Problem	Symptoms	Cause(S)	Solution	Rank
Compactor operating slowly		1. Oil in lines is plugging up orifices 2. Leak(s) in lines are reducing pressure	Check to see that the correct fittings were used 2. ?	
Compactor does not extend completely	Compactor remains in the parked position *4a. Oil in line* *4b. Damaged/unhooked wires* *4c. Debris in valve assembly* 4d. Valve seal is worn out	1. No air to the system 2. No air to the TS 3. Zip ties were not removed after shipping 4. Malfunctioning valve	1.1 Check manifold hose connections 1.2 Verify manifold wires are connected 2. ? 3. Remove all zip ties 4. Clean/replace valve assembly	
	Compactor extends partially, then stops	1. Obstruction in the bin or compactor mechanism	1. Cut power and air to TS and examine for blockage	

		2. Bin is over full 3. Zip ties were not removed after shipping	2. Empty bag 3. Remove all zip ties	
Compactor does not retract completely	*3a. Oil in line* *3b. Damaged/unhooked wires* *3c. Debris in valve assembly* *3d. Valve seal is worn out*	1. Obstruction in the bin or compactor mechanism 2. No air to the system 3. Malfunctioning valve	1. Cut power and air to TS and examine for blockage 2a. Check manifold hose connection 2b. Verify manifold wires are connected 3. Clean/replace valve assembly	
Compactor does not operate	*2a. Oil in line* *2b. Damaged/unhooked*	1. No air to the system 2. Malfunctioning valve	1a. Check manifold hose connection 1b. Verify manifold wires are connected 2. Clean/replace valve assembly	

	wires *2c. Debris in valve assembly* *2d. Valve seal is worn out*			
Compactor is making metal on metal scraping noises		1. Bushings are damaged or worn out 2. Fasteners are loose or missing	1. Replace as necessary 2. Replace	
Compactor is very “loose” and rattles during operation		1. Bushings damaged or worn out 2. Fasteners loose or missing 3. Ball clevis on cylinder ends is very loose or worn out	1. Replace as necessary 2. Replace 3. Replace ball clevis	