



# Hydraulic Dock Leveler

## PM Checklist

|                  |                 |                         |
|------------------|-----------------|-------------------------|
| <b>Customer:</b> | <b>Order #:</b> | <b>Date:</b>            |
| <b>Address:</b>  |                 | <b>Equipment Model:</b> |

|                |  |
|----------------|--|
| <b>WARNING</b> | 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. <b>Failure to read and understand the owner's/user's manual could result in death, serious injury, damage to equipment or voiding of warranty!</b> |
|----------------|--|

| Maintenance Steps   | Dock #                 | Dock #   | Dock #   | Dock #   |
|---|------------------------|----------|----------|----------|
|   | Serial #               | Serial # | Serial # | Serial # |
| <b>Weekly Maintenance</b>   | <b>Completed Steps</b> |          |          |          |
| 1) Operate the dock leveler through the complete operating cycle to maintain lubrication.                 |                        |          |          |          |
| 2) With the leveler in the below dock position, clean and inspect the rear hinge line and lip hinge line. |                        |          |          |          |
| 3) Inspect platform and lip for bowing or damage.   |                        |          |          |          |
| 4) Inspect concrete and curb steel.   |                        |          |          |          |
| 5) Inspect warning decals and placards. Replace if damaged or missing.                                    |                        |          |          |          |
| 6) Clean leveler pit.   |                        |          |          |          |
| 7) Check reservoir fluid level. (Reference owner's manual)  |                        |          |          |          |
| <b>Quarterly Maintenance</b>  |                        |          |          |          |
| 1) Complete weekly maintenance.   |                        |          |          |          |
| <b>2) Inspect the following for damage/ abnormal wear:</b>  |                        |          |          |          |
| - Inspect all welds for cracks.   |                        |          |          |          |
| - Inspect cylinder pins and mounting holes.   |                        |          |          |          |
| - Inspect lip hinge welds and rear hinge welds. Inspect hinge pins.                                       |                        |          |          |          |
| - Inspect junction box for moisture and check all electrical connections.                                 |                        |          |          |          |
| - Toe guards. Verify free movement.   |                        |          |          |          |

| -- Continued --   | Dock # | Dock # | Dock # | Dock # |
|---|--------|--------|--------|--------|
| - Inspect side and rear weather seals. (If applicable)  |        |        |        |        |
| - Inspect hoses, cylinders, fittings and powerpack.   |        |        |        |        |
| - Inspect control box and conduit.  |        |        |        |        |
| - Inspect bumpers for more than 1" of wear.   |        |        |        |        |
| <b>3) Lubricate the following areas with light weight machine oil.</b>  |        |        |        |        |
| - Lip hinge, <u>without grease fittings</u> . (Apply between hinge tubes with the leveler below dock and lip folded.) |        |        |        |        |
| - Platform hinge, <u>without grease fittings</u> . (Apply between hinge tubes with leveler on storage prop.)          |        |        |        |        |
| - Dual-lanyard lever pivot. (PR models only.)   |        |        |        |        |
| - Toe guard hinges. (PR models only)  |        |        |        |        |
| - Rod end, hoist cylinder pin and trunnion.   |        |        |        |        |
| - Blind end, lip cylinder pin and trunnion.   |        |        |        |        |
| - Rod end lip cylinder pin and trunnion.  |        |        |        |        |
| <b>4) Lubricate the following areas with white lithium grease</b>   |        |        |        |        |
| <b>Note:</b> Apply to all grease fittings if equipped.  |        |        |        |        |
| - Blind end hoist cylinder pin and trunnion   |        |        |        |        |
| - Valve lever pivot and top of logic block spool valve. (PR and VH series)  |        |        |        |        |
| - Toe guard pivots. (PR models only)  |        |        |        |        |
| <b>Annual Maintenance</b>   |        |        |        |        |
| 1) Complete quarterly maintenance.  |        |        |        |        |
| 2) Change hydraulic oil. (may be required more often depending on operating environment)                              |        |        |        |        |
| <b>Adjustments. (Reference owner's manual if adjustments are necessary.)</b>  |        |        |        |        |
| - Cable weight adjustment for lip deployment. (PR and VH series levelers)   |        |        |        |        |
| - Down speed control adjustment.  |        |        |        |        |
| - Adjust powerpack valves for correct operation.  |        |        |        |        |

| -- Continued --                                   | Dock # | Dock # | Dock # | Dock # |
|---|--------|--------|--------|--------|
| - Auto Return To Dock adjustment. (If applicable) |        |        |        |        |
| - Verify interlock functions. (If applicable)     |        |        |        |        |
| - Adjust leveler stored switch. (If equipped)     |        |        |        |        |

| 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:**

|  |              |
|--|--------------|
| <b>Service Provider Representative (print name &amp; sign):</b>  | <b>Date:</b> |
| <b>Customer/End User Representative (print name &amp; sign):</b> | <b>Date:</b> |



## Recommended Spare Parts

*PR, CH, EH, VH, DH*

| Quantity | Part Number | Description  |
|----------|-------------|--|
| 1        | 0961-0083   | Auto return to Dock Prox DC 30mm Switch for docks with DC PLC/Restraint              |
| 1        | 0961-0135   | Prox AC 30.5 mm Interlock  |
| 1        | 0615-0040   | Auto return to Dock Prox AC 30mm Switch for docks without PLC/Restraint- 6 sec delay |
| 2        | 9574-0001   | Spool valve assembly   |
| 1        | 9574-0002   | Spool valve assembly   |