

INSTALLATION and MAINTENANCE INSTRUCTIONS

UH24 UNIVERSAL HOSE REEL-CHAIN DRIVE



NOTE: These instructions are written for machine pull reels.
If installing or servicing hand pull reel, use only those steps marked with hand .

All units are provided with right hand rotation unless otherwise specified. This means that hose is pulled off spool top left or bottom right (spool rotates clockwise to wind hose) **when viewing spring end of reel**. See diagram on parts page.

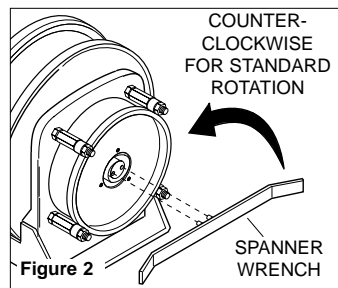
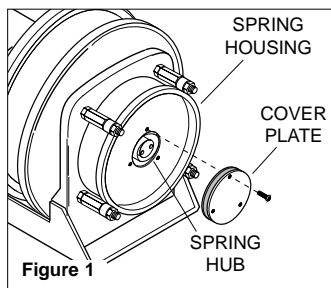
Clock-type springs provide power for automatic hose take-up. **Spring must be pretensioned at time of installation** to insure that tension is applied to hose at all times. A tension adjustment spanner wrench is provided with each reel.

INSTALLATION

WARNING

If machine pull reel, move machinery to position closest to reel before adjusting spring tension. Adjusting tension with hose extended may result in damage to reel or personal injury.

1. Install hose if reel was purchased without hose. See instructions on page 4.
2. Insure that machinery to be serviced by reel is at position closest to reel.
2. Securely mount reel in desired position using 1/2"(M12). Be sure spool is aligned with hose run.
3. Position hose guide if supplied so hose pays-out as straight as possible through hose guide.
4. Connect free end of hose to connections on machine or adjust hose stop so that desired length of hose extends from reel.
5. Connect flexible supply lines to swivel fitting. See HOSE INSTALLATION REFERENCE DRAWING.
NOTE: Do not hard plumb to swivel fitting.
6. Remove cover plate on spring housing to expose shaft and spring hub. (See Figure 1).
7. Insert spanner wrench into holes in spring hub (Fig 2). Rotate spanner wrench counter-clockwise. Number of 360° turns should match last digit in model number on serial plate.



CAUTION

Do not exceed number of turns indicated on serial plate. Over-tensioning can cause a broken spring, sheared shaft or other damage.

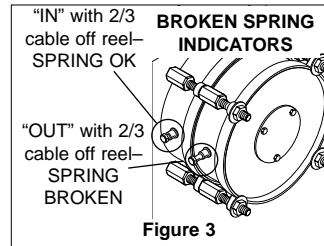
WARNING

Do not attempt to relieve spring tension using spanner wrench. Doing so may result in personal injury.

WARNING

Some reels with large or multiple springs are equipped with a ratcheted adjustment wrench. Follow separate instructions for its use. Failure to use ratcheted wrench, on reels so equipped, could result in serious personal injury.

MAINTENANCE

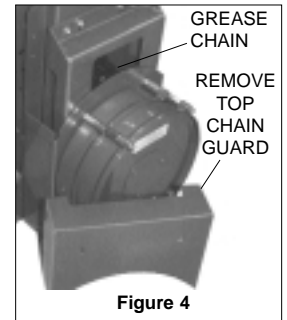


Periodically: A. Inspect hose for wear and check mounting bolts and other hardware for tightness.

B. Check for broken springs by pulling about 2/3 hose off reel and observing "Broken Spring Indicators" on sides of spring canisters (Fig. 3).

C. Remove top chain guard (Fig 4) and grease roller chain.

NOTE: Bearings and springs are prelubricated and require no periodic maintenance.



SPRING REPLACEMENT

The unique SAFETYCHANGE® spring motor consists of a spring and hub sealed within a housing. A replacement spring is supplied sealed in its housing and the old unit should be discarded completely.

WARNING

Do not attempt to remove spring from its housing. Clock-type springs can be dangerous to handle. Removal of spring from housing could result in personal injury.

1. Turn off supply pressure to reel.
2. Insure that machinery to be serviced by reel is at position closest to reel. Disconnect hose from machine connections.
3. Wind all hose onto reel to relieve all spring tension.
4. Remove inspection cover from face of spring housing.
5. Rotate spool clockwise and observe inner shaft. Shaft should rotate clockwise and hub (with spring attached) should remain stationary.

NOTE: Do not attempt to remove spring if resistance is met or hub tends to rotate with shaft. Continue to rotate spool and strike end of shaft several sharp blows with a lead hammer or rubber mallet until shaft rotates freely and hub remains stationary.

