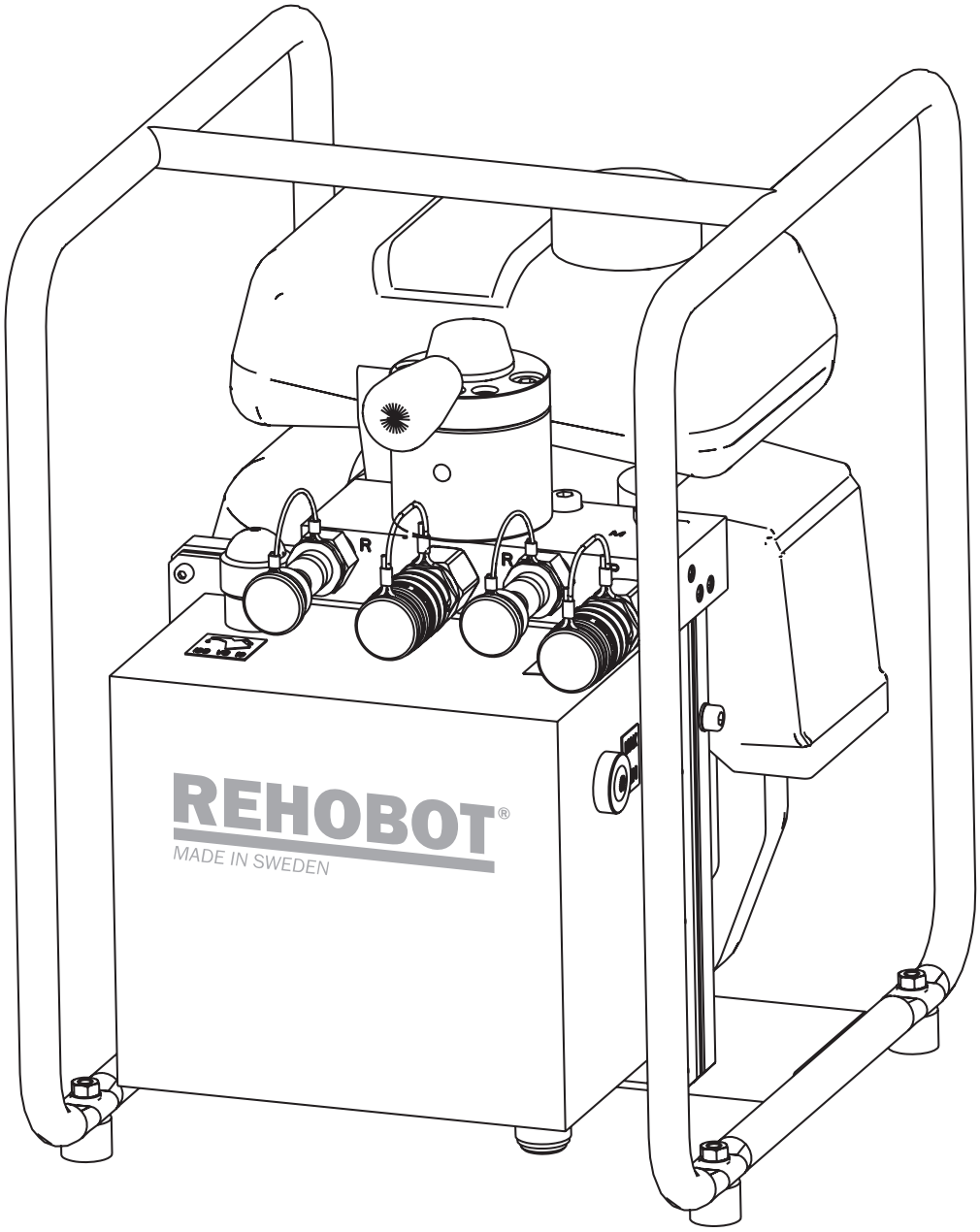
REHOBOT®

MADE IN SWEDEN

INSTRUCTIONS

Petrol driven pumps, PMP-2100-series



PMP70-2100MLS | PMP70-2100MLD

OPERATING INSTRUCTIONS

Subject to change without prior notice!
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Stopping the pump

1. Set the throttle to minimum and let the engine idle for a few seconds (Fig. 6, C).
2. Set the ignition switch to “OFF” (6, B) to stop the engine.
3. Turn the control valve to each end setting and then back to the centre position, N (Fig. 5).
4. Disconnect the tool.

