

PARTS & TECHNICAL SERVICE GUIDE

EN ENGLISH



**image for reference only.*

 You will need the manual for the safety warnings and precautions, assembly instructions, operating and maintenance procedures, parts list and diagram. Keep your invoice with this manual. Write the invoice number on the inside of the front cover. Keep the manual and the invoice in a safe and dry place for future reference.

SAFETY WARNINGS AND PRECAUTIONS



When using the product, basic safety precautions should always be followed to reduce the risk of personal injury and damage to equipment. Read all instructions before using the product.



- **Avoid working alone.** If an accident happens, an assistant can bring help.



- **Avoid electric shock:** Use extreme caution when clamping around uninsulated conductors. Prevent body contact with grounded surfaces such as pipes, radiators, ranges and cabinet enclosures.



- **Keep work area clean.** Cluttered areas invite injuries.

- **Observe work area conditions.** Don't expose to rain. Keep work area well lit.

- **Keep children away.** Children must never be allowed in the work area. Do not let them handle machines, tools, extension cords or air hoses.

- **Store idle equipment.** When not in use, tools must be stored in a dry location to avoid rust. Always lock up tools and keep out of reach of children.

- **Dress properly.** Do not wear loose clothing or jewelry as they can be caught in moving parts. Protective, electrically non-conductive clothes and non-skid footwear are recommended when working. Wear restrictive hair covering to contain long hair.

- **Use eye and ear protection.** Always wear ANSI approved impact safety goggles.

- **Do not reach over or across air hoses.**

- **Maintain tools with care.** Inspect hose periodically and, if damaged, have it repaired by an authorized technician.

- **Use the right tool for the job.** Do not attempt to force a small tool or attachment to do the work of a larger industrial tool. There are certain applications for which this tool was designed. Do not modify this product and do not use this product for a purpose for which it was not intended.

- **Stay alert.** Watch what you are doing, use common sense. Do not operate any tool when you are tired.

- **Check for damaged parts.** Before using any tool, any part that appears damaged should be carefully checked to determine that it will operate properly and perform its intended function. Check for alignment and binding of moving parts; any broken parts or mounting fixtures; and any other condition that may affect proper operation. Any part that is damaged should be properly repaired or replaced by a qualified technician.

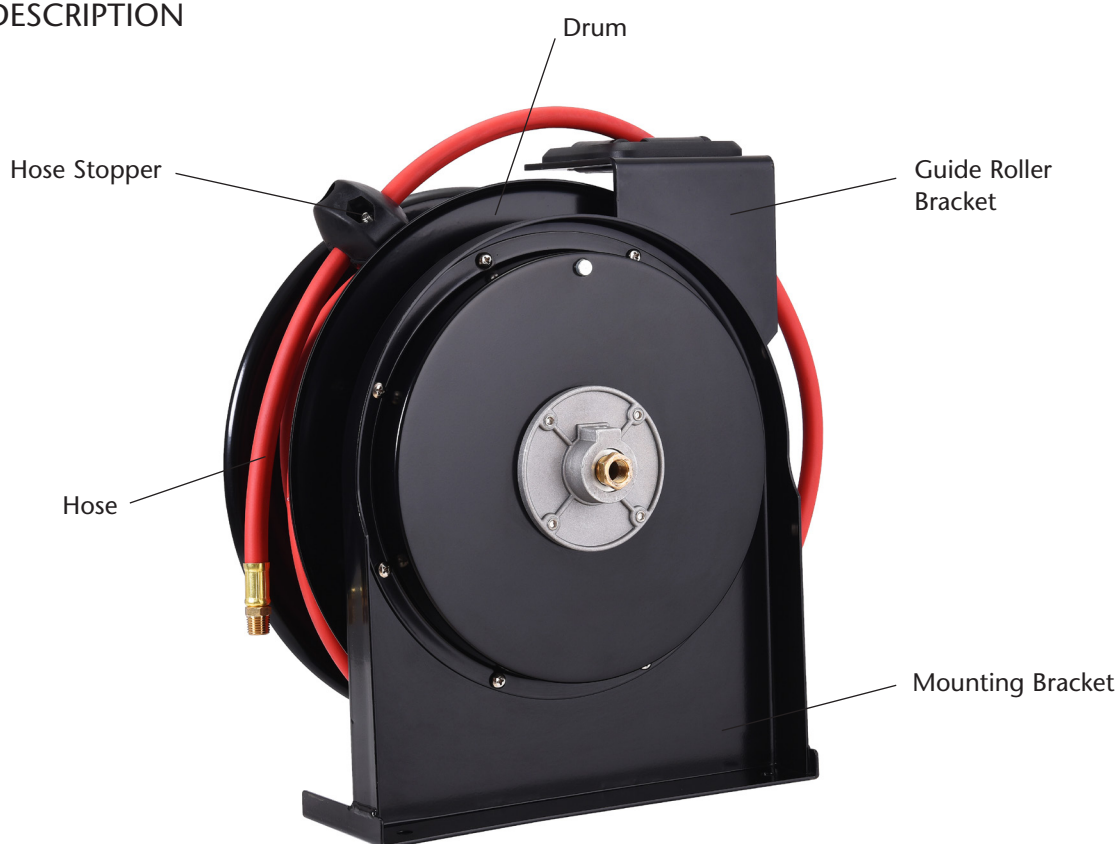
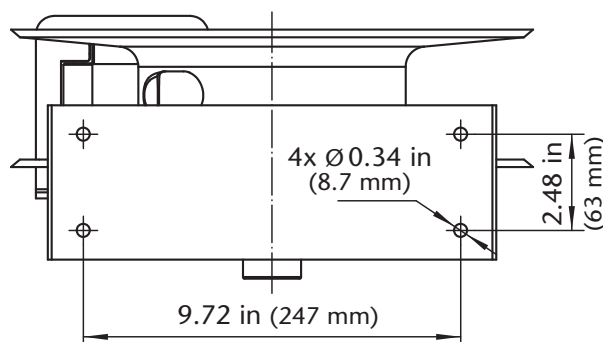
- **Replacement parts and accessories.** When servicing, use only identical replacement parts. Use of any other parts will void the warranty. Only use accessories intended for use with this tool.

