



OWNER'S MANUAL

Refuelling Drum Pump with Filter

5080AN

June 2026

! READ INSTRUCTIONS BEFORE OPERATING

DESCRIPTION

The Alemlube 5080AN Refuelling Drum Pump with Filter is a high volume, manually operated rotary action drum pump that delivers up to 100 litres per minute. It is designed for refuelling of both on & off road vehicles and large machinery.

The simple design of the 5080AN allows easy servicing if required.

The pump comes complete with delivery hose and includes a replaceable filter.

***PLEASE NOTE, OIL GEARS BEFORE USE. (SAE 30 oil is recommended for this purpose).**

SPECIFICATIONS

Uses	Diesel fuel, petrol, kerosene & low viscosity oils up to SAE 30
Discharge Quantity	1 litre per rotation / 100 litres per minute
Materials	Cast Aluminium, Buna N Seals
Weight	7.0kg
Size	Suction pipe: 1m x 32mm ID, Delivery hose: 2.2m x 25mm ID

OPERATING INSTRUCTIONS

1 Oil Gears Before Use

Before using model 5080AN 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 & top up periodically as required.

2 Revolution Direction

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

3 Filter

A filter of #60 mesh polyethylene net is standard on the pump & it 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 other similar impurities that have been filtered out of the fuel or low viscosity oil. Remove the filter periodically and clean with kerosene.

4 Cautions

Suitable liquids include most low viscosity liquids such as unleaded petrol, kerosene & 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 warranty.

Do not use this pump for any solvent or chemical transfer as these fluids will dissolve the Buna N gaskets, etc. (Use the 301-A, 401-A, 733, or 933 for stronger solvents).

Note: when pumping fuels like kerosene, petrol or diesel, these products tend to "dry out" the internals of the pump causing parts "to stick" & the pump not to prime and dispense. To stop this from happening and to increase the working life of your pump, we recommend you lubricate the vanes of the pump by dropping a few drops of oil into the pump body by taking off downtube (2000-42) & lubricating at this opening. Rotate the handle a few times.

Do not pump fluids containing dirt or particles such as waste oil. Contaminated fluids may block the filter, preventing discharge, & may damage the pump interior or cause other problems.