Stopping the pump in an emergency

Set the ignition switch to “OFF” (Fig. 6, B) and the pump will stop.

NOTE, remember to depressurise the connected hoses and tools by turning the control valve to each of the end settings and then back to the centre position before disconnecting.

Operating at high altitudes

The standard air to petrol mixture is to rich to allow the engine to work at altitudes above 1500m.

The performance of the pump deteriorates and it will consume more petrol. An excessively rich mixture contaminates the spark plug which will make the engine difficult to start.

The engine must be adjusted in order to improve the performance at altitudes above 1500m. Contact your supplier to have the pump adjusted. The performance of the engine will deteriorate approx. 3,5% for every 300 metres the altitude is increased even if it has been adjusted.

NOTE! When the engine has been adjusted for high altitudes, the air and petrol mixture will be to lean for use on low altitudes (below 1500m).

For more information regarding the use on high altitudes please refer to the engine manufacturers manual.

Accessories

The pumps can be equipped with accessories such as a pressure gauge (e.g. REHOBOT AMT801) and quick couplings such as REHOBOT AQI7 (female) nd AQU8 (male).

Service/Maintenance

To ensure reliable operation and long life it is important that maintenance and servicing are carried out according to a fixed schedule.

For safety reasons it is important that the maintenance and servicing should be carried out by experienced personnel (trained to work with high pressure hydraulics). If any doubt contact your nearest authorised service agent or REHOBOT HYDRAULICS AB.

Always use original REHOBOT spare parts.

The following instructions covers normal maintenace and service, for detailed information regarding the servicing of petrol engine please refer to engine manufacturers instructions.

Maintenance and service are divided into daily maintenance (after use), maintenance after 10, 25, 50 and 100 hours in operation, as outlined in Fig. 7.

Service/Maintenance instructions

Checking the engine oil level (Fig. 3)
Place the pump on a level surface. Unscrew the oil filler plug and check the oil level using the dipstick attached to the plug (min. and max. levels are marked). Top up with oil if necessary. See the Technical description for recommended oil.

Checking the hydraulic oil level (Fig. 8)
To check the hydraulic oil level, first place the pump on a level surface. Then check the oil level through the level glass on the hydraulic oil tank (A). The oil is at the correct level when you can see the surface through the level glass. If necessary, top up the oil through the filler plug (B) on the tank. See the Technical description for recommended hydraulic oil.

Hydraulic oil that is drained (or leaks out) from the equipment and components and is replaced during servicing or repairs must be collected and disposed of in accordance with the relevant environmental laws and regulations.

Changing the hydraulic oil (Fig. 8)
Unscrew the oil filler plug (B). Then unscrew the drain plug (C) and drain off the oil. Once the oil has drained, replace and tighten the drain plug. Fill with new oil through the hole for the oil filler plug (B). The oil is at the correct level when you can see the surface through the level glass (A). See the Technical description for recommended hydraulic oil.

Hydraulic oil that is drained (or leaks out) from the equipment and components and is replaced during servicing or repairs must be collected and disposed of in accordance with the relevant environmental laws and regulations.

Changing the engine oil (Fig. 9)
Unscrew the oil filler plug (A). Then unscrew the crankcase drain plug (B) and drain off the oil. Once the oil has drained, replace and tighten the drain plug. Fill with new oil through the hole for the oil filler plug. Use the recommended grade and quantity of oil, see the heading Technical description.

Motor oil that is drained (or leaks out) from the equipment and is replaced during servicing or repairs must be collected and disposed of in accordance with the relevant environmental laws and regulations.

