

# LIFT-U<sup>®</sup>

A DIVISION OF HOGAN MFG., INC



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**LU10  
SOLID PLATFORM LIFT  
PREVENTATIVE MAINTENANCE  
SCHEDULE**

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DAILY	6 WEEKS	6 MONTHS	OTHER	MANUAL REFERENCE SECTION / PAGE	<b>LIFT-U<sup>®</sup> LU10 - PLATFORM LIFT</b>
					<b>PREVENTIVE MAINTENANCE SCHEDULE</b>
					ITEM DESCRIPTION (manual sectional references where applicable)
X				S2 – 3	<b>CYCLE LIFT</b>
X X				S1 – 11	<b>TEST SAFETY FEATURES:</b> A – PRESSURE SENSITIVE MATS B – PRESSURE SENSITIVE EDGES
	X X X				<b>INSPECT HANDRAILS:</b> A – STRUCTURAL INTEGRITY B – BOLTS SECURED C – CRACKS IN TUBING
	X X X X X	X		VISUAL S5 – 5 VISUAL S5 – 29 S5 – 29 VISUAL S4 – 3	<b>INSPECT OUTER BARRIER, LINKAGE, AND CYLINDER:</b> A – STRUCTURAL INTERGRITY OF BARRIER B – BARRIER ANGLE C – PIVOT POINTS FOR DAMAGE OR WEAR D – RETAINING RINGS/JAM NUTS E – CYLINDER ATTACHMENT BOLTS F – HYDRAULIC HOSES/FITTINGS FOR LEAKS G – LUBRICATION (LUBE WITH ANTI-SEIZE COMPOUND) 1–LINKAGE PINS
	X X X X X X	X		VISUAL S5 – 6 VISUAL S5 – 31 VISUAL VISUAL VISUAL S4 – 3	<b>INSPECT INNER BARRIER, LINKAGE, AND CYLINDER:</b> A – STRUCTURAL INTERGRITY OF BARRIER B – BARRIER ANGLE C – PIVOT POINTS FOR DAMAGE OR WEAR D – RETAINING RINGS / JAM NUTS E – CYLINDER CLEVIS PIN KEEPERS F – HYDRAULIC HOSES/FITTINGS FOR LEAKS G – CYLINDER CLEVIS PINS – REMOVE, INSPECT, LUBRICATE (LUBE WITH P/N P515-0014)
	X X X	X		S4 – 2 VISUAL S5 – 19 S4 – 3	<b>INSPECT LIFT MASTER CHAINS AND CONNECTING LINKS:</b> A – RUST B – ABSENSE OF COTTER PIN / KEEPERS C – PROPER ADJUSTMENT D – LUBRICATION (LUBE WITH P/N P515-0014)
	X X X X X			S4 – 2 VISUAL S5 – 22 S4 – 3 S5 – 23	<b>INSPECT SLAVE CHAINS AND CONNECTING LINKS:</b> A – RUST B – ABSENSE OF COTTER PIN / KEEPERS C – PROPER ADJUSTMENT D – LUBRICATION (LUBE WITH P/N P515-0014) E – JAM NUTS SECURED

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					ITEM DESCRIPTION (manual sectional references where applicable)
	X X X X X			S4-2 VISUAL S5-25 S4-3 S5-25	<b>INSPECT SECONDARY STOW / DEPLOY CHAINS &amp; CONNECTING LINKS:</b> A – RUST B – ABSENCE OF COTTER PINS / KEEPERS C – PROPER ADJUSTMENT D – LUBRICATION (LUBE WITH P/N P515-0014) C – JAM NUTS SECURE
	X X X X			S4-2 VISUAL S5-27 S4-3	<b>INSPECT PRIMARY STOW / DEPLOY CHAIN AND CONNECTING LINK:</b> A – RUST / CORROSION B – ABSENCE OF COTTER PINS / KEEPERS C – PROPER ADJUSTMENT D – LUBRICATION (LUBE WITH P/N P515-0014)
	X X X			S5-16 VISUAL VISUAL	<b>INSPECT HYDRAULIC HOSE / ELECTRICAL CABLE BUNDLE:</b> A – PROPER ROUTING B –LEAKS (HOSES) C – CHAFING
		X X X		S5-27 HANDS-ON VISUAL VISUAL	<b>INSPECT STOW MOTOR AND STOW SHAFT:</b> A – SPROCKET ALIGNMENT B – SET SCREW TIGHT IN SPROCKETS C – HYDRAULIC HOSES / FITTINGS FOR LEAKS D – SPROCKETS FOR WEAR AND DAMAGE
		X X X		S5-9 S5-9	<b>INSPECT STOW / DEPLOY LIMIT SWITCH:</b> A – STOW SWITCH MUST ACTIVATE ½” BEFORE FULLY STOWED B – DEPLOY SWITCH MUST ACTIVATE ½” BEFORE FULLY DEPLOYED C – LOOSE LIMIT SWITCH ARM
		X X X X		S5-8 HANDS-ON HANDS-ON HANDS-ON	<b>INSPECT CHAIN LIMIT SWITCH (SLACK CHAIN):</b> A – ADJUSTMENT BETWEEN LIMIT SWITCH AND ARM TRIP B – LOOSE LIMIT SWITCH ARM C – FWD LIFT CYLINDER MUST OPERATE FREELY UP & DOWN (ALLOWING CHAIN LIMIT SWITCH TO OPERATE PROPERLY) D –LIFT CYLINDER CHAIN MUST BE FLEXIBLE (ALLOWING CHAIN LIMIT SWITCH TO OPERATE PROPERLY)
	X X			S5-(1-7) S5-(1-7)	<b>INSPECT PROXIMITY SWITCHES:</b> A – DAMAGE TO THE SENSING END B – GAP BETWEEN SENSING END AND TARGET (GAP 0.030” TO 0.060”)
	X X X			S5-28 VISUAL S4-3	<b>INSPECT CRUTCH BEARING:</b> A – PROPER ADJUSTMENT B – GALLING (TRANSFERRING PARTICLES OF BRASS TO THE TORQUE SHAFT COUPLING) C – LUBRICATION (LUBE WITH MULTI-PURPOSE GREASE)