6. Remove (4) bolts which secure spring motor to frame.
7. Slide spring motor off shaft and discard.

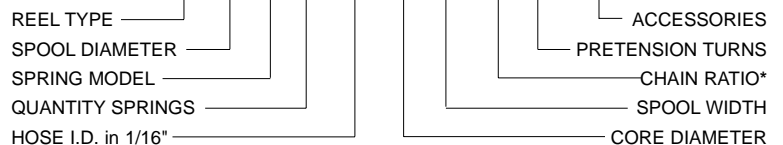
CHAIN DRIVE UH24 UNIVERSAL HOSE REEL REPLACEMENT PARTS LIST

| ITEM | PART NO. | DESCRIPTION | QTY. |
|------|----------|--|------|
| 1 | 042017 | Vertical Frame Assy., Swivel Side | 1 |
| 2 | 012140 | Housing, 2" Bore Bearing | 2 |
| 3 | 103837 | Ball Bearing, 2" Bore | 1 |
| 4 | 038424 | Flat Washer, M8 | 9 |
| 5 | 028268 | ESNA Lock Nut, M8-1.25 | 8 |
| 6 | 042007 | Vertical Frame Assy., Drive Side | 1 |
| 7 | 119114 | Housing, 1.75" Bore Bearing | 2 |
| 8 | 103823 | Ball Bearing, 1.75" Bore | 1 |
| 9 | 042030 | Spool Support Hub, Drive Side | 1 |
| 10 | 012137 | Stub Shaft Drive Pin | 1 |
| 11 | 118322 | Retaining Ring | 1 |
| 12 | 042027 | Spool Disk, U18 | 2 |
| 13 | 04271001 | Wrapper Assy. Kit, 6"w, 10"-12"dia. core <i>(Includes segments & hardware)</i> | 1 |
| 13 | 04271002 | Wrapper Assy. Kit, 8"w, 10"-12"dia. core | 1 |
| 13 | 04271003 | Wrapper Assy. Kit, 10"w, 10"-12"dia. core | 1 |
| 13 | 04271004 | Wrapper Assy. Kit, 12"w, 10"-12"dia. core | 1 |
| 13 | 04271005 | Wrapper Assy. Kit, 14"w, 10"-12"dia. core | 1 |
| 13 | 04271006 | Wrapper Assy. Kit, 6"w, 14"-18"dia. core | 1 |
| 13 | 04271007 | Wrapper Assy. Kit, 8"w, 14"-18"dia. core | 1 |
| 13 | 04271008 | Wrapper Assy. Kit, 10"w, 14"-18"dia. core | 1 |
| 13 | 04271009 | Wrapper Assy. Kit, 12"w, 14"-18"dia. core | 1 |
| 13 | 04271010 | Wrapper Assy. Kit, 14"w, 14"-18"dia. core | 1 |
| 14 | 042711 | Hose Adapter Kit, 0.25NPT, Standard Rotation <i>(Includes swivel, hub, reducer & elbow)</i> | 1 |
| 14 | 042712 | Hose Adapter Kit, 0.38NPT, Standard Rotation | 1 |
| 14 | 042713 | Hose Adapter Kit, 0.50NPT, Standard Rotation | 1 |
| 14 | 042714 | Hose Adapter Kit, 0.75NPT, Standard Rotation <i>(Includes swivel, hub & goose neck fitting)</i> | 1 |
| 14 | 042715 | Hose Adapter Kit, 1.00NPT, Standard Rotation | 1 |
| 14 | 042716 | Hose Adapter Kit, 1.25NPT, Standard Rotation | 1 |
| 14 | 042717 | Hose Adapter Kit, 1.50NPT, Standard Rotation | 1 |
| 14 | 04271401 | Hose Adapter Kit, 0.75NPT, Reverse Rotation | 1 |
| 14 | 04271501 | Hose Adapter Kit, 1.00NPT, Reverse Rotation | 1 |
| 14 | 04271601 | Hose Adapter Kit, 1.25NPT, Reverse Rotation | 1 |
| 14 | 04271701 | Hose Adapter Kit, 1.50NPT, Reverse Rotation | 1 |
| 14a | 102159 | Swivel Joint Only, 0.25 (Reducer Required) | 1 |
| 14a | 102159 | Swivel Joint Only, 0.38 (Reducer Required) | 1 |
| 14a | 102159 | Swivel Joint Only, 0.50 | 1 |
| 14a | 024670 | Swivel Joint Only, 0.75 | 1 |
| 14a | 102160 | Swivel Joint Only, 1.00 | 1 |
| 14a | 102161 | Swivel Joint Only, 1.25 | 1 |
| 14a | 041276 | Swivel Joint Only, 1.50 | 1 |
| 15 | 028138 | Lockwasher, M10 | 4 |
| 16 | 028131 | Hex Hd. Cap Screw, M10-1.5 x 20L | 4 |
| 17 | 04272201 | Bottom Base Kit, 6" wide Wrapper <i>(Includes mounting hardware)</i> | 1 |
| 17 | 04272202 | Bottom Base Kit, 8" wide Wrapper | 1 |
| 17 | 04272203 | Bottom Base Kit, 10" wide Wrapper | 1 |
| 17 | 04272204 | Bottom Base Kit, 12" wide Wrapper | 1 |
| 17 | 04272205 | Bottom Base Kit, 14" wide Wrapper | 1 |
| 18 | 042733 | Spanner Wrench (35-80 Springs) <i>(Includes mounting hardware)</i> | 1 |
| 18 | 042734 | Spanner Wrench (100 Springs) | 1 |
| 19 | 042041 | Gearbox backplate | 1 |
| 20 | 103826 | Housing, 1" Bore Bearing | 4 |
| 21 | 103825 | Ball Bearing, 1" Bore | 2 |

