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Hosereel Mounted Boom Service List

Type Serial Number.....

1. Check the boom sections for straightness and straighten or replace as required
2. Grease the front wheel steering kingpin.
3. Dismantle rear wheel hubs and check wheel bearings. Replace bearings and seals as required and repack with grease. Assemble hubs and tension wheel nuts.
4. Remove front axle and wheel being careful not to lose any spacers or nylos rings. Check front wheel bearing and replace if necessary. Check Nylos rings (if fitted – only on booms from 2010-13). Check axle for wear, clean off any corrosion and then grease / reassemble. Note: Be careful with the nylos rings they should be filled with grease on the inside but must not be bent during assembly.
5. Central spinning joint seal replace as required and grease turntable (if applicable).
6. Check boom 'O' rings between the boom sections and replace as required. Use Loctite 480 to glue in place.
7. Unfold the boom and check all locking catches have the correct tension. Adjust by rotating the mating cam. Grease all locking catch hooks.
8. Check condition of hoses and clamps and replace as required.
9. Check tension on end section wire and adjust if necessary so that the boom folds into the centre of the support bracket.
10. Manually check smooth operation of ball valves, rotator jets and sprinklers and ensure valves are open.
11. On hydraulic raising booms grease the rollers and the roller shafts and store with the ram in the closed position.

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

Tel: 01536 260338

E-mail enquiries@briggsirrigation.co.uk

Service completed date:/...../..... by engineer name: