PC



MAINTENANCE SPARE PARTS AFTER SALES

LOVATO
LET THE BLUE DRIVE YOU

MAINTENANCE / SPARE PARTS

CONFIGURATION TOOLS

HOSES AND PIPES






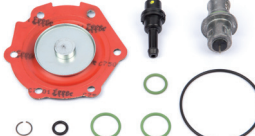




PROMOTIONAL ITEMS

SALE / WARRANTY



MAINTENANCE PARTS FOR LPG AND CNG SYSTEMS



LPG REDUCER MAINTENANCE

CODE			QUANTITY
1294011	RGJ reducer maintenance kit - filter		1 PC
674000476	RGJ-3/3 DD/3.2/HP/SHP maintenance kit - filter		1 PC
674000100	RGJ-3.2L/3.2L DD maintenance kit - filter		1 PC
674000417	RGJ UHP reducer maintenance kit - filter		1 PC
CODE			QUANTITY
1294012	RGJ reducer maintenance kit - gas		1 PC
674000478	RGJ-3/3.2/3.2L maintenance kit - gas		1 PC
674000479	RGJ-3 DD/3.2L DD maintenance kit - gas		1 PC
CODE			QUANTITY
1294013	RGJ maintenance kit - water/solenoid lock-off valve		1 PC
674000477	RGJ-3/3 DD/3.2/3.2L/3.2L DD reducer maintenance kit - water/solenoid lock-off valve		1 PC
674000475	RGJ HP/SHP/UHP reducer maintenance kit - gas and water/solenoid lock-off valve		1 PC

CODE			QUANTITY
621506K	Vacuum RG80, RGV090 reducer maintenance kit		1 PC
621509K	Electronic RGE92, RGE090/140 reducer maintenance kit		1 PC
621514	Electronic RGE170 reducer maintenance kit		1 PC
621515	Electronic RGE220 reducer maintenance kit		1 PC
674000382	Solenoid lock-off valve RGJ-3/3 DD/3.2/3.2L/3.2L DD maintenance kit		1 PC
1294009	Solenoid lock-off valve RGE090/140/Turbo reducer maintenance kit		1 PC

CODE		QUANTITY
674703000	HGJ heater maintenance kit	1 PC

LPG/PETROL SOLENOID LOCK-OFF VALVE MAINTENANCE

CODE		QUANTITY
1294008	EVG2 LPG solenoid lock-off valve maintenance kit	 1 PC
1294005	EVB petrol solenoid lock-off valve maintenance kit	 1 PC
319028	Cartridge filter for EVG1 & EVG2 LPG solenoid lock-off valve	30 PC

CNG REDUCER MAINTENANCE

CODE		QUANTITY
674000363	RMJ C reducer maintenance kit	 1 PC
1294022	RMJ-3 (code 1620003) reducer maintenance kit	1 PC
674800000	RMJ-3 (code 536896000) reducer maintenance kit	 1 PC
674709000	RMJ-3.2/HP reducer maintenance kit	 1 PC
674000315	RMJ-3.2S/HP reducer maintenance kit	 1 PC



CODE		QUANTITY
629003	Electronic M230/M230 Super reducer maintenance kit	1 PC
1294001	Electronic RME090/140 reducer maintenance kit	1 PC
1294002	Electronic RME180 reducer maintenance kit	1 PC
674000485	Solenoid cut-off valve electronic RME reducer maintenance kit	1 PC



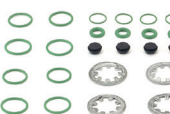
FSU FILTER MAINTENANCE

CODE		QUANTITY
1294021	FSU filter maintenance kit (cartridge + OR set)	1 PC



INJECTOR MAINTENANCE

CODE		QUANTITY
674700000	LP/EP rail maintenance kit type "A" every 30.000 km (optional)	1 PC
674702000	LP rail maintenance kit type "B" 120.000 km (optional)	1 PC
674000311	EP rail maintenance kit type "B" - 120.000 km (optional)	1 PC
674701000	LP/EP calibration tool kit	1 PC



MULTIVALVE MAINTENANCE

CODE		QUANTITY
674000486	Multivalve model 305 III maintenance kit	1 PC



SPARE PARTS FOR LPG AND CNG SYSTEMS

LPG REDUCERS

536795000



536778000



536700060



CODE		QUANTITY
536795000	RGJ-3.2L reducer (up to 140 kW)	1 PC
536778000	RGJ-3.2L DD reducer (up to 140 kW)	1 PC
536700060	RGJ UHP reducer (up to 260 kW)	1 PC

1628001



1625001



CODE		QUANTITY
1628001	Vacuum RGV090 reducer (power 20 - 90 kW)	12 PC
1628002	Vacuum RGV140 reducer (power 90 - 140 kW)	12 PC
1625001	Electronic RGE090 reducer (power 20 - 90 kW)	12 PC
1625002	Electronic RGE140 reducer (power 90 - 140 kW)	12 PC
704906	Electronic RGE220 reducer (power 170 - 220 kW)	12 PC