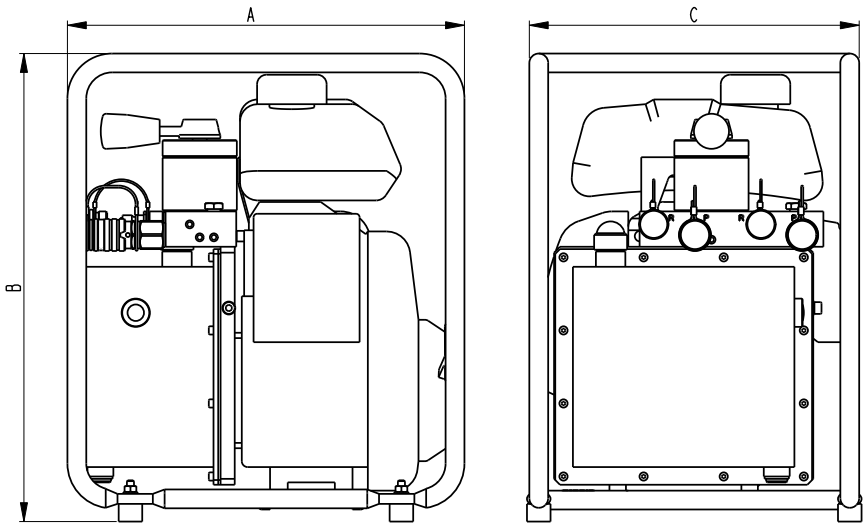
Cleaning the air filter (Fig. 10)
Release the two clips on the air filter cover (A). Remove the cover (B).by folding it downwards, lift the cover off the lower clips (E). Remove the filter cartridge (C) from the cartridge. Wash the filter with detergent and water. When the filter is completely dry, moisten it with engine oil. Squeeze out the surplus oil. Refit the filter.

Cleaning the spark plug and adjusting the electrode gap
Unscrew the spark plug from the cylinder. Clean the electrodes with a wire brush or the like. Adjust the gap between the electrodes according to Fig. 13. Screw the spark plug back into the cylinder. See the Technical description for the recommended spark plug.

Storage (long term)

The equipment should be stored in a dry, well ventilated area. Before storage carry out the following activities:

- Clean the pump.
- Empty the fuel tank.
- Drain the carburettor.
- Replace the engine oil.



A		B		C	
mm	in	mm	in	mm	in
337	13,3	397	15,6	280	11,0
337	13,3	397	15,6	280	11,0

Declared dual-number noise emmission values

Machine Model Number, Operating conditions, and other Identifying information

Type: **PMP** Model: **70-2100** Maximum working pressure: **70 MPa**

Declared dual-number´noise emission values (in accordance with ISO4871)

Meassured A-weighted emission sound

Pressure level L_{pA}, in dB re 20**m**Pa: **80**

Uncertainty, K_{pA}, in dB: **+/- 3**

Values determinated according to Annex B of EN13204 using the basic standards EN ISO3744 and EN ISO11201.

