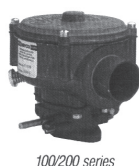
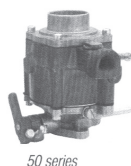


IMPCO MIXERS AND CARBURETORS



50 SERIES



ITEM #	DESCRIPTION	REPAIR KIT
ICA55	Carburetor (Replaced Model 50)	IRKCA55

60/100/200 SERIES

ITEM #	DESCRIPTION			AIR GAS VALVE ASSY
	MIXER	DIAPHRAGM	AIR HORN	
ICA100M	Standard	Hydrin		IAV1-14
IFB100M-4	Feedback	Hydrin		IAV1-1447
ICA200M-1-2	Standard	Silicone	2-5/8"	IAV1-12-2
ICA200M-2-2	Standard	Silicone	3-1/16"	IAV1-12-2
IFB200M-1-2	Feedback	Silicone	2-5/8"	IAV1-1245-2
IFB200M-2-2	Feedback	Silicone	3-1/16"	IAV1-1245-2

125/225 SERIES

ITEM #	DESCRIPTION		AIR GAS VALVE ASSY
	MIXER	DIAPHRAGM	
ICA125M	Standard	Hydrin	IAV1-14
ICA125M-2	Standard	Silicone	IAV1-14-2
ICA125M-10	Standard Dual Fuel	Vacuum Lift Hydrin	IAV1-14-12
ICA125M-10-2	Standard Dual Fuel	Vacuum Lift Silicone	IAV1-14-12-2
IFB125M	Feedback	Hydrin	IAV-1447
IFB125M-2	Feedback	Silicone	IAV1-1447-2
IFB125M-10	Feedback Dual Fuel	Vacuum Lift Hydrin	IVLAV1-1447
IFB125M-10-2	Feedback Dual Fuel	Vacuum Lift Silicone	IVLAV1-1447-2
ICA225M	Standard	Hydrin	IAV1-12
ICA225M-2	Standard	Silicone	IAV1-12-2
ICA225M-10	Standard Dual Fuel	Vacuum Lift Hydrin	IAV1-12-5
ICA225M-10-2	Standard Dual Fuel	Vacuum Lift Silicone	IAV1-12-5-2
IFB225M	Feedback	Hydrin	IAV1-1245
IFB225M-2	Feedback	Silicone	IAV1-1245-2
IFB225M-10	Feedback Dual Fuel	Hydrin	IVLAV1-1245
IFB225M-10-2	Feedback Dual Fuel	Silicone	IVLAV1-1245-2

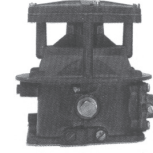


IMPCO MIXERS AND CARBURETORS



300 - 1, 20, 50, 70 series

300-1, 20, 50, 70 SERIES



425 series

ITEM #	DESCRIPTION	MINOR REPAIR	MAJOR REPAIR
		KIT	KIT
ICA300AM	Series 1 standard mixer; Hydrin diaphragm w/ V2-11 standard flow gas valve; Boden cable and cam, no filter or top cover	IRK300MI1/20	IRK300MA1/20
ICA300AM50-2	Series 50 standard mixer; Silicone diaphragm w/ V2-39 high flow gas valve; Boden cable and cam, no filter or top cover	IRK300MI50-2	IRK300MA50-2
IFB300AM-4-2	Series 1 feedback mixer; Silicone diaphragm w/ V2-49 standard flow feedback gas valve; No boden cable and cam, filter or top cover	IRK300MI1/20-2	IRK300MA1/20-2
IFB300AM50-4	Series 50 feedback mixer; Silicone diaphragm w/ V2-50 high flow feedback gas valve; No boden cable and cam, filter or top cover	IRK300MI50-2	IRK300MA50-2
IVL300AM	Series 1 standard vacuum lift mixer; Hydrin diaphragm w/ V2-11 standard flow gas valve; No boden cable and cam, filter or top cover	IRK300MI1/20	IRK300MA1/20
IVL300AM-2	Series 1 standard vacuum lift mixer; Silicone diaphragm w/ V2-11 standard flow gas valve; No boden cable and cam, filter or top cover	IRK300MI1/20-2	IRK300MA1/20-2
IVL300AM50-2	Series 50 standard vacuum lift mixer; Silicone diaphragm w/ V2-39 high flow gas valve; No boden cable and cam, filter or top cover	IRK300MI50-2	IRK300MA50-2

