

Maintenance recommendations after use (every time)

Wear full protective gear during maintenance !

Always act according to the safety instructions as supplied with each pump !

- Necessary equipment: soft cloth.



Step 1

- Check general condition DPU 31 C.



Step 2

- Check fuel level, refill if necessary.
- Check hydraulic oil level, refill if necessary.



Step 3

- Check couplers and dust caps for dirt and/or oil leakage.
- Clean couplers with a clean and soft cloth, if necessary with water and soap.
- If necessary grease with hydraulic oil.
- Check function couplers (see page 10).
- Reconnect loose dust caps to couplers.



Step 4

- Always turn the motor switch off.



Step 5

- Close the de-aeration button of the fuel cap by setting it in off position.



Step 6

- Storage: place the pump in a horizontal position.

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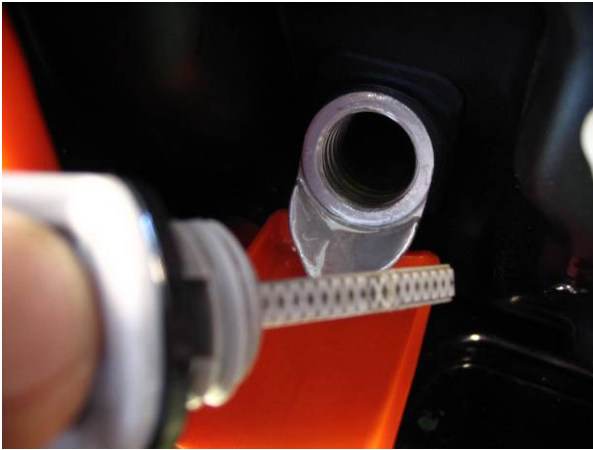
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Maintenance recommendations only after first 10 hours of use

Wear full protective gear during maintenance !

Always act according to the safety instructions as supplied with each pump !

- Necessary tools: Drainage container, engine oil, screw driver, soft cloth



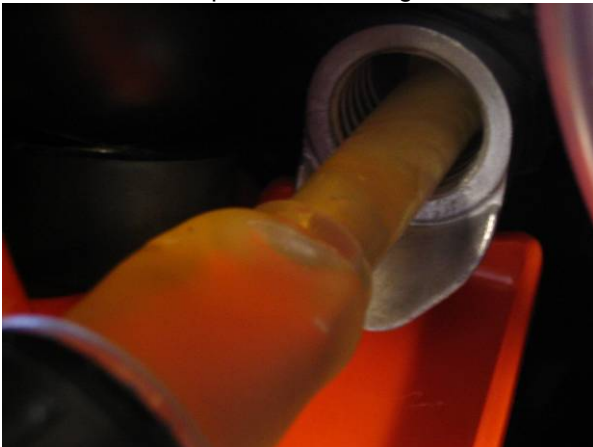
Step 1

- The engine oil should be drained while the engine is warm. Run the engine therefore 1 minute.
- Remove the service panel from the pump and remove the dip stick of the engine.



Step 2

- Put the pump over the edge of a bench.
- Remove the engine oil by tilting the pump slightly.
- Use a appropriate drainage container to collect the engine oil.



Step 3

- Make sure that the motor is filled to the maximum level when the pump is in horizontal position.
- Clean any spilled oil with a soft cloth.

Maintenance after six months (or after 50 hours of use)

Wear full protective gear during maintenance !

Always act according to the safety instructions as supplied with each pump !

- Necessary tools: Compressed air/brush, spark plug spanner 16/17, brass wire brush, screw driver.

Repeat steps 1 – 5 of the after use recommendations



Step 6

- Remove the cover of the air filter.
- Remove the both filters.
- Clean the filter cartridge with:
 - compressed air
 - a brush
 - warm water and soap, then dry it well

Note: Cleaning of the air filter should be done more often in dusty environments.



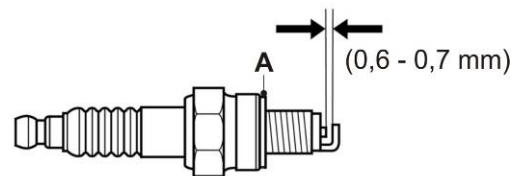
Step 8

- Clean the spark plug with a brass wire brush.



Step 7

- Remove the spark plug by using a spark plug spanner size 17.



Step 9

- Inspect the spark plug visually and replace it when the porcelain insulation is damaged or if the electrodes are burned in. Replacement spark plug Art.No. 150.581.715
- Check the adjustment between the electrodes, it must be between 0.6 and 0.7 mm. Adjust if the distance is out of range.
- Turn the spark plug manually into the engine.
- After it is screwed in by hand turn the spark plug another 180° when it is new or 90° when it is used.

Note: Never use a replacement spark plug with a different temperature range.