Fig. 1

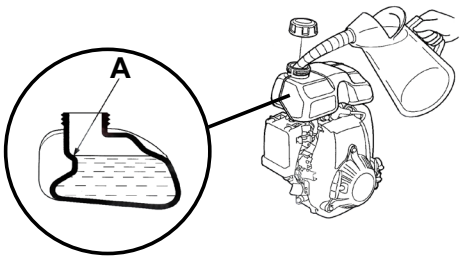


Fig. 2

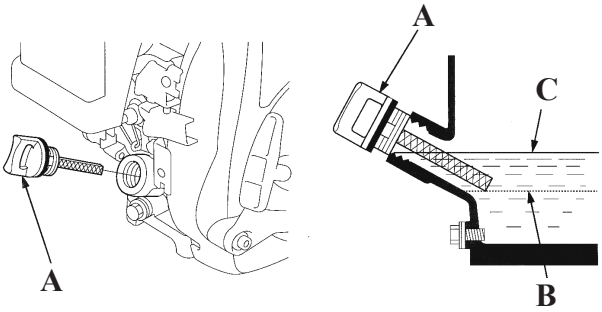


Fig. 3

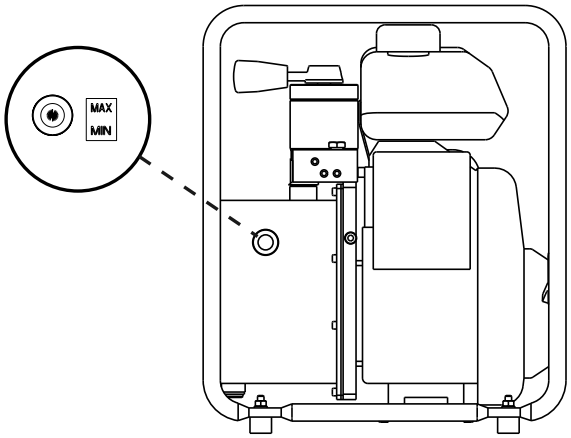


Fig 4

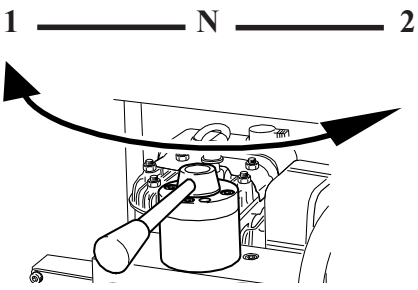


Fig 5

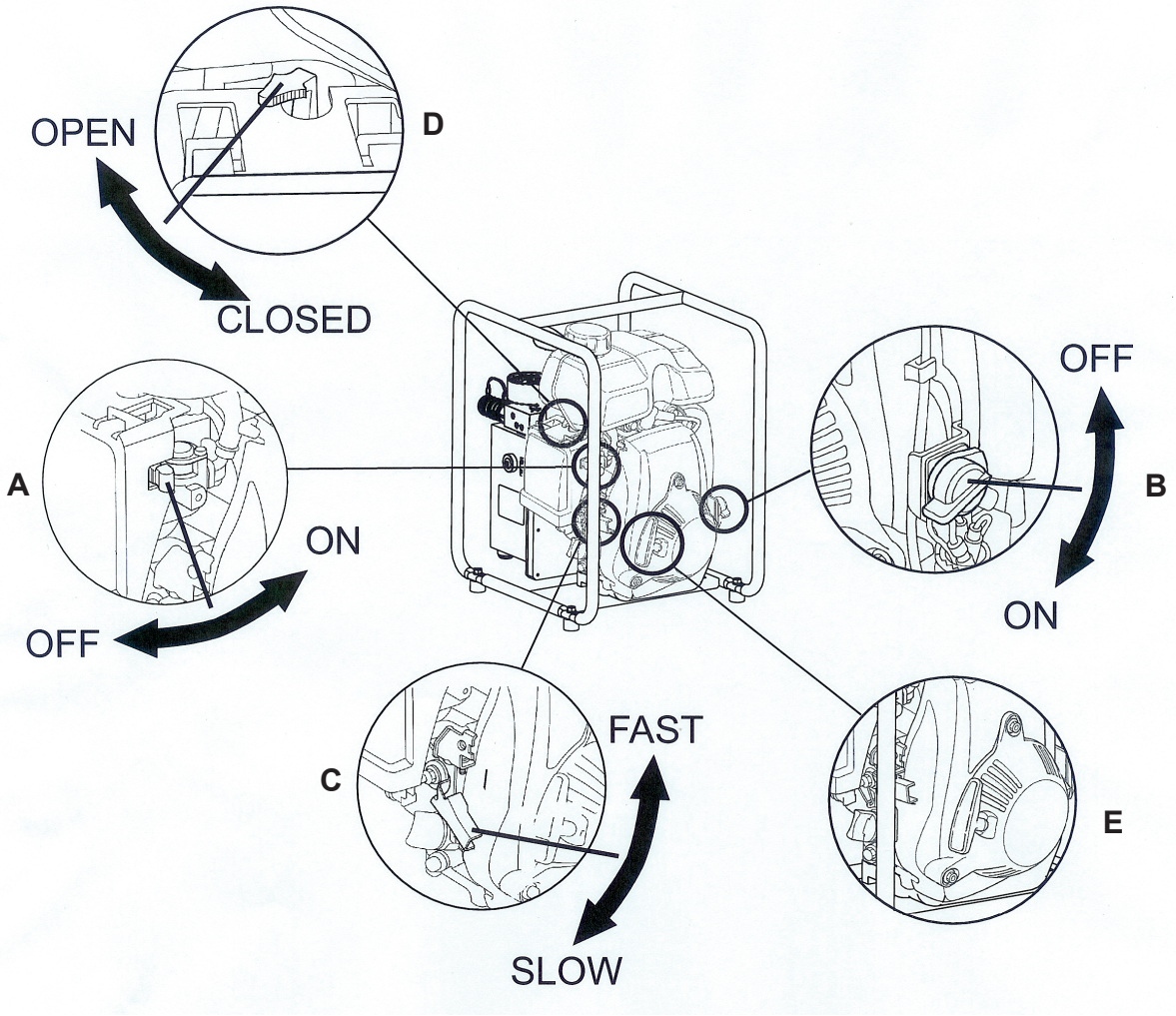


Fig. 6

	Dayly	25 hours	50 hours	100 hours	300 hours	Remark
Clan the pump	X					
Check for fuel leaks	X					
Check for oilleakage	X					
Check dustcovers oc couplings	X					
Check the hydraulic oil level	X					
Check the engine controls	X					
Clean the air filter		X				1
Change of engineoil			X			2
Check/cleaning of spark plug				X		