425 SERIES

ITEM #	DESCRIPTION		AIR GAS
	MIXER	DIAPHRAGM	VALVE ASSY
ICT425M	Standard	Hydrin	IAV1-16
ICT425M-2	Standard	Silicone	IAV1-16-2*
IFB425M	Feedback	Hydrin	IAV1-1651
IFT425M-2	Feedback	Silicone	IAV1-1651-2

*For EC1 system use IAV1-1637-2

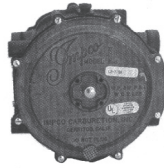
When replacing a tamper-resistant IFB425M-2TP mixer on a factory converted Ford truck (1993-97 429 cubic inch engine), use a ICA425M-2 mixer and replace standard air gas valve with an IAV1-1644-2.

K

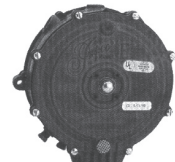
IMPCO CONVERTERS AND REGULATORS



J series



L series



E series

J SERIES
TWO STAGE CONVERTER 100 HP

ITEM #	SECONDARY DIAPHRAGM	OUTLET PRESSURE	REPAIR KIT
IJB-2	Silicone	-1-1/2"	IRKJ-2
IJO-2	Silicone	-1/2"	IRKJ-2

COBRA SERIES
TWO STAGE CONVERTER 100 HP

ITEM #	SECONDARY DIAPHRAGM	OUTLET PRESSURE	REPAIR KIT
ICOBRA	Fluorosilicone	-1-1/2"	IRK-COBRA
ICOBRAI	Fluorosilicone	-1/2"	IRK-COBRA
ICOBRAII	Fluorosilicone	-2"	IRK-COBRA

L SERIES
TWO STAGE CONVERTER 325 HP

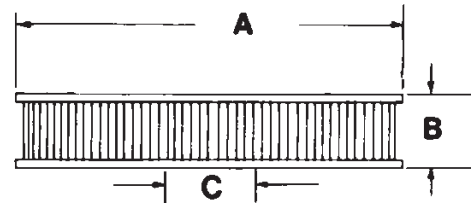
ITEM #	SECONDARY DIAPHRAGM	OUTLET PRESSURE	REPAIR KIT
ILB	Hydrin	-1-1/2"	IRKL
ILB-2	Silicone	-1-1/2"	IRKL-2

E AND PEV SERIES
TWO STAGE CONVERTER 325 HP

ITEM #	SECONDARY DIAPHRAGM	OUTLET PRESSURE	REPAIR KIT
IEB	Hydrin	-1-1/2"	IRKE
IEB-2	Silicone	-1-1/2"	IRKE-2
IEO	Hydrin	-1/2"	IRKE
IEO-2	Silicone	-1/2"	IRKE-2

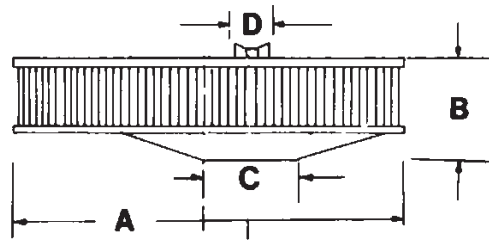
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IMPCO IAF1 SERIES



