



# Retractable Air, Nitrogen & Water Hose Reels Parts and Technical Service Guide

## Levelwind™ Series

Please read and follow instructions carefully; otherwise, warranty may be void.

Model L8305  
Model L8310-EU  
Model L8346

Model L8305N  
Model L 8305-EU  
Model L8335

Model L8347  
Model L 8306  
Model L8335-EU

Model L8347  
Model L 8306  
Model L8335-EU

Model L8349  
Model L8306-EU  
Model L8344

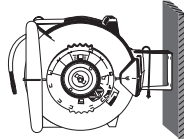
Model L8350  
Model L8310  
Model L8345  
Model L8350-EU

### Mounting Options:

**CAUTION:** Maximum installation height is 15 ft. (4.5 meters) above ground. Maximum weight of hose end tools is 4 lb. ( 2 kg). Maximum working pressure is 350 PSI (24 bar). (140 PSI (9.65 bar) for Models L8346, L8347, L8349 & L8350). 300 PSI (20.68 bar) for Model L8335. Do not stand or step on top of reel!

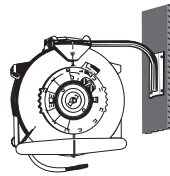
#### Mounting to wall

Positioned up to 5 ft. (1.5 m) high.  
Use standard replacement part  
L8300-W Wall /Overhead bracket



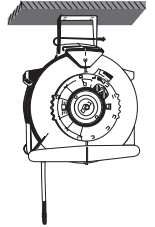
#### High Wall Mounting

Mount reel between 10 ft. and 15 ft.  
(3-4.5 m) high on wall. Use optional  
Bench / High Wall mounting bracket  
Model L8300-B



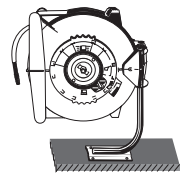
#### Mounting overhead

Up to 15 ft. (4.5 m) from floor. Use  
standard replacement part L8300-W Wall /  
overhead bracket.



#### Mounting to a bench

Use optional Bench / High Wall mounting  
bracket model L8300-B



### Installation:

LEVELWIND retractable hose reels are designed for minimum assembly.

- 1) Place bracket on a flat mounting surface. With a pencil trace bracket back holes onto surface. Use a leveling device to ensure that the bracket will be level once fastened. Fasten brackets to surface with screws ( screws are not included ).
- 2) Remove bracket rod (A) from bracket (B) ( SEE FIGURE 1 )
- 3) Place reel into bracket making sure the reel hole is aligned with bracket end holes.
- 4) Insert bracket rod through the aligned holes of reel and bracket. Insert hitch-pin clip through end of bracket rod.
- 5) Connect female end of lead-in hose to inlet connection on reel. Connect male end to air or water source ( SEE FIGURE 2 ).

Fig. 1

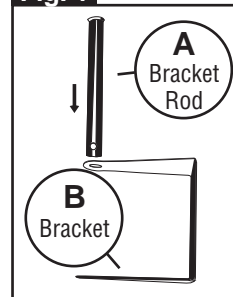
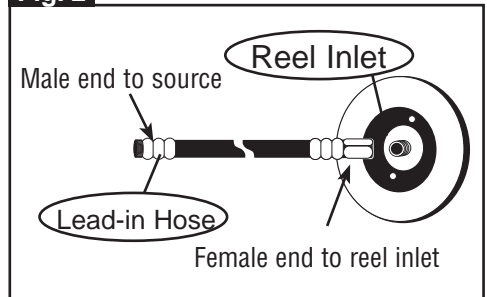


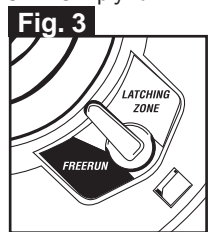
Fig. 2



### Operating Instructions:

LEVELWIND retractable hose reels can operate in FREERUN or can be latched every 3 ft. (91 cm) by switching to the LATCHING ZONE. Simply turn the mode switch to desired position! ( SEE FIGURE 3 )