| ITEM | PART NO. | DESCRIPTION | QTY. |
|-----------|----------|---|---------|
| 22 | 042042 | Outside Gearbox Plate | 1 |
| 23 | 042043 | Stub Shaft, Chain Drive | 1 |
| 24 | 029880 | Key | 1 |
| 25 | 046803 | Sprocket-50B12 | 1 |
| 25 | 042045 | Sprocket-50B15 | 1 |
| 25 | 042046 | Sprocket-50B16 | 1 |
| 25 | 042047 | Sprocket-50B18 | 1 |
| 25 | 042049 | Sprocket-50B24 | 1 |
| 25 | 042050 | Sprocket-50B36 | 1 |
| 25 | 046804 | Sprocket-50B39 | 1 |
| 25 | 042051 | Sprocket-50B40 | 1 |
| 25 | 046802 | Sprocket-50B45 | 1 |
| 25 | 042052 | Sprocket-50B48 | 1 |
| 26 | 104789 | Roller Chain (May be shortened as Required) | 3.5 ft. |
| Not shown | 015680 | Connecting Link | 1 |
| 27 | 031484 | Hex Hd. Cap Screw, M12-1.75 x 35L | 4 |
| 28 | 025942 | Lockwasher, M12 | 4 |
| 29 | 025941 | Hex Nut, M12-1.75 | 4 |
| 30 | 042044 | Bottom Guard, Chain Drive | 1 |
| 31 | 042184 | Top Guard, Chain Drive | 1 |
| 32 | 028151 | Hex Hd. Cap Screw, M6-1.0 x 12L | 4 |
| 33 | 042168 | Stub Shaft, 1002, Chain, Standard Rotation | 1 |
| 33 | 042169 | Stub Shaft, 1001, Chain, Standard Rotation | 1 |
| 33 | 042172 | Stub Shaft, 802/622/752, Chain, Std. Rot. | 1 |
| 33 | 042173 | Stub Shaft, 801/621/751, Chain, Std. Rot. | 1 |
| 33 | 042176 | Stub Shaft, 1002, Chain, Reverse Rotation | 1 |
| 33 | 042177 | Stub Shaft, 1001, Chain, Reverse Rotation | 1 |
| 33 | 042180 | Stub Shaft, 802/622/752, Chain, Rev. Rot. | 1 |
| 33 | 042181 | Stub Shaft, 801/621/751, Chain, Rev. Rot. | 1 |
| 34 | 012426 | Pawl Kit (62, 75 & 80 Springs) <i>(Includes 2 pawls & springs)</i> | AR |
| 34 | 012427 | Pawl Kit (100 Spring) | AR |
| 35 | 042183 | Stand-off, 62, 75 & 80 Springs | AR |
| 35 | 042182 | Stand-off, 100 Spring | AR |
| 36 | 029159 | Flat Washer, M12 | 4 |
| 37 | 028502 | ESNA Nut, M12-1.75 | 4 |
| 38 | 042725 | Spring Motor Kit, 62, Standard Rotation <i>(Includes items 20, 27, 28, 29, & 30)</i> | AR |
| 38 | 042730 | Spring Motor Kit, 62, Reverse Rotation | AR |
| 38 | 042726 | Spring Motor Kit, 75, Standard Rotation | AR |
| 38 | 042731 | Spring Motor Kit, 75, Reverse Rotation | AR |
| 38 | 042724 | Spring Motor Kit, 80, Standard Rotation | AR |
| 38 | 042729 | Spring Motor Kit, 80, Reverse Rotation | AR |
| 38 | 042723 | Spring Motor Kit, 100, Standard Rotation | AR |
| 38 | 042728 | Spring Motor Kit, 100, Reverse Rotation | AR |
| 39 | G51-23 | Gasket, Hub Cover | 1 |
| 40 | G27-42 | Hub Cover, Springs | 1 |
| 41 | 101220 | Screw, #8-32 x 0.25" Lg. | 3 |
| 42 | 021762 | Hub Lock Pin Kit (100 Springs) <i>(Includes two pins)</i> | 1 |
| 42 | 021761 | Hub Lock Pin Kit (All Other Springs) | 1 |
| 43 | 042735 | Ratchet Wrench Kit (35-80 Springs) | 1 |
| 43 | 042736 | Ratchet Wrench Kit (100 Springs) | 1 |

Reel Model Number Structure

UH 24 80 1 - 08 - 10 06 - B - 1 - HSD

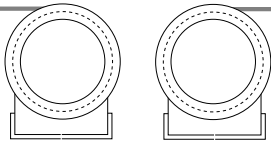


*See chart, following page

ACCESSORY CODE

| | |
|-----------------------------|----------------------------------|
| Horizontal Roller Guide = H | 340° Pivot Base = P |
| Vertical Roller Guide = V | Dog & Ratchet (ratchet lock) = D |
| Spool Lock = S | Limit Switch = L |