ASSEMBLY PART #	AIR FLOW	APPLICATIONS	FILTER PART #	COVER PART #	BASE PART #	STUD PART #	DIMENSIONS		
							A	B	C
IAF1-1	350 CFM	ICA300A	IF1-1	IC1-4	*		9-7/8"	2-3/4"	
IAF1-5	150 CFM	ICA125	IF1-5	IC1-28	*	IAS3-33	6-3/4"	2-3/8"	
IAF1-11	500 CFM	ICA300A	IF1-9	IC1-40	IA2-26		14"	3-1/8"	7-1/2"
IAF1-15	400 CFM	ICA425	IF1-15	IC1-28	*	IAS3-32	6-13/16"	6-5/8"	
IF1-21	250 CFM	ICA175A	IF1-21	IC1-73	*		8-1/16"	1-5/16"	

* Filter assembly fits on mixer

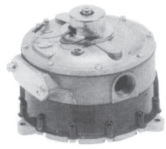


ASSEMBLY PART #	AIR FLOW	APPLICATIONS	FILTER PART #	COVER PART #	BASE PART #	STUD PART #	DIMENSIONS			
							A	B	C	D
IAF1-8	250 CFM	ICA125	IF1-8	IC1-48	IA2-48	IAS3-33	9-1/4"	3"	5-1/16"	5/8"
IAF1-8-2	250 CFM	ICA125	IF1-8	IC1-48	IA2-48	IAS3-41	9-1/4"	3"	5-1/16"	5/8"
IAF1-9	500 CFM	ICA425 (Rainhat)	IF1-9	IC1-36	IA2-36	IAS3-41	14"	4-1/2"	5-1/16"	1"
IAF1-12	500 CFM	ICA225 (Rainhat)	IF1-9	IC1-36	IA2-36	IAS3-52	14"	4-1/8"	5-27/32"	1"
IAF1-14	500 CFM	ICA125/ICA425	IF1-14	IC1-48	IA2-48	IAS3-51	9"	7-1/2"	5-1/16"	5/8"
IAF1-16	350 CFM	ICA425	IF1-6	IC1-60	IA2-60	IAS3-33	13-3/4"	3-1/2"	5-1/16"	1"
IAF1-16-2	550 CFM	ICA425	IF1-9	IC1-60	IA2-60	IAS3-41	14"	4-3/16"	5-1/16"	1"
IAF1-17	350 CFM	ICA225	IF1-6	IC1-60	IA2-60	IAS3-56-2	13-3/4"	3-7/16"	5-27/32"	1"
IAF1-17-2	550 CFM	ICA225	IF1-9	IC1-60	IA2-60	IAS3-52	14"	4-3/16"	5-27/32"	1"

Add approximately 5/8" to height for stud and nut.

K

CENTURY CONVERTERS



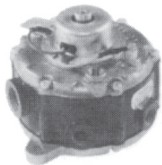
C2504A MODEL M-6
350 Max HP .5" W. C. Demand

Solenoid Primer C317-529 Repair Kit
C286-1688



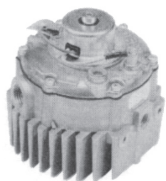
C1477B MODEL H
136 Max HP .5" W. C. Demand

Solenoid Primer C317-529 Repair Kit
C286-1301



C2335 MODEL G-85
85 Max HP .5" W. C. Demand

Solenoid Primer C317-529 Repair Kit
C286-1554



C2380 MODEL G-85
(Air Heated)
85 Max HP .5" W. C. Demand

Solenoid Primer C317-529 Repair Kit
C286-1554

FUEL LOCK-OFFS AND FILTERS



AFC-111
MULTI-FUEL SHUT-OFF VALVE
1/8" FNPT Inlet and Outlet
12 Volt



AFC-121 & 123
MULTI-PURPOSE SHUT-OFF VALVE
1/4" FNPT Inlet and Outlet
12 Volt

AFC-121	Straight Through
AFC-123	90° Side Inlet and Bottom Outlet



AFC-152
INLINE FILTER SHUT-OFF VALVE
1/4" FNPT Inlet
1/4" MNPT Outlet
12 Volt
Replaceable filter

FUEL LOCK-OFFS AND FILTERS (CONTINUED)



AFC-418B
FILTER LOCK-OFF VALVE
1/4" FNPT Inlet and 1/4" MNPT Outlet
12 Volt
Ceramic magnet traps fine metallic particles. High performance filtration capability with integrated 20 micron replaceable filter.