536700013



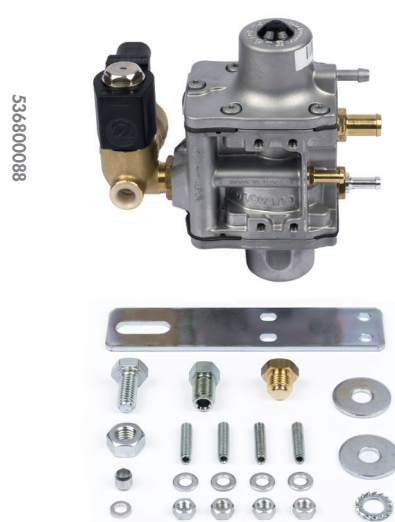
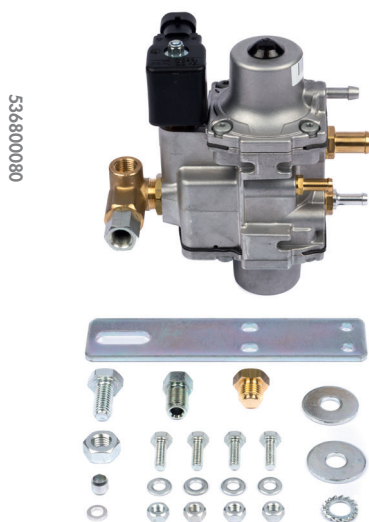
536700015



CODE		QUANTITY
536700013	Small vacuum RSGV D. 1,7 reducer	30 PC
536700014	Small vacuum RSGV D. 2 reducer	30 PC
536700015	Small electronic RSGE D. 1,7 reducer	30 PC



CNG REDUCERS



CODE		QUANTITY
536800080	RMJ C reducer (up to 140 kW)	1 PC
536800088	RMJ-3.2S reducer (up to 140 kW)	1 PC
536800087	RMJ-3.2S HP reducer (up to 200 kW)	1 PC

CODE		QUANTITY
1621001	Electronic RME090 reducer (power 10 - 90 kW)	12 PC



1621002	Electronic RME140 reducer (power 90 - 140 kW)	12 PC
1621003	Electronic RME180 reducer (power 140 - 180 kW)	12 PC

LPG AND CNG REDUCER SPARE PARTS

CODE		QUANTITY
421521	First stage cover for all LPG vacuum & electronic reducers	1 PC
3770002	Oil drain plug with O-Ring for all electronic RGE reducers	50 PC
521017	12V electric starter for all vacuum RGV reducers	1 PC
421549K	Separated idle adjusting screw for all electronic RGE reducers	50 PC
421543	90° water elbow for electronic RGE170/220 reducer	10 PC

CODE		QUANTITY
521520	12V electric coil for solenoid lock-off valve for all electronic RME reducers	1 PC
406035	Wiring harness with AMP superseal connector for all electronic RME reducers	1 PC
3770001	Oil drain plug with O-Ring for all electronic RME reducers	50 PC
3460001	First stage piston for all electronic RME reducers	10 PC
407105	Separated idle adjusting screw for all electronic RME reducers	50 PC
314504	Spring for idle adjusting screw for all electronic RME reducers	50 PC
CODE		QUANTITY
3530003	Water connection with O-Ring for all reducers	50 PC
3530001	Plastic gas outlet with O-Ring for all reducers D. 19 mm	50 PC
3600001	Idle adjusting screw for all reducers - RGE170/220 excluded	50 PC
321032	Spring for idle adjusting screw for all reducers	50 PC
4530002	M6 fitting for rubber pipe connection D. 6 mm	50 PC
322006	M6 fitting for vacuum rubber pipe connection D. 5,5x10 mm	50 PC

INJECTOR RAILS

CODE		QUANTITY
237000019	Single EP injector	1 PC
238000064	Complete EP 2-cylinder rail	1 PC
		
238636000	Complete EP 4-cylinder rail with ALU nozzles	1 PC
		
237113000	Single KP injector	1 PC
238606000	Complete KP 2-cylinder rail	1 PC
		



CODE		QUANTITY
238607000	Complete KP 3-cylinder rail	1 PC
237000007	Single DP injector	1 PC
238000021	Complete DP 2-cylinder rail	1 PC
238000050	Complete DP 3-cylinder rail	1 PC
232027000	Single LP injector (outside of the range, available only as spare parts)	1 PC
238603000	Complete LP 2-cylinder rail (outside of the range, available only as spare parts)	1 PC
237112000	Single JP injector (outside of the range, available only as spare parts)	1 PC
1040022	Complete JP 2-cylinder rail (outside of the range, available only as spare parts)	1 PC



238604000	Complete JP 3-cylinder rail (outside of the range, available only as spare parts)	1 PC
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FILTERS AND SENSORS

CODE		QUANTITY
161522000	Disposable in-line filter	1 PC
1205005	Filter without sensors	1 PC
463532000	PTM sensor	1 PC
161511000	FSU filter with sensors (without MAP)	1 PC
1205010	FSU filter with PTM sensors	1 PC
612544000	Eltek wiring harness interface - FSU PT	1 PC



