

# OPERATING PROCEDURES

## MANUAL ROOM RETRACTION PROCEDURES

### GENERAL INFORMATION

Most rooms can be retracted manually in the case of a mechanical or electrical failure. Some HWH mechanisms have a built in manual retract mechanism. Some rooms can be retracted through the use of some type of winching mechanism. Some mechanisms, especially with smaller rooms, can simply be pushed in after the solenoid valves have been opened. Refer to other pages in this manual for specific manual room retract information. If information is not available in this manual, contact the vehicle manufacturer or HWH Customer Service for assistance. HWH Customer Service hours are Monday through Friday 8:00AM until 5:00PM Central time.

**Note: Contact the vehicle manufacturer for information concerning the storage of any manual retract devices or winches. Refer to the vehicle manufacturer for information to connect a winch or other retract device that is not built into the mechanism. Also contact the vehicle manufacturer for manual room retract procedures for any winch or retracting device not supplied by HWH or in the event no retract device is supplied with the vehicle.**

**WARNING: USE EXTREME CAUTION WHEN USING A MANUAL RETRACT WINCH.**

When manually retracting rooms, it is recommended that leveling jacks be retracted, when possible, before retracting the rooms.

To manually retract a room, it is necessary to determine which extend and retract solenoid valves are assigned to the room. Refer to available diagrams or the vehicle manufacturer for valve location. If the information is not readily available, it is permissible to open all of the room extension valves.

To manually retract a room both the cylinder extend and cylinder retract valves should be opened.

The room extension manifold has valves equipped with valve release nuts or valve release cams.

For valves with release nuts, open the valve by turning the 1/4" release nut counter clockwise. Use a 1/4" nut driver or the nut driver incorporated into the breather cap. **DO NOT turn the release nuts more than 4 and 1/2 turns. Turning the nuts more could damage the valve. When closing the valves, make snug only. DO NOT over tighten the nuts.**

For valves with release cams, simply move the cam to the open position. **The release cam might be rotated in any position on the valve. Moving the cam in the wrong direction can damage the valve.**

