



# Technical Bulletin

Number 118  
March 1982

CASCADE UPDATE OF HOSE REEL SEAL KIT (PART NO. 646339). FOR H1 THROUGH H8 2 PORT HOSE REELS.

**PROBLEM:** Existing hose reel seal kits purchased from Cascade since November 1981 include four (4) continuous type back-up rings. Use of continuous (full circle) back-up rings in the center groove of the shaft (located either side of the center O-ring) will trap pressure and may cause the O-ring to act as a brake against the hose reel hub bore. Decreased rewind spring torque will occur.

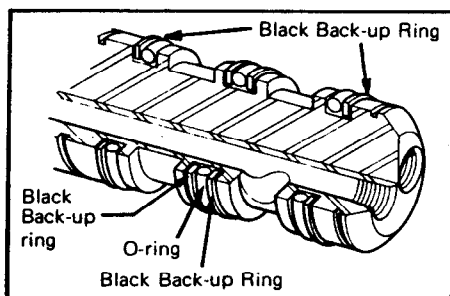
**SOLUTION:** Replace the two (2) center back-up rings with the new split type back-up rings. This will provide a pressure escape passage. The two (2) outer back-up rings will remain of the continuous type.

To assist the Dealer/Parts Manager in obtaining the latest design shelf stock, any seal kits currently in dealer inventory may be updated by contacting the Cascade Parts Dept at the Springfield, Ohio address shown below.

Refer to Cascade Technical Bulletin No. 118 and state quantity of kits in stock. You will receive sufficient quantities of the split type back-up rings to update seal kits in your stock at no charge to you.

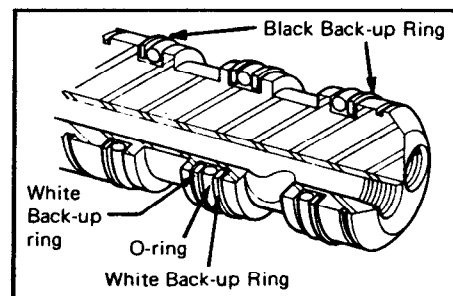
## SEAL KIT (OLD STYLE)

- (1) Seal Loader
- (1) Snap Ring
- (3) O-Rings
- (4) Back-up Rings (Black)
- (1) Instruction Sht. 5201A



## SEAL KIT (NEW STYLE)

- (1) Seal Loader
- (1) Snap Ring
- (3) O-Rings
- (2) Back-up Rings (White)
- (2) Back-up Rings (Black)
- (1) Instruction Sht. 5201B



An Installation Instruction sheet (Form 5201B), is attached for your reference.

# **cascade**<sup>®</sup>

For Technical Support . . .

Call: 1-800-227-2233

OR

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

To Order Parts . . .

Call: 1-888-227-2233

OR

Write: Cascade Corporation, 2501 Sheridan Ave., Springfield, OH 45505