ECUs








CODE			QUANTITY
616000167	4-cylinder E-GO ECU		1 PC
616497000	4-cylinder Smart ECU		1 PC
616000291	4-cylinder Smart ExR ECU		1 PC
616000495	4 cylinder Smart ExR ECU with Lambda probe		1 PC
4720016	4-cylinder Easy Fast OBDII ECU		1 PC
4720017	5/6/8-cylinder Easy Fast OBDII ECU		1 PC
616000273	4-cylinder Easy Fast C-OBDII ECU		1 PC
616000301	5/6-cylinder Easy Fast C-OBDII ECU		1 PC
616000335	8-cylinder Easy Fast C-OBDII ECU		1 PC
616972000	4-cylinder Easy Fast D.I. ECU		1 PC
616000268	4-cylinder Easy Fast D.I. ExR ECU		1 PC
616000267	5/6/8-cylinder Easy Fast D.I. ExR ECU		1 PC
616000170	Dual Fast ECU		1 PC
616967000	Loveco 4-EU PLUS II ECU		1 PC



ECU WIRING HARNESS

CODE		QUANTITY
612000011	4-cylinder E-GO wiring harness	1 PC
612509000	4-cylinder Smart wiring harness (FSU filter)	1 PC
612000125	4-cylinder Smart ExR wiring harness (PTM sensor)	1 PC
612000079	4-cylinder Smart ExR wiring harness (FSU filter)	1 PC
4080050	4-cylinder Easy Fast OBDII black wiring harness	1 PC
4080051	4-cylinder Easy Fast OBDII grey wiring harness	1 PC
4080052	5/6/8-cylinder Easy Fast OBDII wiring harness	1 PC
612000060	4-cylinder Easy Fast C-OBDII wiring harness	1 PC
612000066	5/6-cylinder Easy Fast C-OBDII wiring harness	1 PC
612000084	8-cylinder Easy Fast C-OBDII wiring harness	1 PC
4080038	4-cylinder Easy Fast D.I. wiring harness	1 PC
612000047	4/5/6/8-cylinder Easy Fast D.I. ExR (60 pin) wiring harness	1 PC
612989000	5/6/8-cylinder Easy Fast D.I. ExR (48 pin) additional wiring harness	1 PC
612979000	Loveco 4-EU PLUS II wiring harness	1 PC

FUEL SWITCHES

CODE		QUANTITY
425000012	Switch 3.0	1 PC
		
620500210	Round switch	1 PC
		
425000006	CL1.1 switch with reserve indicator	1 PC
		
1110013	M200-DC switch with level indicator (std 1050)	1 PC
		
1110014	M200-DI switch with level indicator (std 1050)	1 PC
		
1110003	Switch for Loveco 4-EU and 4-EU PLUS	1 PC
		
616968000	Switch for Loveco 4-EU PLUS II	1 PC
		

**STEPPER MOTOR**

CODE		QUANTITY
2040006	Flow actuator AF2 with resin body	1 PC

SENSORS

CODE		QUANTITY
421053	NTC sensor 4K7 with AMP connector M10x1	1 PC
203850000	NTC sensor 4K7 without AMP connector M10x1	1 PC
421051	NTC sensor M5 with faston	1 PC
620700778	NTC sensor for installation on water pipe 15x15 mm	1 PC
530076000	NTC sensor for installation on rail with fitting	1 PC

MULTIVALVE AND VAPOUR BOX SPARE PARTS

CODE		QUANTITY
620700933	Rubber protection for external multivalve model 305	1 PC
133157300	Protection box for cover of external toroidal multivalve model 305 III	1 PC
118046000	11W coil with AMP connector for multivalve model 305 & 305 III	1 PC
118000012	11W coil with faston for multivalve model 305 & 305 III and for EVG2 LPG solenoid lock-off valve	1 PC
314502	Filter float for all multivalves	50 PC
317076	Gasket for multivalve body	50 PC
4080035	AEB1050 standard level sensor wiring harness with integrated solenoid lock-off valve control	1 PC
201010	Vapour box cover with O-Ring for multivalves model 305 & 305 III	1 PC
201008	Vapour box cover with O-Ring for multivalves model 318 & LOV00	1 PC
316008	Plastic ventilation hole D. 30 mm	50 PC

SOLENOID LOCK-OFF VALVES

CODE		QUANTITY
1171002	10 piece pack of EVG1 LPG solenoid lock-off valves (AMP connector)	1 PC
4065004	8W coil for EVG1 LPG solenoid lock-off valve (AMP connector)	1 PC
1171003	10 piece pack of EVG2 LPG solenoid lock-off valves (faston)	1 PC
519006K	8W coil for EVG2 LPG solenoid lock-off valve (faston)	1 PC
1170002	10 piece pack of EVB petrol solenoid lock-off valves	1 PC
520001	12V coil for EVB petrol solenoid lock-off valve	10 PC
1860005	CNG solenoid cut-off valve	1 PC



LPG FILLING VALVE SPARE PARTS

CODE		QUANTITY
3770004	Plastic cap for filling valve code 525005K	1 PC
287125000	Plastic cap for filling valve for petrol filling compartment	1 PC
287000029	Plastic cap for in-bumper filling valve	1 PC