TO DETERMINE ROTATION OF REEL

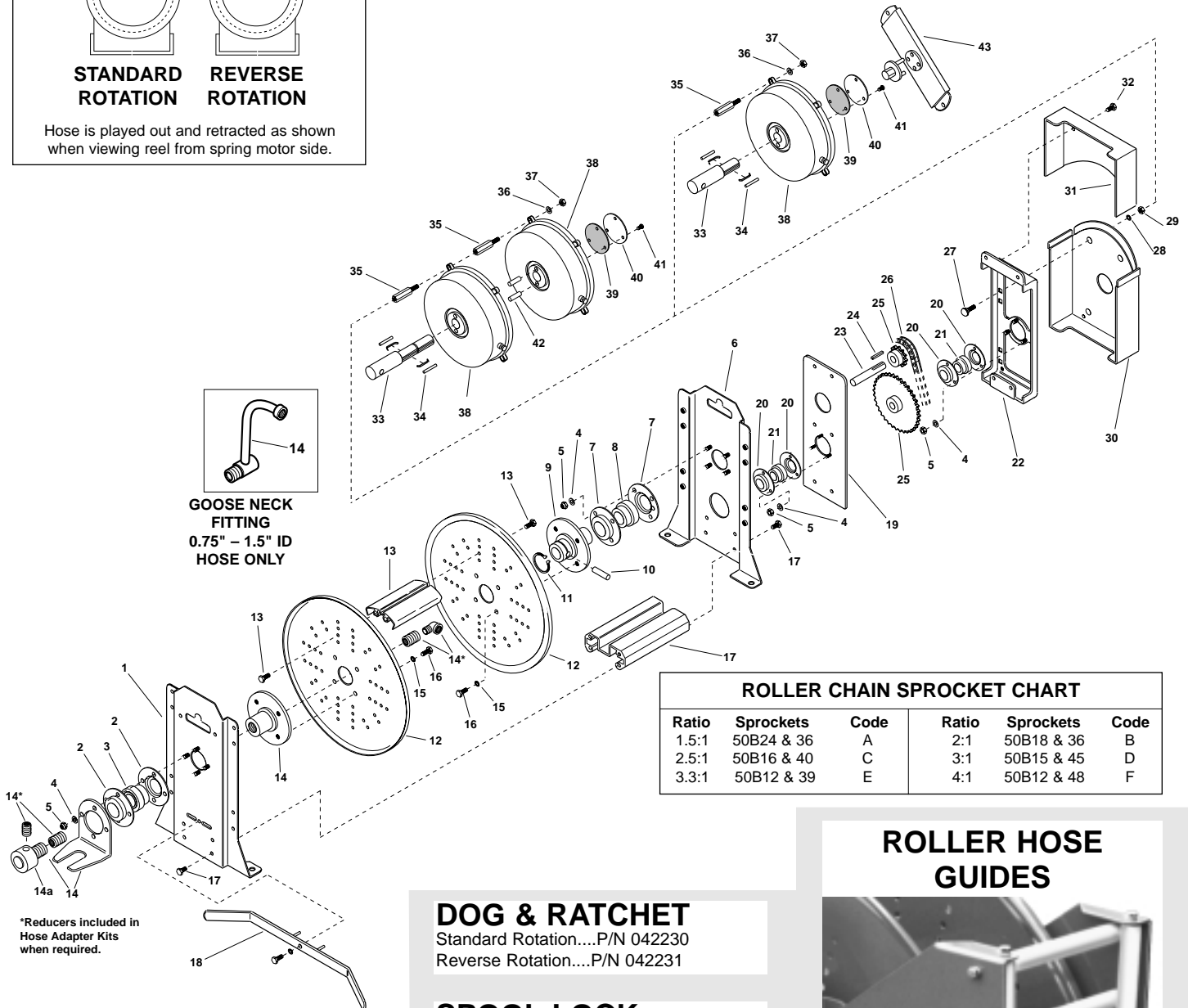


**STANDARD
ROTATION**

**REVERSE
ROTATION**

Hose is played out and retracted as shown when viewing reel from spring motor side.

**Always specify
SERIAL NUMBER & MODEL NUMBER
when ordering parts.**



**GOOSE NECK
FITTING
0.75" - 1.5" ID
HOSE ONLY**

ROLLER CHAIN SPROCKET CHART

| Ratio | Sprockets | Code | Ratio | Sprockets | Code |
|-------|------------|------|-------|------------|------|
| 1.5:1 | 50B24 & 36 | A | 2:1 | 50B18 & 36 | B |
| 2.5:1 | 50B16 & 40 | C | 3:1 | 50B15 & 45 | D |
| 3.3:1 | 50B12 & 39 | E | 4:1 | 50B12 & 48 | F |

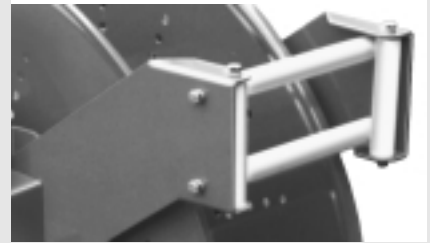
DOG & RATCHET

Standard Rotation....P/N 042230
Reverse Rotation....P/N 042231

SPOOL LOCK

All models....P/N 042227

ROLLER HOSE GUIDES



HORIZONTAL (shown)

| SPOOL WIDTH | PART NUMBER |
|-------------|-------------|
| 6" | 042200 |
| 8" | 042201 |
| 10" | 042202 |
| 12" | 042203 |
| 14" | 042204 |

VERTICAL

| SPOOL WIDTH | PART NUMBER |
|-------------|-------------|
| 6" | 042270 |
| 8" | 042271 |
| 10" | 042272 |
| 12" | 042273 |
| 14" | 042274 |

HOSE STOPS

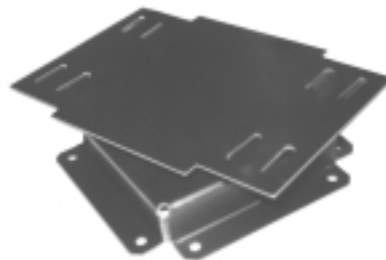


**TYPE
A
3.00" O.D.**

**TYPE
B
3.50" O.D.**

| PART NUMBER | TYPE | FITS O.D.s MIN - MAX |
|-------------|------|-------------------------|
| 037529 | B | 0.44 - 0.62 |
| 037531 | A | 0.62 - 0.75 |
| 037532 | A | 0.75 - 1.05 |
| 037533 | A | 1.06 - 1.30 |
| 037535 | B | 0.75 - 1.05 |
| 037536 | B | 1.06 - 1.38 |
| 037537 | B | 1.39 - 1.55 |
| 041845 | B | 1.56 - 1.87 |
| 041846 | B | 1.88 - 2.06 |

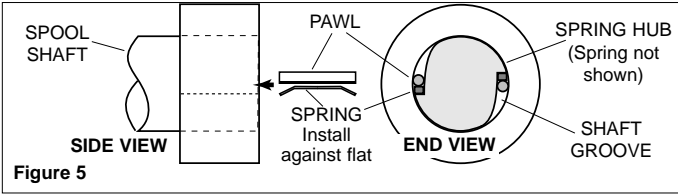
340° PIVOT BASE



| SPOOL WIDTH | PART NUMBER |
|-------------|-------------|
| 4"-6" | 042284 |
| 8"-10" | 042285 |
| 12"-14" | 042286 |

8. Install replacement spring motor, pawls and pawl springs.

NOTE: Pawl springs must be located between the pawls and the deepest section of the shaft grooves. Make sure that pawls and pawl springs are inserted flush with ends of shaft and hub or they may rub against inspection cover (Fig. 5).



