

LIFT-U[®]

A DIVISION OF HOGAN MFG., INC



LU12
STEP / PLATFORM LIFT
PREVENTATIVE MAINTENANCE
SCHEDULE

LIFT-U® LU12 STEP / PLATFORM LIFT PREVENTIVE MAINTENANCE SCHEDULE					
DAILY	6 WEEKS	6 MONTHS	OTHER	MANUAL SECTION REF.	ITEM DESCRIPTION (manual sectional references where applicable)
✓					CYCLE LIFT
	✓ ✓			VISUAL VISUAL	INSPECT HANDRAILS: A - STRUCTURAL INTEGRITY B - CRACKS IN THE TUBING
	✓ ✓ ✓ ✓ ✓ ✓ ✓	✓ ✓		VISUAL S5 - 8 S5 - 49 S5 - 49 S5 - 20 VISUAL S4 S5 - 49 S5 - 49 S5 - 49	INSPECT RAMP/BARRIER, LINKAGE, AND CYLINDER: A - STRUCTURAL INTERGRITY OF BARRIER B - BARRIER ANGLE C - PIVOT POINTS FOR DAMAGE OR WEAR D - STRUCTURAL INTEGRITY OF LINKAGE E - CYLINDER ATTACHMENT BOLTS F - HYDRAULIC HOSES/FITTINGS FOR LEAKS G - LUBRICATION 1 - LINKAGE (LUBE WITH ANTI-SEIZE, P/N 515-0007) 2 - LINKAGE PINS (LUBE WITH ANTI-SEIZE, P/N 515-0007) H - BARRIER LATCH PIIN FOR DAMAGE
	✓ ✓ ✓ ✓			VISUAL S5 - 52 S5 - 52 S5 - 48	INSPECT SUPPORT ARM: A - STRUCTURAL INTERGRITY OF SUPPORT ARM B - MOUNTING BOLTS C - DOWEL PINS D - WEAR OR DAMAGE TO BEARING STRIPS
		✓ ✓ ✓ ✓ ✓		S5 - (34-38) VISUAL VISUAL S5 - 34 S4 VISUAL	INSPECT LEAF CHAIN: A - RUST / CORROSION B - ABSENSE OF COTTER PIN / KEEPERS C - PROPER ADJUSTMENT D - LUBRICATION (ADJUST SCHEDULE TO SUIT SERVICE CONDITIONS) E - ADJUSTEMENT NUTS SECURED
		✓ ✓ ✓ ✓ ✓		S5 - (34-38) VISUAL VISUAL S5 - 34 S4 VISUAL	INSPECT ROLLER CHAIN: A - RUST / CORROSION B - ABSENSE OF COTTER PIN / KEEPERS C - PROPER ADJUSTMENT D - LUBRICATION (ADJUST SCHEDULE TO SUIT SERVICE CONDITIONS) E - ADJUSTEMENT NUTS SECURED
	✓ ✓ ✓			VISUAL VISUAL VISUAL	INSPECT HINGES: A - RUST / CORROSION B - BINDING C - DAMAGE
		✓ ✓		VISUAL VISUAL	INSPECT CONTROL ENCLOSURE: A - FITTINGS FOR LEAKS B - HARD LINES FOR LEAKS

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	✓ ✓ ✓			S5 – (28-28) S5 – (28-29) S5 – (28-29)	INSPECT HYDRAULIC HOSE / ELECTRICAL CABLE BUNDLE: A – PROPER ROUTING B –LEAKS (HOSES) C – CHAFING
	✓ ✓ ✓	✓		S5 – 19 VISUAL VISUAL S5 – 19	INSPECT STEP ACTUATION CYLINDER: A – CYLINDER PINS FOR FREE MOVEMENT B – RUST / CORROSION C – HYDRAULIC HOSES / FITTINGS FOR LEAKS D – SET SCREW IN PIVOT PINS
✓	✓			S5 – 11 S5 – 11	INSPECT ULTRASONIC SENSING DEVICE (PASSENGER SENSOR): A – VERIFY THE SENSOR IS OPERATIONAL B – SENSING FACE
	✓ ✓			S5 – (1-10) S5 – (1-10)	INSPECT PROXIMITY SENSORS: A – DAMAGE TO THE SENSOR END B – GAP BETWEEN SENSING END AND TARGETS (0.030" TO 0.060")
	✓			S5 – 12	INSPECT RAMP INTERLOCK MEMBRANE SWITCH
	✓			S5 – 13	INSPECT THRESHOLD SENSOR
		✓		S6	INSPECT HYDRAULIC FLUID: A – CONTAMINATION – FLUSH IF REQUIRED
	✓	✓ ✓	5 YRS	S5 – (22-23) S5 – (22-23) S5 – (22-23) S5 – (22-23)	INSPECT HYDRAULIC POWER SOURCE: A – FLUID LEVEL - NOTE: CHECK FLUID AT FLOOR LEVEL. B – RELIEF VALVE PRESSURE (1250 P.S.I.) C – CHANGE FILTER ELEMENT C – REPLACE SOLENOID ON HYDRAULIC PUMP
		✓		S4 – 3	INSPECT LIFT MOUNTING BOLTS FOR PROPER TORQUE
		✓ ✓		VISUAL VISUAL	INSPECT TOWER ASSEMBLY: A – TOWERS ARE VERTICAL B – TOWERS ARE PERPENDICULAR TO THE ROADSIDE CLOSEOUT
		✓ ✓		S5 – 47 S5 – 47	INSPECT SLIDE BEARING ON SLIDING PLATFORM ASSY AND SUPPORT ARM ASSY: A – WEAR B – DAMAGE
		✓ ✓		S5 – 44 S5 – 44	INSPECT BEARING STRIP ON VERTICAL FRAME ASSY: A – WEAR B – DAMAGE
	✓ ✓ ✓ ✓ ✓			S3 – 2 S3 – 2 S3 – 3 S3 – 3 S3 – 3	MANUAL OPERATION OF HYDRAULIC SYSTEM: A – RAMP/BARRIER UP B – RAMP/BARRIER DOWN C – DEPLOY D – RAISE E – LOWER
	✓			S3 – 4	F – STOW
	✓ ✓ ✓			S5 – 16 S5 – 16 S5 – 16	INSPECT MAIN LIFT CYLINDER: A – CYLINDER SWIVEL BEARINGS MUST BE FREE OF RUST / CORROSION B – CYLINDER SWIVEL BEARINGS MUST MOVE FREELY C – CYLINDER PIN KEEPERS
	✓ ✓			S5 – 18 S5 – 18	INSPECT EMERGENCY CYLINDER: A – CYLINDER SWIVEL BEARINGS MUST BE FREE OF RUST / CORROSION B – CYLINDER SWIVEL BEARINGS MUST MOVE FREELY

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	✓			S5-18	C – CYLINDER PIN KEEPERS
	✓			S5-18	D – CHECK FLUID LEVEL WITH LIFT AT FLOOR LEVEL
		✓		S4-3	INSPECT ALL FASTENERS FOR TORQUE
		✓		VISUAL (S3)	INPSECT FOR “MANUAL OPERATING PROCEDURE” DECAL