



# TPR® PM Checklist

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

|                |   |
|----------------|---|
| <b>WARNING</b> | <p>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></p> |
|----------------|---|

| Maintenance Steps   | Dock #                 | Dock #   | Dock #   | Dock #   |
|---|------------------------|----------|----------|----------|
|   | Serial #               | Serial # | Serial # | Serial # |
| <b>Weekly Maintenance</b>   | <b>Completed Steps</b> |          |          |          |
| 1) Operate the vehicle restraint through the complete operating cycle to maintain lubrication.  |                        |          |          |          |
| 2) Inspect all motor and spring covers.   |                        |          |          |          |
| 3) Remove debris around TPR vehicle restraint and in roller track; verify carriage is able to move up and down freely with no binding or obstruction. |                        |          |          |          |
| 4) Verify all inside and outside signal lights operate correctly. Verify audible alarm. (If applicable).  |                        |          |          |          |
| 5) Inspect warning decals and placards. Replace if damaged or missing.  |                        |          |          |          |
| <b>Quarterly Maintenance</b>  |                        |          |          |          |
| 1) Complete weekly maintenance.   |                        |          |          |          |
| <b>2) Inspect the following for damage/ abnormal wear:</b>  |                        |          |          |          |
| - Check all welds for cracks.   |                        |          |          |          |
| - Inspect chain tension, verify 1/8-1/4 inch of play.   |                        |          |          |          |
| - Verify brake torque is greater than 42 ft-lbs and less than 58 ft-lbs at the hook shaft, while rotating the hook from ENGAGED (45 deg) to STORED.   |                        |          |          |          |
| - Inspect junction box for moisture and check all electrical connections.   |                        |          |          |          |

|   |        |        |        |        |
|---|--------|--------|--------|--------|
| -- Continued --   | Dock # | Dock # | Dock # | Dock # |
| - Check that all concrete anchor bolts are torqued to 60 ft-lbs.                              |        |        |        |        |
| - Check motor mounting bolts.   |        |        |        |        |
| - Inspect bumpers for more than 1" of wear.   |        |        |        |        |
| - Perform operational test after all maintenance repairs and adjustments are complete.        |        |        |        |        |
| <b>3) Lubricate the following areas with oil-based moly grease</b>                            |        |        |        |        |
| <b>Note:</b> Apply to all grease fittings if equipped.  |        |        |        |        |
| - Grease rollers at fittings located on the top and bottom axle.                              |        |        |        |        |
| - Lubricate drive chain and limit switch mounting bracket between drive sprocket and the cam. |        |        |        |        |

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

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

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\_\_\_\_\_

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

### *McGuire TPR Restraint*

| Quantity | Part Number | Description      |
|----------|-------------|------------------|
| 4        | 9701-0113   | Roller Bearings  |
| 1        | 0961-0570   | Limit Switch LS1 |
| 1        | 0961-0571   | Limit Switch LS2 |
| 4        | 0941-0016   | Extension Spring |
| 1        | 9701-0115   | Drive Chain      |