9. Tighten bolts securing spring housing to reel frame.

10. Connect free end of hose to connections on machine or adjust hose stop so that desired length of hose extends from reel.

11. Tension spring with spanner wrench. Refer to **INSTALLATION** section.

12. Replace inspection cover.

HOSE REMOVAL

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

1. Move machine serviced by reel to a position closest to reel. Spring will still be under pre-tension at this point.

2. Turn off supply pressure to reel.

3. Disconnect hose from machine or other attachments. Remove hose stop, if installed, and allow hose to retract onto spool. Ensure all tension is off spring by manually rotating spool (normally clockwise when viewed from spring side).

4. Unwrap hose without allowing spool to turn.

5. Disconnect hose from elbows inside spool wrapper.

6. Install new hose following directions below.

HOSE INSTALLATION

Use the following procedure to replace hose or if reel was ordered without hose. Refer to **HOSE INSTALLATION REFERENCE DRAWING**, below.

1. Unspool new hose from shipping spool and lay out to eliminate twist.

NOTE: This step is not essential, but will aid in winding operation of the reel and prolong hose life.

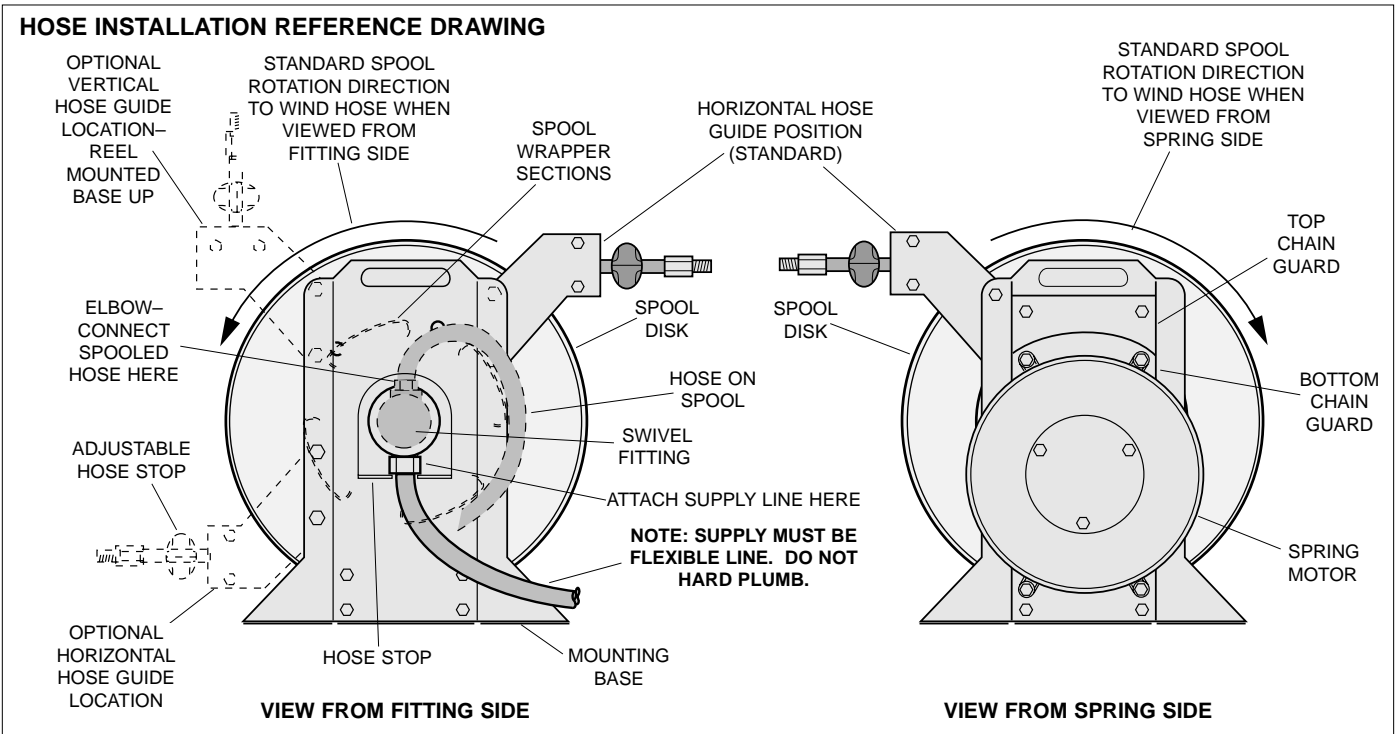
2. Insert hose end through guide and connect to elbows inside spool wrapper. (See drawing below.)