SYSTEM CONFIGURATION TOOLS

CONFIGURATION TOOLS

CODE		QUANTITY
203000036	USB 2.0 serial cable	1 PC
1685001	Wireless interface kit	1 PC



1570000	Calibration software CD-ROM	1 PC
203950000	Expert level calibration software USB (direct and indirect injection)	1 PC
612508000	Loveco adapter	1 PC
616000191	OBDII tester	1 PC
612000124	12V power unit for wireless interface kit on E-GO and Smart ExR	1 PC

SPARE PARTS

CODE		QUANTITY
1155006	USB wireless device	1 PC
1155007	ECU wireless device	1 PC



HOSES AND PIPES

AIR PIPES

CODE		QUANTITY
135002	Vacuum rubber pipe D. 5x10,5 mm (100 m roll)	100 m

PETROL PIPES

CODE		QUANTITY
135004	Petrol rubber pipe D. 7x13 mm (100 m roll)	100 m

WATER PIPES

CODE		QUANTITY
135006	Water rubber pipe D. 15x23 mm (60 m roll)	60 m
7831024	Water rubber pipe D. 7x13 mm (100 m roll)	100 m

VENTILATION PIPES FOR VAPOUR BOXES

CODE		QUANTITY
135007	Flexible ventilation pipe D. 30 mm (30 m roll)	30 m
299156351	Extendible ventilation up to 70 cm D. 30 mm	1 PC

GAS PIPES

CODE		QUANTITY
299000124	LPG rubber pipe D. 6x13 mm (50 m roll)	50 m
299000127	LPG rubber pipe D. 19x27 mm (50 m roll)	50 m
299000147	LPG rubber pipe D. 12x19 mm (50 m roll) - E67R1-110	50 m
434001	LPG copper pipe D. 4x6 mm (50 m roll)	50 m
434004	LPG copper pipe D. 4x6 mm (5,5 m long)	1 PC
434007	LPG copper pipe D. 6x8 mm (50 m roll)	50 m
434008	LPG copper pipe D. 6x8 mm (1,5 m long)	1 PC
434009	LPG copper pipe D. 6x8 mm (2,5 m long)	1 PC
7832001	CNG steel pipe D. 4x6 mm (6 m long) - ISO 15500	1 PC
408204	CNG steel pipe D. 4x6 mm (6 m long) - ECE R110	1 PC
620700944	Thermoplastic pipe kit equiv. D. 4x6 mm (5,5 m long)	1 PC








620700945	Thermoplastic pipe kit equiv. D. 6x8 mm (1,5 m long)	1 PC
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CODE		QUANTITY
620700947	Thermoplastic pipe kit equiv. D. 6x8 mm (6 m long)	1 PC
299765401	Thermoplastic pipe equiv. D. 4x6 mm (50 m roll)	1 PC
299766401	Thermoplastic pipe equiv. D. 6x8 mm (50 m roll)	1 PC

PIPE ACCESSORIES

CODE		QUANTITY
322010	Inlet fitting for copper pipe D. 4x6 M10x1 15 mm	50 PC
325086	Inlet fitting for copper pipe D. 6x8 M14x1 18 mm	50 PC
309004	Inlet fitting for steel pipe D. 4x6 M12x1 24 mm	50 PC
322001	Ferrule for copper pipe D. 4x6 mm	50 PC
323004	Ferrule for copper pipe D. 6x8 mm	50 PC
309005	Ferrule for steel pipe D. 6 mm	50 PC
325110	Mushroom-ferrule for copper pipe D. 6x8 mm	50 PC
		
406038	T-fitting for copper pipe D. 6x8 mm	10 PC
406012	T-fitting for copper pipe D. 4x6 mm	10 PC
322014	Plastic T-fitting for water pipe D. 15x15x15 mm	50 PC
		
309007	Plastic T-fitting for water pipe D. 16x8x16 mm	10 PC
322015	Water T-fitting D. 16x16x16 - 19x19 mm (double diameter)	10 PC
5530004	Plastic T-fitting for water pipe D. 19x16x19 mm	10 PC
668007000	Outlet fitting for copper pipe D. 6 mm	10 PC
668005000	Outlet fitting for copper pipe D. 8 mm	10 PC
668119000	30 piece pack of standard fittings for thermoplastic pipe D. 4x6 mm	1 PC
		
668120000	30 piece pack of standard fittings for thermoplastic pipe D. 6x8 mm	1 PC
668121000	30 piece pack of 90° fitting adapters for thermoplastic pipe D. 4x6 mm	1 PC
		
668122000	30 piece pack of 90° fitting adapters for thermoplastic pipe D. 6x8 mm	1 PC
620700942	150 piece pack of retain clamps D. 10 mm	1 PC
		
620700943	50 piece pack of retain clamps D. 12 mm	1 PC



PROMOTIONAL ITEMS

CLOTHING



CODE	QUANTITY
183313 Cap	1 PC



CODE	QUANTITY
999902001 T-shirt size S	1 PC
999903001 T-shirt size M	1 PC
999904001 T-shirt size L	1 PC
999905001 T-shirt size XL	1 PC
999906001 T-shirt size XXL	1 PC



