

Operating Instructions

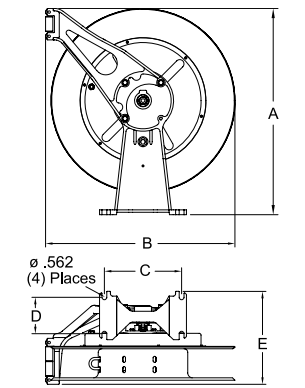
Series D8000 Spring Driven Hose Reels

Medium Pressure Model Numbers:

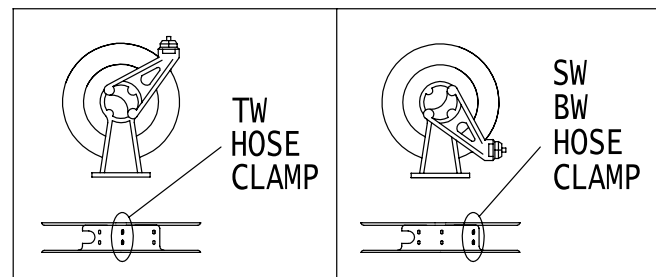
D8600 OMP D8640 OMP D8800 OMP D8840 OMP
D8630 OMP D8650 OMP D8830 OMP D8850 OMP



Dimensions

	A	21 1/8"
	B	19"
	C	7 7/8"
	D	3 3/4"
	E	9 1/4"

Caution: When changing guide arm positions, the U-bolt must be placed in the proper location as instructed below. The reel can "latch out" during use if this instruction is not adhered to.



SAFETY

1. Do not use reel at higher pressures or temperatures than listed on the back of this bulletin.
2. Remove all spring tension before beginning disassembly process.

INSTALLATION:

A flexible hose connection must be used between the hose reel inlet and the source of supply to prevent possible misalignment and binding.

MOUNTING:

The hose reel is equipped with a universal mounting bracket so that it can be mounted on the floor, wall or ceiling; whichever place is convenient. The hose guide arm can be moved to the position desired by removing the screws fastening the guide bracket to the reel base. Shift the guide arm bracket so the hose comes off the reel at the desired position and replace the screws.

LUBRICATION:

Hose reel spring and bearings are factory lubricated and require no further lubrication.

REPLACING HOSE:

1. Wind spool flange clockwise-facing swivel-until spring is tight.
2. Back off three turns and latch.
3. Insert hose through roller guide.
4. Connect hose fitting to swivel joint and secure hose with clamps.

ADJUSTMENTS:

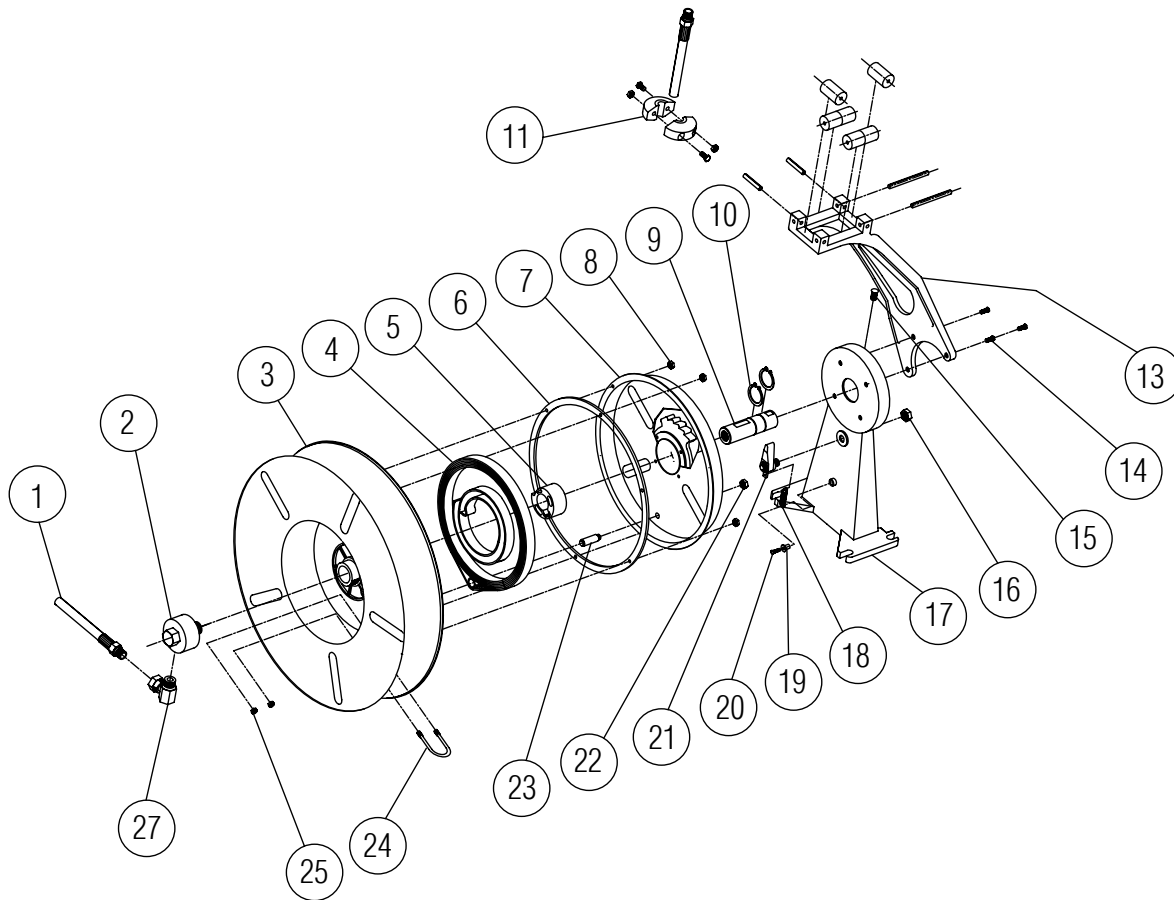
To adjust spring tension, add or remove wraps of hose from the spool, one wrap at a time until desired tension is obtained.