5. Wind the hose onto the reel spool by hand rotating spool in direction it turns free of spring tension. (Normally clockwise when viewed from spring side)

6. Adjust hose stop (not used on machine pull reel).

7. Complete working end connections.

8. Pretension reel and complete installation as described in **REEL INSTALLATION** section.



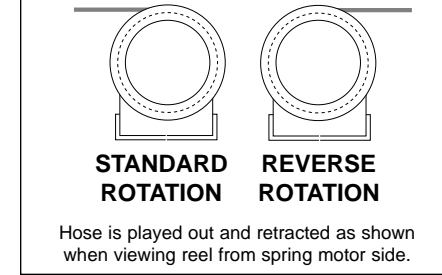
GLEASON REEL CORP.
600 South Clark St.
Mayville, WI 53050-0026
Phone 920-387-4120 • Fax 920-387-4189

**CHAIN DRIVE UH24 UNIVERSAL HOSE REEL
REPLACEMENT PARTS LIST**

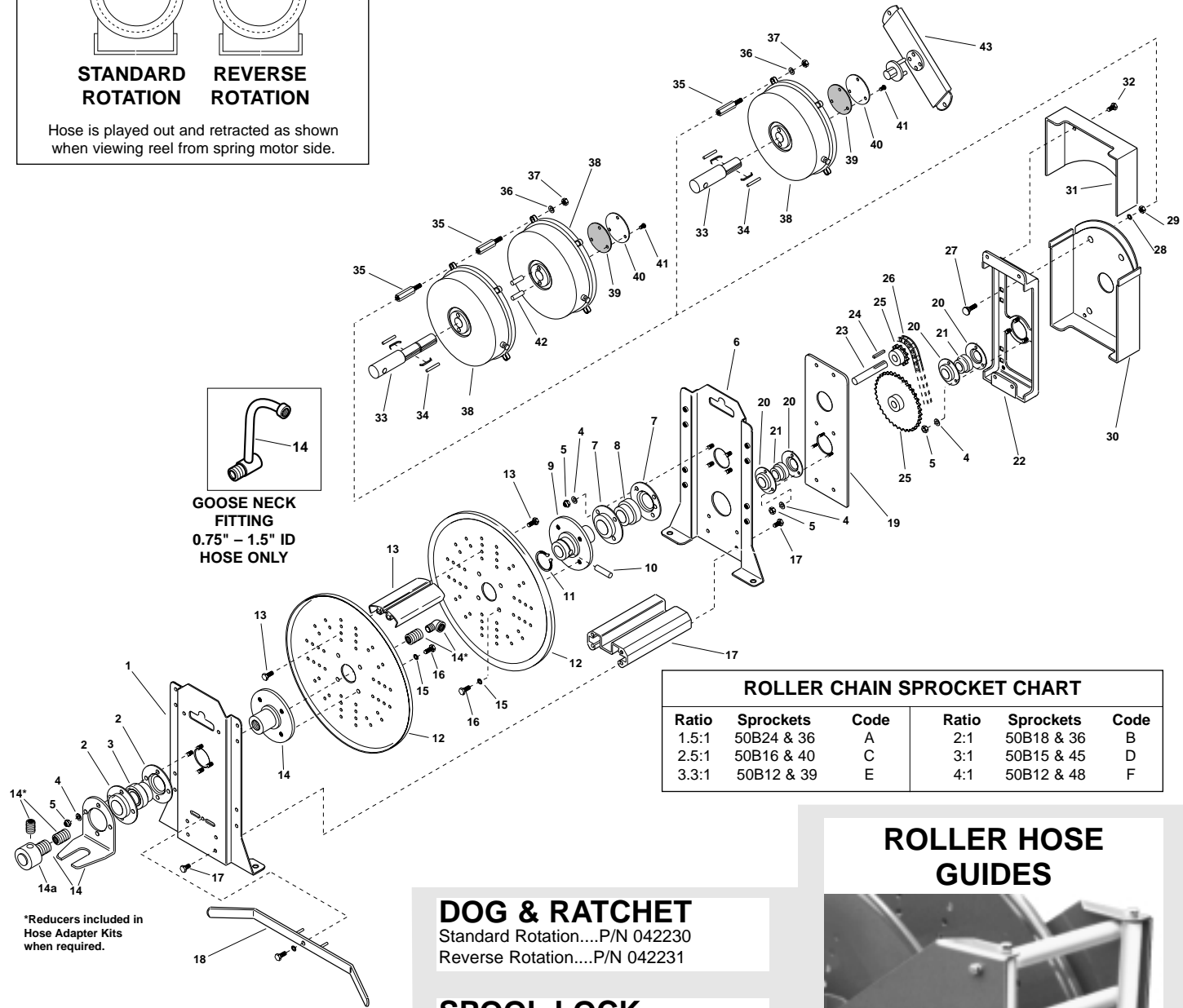
| ITEM | PART NO. | DESCRIPTION | QTY. |
|------|----------|--|------|
| 1 | 042017 | Vertical Frame Assy., Swivel Side | 1 |
| 2 | 012140 | Housing, 2" Bore Bearing | 2 |
| 3 | 103837 | Ball Bearing, 2" Bore | 1 |
| 4 | 038424 | Flat Washer, M8 | 9 |
| 5 | 028268 | ESNA Lock Nut, M8-1.25 | 8 |
| 6 | 042007 | Vertical Frame Assy., Drive Side | 1 |
| 7 | 119114 | Housing, 1.75" Bore Bearing | 2 |
| 8 | 103823 | Ball Bearing, 1.75" Bore | 1 |
| 9 | 042030 | Spool Support Hub, Drive Side | 1 |
| 10 | 012137 | Stub Shaft Drive Pin | 1 |
| 11 | 118322 | Retaining Ring | 1 |
| 12 | 042027 | Spool Disk, U18 | 2 |
| 13 | 04271001 | Wrapper Assy. Kit, 6" w, 10"-12" dia. core <i>(Includes segments & hardware)</i> | 1 |
| 13 | 04271002 | Wrapper Assy. Kit, 8" w, 10"-12" dia. core | 1 |
| 13 | 04271003 | Wrapper Assy. Kit, 10" w, 10"-12" dia. core | 1 |
| 13 | 04271004 | Wrapper Assy. Kit, 12" w, 10"-12" dia. core | 1 |
| 13 | 04271005 | Wrapper Assy. Kit, 14" w, 10"-12" dia. core | 1 |
| 13 | 04271006 | Wrapper Assy. Kit, 6" w, 14"-18" dia. core | 1 |
| 13 | 04271007 | Wrapper Assy. Kit, 8" w, 14"-18" dia. core | 1 |
| 13 | 04271008 | Wrapper Assy. Kit, 10" w, 14"-18" dia. core | 1 |
| 13 | 04271009 | Wrapper Assy. Kit, 12" w, 14"-18" dia. core | 1 |
| 13 | 04271010 | Wrapper Assy. Kit, 14" w, 14"-18" dia. core | 1 |
| 14 | 042711 | Hose Adapter Kit, 0.25NPT, Standard Rotation <i>(Includes swivel, hub, reducer & elbow)</i> | 1 |
| 14 | 042712 | Hose Adapter Kit, 0.38NPT, Standard Rotation | 1 |
| 14 | 042713 | Hose Adapter Kit, 0.50NPT, Standard Rotation | 1 |
| 14 | 042714 | Hose Adapter Kit, 0.75NPT, Standard Rotation <i>(Includes swivel, hub & goose neck fitting)</i> | 1 |
| 14 | 042715 | Hose Adapter Kit, 1.00NPT, Standard Rotation | 1 |
| 14 | 042716 | Hose Adapter Kit, 1.25NPT, Standard Rotation | 1 |
| 14 | 042717 | Hose Adapter Kit, 1.50NPT, Standard Rotation | 1 |
| 14 | 04271401 | Hose Adapter Kit, 0.75NPT, Reverse Rotation | 1 |
| 14 | 04271501 | Hose Adapter Kit, 1.00NPT, Reverse Rotation | 1 |
| 14 | 04271601 | Hose Adapter Kit, 1.25NPT, Reverse Rotation | 1 |
| 14 | 04271701 | Hose Adapter Kit, 1.50NPT, Reverse Rotation | 1 |
| 14a | 102159 | Swivel Joint Only, 0.25 (Reducer Required) | 1 |
| 14a | 102159 | Swivel Joint Only, 0.38 (Reducer Required) | 1 |
| 14a | 102159 | Swivel Joint Only, 0.50 | 1 |
| 14a | 024670 | Swivel Joint Only, 0.75 | 1 |
| 14a | 102160 | Swivel Joint Only, 1.00 | 1 |
| 14a | 102161 | Swivel Joint Only, 1.25 | 1 |
| 14a | 041276 | Swivel Joint Only, 1.50 | 1 |
| 15 | 028138 | Lockwasher, M10 | 4 |
| 16 | 028131 | Hex Hd. Cap Screw, M10-1.5 x 20L | 4 |
| 17 | 04272201 | Bottom Base Kit, 6" wide Wrapper <i>(Includes mounting hardware)</i> | 1 |
| 17 | 04272202 | Bottom Base Kit, 8" wide Wrapper | 1 |
| 17 | 04272203 | Bottom Base Kit, 10" wide Wrapper | 1 |
| 17 | 04272204 | Bottom Base Kit, 12" wide Wrapper | 1 |
| 17 | 04272205 | Bottom Base Kit, 14" wide Wrapper | 1 |
| 18 | 042733 | Spanner Wrench (35-80 Springs) <i>(Includes mounting hardware)</i> | 1 |
| 18 | 042734 | Spanner Wrench (100 Springs) | 1 |
| 19 | 042041 | Gearbox backplate | 1 |
| 20 | 103826 | Housing, 1" Bore Bearing | 4 |
| 21 | 103825 | Ball Bearing, 1" Bore | 2 |

