



Divisions of Systems, LLC



PowerHook® PM Checklist

Customer:

Order #:

Date:

Address:

Equipment Model:



WARNING

Always read and understand the Owner's/User's Manual and become thoroughly familiar with the equipment and its controls before installing or operating equipment. **Failure to read and understand the owner's/user's manual could result in death, serious injury, damage to equipment or voiding of warranty!**

| Maintenance Steps | Dock # | Dock # | Dock # | Dock # |
|---|------------------------|----------|----------|----------|
| | Serial # | Serial # | Serial # | Serial # |
| Weekly Maintenance | Completed Steps | | | |
| 1) Operate the dock leveler through the complete operating cycle to maintain lubrication. | | | | |
| 2) Verify all inside and outside communication lights operate correctly. | | | | |
| 3) Inspect warning decals and placards. Replace if damaged or missing. | | | | |
| 4) Inspect concrete and curb steel. | | | | |
| 5) Inspect warning decals and placards. Replace if damaged or missing. | | | | |
| 6) Clean leveler pit and powerhook pan or frame. | | | | |
| 7) Check reservoir fluid level. (Reference owner's manual) | | | | |
| Quarterly Maintenance | | | | |
| 1) Complete weekly maintenance. | | | | |
| 2) Inspect the following for damage/ abnormal wear: | | | | |
| - Inspect all welds for cracks. | | | | |
| - Cylinder pins and mounting holes. | | | | |
| - Inspect junction box for moisture and check all electrical connections. | | | | |
| - Inspect hoses, cylinders, fittings and powerpack. | | | | |

| -- Continued -- | Dock # | Dock # | Dock # | Dock # |
|---|--------|--------|--------|--------|
| - Inspect powerhook valve manifold. Check coils valves and wire harness. | | | | |
| - Inspect guide track assembly and proximity switch harness. | | | | |
| - Inspect main cylinder rod and hook. | | | | |
| - Inspect control box and conduit. | | | | |
| 3) Lubricate the following areas with white lithium grease | | | | |
| - Main cylinder trunnions. | | | | |
| - Positioning cylinder trunnions. | | | | |
| Annual Maintenance | | | | |
| 1) Complete quarterly maintenance. | | | | |
| 2) Change hydraulic fluid. May be necessary more often based on environment. | | | | |
| Adjustments. (Reference owner's manual if adjustments are necessary.) | | | | |
| - Verify PowerHook operating range. - Top of hook = 26"-28" above pit floor, while up and extended. - Top of hook = 8"-9" above pit floor while lowered and extended. | | | | |
| - Verify safety interlock functions. | | | | |

| Dock# | Comment or Description of Repair(s) Needed | Approval | Completed |
|-------|--|----------|-----------|
| | | | |
| | | | |
| | | | |
| | | | |

Notes: (Detail adjustments performed, parts replaced, etc.) _____

By signing below I/we certify that all steps required by Systems, LLC have been completed:

| | |
|---|-------|
| Service Provider Representative (print name & sign): | Date: |
| Customer/End User Representative (print name & sign): | Date: |



Recommended Spare Parts

Powerhook® Restraint

| Quantity | Part Number | Description |
|----------|-------------|---|
| 2 | 8581-0004 | Delta Coil,115VAC,DHC-11 |
| 2 | 4301-0004 | Cable Assembly, 48"Oal, 1 Coil |
| 1 | 0524-0097 | Guide Track Assembly (Aluminum) Includes |
| 1 | 8581-0135 | Pressure Switch |
| 1 | 8581-0074 | Solenoid Valve, 2-way, NC, Spool |
| 1 | 8581-0005 | Solenoid Valve, 3-way, 2-position |
| 1 | 8581-0011 | Solenoid Valve, 4-way, 2-position |
| 1 | 8581-0090 | Regeneration valve |