

MAXON

MAINTENANCE CHECKLIST

MODEL: **RC-2,3,4,5,6**
Railift Series

Date:	Branch #:
Vehicle #:	Liftgate S/N:
Vehicle Mileage:	Technician:

The following preventive maintenance checklist is a guide to use in the normal, scheduled service of the MAXON Heavy Duty Railift Series liftgates. Please be aware that a thorough visual inspection of the liftgate is a key step in this maintenance procedure. Caution should be taken to insure that all fasteners (roll pins, bolts, screws, etc.) are in place and secure, and that there are no broken welds or damage to the structure of the liftgate. The liftgate should operate smoothly, and the only noise heard during the operation should be from the hydraulic pump unit when raising or lowering the liftgate. Any scraping, grating or other audible suggestions of rough running should be investigated. The cause should be identified and corrected before further deterioration occurs.

For more detailed info, see the product Maintenance Manual.

Use only MAXON Factory Authorized Parts for parts replacement.

Perform Every 120 Days Maximum

Note: Technician to initial on line, and mark box: "√" = OK, "A" = Adjusted, "R" = Repaired

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|---|------------------------------|---|------------------------------|
| 1. Visual Inspection
(Inspect liftgate structure for loose or missing bolts, roll pins, screws, cracked welds or other damage.) | ___ <input type="checkbox"/> | 5. Check hydraulic system for leaks.
(Hoses, fittings, cylinder(s), etc.) | ___ <input type="checkbox"/> |
| 2. Grease all zerk fittings, and lube all areas of rotation. (See Fig. 1.) | ___ <input type="checkbox"/> | 6. Inspect electrical wiring for corrosion, tightness and undamaged insulation. | ___ <input type="checkbox"/> |
| 3. Oil Emergency Brake Assembly.
(See Fig. 1-1.) | ___ <input type="checkbox"/> | 7. Inspect wire ropes.
(Replace if 6 or more wires are broken in any 2 1/2" distance. See Fig. 2.) | ___ <input type="checkbox"/> |
| 4. Check oil level in reservoir.
(With liftgate on ground, oil should be 1" from top of tank. Use Mobil SHC ATF or acceptable cold weather hydraulic oil.) | ___ <input type="checkbox"/> | 8. Inspect sheaves for wear or damage. | ___ <input type="checkbox"/> |
| | | 9. Check platform safety devices for operation. (See Fig. 1-2.) | ___ <input type="checkbox"/> |
| | | 10. Check Operation Decals. (See Fig. 3) | ___ <input type="checkbox"/> |

Every 12 Months of Operation

It is recommended that every 12 months the hydraulic system be flushed and the hydraulic oil replaced with Mobil SHC ATF, or equivalent. Hydraulic oil can become contaminated with water or dirt effecting the performance and component life of the liftgate.