| ITEM | PART NO. | DESCRIPTION | QTY. |
|-----------|----------|---|---------|
| 22 | 042042 | Outside Gearbox Plate | 1 |
| 23 | 042043 | Stub Shaft, Chain Drive | 1 |
| 24 | 029880 | Key | 1 |
| 25 | 046803 | Sprocket-50B12 | 1 |
| 25 | 042045 | Sprocket-50B15 | 1 |
| 25 | 042046 | Sprocket-50B16 | 1 |
| 25 | 042047 | Sprocket-50B18 | 1 |
| 25 | 042049 | Sprocket-50B24 | 1 |
| 25 | 042050 | Sprocket-50B36 | 1 |
| 25 | 046804 | Sprocket-50B39 | 1 |
| 25 | 042051 | Sprocket-50B40 | 1 |
| 25 | 046802 | Sprocket-50B45 | 1 |
| 25 | 042052 | Sprocket-50B48 | 1 |
| 26 | 104789 | Roller Chain (May be shortened as Required) | 3.5 ft. |
| Not shown | 015680 | Connecting Link | 1 |
| 27 | 031484 | Hex Hd. Cap Screw, M12-1.75 x 35L | 4 |
| 28 | 025942 | Lockwasher, M12 | 4 |
| 29 | 025941 | Hex Nut, M12-1.75 | 4 |
| 30 | 042044 | Bottom Guard, Chain Drive | 1 |
| 31 | 042184 | Top Guard, Chain Drive | 1 |
| 32 | 028151 | Hex Hd. Cap Screw, M6-1.0 x 12L | 4 |
| 33 | 042168 | Stub Shaft, 1002, Chain, Standard Rotation | 1 |
| 33 | 042169 | Stub Shaft, 1001, Chain, Standard Rotation | 1 |
| 33 | 042172 | Stub Shaft, 802/622/752, Chain, Std. Rot. | 1 |
| 33 | 042173 | Stub Shaft, 801/621/751, Chain, Std. Rot. | 1 |
| 33 | 042176 | Stub Shaft, 1002, Chain, Reverse Rotation | 1 |
| 33 | 042177 | Stub Shaft, 1001, Chain, Reverse Rotation | 1 |
| 33 | 042180 | Stub Shaft, 802/622/752, Chain, Rev. Rot. | 1 |
| 33 | 042181 | Stub Shaft, 801/621/751, Chain, Rev. Rot. | 1 |
| 34 | 012426 | Pawl Kit (62, 75 & 80 Springs) <i>(Includes 2 pawls & springs)</i> | AR |
| 34 | 012427 | Pawl Kit (100 Spring) | AR |
| 35 | 042183 | Stand-off, 62, 75 & 80 Springs | AR |
| 35 | 042182 | Stand-off, 100 Spring | AR |
| 36 | 029159 | Flat Washer, M12 | 4 |
| 37 | 028502 | ESNA Nut, M12-1.75 | 4 |
| 38 | 042725 | Spring Motor Kit, 62, Standard Rotation <i>(Includes items 20, 27, 28, 29, & 30)</i> | AR |
| 38 | 042730 | Spring Motor Kit, 62, Reverse Rotation | AR |
| 38 | 042726 | Spring Motor Kit, 75, Standard Rotation | AR |
| 38 | 042731 | Spring Motor Kit, 75, Reverse Rotation | AR |
| 38 | 042724 | Spring Motor Kit, 80, Standard Rotation | AR |
| 38 | 042729 | Spring Motor Kit, 80, Reverse Rotation | AR |
| 38 | 042723 | Spring Motor Kit, 100, Standard Rotation | AR |
| 38 | 042728 | Spring Motor Kit, 100, Reverse Rotation | AR |
| 39 | G51-23 | Gasket, Hub Cover | 1 |
| 40 | G27-42 | Hub Cover, Springs | 1 |
| 41 | 101220 | Screw, #8-32 x 0.25" Lg. | 3 |
| 42 | 021762 | Hub Lock Pin Kit (100 Springs) <i>(Includes two pins)</i> | 1 |
| 42 | 021761 | Hub Lock Pin Kit (All Other Springs) | 1 |
| 43 | 042735 | Ratchet Wrench Kit (35-80 Springs) | 1 |
| 43 | 042736 | Ratchet Wrench Kit (100 Springs) | 1 |

