



REPAIR & MAINTENANCE | Spider range pumps |

Maintenance instructions:

After use (every time)

- **To be used for red Spider range pumps.**
- **Wear full protective gear during maintenance !**
- **Always act according to the safety instructions as supplied with each pump !**

Necessary equipment: soft cloth (also check list page 7).



Step 1

- Check general condition of the pump.
- In case of electrical engine: check connection wire for damage. Replace if the insulation is damaged.
- Storage: Place the pump in a horizontal position.



Step 2

- Check coupler(s) and dust cap(s) for dirt and/or oil leakage.
- Clean coupler(s) with a clean and soft cloth, if necessary with water and soap.
- If necessary grease with WD40 or hydraulic oil.
- Check function coupler(s), see page 14.
- Reconnect loose dust cap(s) to coupler(s).



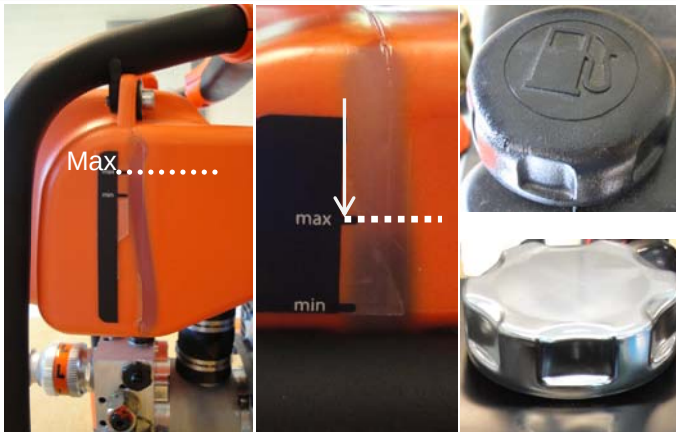
Step 3

- Traditional couplers only: check if the lock ring on the outside of the swivel is still firmly attached.
- Replace when broken, corroded, bend or missing.



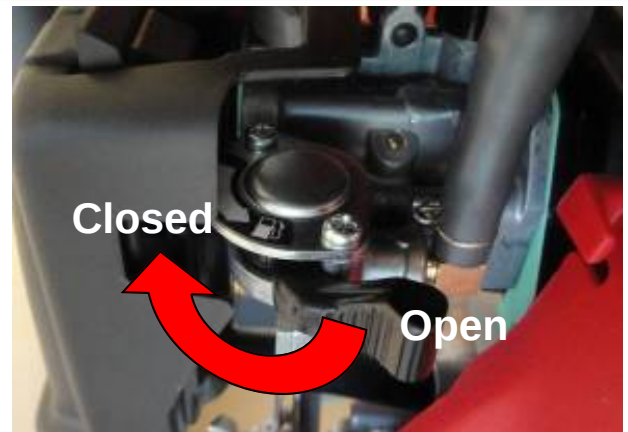
Step 4

- Check the rubber connection tube between the tank and flange. Replace if damaged or when leaking.
- Check if the clamps are still fastened.

**Step 5**

- Check hydraulic oil level, refill if necessary to the maximum level.
- Check fuel level, refill the fuel tank if necessary.

Note: Always refill fuel level to MAX.

**Step 6**

- Close the fuel line after use!

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Maintenance instructions:

After first 10 hours of use

- **To be used for all Spider range pumps.**
- **Wear full protective gear during maintenance !**
- **Always act according to the safety instructions as supplied with each pump !**

Necessary equipment: Open end / ring spanner No. 10 / 12, drainage container, funnel, engine oil (check list page 12).

Repeat step 1-6, of the after use maintenance recommendations.


Step 7

- Replace engine oil trough dipstick opening. Collect the engine oil in an appropriate drainage container.
- Alternative: Remove drain plug with an open end / ring spanner to drain the oil.


Step 8

- Refill the engine with engine oil.
- Make sure that the pump is in horizontal position when checking the engine oil level.
- Fill the engine with engine oil to maximum level.