CODE	QUANTITY
999898001 Dungarees size M	1 PC
999899001 Dungarees size L	1 PC
999900001 Dungarees size XL	1 PC
999901001 Dungarees size XXL	1 PC



CODE	QUANTITY
999894001 Short sleeve polo size M	1 PC
999895001 Short sleeve polo size L	1 PC
999896001 Short sleeve polo size XL	1 PC
999897001 Short sleeve polo size XXL	1 PC



CODE	QUANTITY
999890001 Gilet size M	1 PC
999891001 Gilet size L	1 PC
999892001 Gilet size XL	1 PC
999893001 Gilet size XXL	1 PC

CODE	QUANTITY
999886001 Sweatshirt size M	1 PC
999887001 Sweatshirt size L	1 PC
999888001 Sweatshirt size XL	1 PC
999889001 Sweatshirt size XXL	1 PC



CODE	QUANTITY
999908001 Working overalls size L	1 PC
999909001 Working overalls size XL	1 PC
999910001 Working overalls size XXL	1 PC
999907001 Working overalls size XXXL	1 PC





GADGETS



CODE	QUANTITY
999925000 USB key	1 PC



CODE	QUANTITY
234217001 Filling valve bag	1 PC

PROFESSIONAL & TRAINING



CODE	QUANTITY
183332 Lovato magnetic cover	1 PC



CODE	QUANTITY
999000203 Lovato GasPoint rectangular sign	1 PC



CODE	QUANTITY
999913001 Floor stand flag white background H. 300 cm (with support)	1 PC
999914001 Floor stand flag blue background H. 300 cm (with support)	1 PC



CODE	QUANTITY
999911001 Flag white background 120x70 cm	1 PC

CODE	QUANTITY
999912001 Flag blue background 120x70 cm	1 PC

A - VERSION



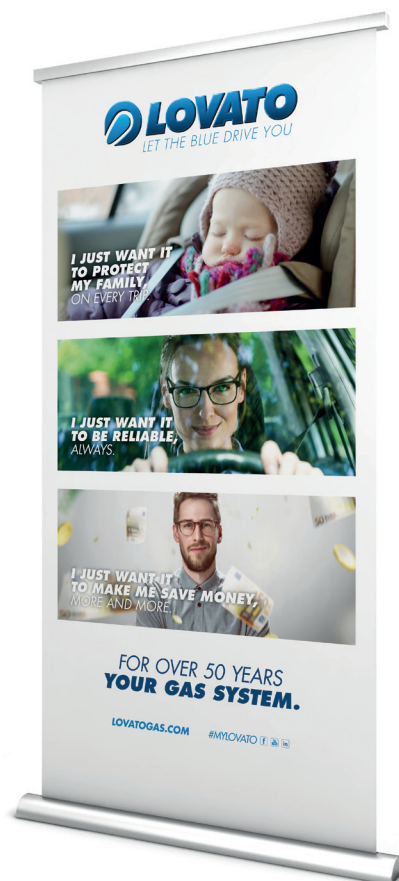
B - VERSION



CODE	QUANTITY
999000201 Van customized artwork - Italian version	1 PC
999000200 Van customized artwork - English version	1 PC
999000202 Van customized artwork - Russian version	1 PC

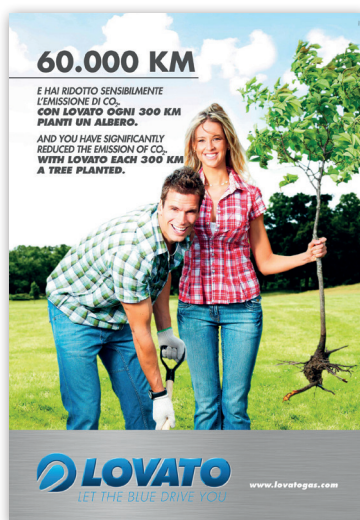


PROFESSIONAL & TRAINING



CODE		QUANTITY
999000212	Vision roll up artwork - Italian version	1 PC
999000210	Vision roll up artwork - English version	1 PC
999000213	Vision roll up artwork - Russian version	1 PC
999000211	Vision roll up artwork - Spanish version	1 PC

CODE		QUANTITY
999000208	Institutional roll up artwork - Italian version	1 PC
999000206	Institutional roll up artwork - English version	1 PC
999000209	Institutional roll up artwork - Russian version	1 PC
999000207	Institutional roll up artwork - Spanish version	1 PC



CODE		QUANTITY
977707440	Set of 3 posters - 70x100 cm	1 PC



CODE		QUANTITY
977000137	Vision poster artwork Italian version	1 PC
977000136	Vision poster artwork English version	1 PC
977000138	Vision poster artwork Russian version	1 PC

CODE		QUANTITY
977000134	Follow our road poster artwork Italian version	1 PC
977000133	Follow our road poster artwork English version	1 PC
977000135	Follow our road poster artwork Russian version	1 PC