TO DETERMINE ROTATION OF REEL



Always specify
SERIAL NUMBER & MODEL NUMBER
when ordering parts.



ROLLER CHAIN SPROCKET CHART

| Ratio | Sprockets | Code | Ratio | Sprockets | Code |
|-------|------------|------|-------|------------|------|
| 1.5:1 | 50B24 & 36 | A | 2:1 | 50B18 & 36 | B |
| 2.5:1 | 50B16 & 40 | C | 3:1 | 50B15 & 45 | D |
| 3.3:1 | 50B12 & 39 | E | 4:1 | 50B12 & 48 | F |

ROLLER HOSE GUIDES

HORIZONTAL (shown)

| SPOOL WIDTH | PART NUMBER |
|-------------|-------------|
| 6" | 042200 |
| 8" | 042201 |
| 10" | 042202 |
| 12" | 042203 |
| 14" | 042204 |

DOG & RATCHET
Standard Rotation....P/N 042230
Reverse Rotation....P/N 042231

SPOOL LOCK
All models....P/N 042227

HOSE STOPS

| PART NUMBER | TYPE | FITS O.D.s MIN - MAX |
|-------------|------|----------------------|
| 037529 | B | 0.44 - 0.62 |
| 037531 | A | 0.62 - 0.75 |
| 037532 | A | 0.75 - 1.05 |
| 037533 | A | 1.06 - 1.30 |
| 037535 | B | 0.75 - 1.05 |
| 037536 | B | 1.06 - 1.38 |
| 037537 | B | 1.39 - 1.55 |
| 041845 | B | 1.56 - 1.87 |
| 041846 | B | 1.88 - 2.06 |

340° PIVOT BASE

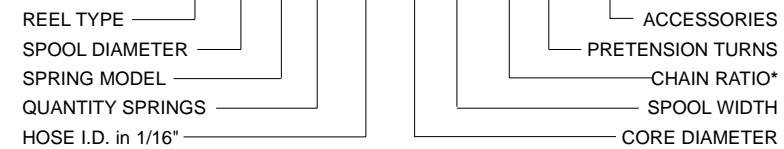
| SPOOL WIDTH | PART NUMBER |
|-------------|-------------|
| 4"-6" | 042284 |
| 8"-10" | 042285 |
| 12"-14" | 042286 |

VERTICAL

| SPOOL WIDTH | PART NUMBER |
|-------------|-------------|
| 6" | 042270 |
| 8" | 042271 |
| 10" | 042272 |
| 12" | 042273 |
| 14" | 042274 |

Reel Model Number Structure

UH 24 80 1 - 08 - 10 06 - B - 1 - HSD



ACCESSORY CODE

| | |
|-----------------------------|----------------------------------|
| Horizontal Roller Guide = H | 340° Pivot Base = P |
| Vertical Roller Guide = V | Dog & Ratchet (ratchet lock) = D |
| Spool Lock = S | Limit Switch = L |

*See chart, following page