



XMV

Extreme Multi-Vehicle Lift

Operation and Service Instructions

WARNINGS!

IF XMV IS RAISED ABOVE FLOOR DURING TRAVEL, IT MUST BE RAISED HIGH ENOUGH FOR THE TRAVEL LOCKS TO BE ENGAGED. IF THE TRAVEL LOCKS CANNOT BE ENGAGED, SERIOUS DAMAGE, INJURY OR DEATH MAY OCCUR. THE XMV LIFT SHOULD BE COMPLETELY LOWERED TO THE FLOOR FOR THE SAFEST MODE OF TRANSPORTATION IF TRAVEL LOCKS CANNOT BE ENGAGED.

THE XMV LIFT AND THE XMV LIFT COMPARTMENT MUST BE CLEAR OF OBSTRUCTION DURING TRAVEL. RIDING ON THE XMV LIFT OR IN THE XMV LIFT COMPARTMENT DURING TRAVEL MAY RESULT IN SERIOUS DAMAGE, INJURY OR DEATH.

BE SURE ALL FOUR TRAVEL LOCKS ARE DISENGAGED BEFORE LOWERING THE XMV LIFT. IF TRAVEL LOCKS ARE STILL ENGAGED WHEN LOWERING XMV LIFT, CABLES MAY BECOME SLACK AND DISLodge FROM PULLEYS AND XMV LIFT WILL MALFUNCTION.

DESCRIPTION

The *Extreme Multi-Vehicle Lift* or *XMV Lift*, is an electronically activated hydraulic cable and pulley system. Using a hydraulic system to raise and lower the *XMV Lift* creates a powerful system capable of moving 1500 lb. of ATVs, or for extensive storage of gear. The *XMV Lift* is intended for the sole purpose of providing more storage space in a recreational vehicle. Its function should not be used for any other purpose or reason than to create more storage. To use the system for any reason other than what it is designed for may result in damage to the unit, personal property and/or cause serious injury or death.

BEFORE ACTUATING THE SYSTEM, PLEASE KEEP THESE THINGS IN MIND:

1. Parking locations should be clear of obstructions that may create a dangerous environment for unloading ATVs when the *XMV Lift* is actuated.
2. Be sure all persons are clear of the unit prior to the *XMV Lift* actuation.
3. Keep hands and other body parts away from *XMV Lift* mechanisms during actuation. Severe injury or death may result.
4. To optimize *XMV Lift* actuation, park coach on solid, level ground.

PRIOR TO OPERATION

Prior to operating the *XMV Lift*, follow these guidelines:

1. Coach should be park on the most level surface available.
2. Leveling or stabilizing system should be actuated to ensure unit will not move during operation of *XMV Lift*.
3. Be sure battery is fully charged.
4. Be sure to keep all persons and pets clear of *XMV Lift* during operation.

SYSTEM MAINTENANCE

The *XMV Lift* has been static tested to over 4000 continuous cycles without any noticeable wear to rotating or sliding parts. It is recommended that the moving parts be kept clean and can be washed with mild soap and water. No grease or lubrication is necessary and in some situations may be detrimental to the environment and long term dependability of the system.

ELECTRICAL SYSTEM MAINTENANCE

For optimum performance, the *XMV Lift* requires full battery current and voltage. The battery must be maintained at full capacity. Other than good battery maintenance, check the terminals and other connections at the battery, the control switch, and the electric actuator motor for corrosion and loose or damaged terminals. Check motor leads under the trailer chassis. Since these connections are subject to damage from road debris, be sure they are in good condition.

MECHANICAL MAINTENANCE

Although the system is designed to be almost maintenance-free, actuate the lift once or twice a month to keep the seals and internal moving parts lubricated. Check for any visible signs of external damage after and before movement of the travel trailer.

OPERATION

TRAVEL LOCKS

TO ENGAGE:

1. Remove Locking Pin.
2. Rotate Travel Lock Handle counterclockwise until it is free of pressure.

TO DISENGAGE:

1. Raise *XMV Lift* for 3 seconds to take pressure off Travel Locks.
2. Rotate Travel Lock Handle clockwise.
3. Place Locking Pin completely through handle and into the side frame.

XMV LIFT

To Raise *XMV Lift*:

1. Engage Travel Locks. (See TO ENGAGE instructions above).
 2. Press and hold the *XMV Lift* switch in UP position until it reaches it's desired height in one of the three (3) Travel Lock positions.
- NOTE:** Travel Locks will click into place in all three (3) positions at the *XMV Lift* is raised.
3. When *XMV Lift* has reached the desired height, release the switch. The *XMV Lift* should be in one of the three (3) Travel Lock positions.
 4. In case the *XMV Lift* has been raised beyond the desired Travel Lock position, push the *XMV Lift* switch in the DOWN position until the *XMV Lift* clicks into place. Release switch immediately.

To Lower *XMV Lift*:

1. Disengage Travel Lock. (See TO DISENGAGE instructions above).
2. Press and hold *XMV Lift* Switch in the DOWN position until *XMV Lift* is completely lowered to the floor of the *XMV Lift* Compartment.
3. Release *XMV Lift* switch immediately.