



Boyle Road  
Corby  
Northamptonshire  
NN17 5XU  
England

Tel: 00 44 (0) 1536260338  
Fax: 00 44 (0) 1536263972  
Email: [enquiries@briggsirrigation.co.uk](mailto:enquiries@briggsirrigation.co.uk)

---

## Pump Unit Service List

### Essential Pre-Winter Checks:

1. Clean down the pump unit
2. Check/change engine oil, oil filter, fuel filter, air filter, coolant system and fan belt – see maintenance procedure and schedule.
3. Check for any perished hoses and replace as required.
4. Remove drain plug from pump and drain water.
5. Drain water from nylon pipes connected to the pressure gauge in the control unit.
6. Check the oil in the pump and replace with oil recommended by the manufacturer (see manual).
7. Check that the Seals in the suction and delivery pipework are not damaged and replace as required.
8. Seal the suction and delivery pipework on the pump to prevent rodent or bird access.
9. Leave all valves open to allow any water to drain freely.
10. Remove the back plate on the electric primer, check the vanes and bearing and replace if required. Clean and lubricate with hydraulic oil ISO32.
11. Remove the vacuum chamber, clean and reassemble (on auto-start models also check the level sensor). Drain the flexible hose from the primer pump to the vacuum chamber.
12. Turn the rotating parts on the pump at regular intervals (every 3 to 4 weeks) to prevent them from seizing in one position.
13. Lower the jacks to take the pressure off the tyres and prevent cracking. At the beginning of the next irrigation season, check the tyre pressures and inflate as appropriate before raising the jacks.

For any other service/maintenance enquiries please contact Briggs Irrigation on:

Tel: 01536 260338

E-mail [enquiries@briggsirrigation.co.uk](mailto:enquiries@briggsirrigation.co.uk)

Service completed by: \_\_\_\_\_

Date: \_\_\_\_\_