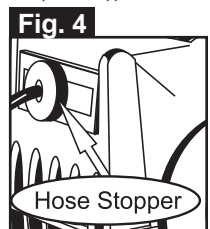
**THE "LATCHING ZONE":** LEVELWIND reels have a single latching zone. The reel can be latched for every drum revolution approx. 3 ft. (91 cm) of hose. There are audible clicking sounds as the spring loaded latch passes over the latching zone. The latching zone flips the latch so that the latch goes into or by-passes the latching position. Pulling hose straight out off the reel "flips the latch" so it can go into the latching position. Retracting the hose into the reel keeps the latch "flipped" so that the latch by-passes the latching position.



**LATCHING** - Pull out the desired length of hose. As you are pulling out hose from the reel, listen for a "click". STOP! Don't pull any further! If you keep pulling out hose (more than 14 in. (36 cm)) after hearing the "click", you will have pulled past the latching zone. Now, allow the hose to go back into the reel (less than 14 in. (36 cm)) and the latch will drop into the latching position. The reel is now latched!

**RETRACTING** - Assuming the latch is engaged in the latching position, pull out hose until you hear a "click" (approx. 14 in. (36 cm)). STOP! Don't pull any further! If you pull out more than 3 ft. (91 cm) of hose after hearing the "click", you will have gone a full drum revolution and back into the latching zone where the reel will once again be latched. Now, allow the hose to retract back into the reel.

The hose reel will continue retracting hose until it is fully retracted. If you decide to re-latch the reel while you are still retracting hose, simply listen for a click. STOP! Slowly pull out hose until you hear a second click. STOP! Don't pull any further. Now, slowly allow the hose back into the reel (less than 14 in. (36 cm)) and the latch will drop into the latching



**FREERUN MODE:** The hose does not latch in this mode. Hose will automatically retract back into reel. The hose stopper position may be adjusted to desired length for application (SEE FIGURE 4) **CAUTION!** Do not release the end of the hose when rewinding as personal injury or damage could result!

## SEVEN POSITION LOCKING BRACE

LEVELWIND retractable hose reels can swing freely on bracket or can be locked in one of seven positions, allowing for specific mounting requirements.

### Standard bracket

- 1) Remove bracket rod from reel. (SEE FIGURE 5A)
- 2) Place seven position locking brace over bracket so that bracket rod holes are aligned. Replace bracket rod so that brace, reel & bracket are attached. Insert hitch-pin clip through end of bracket rod. (SEE FIGURE 5B)
- 3) Rotate bracket so that it is at desired angle & lock into place with fastener. (SEE FIGURE 5B)

Fig. 5a

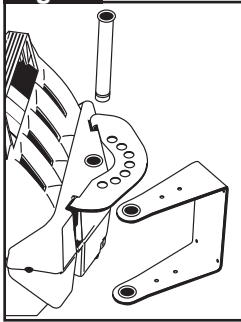


Fig. 5b

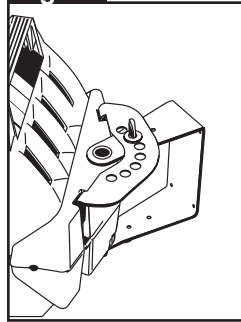
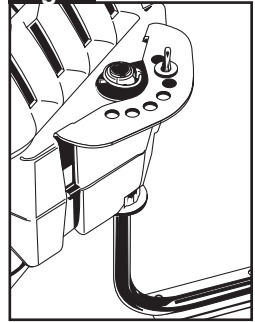


Fig. 6



Optional Bench/High Wall Mounting Bracket (see figure 6)

## Maintenance Procedures

### TENSION ADJUSTMENT:

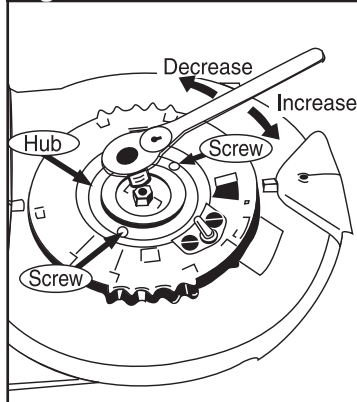
This reel is preloaded with spring tension that is set at the factory. If the reel becomes completely un-tensioned, please identify your hose reel model number referenced in the Factory Preset Tensioning Table to find out how many turns are needed for proper tensioning. If a heavy air tool is attached to the end of the hose, you may need to add tension to overcome the weight of this tool. **DO NOT EXCEED** one full turn past the number of turns listed in the Factory Preset Tensioning Chart below.

