

**REPAIR & MAINTENANCE** | Single pump SPU 16 PC | **01D20**

**Maintenance instructions:**

**After use (every time)**

- Wear full protective gear during maintenance !
- Always act according to the safety instructions as supplied with each pump !



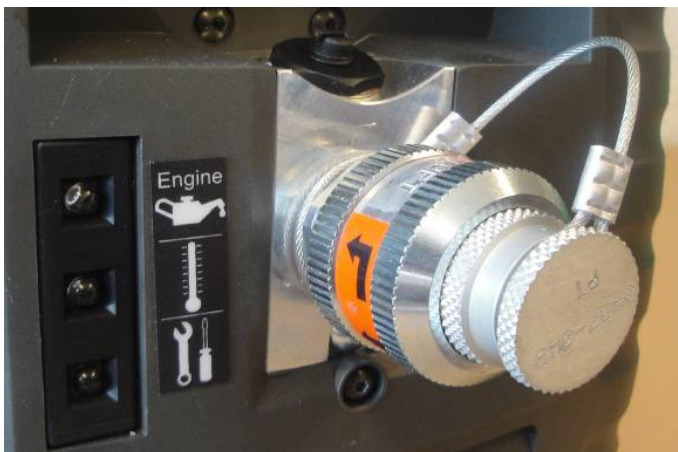
**Step 1**

- Check general condition SPU 16 PC.



**Step 2**

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



**Step 3**

- Check coupler and dust cap for dirt and/or oil leakage.
- Clean coupler with a clean and soft cloth, if necessary with water and soap.
- If necessary grease with hydraulic oil.
- Check function coupler (see page 9).



**Step 4**

**Storage:**

- Place the pump in a horizontal position.
- Always turn the motor switch off. (0)
- Close the de-aeration button of the fuel cap by setting it in **OFF** position.



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**Maintenance instructions:**

**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 !



**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**

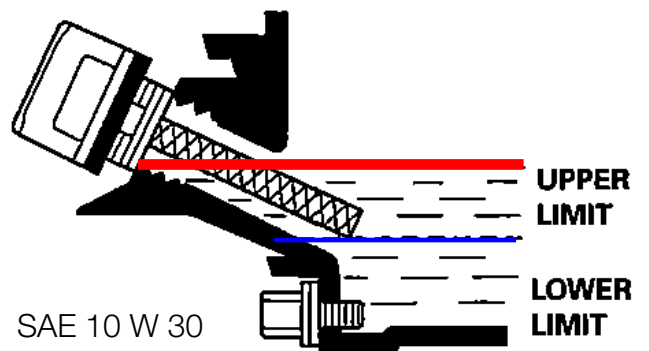
- Put the pump over the edge of a bench.
- Remove the engine oil by tilting the pump slightly.
- Use an appropriate drainage container to collect the engine oil.
- Clean any spilled oil with a soft cloth.

*Note: an appropriate drainage container can be made out of an old 1 litre hydraulic oil container.*



**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.





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**Maintenance instructions:** **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 equipment: Compressed air, spark plug spanner 16/17, brass wire brush,

**Repeat steps 1 – 4 of the after use recommendations**



**Step 5**

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

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



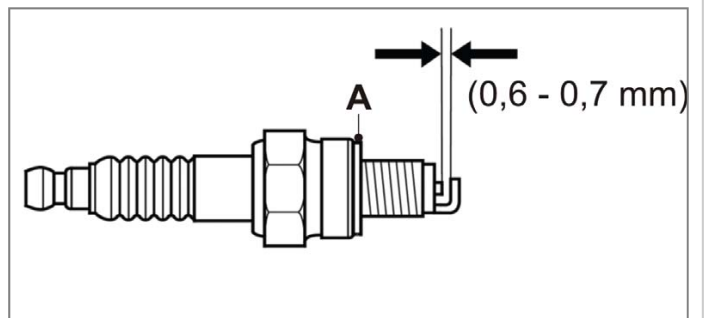
**Step 6**

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



**Step 7**

- Clean the spark plug with a brass wire brush.
- Inspect the spark plug visually and replace it when the porcelain insulation is damaged or if the electrode is burned in.



**Step 8**

- Check the clearance between the electrodes, it must be between 0.6 and 0.7 mm. Adjust if the distance is out of range.
- Screwed the spark plug manually into the engine.
- thereafter 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.*