Change of hydraulic oil				X		3
Change of spark plug					X	

1) If the pump is used in a dirty or dusty environment, the filter may need to be cleaned more often.

2) The engine oil must be changed after the first 10 hours of operation.

3) The hydraulic oil must be changed at least every second year.

Fig. 7

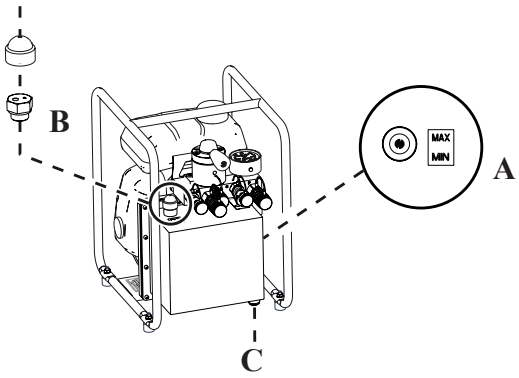


Fig. 8

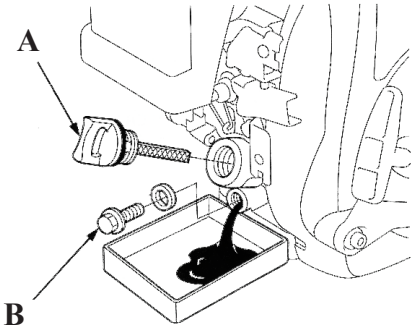


Fig. 9

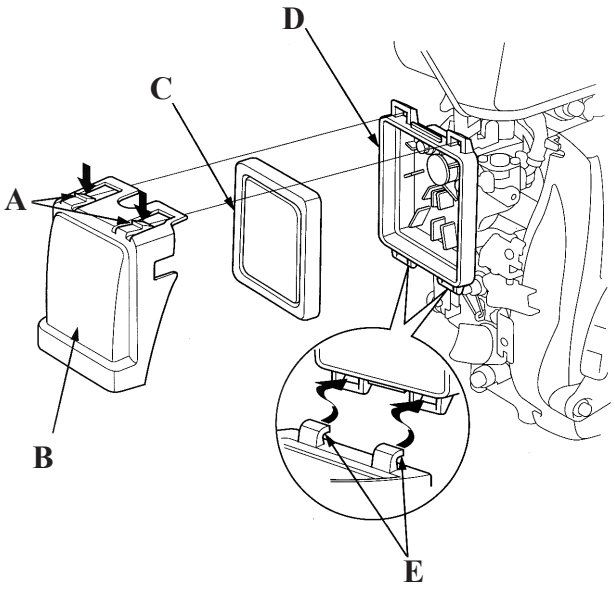


Fig. 10

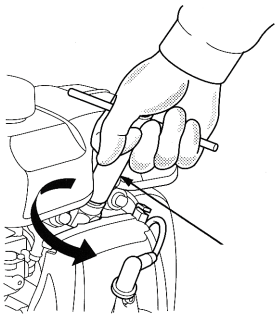


Fig. 11

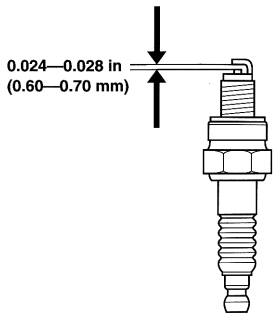


Fig. 12