#### TOOLS REQUIRED:

Phillips Screw Driver, 3/4 in. Socket Wrench

- 1) Lay reel on its side. ( SEE FIGURE 7 )
- 2) Place wrench on hub fitting plate nut. **HOLD WRENCH FIRMLY.**
- 3) Unscrew hub. **DO NOT REMOVE SIDEPLATE.**
- 4) Turn wrench either 1/2 turn or no more than one full turn. Turn clockwise to increase tension. Turn counterclockwise to decrease tension.
- 5) Replace hub plate screws and tighten. Return reel to mounting bracket.

Fig.7



### Factory Preset Tensioning Table

Model #	# of Turns
L8305	3
L8305N	3
L8305-EU	3
L8306	5
L8306-EU	5
L8310	4
L8310-EU	4
L8335	4
L8335-EU	4
L8344	4
L8345	4
L8346	4
L8347	4
L8349	4
L8350	11
L8350-EU	11

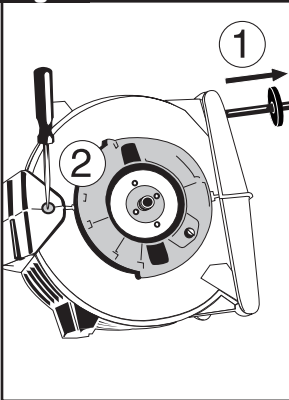
### HOSE REPLACEMENT:

To ensure proper performance, please consult the Hose Replacement Kit table for the appropriate part number to order. Call 1(800) 645-8258 to order kit.

#### Replacement Hose Kits

- 1) Pull entire length of hose out of reel. ( SEE FIGURE 8 )
- 2) While entire length of hose is out of the reel, place long screw driver (3/8 in. in diameter (9 mm)) all the way through the hole located at the back portion of reel. This eliminates any chance for the reel to retract while replacing hose.

Fig. 8



### Replacement Hose Kits

Model #	Description
RP005005	Replacement Hose Assembly for L8305
RP005005-N	Replacement Hose Assembly for L8305N
RP005005-EU	Replacement Hose Assembly for L8305-EU
RP005006	Replacement Hose Assembly for L8306
RP005006-EU	Replacement Hose Assembly for L8306-EU
RP005008	Replacement Hose Assembly for L8310
RP0050058-EU	Replacement Hose Assembly for L8310-EU
RP005035	Replacement Hose Assembly for L8335
RP005035-EU	Replacement Hose Assembly for L8335-EU
RP005023	Replacement Hose Assembly for L8344
RP005069	Replacement Hose Assembly for L8345
RP005047	Replacement Hose Assembly for L8347
RP005049	Replacement Hose Assembly for L8349, L8346
RP005069	Replacement Hose Assembly for L8350
RP005069-EU	Replacement Hose Assembly for L8350-EU

### Sideplate removal

- 3) Locate inlet sideplate. Remove four fasteners (SEE FIGURE 9). While placing fingers on grooves located on the top and bottom of sideplate, depress locking tabs at the same time with thumbs (SEE FIGURE 10). Rotate side plate either way until sideplate unlocks. Remove sideplate.
- 4) Remove wear plate (SEE FIGURE 11). Unscrew two fasteners on wear ring and remove wear ring (SEE FIGURE 12).