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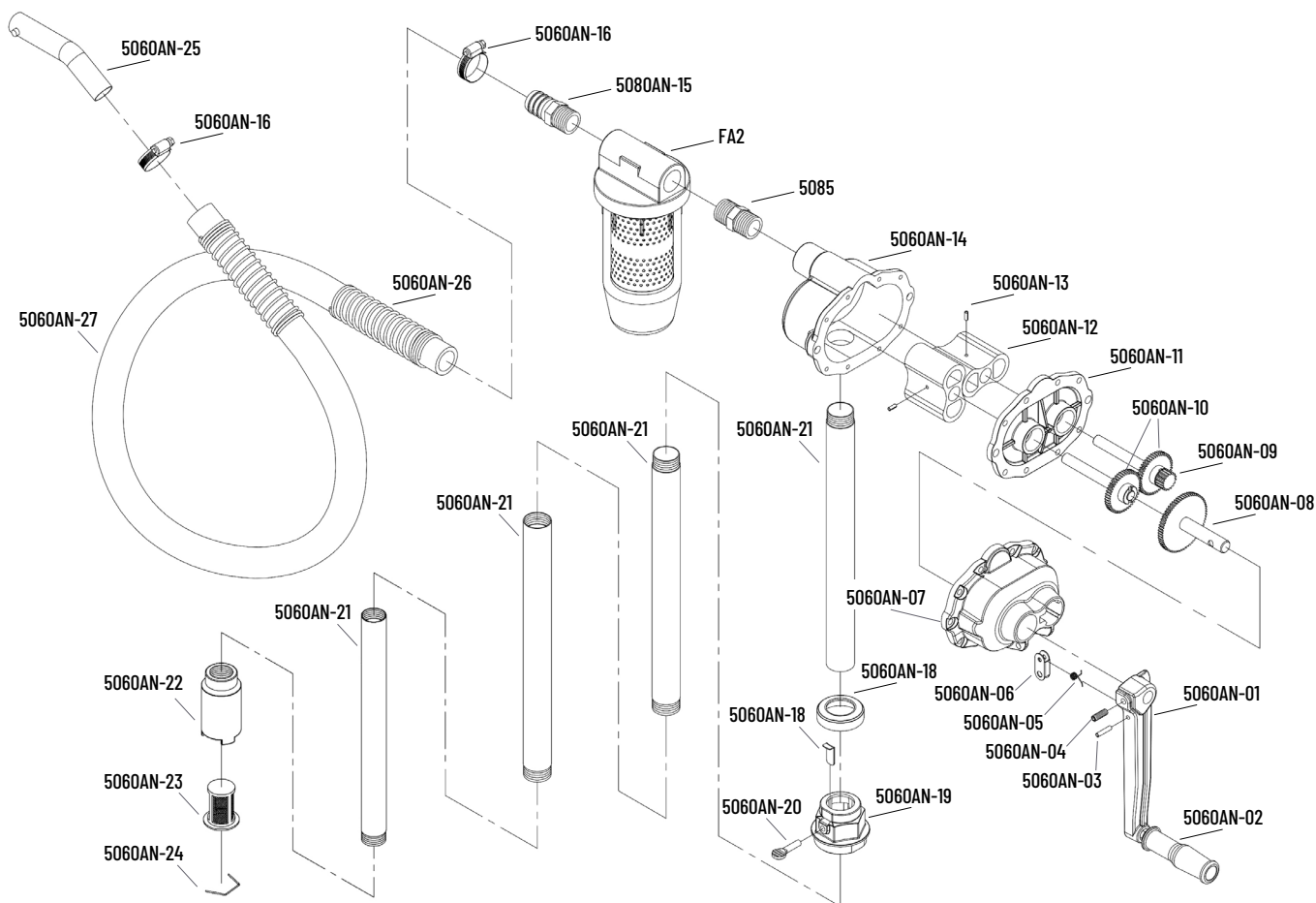




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ORDERING SPARE PARTS

No.	PART	QTY	No.	PART	QTY	No.	PART	QTY
5060AN-01	CRANK ARM	1	5060AN-11	INSIDE COVER	1	5060AN-21	SUCTION TUBE	4
5060AN-02	HANDLE	1	5060AN-12	ROOTS	2	5060AN-22	FILTER BODY	1
5060AN-03	PIN	1	5060AN-13	PIN	2	5060AN-23	STRAINER	1
5060AN-04	HEXAGON BOLT	1	5060AN-14	PUMP BODY	1	5060AN-24	FILTER STOPPER	1
5060AN-05	SPRING	1	5080AN-15	HOSE TAIL	1	5060AN-25	SPOUT	1
5060AN-06	LOCK BRACKET	1	5060AN-16	HOSE BAND	1	5060AN-26	RED RING	2
5060AN-07	GEAR COVER	1	5060AN-17	COVER	1	5060AN-27	DELIVERY HOSE	1
5060AN-08	REINFORCEMENT GEAR	1	5060AN-18	LOCKING PLATE	1	5085	1" BSP(m) NIPPLE	1
5060AN-09	PINION GEAR	1	5060AN-19	ADAPTAR SCREW	1	FA2	ALEMLUBE 1" BSP(f) FUEL FILTER	1
5060AN-10	TIMING GEAR	2	5060AN-20	THUMB SCREW	1			

TROUBLESHOOTING

PROBLEM	SOLUTION
Handle fails to turn	Gears are broken. Return for repair. Dirt, etc, clogging up the pump. Overhaul & clean.
Not Priming / Pumping	Impeller dry - lubricate at down tube / body point, turn handle a few times.
Handle is hard to turn	Dirt, etc, clogging up the pump. Overhaul & clean. Filter blocked. Clean the filter.
Handle turns but no discharge	Gears are broken. Shaft or pin broken. Return for repair.

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For Warranty Policies & Terms and Conditions refer to our website:
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