REPAIRS:

Extensive repairs should be performed only by an authorized serviceman or factory to avoid damage which may void your warranty. Remove all spring tension before beginning disassembly process.

Form# 4778-84 Rev: 5/2013

Series D8000 Spring Driven Hose Reels



Item #	Description	# Req.	D8600 OMP	D8630 OMP	D8640 OMP	D8650 OMP	D8800 OMP	D8830 OMP	D8840 OMP	D8850 OMP
1	Hose Assembly	1	None	3-260043	4-260043	5-260043	None	6-260043	7-260043	8-260043
2	Swivel Assembly	1	S600300	S600300	S600300	S600300	S600300	S600300	S600300	S600300
3	Sheave Assembly	1	S260011	S260011	S260011	S260011	S260011	S260011	S260011	S260011
4	Drive Spring Assembly	1	S260053	S260053	S260053	S260053	S260053	S260053	S260053	S260053
5	Spring Arbor Assembly	1	S600621	S600621	S600621	S600621	S600621	S600621	S600621	S600621
6	Gasket	1	S260069	S260069	S260069	S260069	S260069	S260069	S260069	S260069
7	Spring Case Assembly	1	S260074	S260074	S260074	S260074	S260074	S260074	S260074	S260074
8	10-32 Hex Nut	6	S300011	S300011	S300011	S300011	S300011	S300011	S300011	S300011
9	Main Shaft	1	260442-1	260442-1	260442-1	260442-1	260442-1	260442-1	260442-1	260442-1
10	1 1/4" Snap Ring	3	300007	300007	300007	300007	300007	300007	300007	300007
11	Hose Bumper	1	None	A1-HR1004-3	A1-HR1004-3	A1-HR1004-3	None	A2-HR1004-3	A2-HR1004-3	A2-HR1004-3
13	Guide Arm / Roller Assembly	1	260007	260007	260007	260007	260007	260007	260007	260007
14	5/16-18 x 1 1/4" Screw	3	507286	507286	507286	507286	507286	507286	507286	507286
15	1/2-13 Set Screw	1	S35-86	S35-86	S35-86	S35-86	S35-86	S35-86	S35-86	S35-86
16	1/2-20 Hex Nut	1	S280-8	S280-8	S280-8	S280-8	S280-8	S280-8	S280-8	S280-8
17	Base Casting	1	260073	260073	260073	260073	260073	260073	260073	260073
18	Latch Spring	1	S260067	S260067	S260067	S260067	S260067	S260067	S260067	S260067
19	Latch Bushing	1	S400012	S400012	S400012	S400012	S400012	S400012	S400012	S400012
20	10-24 x 1" Screw	1	300042	300042	300042	300042	300042	300042	300042	300042
21	Latch Pawl Ass'y	1	S600083	S600083	S600083	S600083	S600083	S600083	S600083	S600083
22	3/8-24 Hex Jam Nut	1	S76-106	S76-106	S76-106	S76-106	S76-106	S76-106	S76-106	S76-106
23	Spring Case Stud	1	S260031	S260031	S260031	S260031	S260031	S260031	S260031	S260031
24	U-bolt	1	3-117440	3-117440	3-117440	3-117440	3-117440	3-117440	3-117440	3-117440
25	1/4-20 Nyloc Nut	2	261650-1	261650-1	261650-1	261650-1	261650-1	261650-1	261650-1	261650-1
27	Swivel Union	1	S257-26	S257-26	S257-26	S257-26	S257-26	S257-26	S257-26	S257-26
Hose I.D. and Length			3/8" x 50'	3/8" x 30'	3/8" x 40'	3/8" x 50'	1/2" x 50'	1/2" x 30'	1/2" x 40'	1/2" x 50'
Reel Inlet Connection			1/2" FPT	1/2" FPT	1/2" FPT	1/2" FPT	1/2" FPT	1/2" FPT	1/2" FPT	1/2" FPT
Max. Operating Pressure			3000 PSI	2600 PSI	2600 PSI	2600 PSI	3250 PSI	3250 PSI	3250 PSI	3250 PSI
Max. Operating Temperature			210° F	210° F	210° F	210° F	210° F	210° F	210° F	210° F