



OWNER'S MANUAL

EL Series Bi-Lobe Refuelling Drum Pump

F20060

September 2026



READ INSTRUCTIONS BEFORE OPERATING

DESCRIPTION

The F20060 EL Series Bi-Lobe Refuelling Drum Pump is a high volume, manually operated, rotary action drum pump that delivers up to 100 L/min. It is designed for the refuelling of both on and off road vehicles and large machinery. The simple design of the F20060 allows easy servicing if required. The pump comes complete with delivery hose and includes a replaceable foot filter. * PLEASE NOTE: OIL GEARS BEFORE USE (SAE 30 oil is recommended for this purpose).

OPERATING INSTRUCTIONS

1. Oil Gears Before Use

Before using the F20060 high volume rotary refuelling pump, make sure that you fill the gear cover with oil. Fill with SAE 30 oil or equivalent to the reference line through the lubrication bolt hole (as indicated on the diagram). Inspect periodically.

2. Revolution Direction

The handle turns in a clockwise direction and the pump discharges one litre per one revolution of the handle.

3. Filter

A filter of #80 mesh polyethylene net is supplied as standard on the pump and is located at the bottom of the suction pipe. Rotating the handle and therefore operating the pump may become harder if the filter is clogged with impurities that may have been filtered out of the fuel or low viscosity oil. It is recommended that you remove the filter periodically and clean it with kerosene.

CAUTIONS

- Suitable liquids include most low viscosity liquids such as diesel, unleaded petrol, kerosene and low viscosity oils. Although the pump can be used to pump other liquids of high viscosity, the pump becomes harder to operate and doing so will shorten the life of the pump & may void the warranty.
- Do not use this pump for any solvent or chemical transfer as these liquids will dissolve the Buna N seals and gaskets, etc. (Use the 301-A, 401-A, 733 or 933 for solvents).
- Please note when pumping fuels like kerosene, petrol or diesel, these products tend to "dry out" the internals of the pump causing parts "to stick" and the pump not to prime and dispense. To stop this from happening and to increase the working life of your pump, we recommend that you lubricate the gears of the pump by dropping a few drops of oil into the pump body by taking off suction pipe F20060-35 & lubricating at this opening. After undertaking lubrication of the pump in such a manner, please rotate the handle a few times.
- Do not pump liquids containing dirt or particles such as waste oil. Strained liquids may block the filter, preventing discharge, which can damage the pump interior or cause other problems.



TECHNICAL SPECIFICATIONS

Uses	Diesel and low viscosity oils up to SAE 30
Discharge Quantity	1L per rotation / 100 L/min
Materials	Cast Aluminium, Buna N Seals
Weight	7kg
Size	Suction pipe: 1m x 32mm ID Delivery hose: 2.2m x 25mm ID

NSW/ACT (02) 9677 1555

WA (08) 9302 4199

QLD/PNG (07) 3491 2600

SA/NT (08) 8241 7111

VIC/TAS (03) 8787 8288

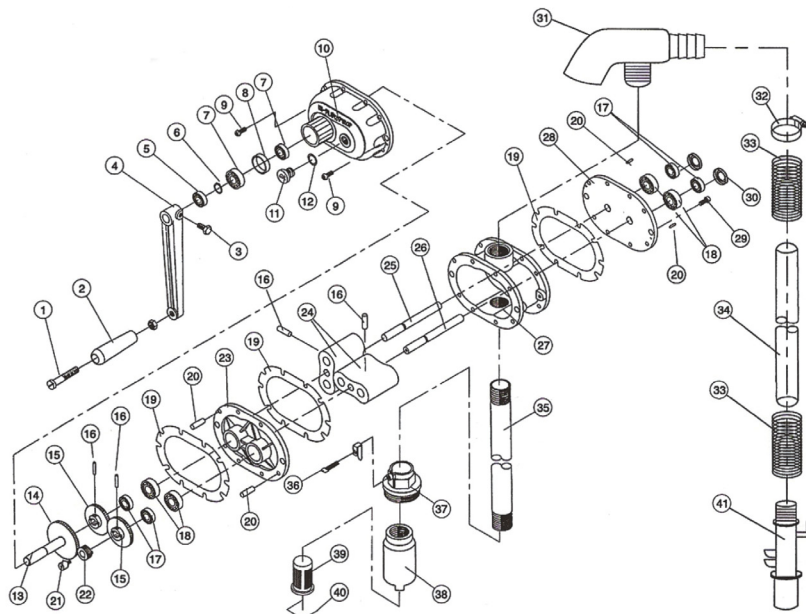
NZ (09) 447 1007

www.alemlube.com.au

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F20060



SPARE PARTS

ITEM	PART NO.	DESCRIPTION	QTY	ITEM	PART NO.	DESCRIPTION	QTY
1	F20060 - 1	Handle Rivet	1	22	F20060 - 22	Pinion Gear	1
2	F20060 - 2	Handle	1	23	F20060 - 23	Inside Cover	1
3	F20060 - 3	Hexagon Bolt	1	24	F20060 - 24	Rotor	2
4	F20060 - 4	Crank Arm	1	25	F20060 - 25	Rotor Shaft	1
5	F20060 - 5	Oil Seal	1	26	F20060 - 26	Rotor Shaft	1
6	F20060 - 6	Stop Ring	1	27	F20060 - 27	Housing	1
7	F20060 - 7	Bearing	2	28	F20060 - 28	Outside Cover	1
8	F20060 - 8	Bearing Collar	1	29	F20060 - 29	Screw	10
9	F20060 - 9	Screw	10	30	F20060 - 30	Bearing Cap	2
10	F20060 - 10	Gear Cover	1	31	F20060 - 31	Spout Holster	1
11	F20060 - 11	Lubrication Bolt Hole	1	32	F20060 - 32	Hose Clamp	2
12	F20060 - 12	O-Ring	1	33	F20060 - 33	Hose Spring	2
13	F20060 - 13	Reinforcement Shaft	1	34	F20060 - 34	Delivery Hose	1
14	F20060 - 14	Reinforcement Gear	1	35	F20060 - 35	Suction Pipe	1
15	F20060 - 15	Timing Gear	2	36	F20060 - 36	Thumb Screw	1
16	F20060 - 16	Pin	4	37	F20060 - 37	Bung Adaptor	1
17	F20060 - 17	Oil Seal	4	38	F20060 - 38	Filter Body	1
18	F20060 - 18	Bearing	4	39	F20060 - 39	Strainer	1
19	F20060 - 19	Cover Packing	3	40	F20060 - 40	Filter Stopper	1
20	F20060 - 20	Pin	4	41	F20060 - 41	Outlet Nozzle	1
21	F20060 - 21	Screw	1				

TROUBLESHOOTING

PROBLEM	SOLUTION
Handle fails to turn	Gears broken: Return for repair. Debris clogging pump: Overhaul & clean
Not priming / pumping	Impellar dry: lubricate at down tube / body point, turn handle a few times
Handle is hard to turn	Debris clogging pump: Overhaul & clean. Filter blocked: Clean the filter
Handle turns but no discharge	Gears broken / Shaft or pin broken: Return for repair

For Warranty Policies & Terms and Conditions refer to our website: www.alemlube.com.au

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