Fig. 9

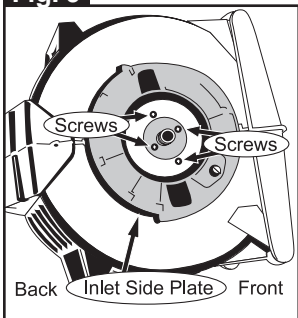


Fig. 10

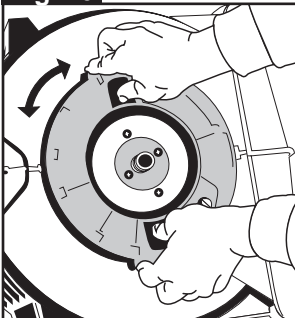


Fig. 11

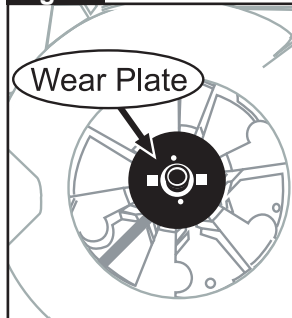
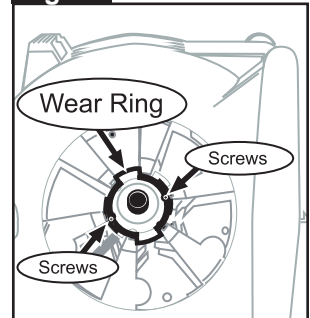


Fig. 12



- 5) Pull swivel assembly firmly from hose spool( SEE FIG. 13 and 14 ).
- 6) Unscrew Hose Clamp and pull hose off hose barb on swivel. (SEE FIGURE 15)
- 7) Pull remaining length of hose out reel opening located at the reel front.
- 8) Take replacement hose through opening located at the front of reel. Thread hose through hose leveling mechanism. (SEE FIGURE 16)
- 9) Insert hose through the center of the hose spool. Four openings are referenced with the following hose I.D. dimensions located at the center of hose spool: 3/8 in., 1/2 in., 5/8 in. & 3/4 in.. Locate the hose I.D. and pull through that opening. (SEE FIGURE 17) Pull enough hose to allow the hose to connect to hose barb on swivel.
- 10) Replace hose onto hose barb, tighten hose clamp onto hose & place swivel into hose spool housing.
- 11) Replace wear ring and fasten with wear ring screws. Replace wear plate so that the swivel drive tabs insert into wear plate tab receivers. (SEE FIGURE 18)
- 12) Replace sideplate so that the plate snaps flush to side of reel. Turn sideplate until locking tabs connect to sideplate.
- 13) Turn swivel so that fastener holes of swivel and sideplate align. Replace the four sideplate fasteners and tighten.
- 14) Remove screw driver.
- 15) Retract hose back into reel.

### SWIVEL REPLACEMENT

**IMPORTANT:** To ensure proper performance, please refer to the Swivel Replacement Kit table to order the correct part number. Call 1(800) 645-8258 to order kit.

Swivel Kits	
Part #	Description
RP005007-38	Swivel Replacement kit for reel model L8305, L8305N, L8305-EU, L8306, L8306-EU, L8310 & L8310-EU
RP005007-12	Swivel Replacement kit for reel model L8335, L8335-EU, L8345, L8350 & L8350-EU
RP005007-58	Swivel Replacement kit for reel model L8344, L8346, L8347 & L8349

- 1) Repeat steps 1- 6 in the HOSE REPLACEMENT procedure.
- 2) Place hose onto hose barb of new swivel body. Tighten hose clamp onto hose & place swivel into hose spool housing.
- 3) Replace wear ring and fasten with wear ring screws. Replace wear plate so that the swivel drive tabs insert into wear plate tab receivers. (SEE FIGURE 18)
- 4) Replace sideplate so that the plate snaps flush to side of reel. Turn sideplate until locking tabs connect to sideplate.
- 5) Turn swivel so that fastener holes of swivel and sideplate align. Replace the four sideplate fasteners and tighten.
- 6) Remove screw driver.
- 7) Retract hose back into reel.