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					ITEM DESCRIPTION (manual sectional references where applicable)
					<b>INSPECT HYDRAULIC POWER SOURCE:</b>
	X			SPECIFICATION	A – FLUID LEVEL
		X		S6 – 2	B – RELIEF VALVE PRESSURE (1250 P.S.I. +/- 25 P.S.I.)
		X		S6 – 2	C – CHANGE FILTER ELEMENT
			5 YRS	S6 – 2	D – REPLACE SOLENOID MOUNTED ON HYDRAULIC PUMP
		X			<b>INSPECT LIFT MOUNTING BOLTS:</b> REFERENCE LIFT-U TORQUE SPECIFICATION
		X		VISUAL	<b>INSPECT TORQUE SHAFT COUPLING SET SCREWS:</b>
				VISUAL	<b>INSPECT SLIDE CHANNEL BEARING BLOCKS:</b> NOTE: BLOCKS NEED REPLACING WHEN GAP BETWEEN BEARING BLOCK TOP SURFACE AND UPPER SLIDE CHANNEL RAILMENT IS GREATER THAN 3/16" WHEN PROPERLY ADJUSTED IN THE FULLY STOWED POSITION.
			X		<b>VERIFY OPERATION OF HYDRAULIC SYSTEM:</b> (RUN THE LIFT VERIFYING EACH CONDITION LISTED)
	X			VISUAL	STOW, DEPLOY, RAISE, LOWER, ROADSIDE BARRIER UP & DOWN, CURBSIDE BARRIER UP & DOWN
	X			S3	<b>INSPECT FOR "MANUAL OPERATING PROCEDURE" DECAL:</b>
	X			S3	<b>INSPECT FOR "MANUAL OPERATING PROCEDURE" DECAL WARNING STICKER:</b>
	X X X X X X		X	S5 – 19 VISUAL HANDS-ON VISUAL S5 – 19 S5 – 19 SPECIFICATION S4 – 1	<b>INSPECT MAIN LIFT CYLINDERS, FORWARD &amp; REAR:</b> A – CYLINDER CLEVIS PINS MUST BE FREE OF RUST AND CORROSION AND MUST MOVE FREELY B – CYLINDER CLEVIS PINS – REMOVE AND LUBRICATE C – CYLINDER CLEVIS PIN KEEPERS D – JAM NUT MUST BE TIGHT AGAINST CYLINDER ROD E – MINIMUM THREAD ENGAGEMENT OF 1" ON TURNBUCKLE BOLTS F – SPEED OF LIFT IN CUSION AREA G – APPLY LUBRICANT TO CUSION ADJUSTMENT SCREW CAVITIES (LUBE WITH ANTI-SEIZE COMPOUND)
			X	S5 – 14 VISUAL	<b>INSPECT STOW / LATCH CYLINDER:</b> A – PROPER STOW / LATCH ENGAGEMENT B – HYDRAULIC HOSE / FITTINGS FOR LEAKS
	X X			S4 – 3	C – LUBRICATION ON STOW LATCH FACE (LUBE WITH DOOR-EAZE)
		X		S4 – (4,5)	<b>INSPECT ALL FASTENERS FOR TORQUE:</b>
				VISUAL	<b>INSPECT PUSH-OFF SPRINGS:</b> REPLACE SPRINGS EVERY 6 YEARS OR 8,000 CYLES