United Rentals

PM Worksheet – Scissor Lift

Unit Number	PM Type: (A, B, C, or R - Ready)	Serial Number	Work Order Number	Branch Number

Hour Meter or Odometer	Make	Model	Customer Name / Number	Date

Maintaining The Best Equipment For Our Customers

Instructions: Perform all items for the appropriate PM inspection as indicated by non-shaded areas in columns A, B, or C.

Important: A Inspections = Quarterly Inspections. B Inspections = Annual Inspections.

Rental Ready Inspection items are indicated by non-shaded areas in column R.

Mark the appropriate Worksheet Code after each inspection item in the applicable column.

Worksheet Codes:	✓ = OK, Adjusted, or Serviced	**X** = Not Applicable	**F** = Follow Up Needed

	Intervals:	R	A	B
	Visual Inspection			
1.	Inspect jobsite / work area for potential overhead and other hazards			
2.	Inspect overall appearance, condition, and check for damage			
3.	Inspect fluid levels and inspect for external leaks			
4.	Inspect for missing components and unauthorized modifications			
	Engine			
5.	Inspect engine mounts			
6.	Check engine oil change interval by type on Maintenance Information Center. Change engine oil and filter if required. Check off Step 1401 in F8 Work Order screen			
7.	Change fuel filters / service fuel-water separator			
8.	Inspect air filter restriction gauge			
9.	Inspect air induction system			
10.	Clean air filter dust valve			
11.	Inspect belt condition, alignment, and tension			
12.	Inspect idler pulleys			
13.	Inspect cooling fan, shroud, and water pump condition			
14.	Inspect and clean radiator and oil cooler fins if needed			
15.	Pressure test radiator and cap			
16.	Test coolant protection level			
17.	Change coolant (and coolant filters if applicable)			
18.	Inspect exhaust system			
19.	Ensure engine idle, throttle, and RPM are set properly			
20.	Inspect hoses			
21.	Inspect fuel system			
22.	Check charging system output			
	Transmission / Drive Train			
23.	Check fluid level in torque hubs			

	Intervals:	R	A	B
	Transmission / Drive Train (continued)			
24.	Change fluid in torque hubs			
25.	Inspect axle bearings. Replace seal if necessary			
26.	Test freewheeling functionality			
	Electrical Systems			
27.	Ensure emergency stop switches, safety lock outs, and mechanisms at the ground and platform control stations stop platform movement and all functions			
28.	Inspect battery charger for proper operation			
29.	Inspect battery hold downs			
30.	Perform battery load test			
31.	Inspect all visible electrical cords, cables, wires, and connections			
	Platform Assembly			
32.	Inspect that platform is installed and secure			
33.	Inspect lanyard anchorage points, platform guardrails, floor, gate, and latches			
34.	Inspect extend deck			
	Hydraulics			
35.	Inspect all areas around hydraulic components			
36.	Ensure that hydraulic oil is free of contaminants and hydraulic filter is clean			
37.	Change hydraulic filters			
38.	Change hydraulic oil			
39.	Check that all hydraulic pressures and settings are properly adjusted			
40.	Inspect all hoses, pipe clamps, and retaining hardware			
41.	Inspect tank, sight glass, and cap system			
	Tires and Wheels			
42.	Inspect wheel, rim condition, and proper tightness of lug nuts			
43.	Inspect tire condition and inflation			
44.	Inspect and repack wheel bearings			

	Intervals:	R	A	B

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(Continued)

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	Chassis			
45.	Check steer, drive, and axle components			
46.	Inspect leveling jacks or stabilizers			
47.	Check condition of hydraulic tray and battery/engine compartment covers			
48.	Inspect pothole protection system			
49.	Verify that static strap is in place			
	Functions and Controls			
50.	Inspect instruments, switches, accessories, gauges, horn, and lights			
51.	Inspect controls			
52.	Check all function cut-outs, speed cut-outs, and limit switches			
53.	Check that function enable system operates properly per manufacturer specifications			
54.	Check manual descent system and/or auxiliary power system			
55.	Test braking system (stationary and travel)			
56.	Inspect alarms and safety devices			
57.	Inspect functionality of tilt/level sensor			
58.	Drive and operate machine to test all machine functions including speed functions			

	Structural			
59.	Verify oscillating axle and components operate properly			
60.	Inspect scissor arms			
61.	Check scissor stack safety prop			
62.	Inpsect all visible nuts, bolts, shafts, shields, bearings, pins, attaching hardware, and locking devices			
63.	Inspect scissor arm pads and sliding blocks			
64.	Inspect structural condition and all welds			
	General			
65.	Check for open safety and service campaigns and bulletins			
66.	Check for Preventive Maintenance (PM) steps up to date			
67.	Inspect condition and placement of all required decals			
68.	Verify ANSI/SIA Manual of Responsibilities, Operators and Safety Manual, and AEM Handbook are in manual box			
69.	Grease and lubricate all pivot pins, pivot points, hinges, and linkages			
70.	Record inspection date on frame mounted decal			
71.	Perform all other inspections and services required by manufacturer or regulatory agencies			
72.	Affix PM Due decal to equipment			

Intervals:	**R**	**A**	**B**

Follow Up Worksheet

Instructions: List all follow-up items resulting from the Inspection using the corresponding item number from the inspection worksheet.

The Technician who completes the follow-up repair must enter the appropriate Code and his or her initials.

Worksheet Codes: ✓ = Repaired **OK** = Reinspected and found OK

#	Description of Follow Up	✓ or **OK**	Repaired By Initials

Verification of Preventive Maintenance: This Preventive Maintenance Inspection and follow up repairs were completed in accordance with applicable manufacturer procedures, guidelines, and specifications.

Verified By – Name (print)	Verified By – Signature	Date

Retention Period: PM = 10 years from sale of equipment
Ready Inspection = 3 months