AFC-155
INLINE FILTER WITH MAGNET
1/4" FNPT Inlet
1/4" MNPT Outlet
12 Volt
Cleanable and replaceable 40 micron filter element. Bonded ceramic magnet.

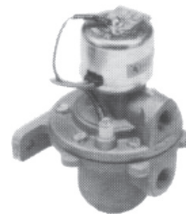


AFC-156
12 VOLT LP FILTER FUELOCK
1/4" FNPT Inlet (Bottom fitting)
1/4" FNPT Outlet (Top fitting)

Replacement Filter:	AFC-156F
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C2341
12 VOLT LP FUELOCK
1/4" FNPT Inlet
1/4" MNPT Outlet



C2384
12 VOLT LP FILTER FUELOCK
1/4" FNPT Inlet (Bottom fitting)
1/4" FNPT Outlet (Top fitting)

Replace. Filter Kit:	C286-1794
Replacement Coil:	C323-526
Repair Kit:	310-6



C2655
LP BULKHEAD FILTER W/ MAGNET
1/4" FNPT Inlet and Outlet

Replace. Filter Kit:	C286-1798
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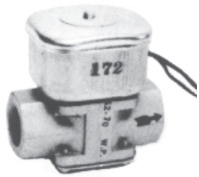
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IVFF30-2
IMPCO VACUUM FUELOCK
 Vacuum fuelock and filter with silicone diaphragm.

Repair Kit:	IRK-VFF30-2
Filter Pad and Gasket:	IAF1-10
Replaceable Filter Only:	IF1-10

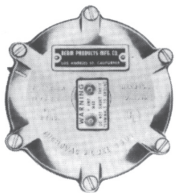
LARGE SOLENOID VALVES



High flow solenoid valves for vapor service on fixed industrial engines.

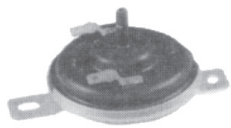
PART #	SIZE	VOLTAGE
G330-05	3/4"	12V
P8215B50	1"	12V
P8223G5	3/4"	120V

VACUUM SWITCHES

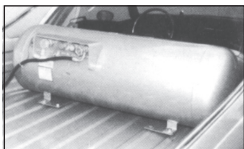


1501-L
BEAM MICROVAC VACUUM SWITCH
 Ultra-sensitive vacuum switch. Ideal for use in low vacuum situations.

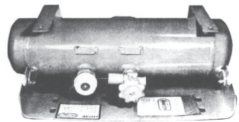
Switch with Installation hardware:	1501-PA
Complete Repair Kit:	1501-RK
Repair Kit for Switch Only:	1501-26



C175-1027
CENTURY VACUUM SAFETY SWITCH
 Vacuum switch includes hope clamp and mounting screws.



We are distributors for Manchester motor fuel and recreational vehicle tanks. Call for information on a tank to fit your application.



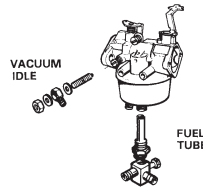
MATERIAL HANDLING CONVERSION EQUIPMENT



We carry a complete selection of IMPCO conversion kits for lift trucks and other material handling applications.

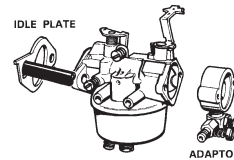
SMALL ENGINE CONVERSION EQUIPMENT

There are 3 ways to convert an air-cooled gasoline engine to gaseous fuel:



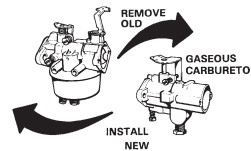
SPUD-IN CONVERSION

The spud-in system injects vapor directly into the gasoline carburetor. This system is normally the lowest cost, but not necessarily the easiest.



