



Battery Extractor Series - Magnet Extraction Planned Maintenance Inspection Report

Check Codes
 X = O.K.
 A = Adjust
 S = Serviced
 R = Repair
U = Urgent

Customer _____

Dealer _____

Model #	Serial Number	P.O. number / Ref number	Servicing Technician	Date

	Code	
1. Operator's Platform		Comments
A. Verify hour meter functioning, record hours	X A S R U	_____
B. Verify magnet selector switch operation	X A S R U	_____
C. Verify gate switch operation	X A S R U	_____
D. Verify foot switch operation	X A S R U	_____
E. Verify extractor arm proximity switch operation	X A S R U	_____
F. Verify all hydraulic functions	X A S R U	_____
G. Inspect transformer for proper mounting / secure	X A S R U	_____
H. Remove dashboard	X A S R U	_____
1. Check hydraulic valves for leaks	X A S R U	_____
2. Check for loose or exposed wires	X A S R U	_____
2. Inner Carriage		
A. Inspect lift chains, tighten as req., lubricate	X A S R U	_____
B. Inspect equalization chains, adjust as req., lubricate	X A S R U	_____
C. Inspect hydraulic cylinders for leaks, verify cylinders are secure	X A S R U	_____
D. Inspect cam followers for wear, tighten hardware if req.	X A S R U	_____
E. Inspect powered rollers, trim if req.	X A S R U	_____
F. Ensure lead roller hitch pins and hex shafts are installed	X A S R U	_____
G. Inspect lead and idler rollers for free movement	X A S R U	_____
H. Tighten collar clamps on carrier arm shafts	X A S R U	_____
I. Lubricate lead screw bearings (if applicable)	X A S R U	_____
J. Inspect powered roller bearings and chains, lubricate as req.	X A S R U	_____
K. Inspect hydraulic motors and hoses for leaks	X A S R U	_____
L. Inspect all hydraulic lines for leaks, tighten fittings as req.	X A S R U	_____
M. Inspect hose and cable routing to arm	X A S R U	_____
N. Lubricate lead screw nut block and carrier arm bearings	X A S R U	_____
O. Tighten hardware for lead screw nut block	X A S R U	_____
P. Inspect EQ and lift chain studs	X A S R U	_____
R. Clean area of debris, excessive hydraulic oil, and corrosion	X A S R U	_____
3. Extractor Arm (Magnet Extraction)		
A. Visual inspection of magnets, repair/replace if req.	X A S R U	_____
B. Inspect magnet cords for proper installation and exposed wires	X A S R U	_____
C. Inspect magnet frame for damage, repair/replace if req.	X A S R U	_____
D. Tighten load adjusters for proper magnet orientation	X A S R U	_____
E. Inspect magnet mounting hardware, replace missing/damaged hardware, tighten	X A S R U	_____
F. Inspect push arm and tie plate hardware, tighten if required	X A S R U	_____
G. Inspect junction box on push arm for exposed wires, repair if required	X A S R U	_____
H. Inspect stiffener plates for missing hardware or damage, repair/replace as req.	X A S R U	_____
I. Inspect electrical panel for damage, use compressed air to clean panel	X A S R U	_____
J. Inspect panel for missing wireway covers	X A S R U	_____
K. Tighten hardware for guide arm bearings	X A S R U	_____
L. Inspect rotary actuator frame for damage	X A S R U	_____
M. Inspect all hoses for leaks, tighten fittings as req.	X A S R U	_____
N. Inspect swing arm stops and cushions for wear, replace as req.	X A S R U	_____
O. Inspect shaft collars, tighten as req.	X A S R U	_____
P. Inspect bearing cap hardware, tighten as req.	X A S R U	_____
R. Inspect arm guards for damage, missing hardware, and vinyl edging	X A S R U	_____
4. Outer Carriage		
A. Inspect all guards for damage, missing hardware, replace as req.	X A S R U	_____
B. Inspect electrical supply box for exposed wires	X A S R U	_____
C. Inspect angle guide rollers for wear and full motion	X A S R U	_____
D. Inspect cross bars and inner carriage stop hardware, tighten as req.	X A S R U	_____
E. Inspect operator's step and gate for damage, tighten/repair hardware as req.	X A S R U	_____

