

MAXON BMR & BMR-A LIFTGATE PREVENTATIVE MAINTENANCE CHECKLIST

PM Interval: 3 Months

Date: ___ / ___ / ___

Equipment: _____

W/O # _____

Location: _____

Mechanic: _____

Serial # _____

Model # _____

Check Appropriate Box. "✓"

MAXON 1st, 2nd and 3rd Quarter Liftgate PM Procedures				
Satisfactory	Repair Required	Corrected	1	Verify if the Quarterly or Annual PM is due by checking the PM sticker on the Roadside Liftgate Column
Satisfactory	Repair Required	Corrected	2	Check for oil leaks at: cylinders, fittings, hoses, valves, oil filter and fittings inside of pump box
Satisfactory	Repair Required	Corrected	3	Check for damage: bent ramps, platform, column, runners and hydraulic tubes
Satisfactory	Repair Required	Corrected	4	Check for loose or missing nuts, bolts, covers, roll pins, screws and pins
Satisfactory	Repair Required	Corrected	5	Check for cracked welds at: columns, runners, platform, chain arms, pump box and door frame
Satisfactory	Repair Required	Corrected	6	Check platform lowering speed: Range is 15-25 seconds. Check "D" valves for proper operation
Satisfactory	Repair Required	Corrected	7	Check platform pins and couplers. Check roller assemblies
Satisfactory	Repair Required	Corrected	8	Check platform raising speed: Range is 20-40 seconds
Satisfactory	Repair Required	Corrected	9	Check open and close speed: Range is 4-7 seconds in either direction. Adjust if necessary
Satisfactory	Repair Required	Corrected	10	Check switches, circuit breaker and wiring connections at the gate as well as inside pump box. Also check ground straps
Satisfactory	Repair Required	Corrected	11	Check the gear pump for unusual noise. I.e.. Squealing or extreme RPM output
Satisfactory	Repair Required	Corrected	12	Checking Oil Level: Gravity Down With the liftgate open and on the ground the sight glass should be at half level. Power Down Open liftgate and raise to bed height the sight glass should be at half level. Check for contamination, change if needed
Satisfactory	Repair Required	Corrected	13	Check batteries: load test, corrosion, cables, hold downs and water level
Satisfactory	Repair Required	Corrected	14	Dual pump units: Please switch the selector switch to opposite assembly at each PM
Satisfactory	Repair Required	Corrected	15	Check chains for twisting
Satisfactory	Repair Required	Corrected	16	Check operation of cart stop ramps
Satisfactory	Repair Required	Corrected	17	Check all charging and ground cable connections
Satisfactory	Repair Required	Corrected	18	Complete a new PM sticker and install it on the roadside column of the liftgate. The next PM date is 3 months from the completed PM date. Indicate on the PM sticker if 1 st , 2 nd , 3 rd or 4 th PM

MAXON 4th Liftgate PM. Note: Includes steps 1-18				
Satisfactory	Repair Required	Corrected	19	Replace spin on filter in pump box. Change hydraulic fluid
Satisfactory	Repair Required	Corrected	20	Inspect wear on slide pads. See if shimming is required

For more detailed information please refer to the product maintenance manuals. Use only Genuine Maxon Replacement Parts for all repairs.