STANDS, DEPLIANTS AND BROCHURES



CODE		QUANTITY
999922000	Expositive totem	1 PC



CODE		QUANTITY
999000205	Smart ExR stand	1 PC
999000204	Easy Fast Direct Injection ExR stand	1 PC



GENERAL TERMS AND CONDITIONS OF SALE

ART. 1 - INTRODUCTION

These General Terms and Conditions, available on the web site of Lovato Gas www.lovatogas.com, regulate the sales agreements between the same Lovato Gas S.p.A. - Italian company with registered seat in Vicenza (Italy), Strada Casale no. 175, VAT number and fiscal code 03328680248, enrolled at the Chamber of Commerce of Vicenza under the no. 0316445 - and the professional customers (Business to Business).

ART. 2 - ORDERS, DRAWINGS AND TECHNICAL INFORMATION

2.1 The sale of Lovato Gas products is exclusively governed by these Sales General Terms and Conditions, as well as by those particular placed on single orders, if any.

In case of discrepancy between these Sales General Terms and Conditions and the particular conditions placed on single orders accepted by Lovato Gas, these latter shall prevail.

These conditions are applicable only to sales made through the traditional channels of Lovato Gas commercial network, while online sales are regulated according to the conditions specified on a specific address that may be adopted by Lovato Gas in the future.

2.2 Lovato Gas is free to update, integrate or amend these Sales General Terms and Conditions, which modification will come in force and take effect from the day following their publication on the website www.lovatogas.com, finding instant application for the orders that will follow such publication.

2.3 These Sales General Terms and Conditions, as well as their additions, changes or updates, if any, are to be considered as always accepted by the Customer with his transmission in any form to Lovato Gas of the purchase order of the products, having to be considered that the Customer had taken full knowledge and awareness of them, even if not listed in the order or expressly countersigned by him, also because of their publicity on the mentioned Lovato Gas's web site.

2.4 The orders forwarded through agents, brokers or other persons other than the Customer, as well as orders forwarded directly by the Customer, are always held as conditioned to clearance by Lovato Gas, none being authorized, unless specific written mandate, to take binding commitments for Lovato Gas. Orders are irrevocable for a period of five (5) calendar days starting from their receipt and will engage Lovato Gas when accepted or processed by this latter.

2.5 Each order must state the exact types, models, quantities, technical specifications and any customization of the products, as well as any other data required by the order forms if any prepared by Lovato Gas or its resellers. The Customer assumes any liability for the incorrect or incomplete indication of the above data in orders forwarded by him.

2.6 The orders will be accepted or processed by Lovato Gas only at the conditions specified therein, so any special condition

not resulting from the orders will not be valid nor binding for Lovato Gas.

2.7 Once the order is accepted or processed, the Customer cannot modify the object nor cancel the executed sale contract.

2.8 All drawings and technical documents relating to the products or their manufacturing submitted by Lovato Gas to the Customer, before or after the formation of the contract, shall remain the property of Lovato Gas. Drawings, technical documents or other technical information disclosed by Lovato Gas to the Customer shall not, without Lovato Gas prior consent, be used by the Customer for any purpose other than for the purchase and use of the products. It is in any case forbidden to the Customer, without the prior written consent of Lovato Gas, any different use, any copying, reproduction, transmission or disclosure of the abovementioned drawings, technical documents or other technical information.

ART. 3 - TERMS AND WAYS OF DELIVERY

3.1 If not differently provided into particular conditions, the delivery of the products is always made FCA – Seller's address, goods to be loaded at its headquarters or warehouses wherever placed, regardless of the hauler, carrier or forwarder chosen by the Customer. The costs of loading, transport and insurance are always in charge of the Customer, even if the products are traveling on Lovato Gas vehicles, or by carriers other than those specified by the Customer.

3.2 All the risks are held as transferred to the Customer from the date of the delivery made according to the above.

3.3 The products always travel at the risk and danger of the Customer; after delivery has taken place Lovato Gas will not be responsible in any way for loss, damage and fate of the products.

3.4 Lovato Gas is not liable for delays in delivery due to force majeure, fortuitous event or justifiable reason such as, but not limited to, strikes, riots, earthquakes, other natural disasters, lack of raw material, power and/or IT blackouts, fire, stop of machines and any other cause beyond the will and control of Lovato Gas, such as to prevent, in whole or in part, the execution of the contract within the time and manner agreed. For the late delivery of the products, whether justified or not, higher than 1 (one) month, the Customer cannot ask the termination of the contract or compensation of damages. If the delivery must be made within a specified period of time (i.e. within 30 days from formation of the contract), such period shall start to run as soon as the contract is entered into and all agreed preconditions to be fulfilled by the Purchaser have been satisfied, such as, by way of mere example and without exclusion, official formalities, payments due at the formation of the contract or securities.

3.5 If not differently agreed between the parties inside the order, the delivery terms are indicative and not essential for Lovato Gas. Deliveries will be made compatibly with the needs of production and shipment of Lovato Gas.



