

# Technical Bulletin

## Maintenance Procedures - Internal Hose Reeving

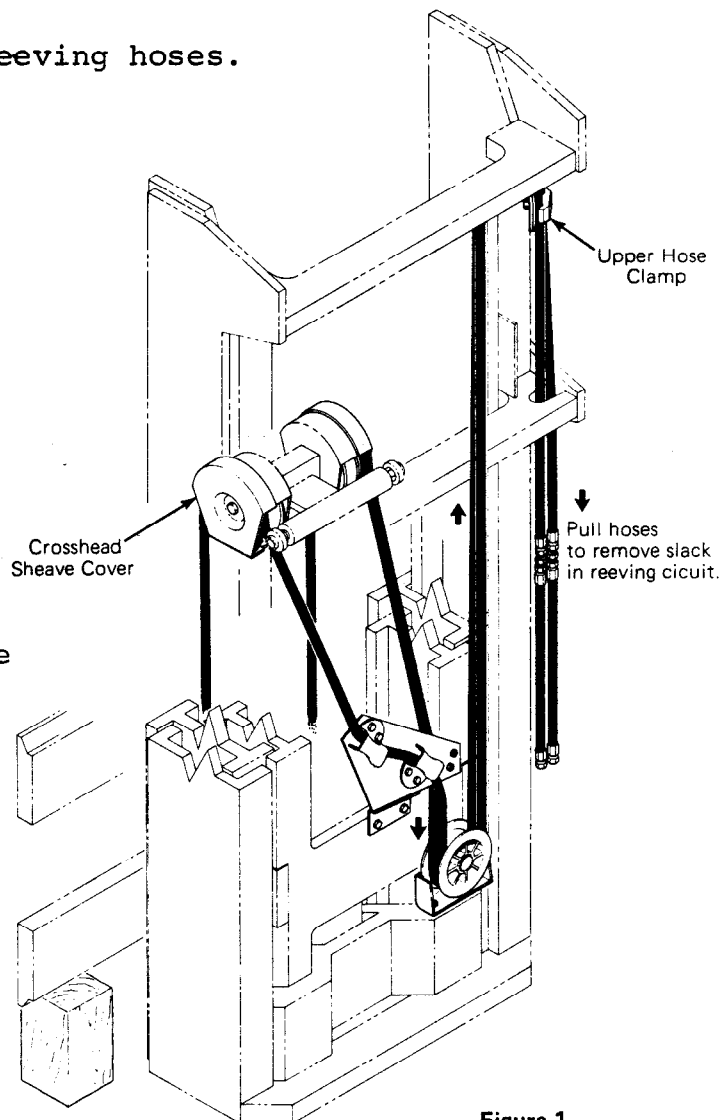
Models: 30C, 55C, 80C Viewmast II with Internal Hose Reeving

**PROBLEM:** Premature wear of internal reeving hoses.

**CAUSES:** Incorrect type hose  
Incorrect hose tension

### Hose Tension Adjustment

1. Block the carriage up six inches from its fully lowered position.
2. Fully retract the hoist cylinder.
3. Loosen the upper hose clamp.
4. Pull the hoses until all slack has been removed throughout the reeving circuit.
5. Tighten the hose clamp to a torque of 12-15 ft.-lbs.
6. Cycle the mast 3 to 4 times to equalize hose tension. Check for adequate hose clearance at the crosshead sheave cover



(over)

Figure 1

# **cascade**<sup>®</sup>

For Technical Assistance . . .

Call: 1-800-CASCADE or 503-669-6300

OR

Write: Cascade Corporation, P.O. Box 20187, Portland, OR 97220

To Order Parts . . .

Call: 513-322-1199

OR

Write: Cascade Corporation, P.O. Box 360, Springfield, OH 45505

Hose type - Internal Reeving

If hose replacement is required, we strongly recommend the use of Cascade internal reeving hoses (see accompanying parts list).

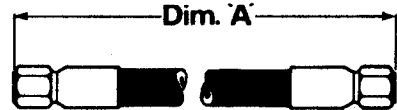
Other types of hoses may not seat correctly on the cross-head sheave, resulting in premature hose wear.

The only acceptable substitutes for Cascade hoses are listed below:

HOSE: Parker Hannifin Parflex  
#5 Hose No. 550H-5

FITTINGS: #6 Female 37° JIC

\* To determine your channel length, see the serial number index at the front of the Viewmast II parts manual, form 5129A.



2 Req'd.

Overall Retracted Channel Length (inches)*	Hose Part Number	Hose Length Dim. A (inches)
68	C-665050	144
74	C-665051	162
80	C-665052	180
83	C-665053	189
86	C-665054	198
87	C-665055	201
92	C-664803	216
95	C-665056	225
98	C-665057	234
101	C-665058	243
102	C-665059	246
104	C-665060	252
107	C-665061	261
111	C-664921	273
112	C-665062	276
114	C-665049	282
119	C-665063	297
122	C-665064	306
124	C-665065	312
129	C-665066	327
132	C-665067	336
134	C-665068	342
142	C-665069	366
149	C-665070	387



Do you have questions  
you need answered  
right now?

Dial Directline  
800-547-5266  
(toll free)