Fig. 13

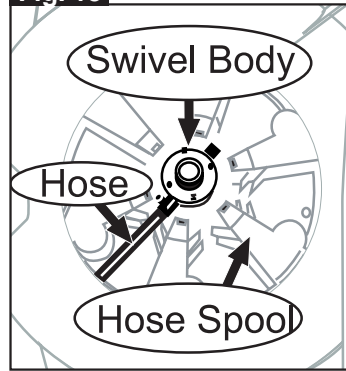


Fig. 14

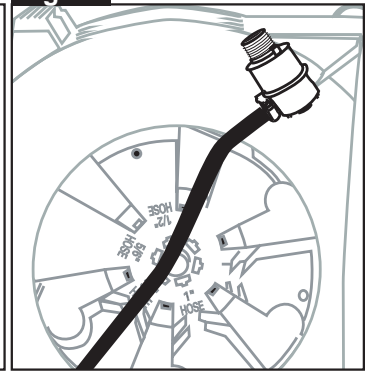


Fig. 15

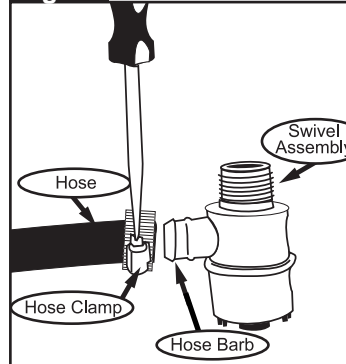


Fig. 16

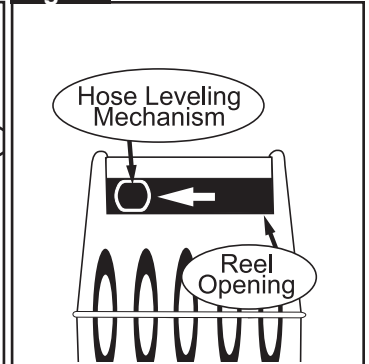


Fig. 17

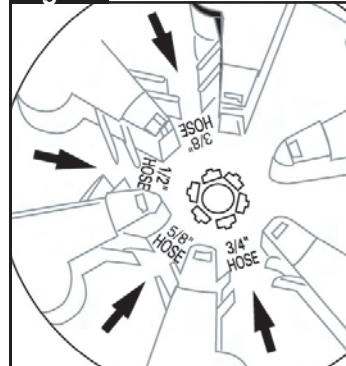
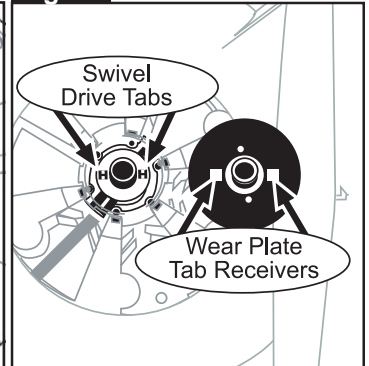


Fig. 18



### Troubleshooting

#### 1) HOSE WILL NOT RETRACT

- 1a. Pull on hose, push latching switch to FreeRun mode. Retract hose into reel.
- 1b. Spring is broken. Call service center.

#### 2) HOSE WILL NOT FULLY RETRACT

- 2a. Spring tension too light?
- 2b. Replacement hose too heavy?
- 2c. Hose not retracting evenly? Is the Levelwind™ mechanism not working properly?

#### 3) REEL WILL NOT LATCH

- 3a. Are you releasing hose too quickly?
- 3b. Broken latching pawl or mode switch?