ADAPTOR CONVERSION

In the adaptor system, an adaptor is installed between the carburetor and the air cleaner or the intake manifold. This option should be chosen for dual-fuel operation or for the option of converting the engine back to gasoline in the future.

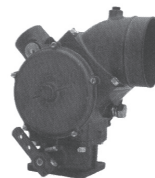


CARBURETOR REPLACEMENT

The propane and natural gas carburetor kits give the best consistent power and performance and are the easiest to install.

We carry a complete line of **BEAM** and **GARRETSON** small engine conversion equipment.

INDUSTRIAL ENGINE CONVERSION EQUIPMENT



We carry IMPCO conversion equipment for all industrial engine applications.

- Small, medium, and large gensets
- Irrigation systems
- Pumping stations
- Oil platform generators
- Cogen
- Standby emergency systems
- Many more





PRINS VSI ALTERNATIVE FUEL SYSTEM

VSI

- VSI: Vapour Sequential Injection
- Fully integrated "master – slave" management system
- EOBD compatible (no signal emulation required)
- System diagnostics by monitoring vital signals and components
- Emission strategy functions for optimization
- System Communication via CAN-bus prepared
- Available for LPG and CNG configurations
- LPG performance comparable to petrol
- R67-01 and R 110 homologated
- Corrosion protected.



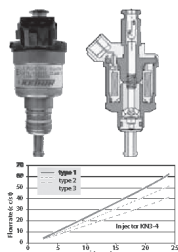
REDUCER

- Single Stage
- Large capacity (14gr/s)
- Stable dynamic characteristics
- Adjustable pressure range with anti-tamper seal
- Map independent system, due to excellent LFR of injector
- Map function, optional if required
- Integrated OEM coolant sensor
- Complies with R67-01 homologation with 5 bar pressure relieve valve
- Complete with electronic lock off valve, liquid filter, and magnet
- Compact design for ease of installation



KEIHIN OEM INJECTOR

- Developed in cooperation with Prins by Keihin Corp, Japan one of the worlds leading injector manufacturer, ensuring quality and reliability
- Excellent linear flow rate (LFR = linear behavior from minimum to maximum flow)
- Linear form 2,5 ms
- Model range available to cater for small and large engine displacement
- OEM quality injectors, performance guaranteed and long durability (290 million cycles)



INJECTOR RAIL

- Uncomplicated fitting
- assembled and leak tested at factory prior to despatch
- 2/3/4/5/6 cylinder assemblies



FILTER UNIT

- Compact design with single or dual delivery outlets
- Fitted with 10-micron (B10>75) dry gas filter protecting the fine tolerance of the injectors, from gaseous pollutants.
- Combined gaseous temperature and pressure sensor



VSI ECM

- ECM injector driver capability up to 8 cylinders
- Injector drivers based on "closed loop peak & hold current control"
- Injector diagnostics constant monitoring: - No load
- Overload
- Driver temperature
- Short circuit
- Diagnostics, service and parameter load software operates from Windows 98 / 200 / XP applications
- CAN-controller (2.0b) communications possible with OEM CAN-bus
- Complete wiring harness: color coded, with text and numbering to ensure simple and efficient installation



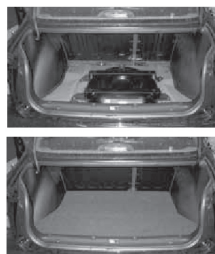
FUEL SELECTOR SWITCH

- Small and compact design suits all cabin interiors
- Fuel select: via smart touch control, informs operator of LPG tank contents, audible buzzer to alert low level switching or fault codes, illuminated fault code warning with LED

