



C. MAINTENANCE SCHEDULE

Under normal operating conditions, maintenance inspections are required at least every six months (1750 cycles) and a thorough inspection should be performed at service intervals referenced in Table 3-1. Service should be increased under conditions of heavier use (more than 10 cycles per day).

TABLE 3-1: MAINTENANCE SCHEDULE	
SERVICE POINT	ACTION TO PERFORM
10 CYCLES	
Overall condition	Listen for abnormal noises as lift operates (i.e. grinding or binding noises.)
Control pendant	Verify that control pendant is undamaged and cable connector is tight.
Threshold warning system	Verify that system properly detects objects in threshold area and actuates the audible alarm.
Bridgeplate load sensor	Verify that sensor inhibits downward movement of platform when a weight is present on lowered bridgeplate.
150 CYCLES	
Electrical wiring	Inspect electrical wiring for frayed wires, loose connectors, etc.
Vehicle interlock	Place vehicle in non-interlock mode and verify that lift does not operate.
Decals	Verify that lift decals are properly affixed, clearly visible, and legible. Replace, if necessary.
Armrests	Verify that armrest fasteners are properly tightened.
Lift mounting points	<ul style="list-style-type: none"> Verify that vehicle mounting and support points are undamaged. Verify that mounting bolts are sufficiently tight and free of corrosion.
Main lifting pivots	Verify that link pins on arms are properly installed, free from damage, and locked in position.
Platform pivot points	Verify that platform moves freely, without binding, and does not wobble.
Bridgeplate	<ul style="list-style-type: none"> Verify that bridgeplate operates without binding during lift functions. Verify that bridgeplate deploys fully when platform stops at floor level. Verify bridgeplate rests flat against baseplate.
Front rollstop	<ul style="list-style-type: none"> Verify that rollstop is opened completely when platform is at ground level. Verify that rollstop closes and locks when platform leaves ground.
Hydraulic power unit	<div style="text-align: center;"> CAUTION</div> <p>Check and add fluid when platform is at ground level. Fluid that is added when platform is raised will overflow when platform is lowered.</p> <ul style="list-style-type: none"> Verify that pump hydraulic fluid level is at FULL mark when platform is at ground level. Add Texaco 01554 Aircraft Hydraulic Oil or equivalent U.S. mil spec H5606G fluid. Verify there are no hydraulic fluid leaks. Verify that manual backup pump operates properly.
1800 CYCLES	
Cleaning and lubrication	<ol style="list-style-type: none"> Clean lift with mild soap and water and wipe dry. Prevent rust by coating all surfaces with a light weight oil. Remove excess oil. Spray penetrating oil (Curtisol® Red Grease 88167 or WD-40®) where specified following directions on container. Remove excess grease from surrounding areas.
<div style="text-align: center;"> CAUTION</div> <p>A Ricon authorized dealer must perform the following safety check.</p>	
3600 CYCLES	
Hydraulic cylinder, hoses and fittings	<ul style="list-style-type: none"> Check hydraulic cylinder for evidence of leaks. Inspect hydraulic hoses for damage. Verify that all fittings are tight.
END OF TABLE	