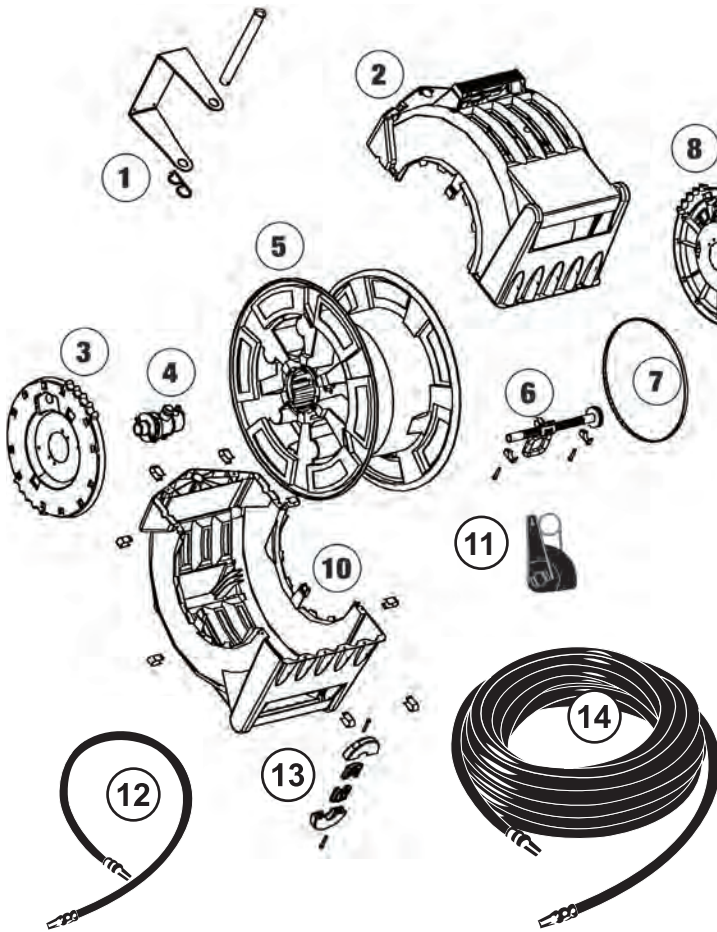
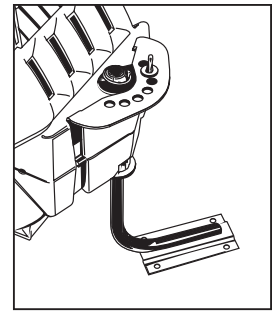
#### 4) REEL LEAKS

- 4a. Damaged hose?
- 4b. Loose fittings?
- 4c. Worn swivel seals?

### TECHNICAL ASSISTANCE:

Call 800-645-8258 if you have any questions regarding the installation or operation of this reel.

Optional Bench &  
High Wall Mounting  
Bracket Model L8300-B



### Lead-in Hose Replacement

Part #	Description
L8305LI	3 ft. lead-in hose for L8305, L8306 & L8310
L8305LI-10	10 ft. lead-in hose for L8305, L8306 & L8310
L8305LI-EU	3 ft. lead-in hose for L8305-EU, L8306-EU & L8310-EU
L8305LI-10-EU	10 ft. lead-in hose for L8305-EU, L8306-EU & L8310-EU
L8305NLI	3 ft. lead-in hose for L8305N
L8335LI	3 ft. lead-in hose for L8335
L8335LI-10	10 ft. lead-in hose for L8335
L8335LI-EU	3 ft. lead-in hose for L8335-EU
L8335LI-10-EU	10 ft. lead-in hose for L8335-EU
L8345LI-10	10 ft. lead-in hose for L8345
L8347LI	3 ft. lead-in hose for L8347
L8347LI-10	10 ft. lead-in hose for L8347
L8349LI	3 ft. lead-in hose for L8349, L8344 & L8346
L8349LI-10	10 ft. lead-in hose for L8349
L8350LI-10	10 ft. lead-in hose for L8350
L8350LI-10-EU	10 ft. lead-in hose for L8350-EU

