

INSTALLATION and MAINTENANCE INSTRUCTIONS INDUSTRIAL HOSE REELS

NOTE: This reel is intended for use primarily in hand-pull applications. If mounted overhead, mounting height should not exceed 16'.

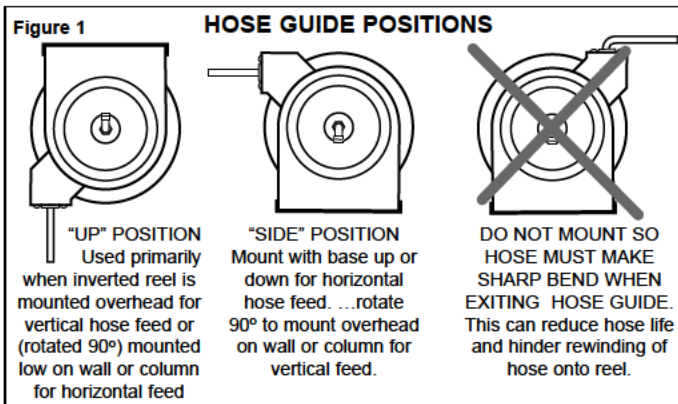
INSTALLATION

1. Securely mount reel in desired position using properly sized hardware. Be sure spool centerline is aligned with hose run.

⚠ CAUTION

If mounting overhead, provide safety chain between reel base and mounting surface to prevent accidental reel drop.

2. Determine hose guide position. Guide must be oriented so that hose pays off reel in a straight line without bends (Fig. 1). If guide position must be changed, remove bolts securing guide to reel and bolts which will secure guide in desired position. Position guide on reel and replace all bolts.



3. Install a flexible connection between the hose reel inlet and the supply line. A flexible connection prevents possible misalignment and binding.
4. Adjust hose stop.

SPRING ADJUSTMENT

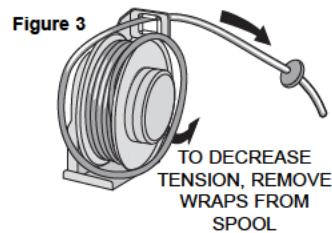
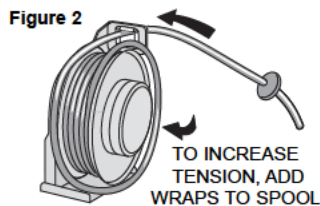
Adjust tension by adding wraps (increasing tension) or removing wraps (decreasing tension) from the spool.

1. Pull about 10' of hose, allowing spool to rotate.

INCREASE TENSION: Without allowing spool to rotate, hand feed hose through hose guide until loop is large enough to slip onto spool. **Add** two or three wraps until desired tension is achieved. See Figure 2.

DECREASE TENSION: Without allowing spool to rotate, hand feed hose back through guide to provide slack. **Remove** one or two wraps from spool. See Figure 3.

2. Test reel operation.



MAINTENANCE

Bearings and springs are prelubricated and require no periodic maintenance.

SPRING REPLACEMENT

If it should be necessary to replace the power spring please contact the factory. You will need to have the model number and serial number from the nameplate on the reel to insure you receive the correct spring. Spring replacement should be performed only by experienced maintenance personnel. Failure to do so could result in personal injury and/or equipment damage.

OUTPUT HOSE REMOVAL

Use the following procedure to remove worn or damaged hose from reel prior to installation of new hose.

⚠ CAUTION

Failure to relieve all spring tension prior to removing hose could result in damage to equipment or personal injury. Follow instructions carefully.

1. Turn off supply line pressure.
2. Remove hose stop and allow hose to retract onto spool. Do not attempt to "backwind" spool by rotating the spool in a counter-clockwise direction, this may cause the power spring to become inoperative.
3. Remove hose from spool by looping over spool flange.
4. Disconnect hose from swivel assembly inside reel.
5. Remove "U"-Bolt and pull hose out of spool.
6. Install new hose following directions below.

HOSE INSTALLATION

Use the following procedure to replace hose.

1. Feed end of hose through hole in spool and connect to swivel assembly.
2. Install "U"-Bolt securing hose to spool.
3. Without allowing spool to rotate, loop hose over spool flange and wind hose onto spool in a clockwise direction until all hose is wrapped onto spool.
4. Rotate spool clockwise one or two turns to apply tension to power spring.
5. Pass end of hose through hose guide.
6. Install and adjust hose stop.
7. Make sure flexible connection between reel and supply is in place and tight. Turn on supply pressure.



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