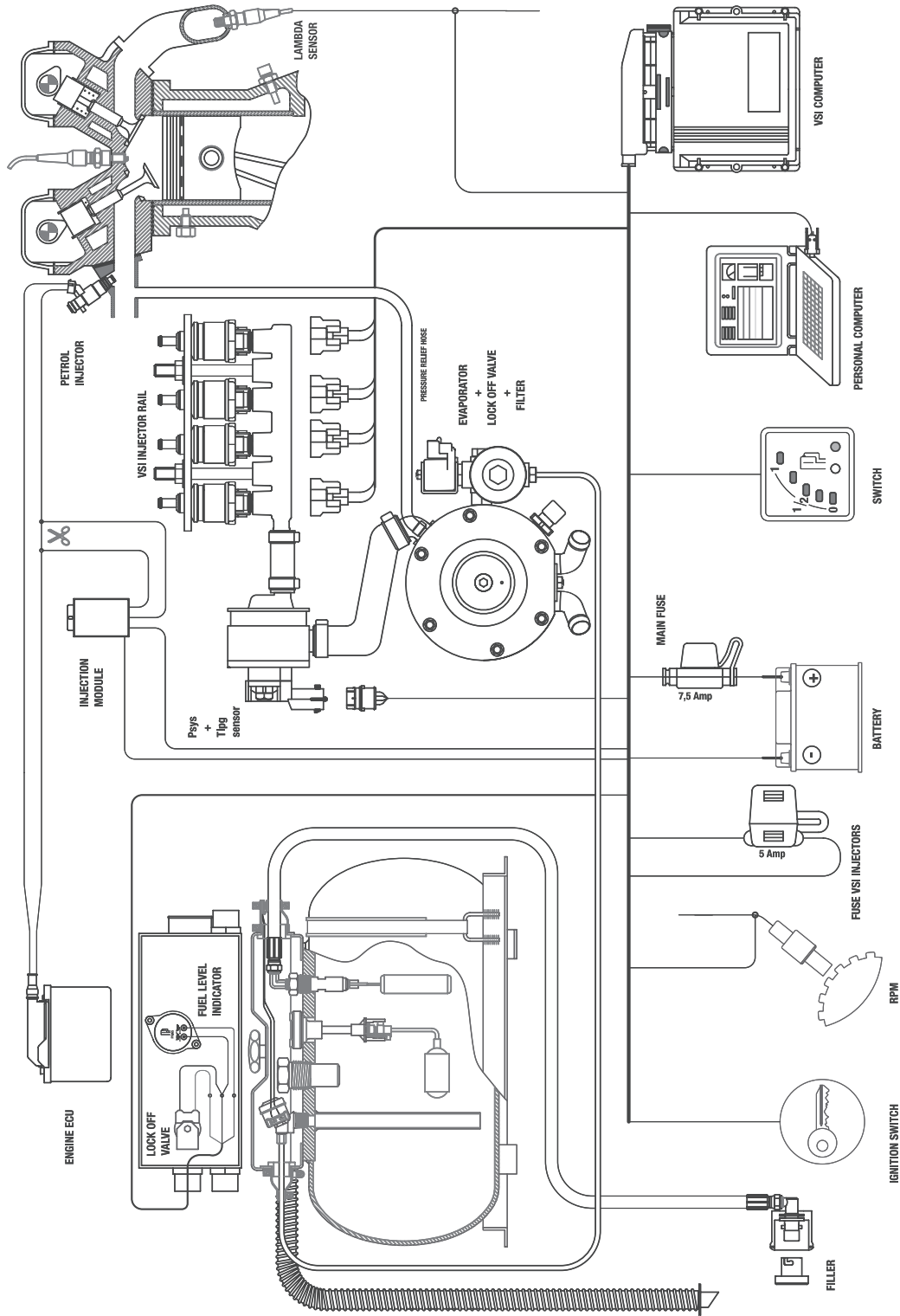


TANK DIMENSIONS

- Cylindrical tanks available: 30 ltr. – 230 ltr.
- Torodial space saving tanks available to suit all applications: 51 ltr. – 95 ltr.
- Spare wheel covers, flat tire repair available.



Prins
ALTERNATIVE FUEL SYSTEMS
Prins Autogassystemen b.v. | Jan Hilgersweg 22 | 5657 ES Eindhoven | Tel.: +31 (0)40 254 77 00 | Fax: +31 (0)40 254 97 49 | www.prins.eu | sales@prins.eu



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