

# LIFT-U<sup>®</sup>

A DIVISION OF HOGAN MFG., INC.



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LU9  
*SLIDING FOLD-OUT*  
LOW-FLOOR RAMP  
PREVENTATIVE MAINTENANCE  
SCHEDULE

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## GENERAL MAINTENANCE

Maintenance of the **LIFT-U® Sliding Fold-Out** consists of cycling the mechanism, lubrication, checking for proper mechanical and electrical adjustments, and cleaning the mechanism of accumulated debris, all of which may be done during routine service of the coach. No special maintenance interval is required, as long as the coach itself is operated under a routine maintenance schedule. **However, maximum interval under normal conditions is sixteen (16) weeks.** Abnormal conditions, such as inclement weather, sand, salt, snow, and temperature fluctuations, require intervals less than normal conditions. **The Maximum maintenance interval under abnormal conditions is not to exceed sixty (60) days.** The procedures and intervals described herein are not intended to be all-inclusive. The procedures and maintenance intervals described herein are intended to cover the foreseeable service contingencies to the best of our abilities. However, if a service condition is encountered that is not covered in this manual, obtain advice from the coach manufacturer or from a **LIFT-U®** representative as necessary to clarify or obtain servicing instructions. This manual also assumes that maintenance personnel are familiar with OSHA safety practices and that management enforces those practices.

## INSPECTION

Inspect the following ramp components for wear, damage, overload characteristics, and/or adjustment:

1. Ramp surfaces (both ramp and floor sides).
2. Sliding Frame floor surface, and roller guards.
3. Step Edge nosing and hinge.
4. All non-skid surfaces.
5. Counter Balance Assembly, which includes chain strands, chain coupling, connecting link, spring rod assembly, turnbuckle, and springs (Under removable ramp panel behind chain guards).
6. Fasteners securing the Ramp Plate Assembly to the C/S Sprocket Assemblies. Verify flat-head screws are not loose. If a fastener is loose, apply blue Loctite to threads and torque to 130 In-lbs (six on each sprocket).
7. Drive motor chain, sprockets, and couplings (Under removable ramp panel).
8. Stow chain, primary drive sprocket, and jam nuts (Under removable ramp panel).
9. Stow latch mechanism and solenoid linkage (Underside of slide frame assembly).
10. Stow proximity switch and bracket assembly (On slide frame assembly).
11. Electrical cables.
12. Overall structural integrity of the slide frame and ramp plate assembly.

