

SAFETY BRIDGES & STAIRS

Preventive Maintenance Schedule

Recommended Lubrication Schedule

All models are manufactured with permanently lubed bearings on all axles and will not require lubrication. However, handrail pivoting bolts must be lubricated a minimum of 3 times per year with a heavy oil.

Special note: The lubrication of the handrail bolts is important in order to keep the unit operating freely. Corrosion at these points will cause the handrails to bind, reducing the ease of movement.

Spring Tensioning Procedure

Spring tension should be checked on a regular basis as the spring will stretch over a period of time. These adjustments should be to the operator's preference. The following steps will aid in this adjustment process. (See sketch 2-2 for a visual aid during the process.)

1. Remove the machine screws from the rubber bumper, then fold back to expose the adjustment access hole located in the nose cone.
2. With a 13/16" deep-well socket and wrench, rotate the adjustment nut clockwise to tighten the tension, counter-clockwise to reduce the tension. (One full rotation of the adjustment nut to each side adds a fair amount of tension to the unit.)

CAUTION: When adjusting the spring tension, allow enough remaining tension to prevent the unit from falling, but do not over tighten, allowing the unit to retract too fast. This could cause injury.

3. Once the preferred tension is reached, replace the rubber bumper and machine screws.

Annual Inspection Procedure

Annual inspection of the entire unit for corrosion, cracks or excessively worn components will keep the equipment in top working condition.

If during this inspection, problems are located, contact our customer service department for the recommended repair or rework solution.

Should you experience any problem during this maintenance schedule process, contact your local distributor, representative, or the factory at 419-841-8775, Fax 419-841-8789.

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Spring Tensioning Drawing

The following drawing will provide a visual aid for the spring tensioning adjustments for the safety bridge or stair.

Sketch 2-2 Spring Adjustment Drawing

