

SECTION 8.0

OPERATING OPTIONAL EQUIPMENT

(source - Rule Manual)

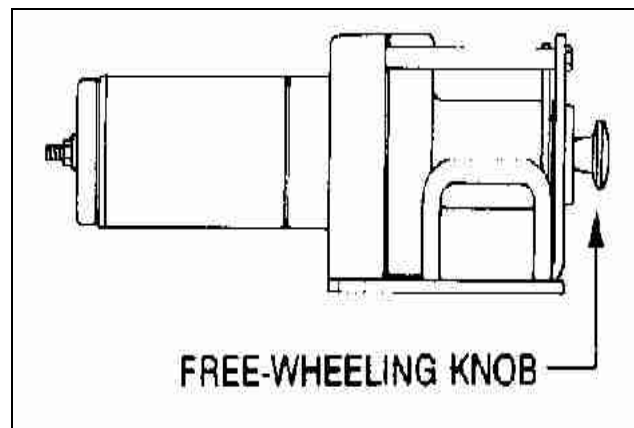
SECTION 8.1

OPERATION - FREE - WHEELING (OPTION)

The free-wheeling feature is standard on some models, optional on others. This feature offers a tremendous advantage in many lifting or winching situations. It saves time and battery power, prevents motor overheating, and helps eliminate cable snarls.

To use the free-wheel, pull out the spring loaded knob located on the drum end of the winch (see illustration 3.4A below) and rotate it a quarter turn to lock it in the "out" position. This disengages the drum from the winch gears and allows the cable to be freely pulled out the distance required. To re-engage the drum to the winch gearing, rotate the knob a quarter turn and allow it to snap in. If it does not immediately snap in, power the winch momentarily and the free-wheel will automatically re-engage. Be sure it is fully re-engaged before applying a load.

CAUTION: When pulling out the cable with the free-wheeling feature, pull the cable at a steady speed. Allowing the winch drum to spin, without pulling on the cable can cause a backlash on the winch drum.



OPERATION - POSI-LOCK (SM.) ROTATION LOCKING DEVICE

The **Posi lock** is an option available on most models of the **Sto-Away** Power cranes. This feature offers an advantage in many lifting situations, where it may be desired to hold the boom in a fixed position of rotation, simply move the boom to that position.

To engage the **Posi-Lock**, push down on the stainless steel lock lever to the bottom stop and release it. Putting it in this position pre-loads the Posi-lock. (It may be necessary to rotate the boom one way or the other slightly before it locks).

To release the **Posi-Lock**, simply pull up on the stainless steel lock lever to the top stop and release it. This pre-loads the locking mechanism to release.

IMPORTANT NOTE: The Posi-Lock was designed to have a unique safety feature that no other bumper crane has and that is "**CONTROL RELEASE**".

The **Control Release** feature allows the operator to set the **Posi-Lock** to dis-engage, but as long as the **Posi-Lock** senses the load is unsteady it will remain locked "**UNTIL THE OPERATOR TAKES CONTROL OF THE LOAD**" then the **Posi-Lock** will release. This key safety feature allows the operator to have a two-handed control on the payload.

When using the **Posi-Lock**:

1. **NEVER** attempt to drag a load, or induce any side loading to the boom. Doing so may cause damage to the Posi lock, and also create a strain on the crane that it was not designed to handle.
2. **NEVER** swing a load suspended from the lifting line while the Posi-lock is engaged or at any time while a load is suspended.
3. **NEVER** work on a load while it is suspended on the lifting line.
4. **DO NOT** engage the Posi-lock while the boom is rotating. Always bring the rotation to a halt and then engage the Posi-lock.