### Repair Parts

Ref. #	Repair Part	Description
1	L8300-W	Bracket for wall or overhead ceiling mounting
2	RP005000BK	Outer Top Case w/Trim Ring Black
3	RP005002BK	Swivel Plate Side Assembly Black
4	RP005007-38	Swivel Body Assembly 3/8 in. hose
4	RP005007-12	Swivel Body Assembly 1/2 in. hose
4	RP005007-58	Swivel Body Assembly 5/8 in. hose
5	RP005015	Drum Assembly for 50 ft. hose
5	RP005016	Drum Assembly for 75 ft. & 100 ft. hose
6	RP005010-14	Layering Device Assembly for Model L8335, L8335-EU, L8344, L8346, L8347 & L8349
6	RP005010-20	Layering Device Assembly for Model L8305, L8305N, L8305-EU, L8306, L8306-EU, L8310, L8310-EU, L8345, L8350 & L8350-EU
7	RP005012-137	Drive Belt for Model L8335, L8335-EU, L8344, L8346, L8347 & L8349
7	RP005012-140	Drive Belt for Model L8305, L8305N, L8305-EU, L8306, L8306-EU, L8310, L8310-EU, L8345, L8350 & L8350-EU
8	RP005004BK	Latch Plate Side Assembly Black
9	RP005003	Tension Cover
10	RP005001BK	Outer Bottom Case Black
11	RP005018	Latch Spring and Pawl
12		Lead-in Hose ( See Replacement Lead-in Hose table on Page 4 )
13	RP005011	Hose Stopper
14		Hose ( See Replacement Hose Kit table on Page 2 )

## TWO YEAR LIMITED WARRANTY\*

LEGACY MANUFACTURING COMPANY ("LEGACY") warrants that this equipment will be free from defects in material and workmanship for a period of two (2) year from the date of purchase, under normal use. LEGACY'S sole obligation under this warranty is limited to replacing or repairing, free of charge, any equipment that proves to be defective under normal conditions and use according to the recommendations of LEGACY. To obtain repair or replacement, the equipment must be shipped to a LEGACY authorized Warranty and Service Center during the warranty period, transportation charges prepaid, with proof of date of purchase. In the event of repair or replacement, the warranty period shall not be extended beyond the original warranty period.

\* If this equipment contains a hose, the hose is warranted for ninety (90) days only. The remaining portions of this equipment are warranted for two (2) year, as described above. While necessary maintenance or repairs on your Legacy equipment can be performed by any company, we recommend that you use only authorized Legacy service centers. Improper or incorrectly performed maintenance or repair voids this warranty. Contact us at [info@legacymfg.com](mailto:info@legacymfg.com) or [www.legacymfg.com](http://www.legacymfg.com) for ordering, installation instructions, or a list of authorized service centers.

**WARNING:** This product contains one or more chemicals known to the State of California to cause cancer and birth defects or other reproductive harm. *Wash hands after handling.*



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## Levelwind Reels

### Latch Pawl & Spring Replacement in Latch Sideplate:

#### Tools Required:

- Phillips Screw Driver
- 3/4" Socket Wrench or 3/4" Combination Wrench

- 1) Lay reel on its side with latch sideplate (8) facing you.
- 2) Place wrench on hex in center of tension cover (9). **HOLD WRENCH FIRMLY, DO NOT ALLOW SPRING TO UNWIND UNCONTROLLED.**
- 3) Remove two Phillips screws fastening the tension cover to the latch sideplate.
- 4) Carefully unwind tension by allowing the tension plate to rotate counter-clockwise and keep track of the number of complete revolutions as you unwind the spring.
- 5) Remove tension cover from drum axle shaft.
- 6) While placing fingers on grooves located on the top and bottom of sideplate (3), depress locking tabs at the same time with thumbs. Rotate sideplate either way until sideplate unlocks. Remove sideplate.
- 7) Turn sideplate so the inside is exposed. Use fingers to pinch tabs of mode lever and remove lever from latch pawl. Remove spring ends from latch pawl and sideplate.
- 8) Use Illustration (next page) to position spring ends in latch pawl and sideplate. Position the latch pawl correctly using illustration, and push mode lever thru sideplate and into pawl. Be sure locking tabs have fully locked thru pawl. Try flipping mode lever to be certain pawl is moving correctly, and positions match those shown in illustration.
- 9) To ease installation of the latch sideplate, place the latch switch in "Free Run" position. Replace sideplate so that the plate snaps flush to side of reel. Turn sideplate until locking tabs connect to sideplate.
- 10) Place tension cover on drum axle shaft, and rotate clockwise the number of turns that you counted when you unwound the tension. Replace screws.
- 11) Place switch in "Latching" position and return the reel to service.