3.6 Lovato Gas reserves the right to split the products of a single contract in multiple deliveries, or to merge into one delivery the products ordered by Customer with multiple orders.

3.7 From the moment of delivery to Customer of the notice of goods ready to be delivered, Lovato Gas shall guard products without any liability and will charge the Customer with all costs of lodging or storage for not less than 1% of the price of the products for each week of delay, if this will be more than ten (10) days. In the absence of withdrawal, Lovato Gas will arrange the shipment with the tool that it will consider more convenient, or hold the contract of sale as terminated for delays of more than 30 (thirty) days.

3.8 Should Lovato Gas ships the products, due to non-collection by the Customer or by written agreement between the parties, Lovato Gas will act as agent of the Customer at the expenses and under the responsibility of this latter.

3.9 Lovato Gas may suspend the delivery of the products in the event of missed or non-regular payment of the price of previous supplies by the Customer.

3.10 The products are packed with standard packing suitable to be loaded on ordinary trucks and to be unloaded with suitable and homologated tools. The Customer must anticipate Lovato Gas with the cost of any special packaging required in the order.

3.11 Unless otherwise agreed in writing, assembly and installation of the products are always to be paid by the Customer.

ART. 4 - PRICES

4.1 The prices indicated in the price list or catalogs of Lovato Gas are the NET prices because they do not include any taxes, special packaging, transport and insurance costs.

4.2 The prices can be changed by Lovato Gas in its sole discretion and without prior notice; the modification will apply to all the orders after the modification.

4.3 The prices specified in the order already submitted by the Customer may be adjusted by Lovato Gas only in the event of changes in the tax system or sudden and unforeseen increases in the raw materials or labor costs, events which the Customer will be firstly informed of, with its power to revoke the order if the changes would bring increases of more than 10% of the price firstly agreed.

4.4 For any product test, within or outside Lovato Gas seat, the Customer shall pay the related costs in advance.

ART. 5 - PAYMENTS

5.1 Unless otherwise provided in the order, the products will be invoiced by Lovato Gas at the time of delivery and must be paid in Euro currency. Lovato Gas may send invoices either by letter or electronically pursuant to Article 21 of the Presidential Decree no. 633/72 on VAT, as amended in compliance with the European Directives 45/10. Invoices not challenged in writing

within five (5) working days from their receipt shall be deemed as accepted by the Customer in all their parts.

5.2 For supply of special products, to be identified from time to time, the Customer shall pay at least 30% of the price in advance at the moment of the order.

5.3 The Customer must pay all the products without delay and cannot postpone or suspend it or change its terms, not even if case disputes of whatever kind arise, including those relating to the guarantee or other responsibilities of Lovato Gas.

5.4 In the event of completely missed or partial payment by the Customer, in addition to the provisions of Article 3.9 above, Lovato Gas may withdraw from any other contract with the Customer and not yet enforced, in any event without prejudice to the compensation of the higher damages.

5.5 The incomplete or missed payment within the terms agreed in the order will always constitute a serious nonfulfillment of the Customer, with faculty upon Lovato Gas to terminate immediately the contract through registered letter with return receipt requested without the need of prior formal notices or statements. In any case the missed payment even of a single invoice due and anyhow the partial nonfulfillment will be a sufficient condition for the Customer to fall from the benefit of installment payment according to Article 1186 of the Italian Civil Code, with right of Lovato Gas to require the immediate payment of its total credit already due and close to its due date.

5.6 Are to be considered as payments in full only those made directly to Lovato Gas in the terms agreed, while other forms of payment, postponements or extensions must only be held as facilitation of the fulfillment. Payment made by bank checks, promissory notes or other debt securities shall be always intended as "subject to collection" and with exclusion of any novation of the original obligation.

5.7 In case of default, without prejudice to greater damages pursuant to Article 1224 of the Italian Civil Code, it will be applied automatically in favor of Lovato Gas interests in the amount established by Legislative Decree no. 231/02.

ART. 6 - RETENTION OF OWNERSHIP

6.1 In case of sale made on installment basis the products remain in the exclusive property of Lovato Gas until full payment of the price. Failure to pay even one installments equal or higher than the eighth part of the price, or the failure to pay even non-consecutively two or more installments, will entitle Lovato Gas to terminate the sale, claiming the title of the products and holding as indemnification the amounts already collected, or to demand immediate payment of the remaining total price with automatic forfeiture of benefit of payment on installment basis as stated in Article 5.5 above.

6.2 The Purchaser shall at the request of Lovato Gas assist him in taking any measures necessary, if any, to protect Lovato Gas's reservation of title. The retention of title to Lovato Gas shall not affect the passing of risk under Article 3.2 above.



ART. 7 - MARGINAL TECHNICAL MODIFICATIONS

7.1 Without altering the essential characteristics of the products ordered, Lovato Gas has the faculty to modify, even after the conclusion of the contract, manufacturing details and/or technical specifications of the products without obligation to notice the Customer.

ART. 8 - WARRANTY

8.1 The acceptance of the product by the shipper, the carrier or any other charged of the collection by the Customer, will demonstrate the good condition of the packaging of the products upon delivery.

8.2 Lovato Gas warrants that the products are compliant to the technical specifications declared, that they are free from faults and defects, as well as about their safety in accordance with the standards in force at the time of their placing on the market.

8.3 Lovato Gas rejects any liability for any kind of damages, whether direct or indirect, caused to people or things that are not related to the use that it could be reasonably expected at the time when the products were made.

8.4 Unless otherwise agreed in written in the particular conditions put in the order, Lovato Gas grants a warranty on mechanical and electronic parts of the products of 24 (twenty-four) months from the date of production marked on the product itself. The efficiency of the guarantee is subject to the timely reporting of the defects within 8 (eight) days from the delivery of products for those defects immediately detectable, and within 8 (eight) days from the discovery for the hidden defects.

8.5 Upon complaints promptly and justifiably proposed and accompanied by the information required, Lovato Gas will perform its warranty interventions in reasonable time at its registered office or, at its indisputable discretion, at a service center of its trust. To that purpose the products must be sent by the Customer at the headquarters of Lovato Gas or at the service center indicated by the same.

8.6 Lovato Gas, at its sole discretion, will replace with new or repaired products which recognize defective or non-conforming and inform the Customer about their readiness for dispatch at Lovato Gas headquarters.

8.7 Repairs carried out under guarantee do not involve any renewal or extension of the term of the guarantee.

8.8 The guarantee does not apply if the product is combined with components not marketed by Lovato Gas or have not been observed the warnings and prescriptions supplied or expected according to a normal criteria of diligence.

8.9 During the warranty periods, as set out in Article 8.4 above, Lovato Gas ensures that its products are free from faults or defects in materials and workmanship, provided that the products are in

normal conditions of use and maintenance. The warranty does not cover parts subject to normal wear and tear, defects or non-conformities of functioning and damages caused by improper use or maintenance of the products as provided in the manual or any other warning, education or prescription by Lovato Gas. The guarantee will not even be applied to what originates from any tampering of the products or any fact, conduct or omission attributable exclusively to the Customer or its assignees.

8.10 Lovato Gas will not be liable in any circumstances for any damage caused by defective products or non-compliant and that in express derogation of Article 1494 of the Italian Civil Code.

ART. 9 - RETURNED PRODUCTS

9.1 Any returns of product must be authorized in advance by Lovato Gas, who will assign a return authorization number to which the Customer will make reference in the relevant documents.

9.2 Lovato Gas will not accept returns of products or accessories not manufactured or marketed by itself and without the authorization reference number.

9.3 Lovato Gas will not accept returns of products that, due to lack of adequate protective packaging or for other reasons, will result not complete in some of their parts.

ART. 10 - ASSIGNMENT OF THE AGREEMENT

10.1 In case of assignment of the agreement, even if accepted by Lovato Gas, the Customer shall remain jointly and severally liable with the assignee for the payment of the price of the products.

ART. 11 - VENUE AND GOVERNING LAW

11.1 Any dispute concerning these General Conditions as well as the validity, interpretation, execution and termination of any contracts of sale of products regulated by these General Conditions and by those specific indicated in each order, will be the exclusive jurisdiction of the Court of Vicenza (Italy), without prejudice to Lovato Gas's faculty to act before the Court of the place where the Customer has its registered office or its real activity.

11.2 These General Terms and Conditions as well as the sales contracts governed by them are governed by Italian law, with the exclusion of the Vienna Convention of 1980 about the International Sale of Goods.

ART. 12 - PRIVACY

12.1 With the forwarding of the purchase order, it's deemed that the Customer has read the notice pursuant to Article 13 of Legislative Decree no. 30th June 2003 no. 196 (Code for the protection of personal data) also available on the website www.lovatogas.com so allowing the processing of personal data by Lovato Gas for the purposes and in the manner specified in that notice.

Acknowledged the General Terms and Conditions of sales listed in this order and available on Lovato Gas web site www.lovatogas.com, of which it has taken full knowledge, in accordance to articles 1341 and 1342 of the Italian Civil Code the Customer declares to have carefully read and understood and to accept all the terms and conditions of Lovato Gas's General Terms and Conditions of sale and in particular the following articles: 2.1 (applicability of the General Terms and Conditions of sale and particular conditions in the orders), 2.3 (automatic acceptance of the General Terms and Conditions of sale), 2.5 (Customer liability for mistakes in the orders), 3.4 (limitation of liability and actions), 3.7 (costs for late collection of products), 3.9 (suspension of delivery in case of late payments), 4.3 (price increase), 5.1 (acceptance of Lovato Gas's invoices), 5.3 (Customer limitation of claims), 5.4 and 5.5 (Lovato Gas's remedies to Customer missed or late payment), 6.1 (retention of ownership), 8.1 (acceptance of products), 8.3 (Lovato Gas's limitation of liability) 8.4 (timely report of alleged defects), 8.8, 8.9 and 8.10 (exclusion of warranty and Lovato Gas limitation of liability), 10 (assignment of the agreement) and 11 (venue and governing law).





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COMPANY WITH CERTIFIED QUALITY SYSTEM