- **Use proper size and type extension cord.** If an extension cord is required, it must be of the proper size and type to supply the correct current to the tool without heating up.

- **Maintenance.** For your safety, maintenance should be performed regularly by a qualified technician.

(Mounting hardware not included)

1. Make a paper template modeled after the one below.
2. The reel may be installed on the wall, floor or ceiling (at least ten feet above the floor).
3. Remove the bolts that attach the guide roller bracket to the support post to reposition the bracket for the appropriate location. Replace bolts and tighten.
4. Drill holes to accommodate $\frac{1}{2}$ inch bolts (not included). Make sure you are drilling into a solid backing or use the appropriate hardware to anchor in the bolts.
5. Mount reel and secure the four bolts (not included) through the $\frac{1}{2}$ " holes in the bracket. See following figure.

GENERAL DESCRIPTION**HOLE PATTERN**

a. Spring Tension Adjustment

1. Pull out six feet of hose.
2. Remove the hose stopper from the hose and feed it back through the guide.
3. To increase tension, wrap the pulled hose one time around the drum.
4. To decrease tension, unwrap the hose one time from the drum.
5. Run the hose back through the guide and reattach the hose stopper.
6. Unlatch the hose and check the tension. Adjust the stopper position if necessary.

b. Use

1. Check wheel operation by slowly pulling the hose out. You should hear a clicking noise.
2. To lock the hose, pull it out a minimum of 1/2 revolution and it will stay locked after the first, second, or third click.
3. To unlock, slowly pull until the clicking stops, and let the hose retract slowly until the hose stopper meets the hose guide.
4. Attach a coupler (not included) to your air compressor hose and apply teflon tape to the inlet fitting on the reel. Connect the coupler (not included) to the inlet fitting.
5. Attach a coupler (not included) onto the end of the hose and connect to your air tool.

c. Hose Replacement

1. Pull out the old hose and securely lock hose reel.
2. Disassemble the rubber bumper block by removing the bolts and the nuts.
3. Disconnect the old hose from the swivel joint and remove the hose.
4. Run the hose through the rubber bumper block and through the opening in the drum flange.
5. Use teflon tape on the hose fitting threads and screw the fitting onto the swivel and tighten. Re-assemble the rubber bumper block with the bolts and the nuts.
6. Attach hose stopper on the end of the hose near the outlet fitting.
7. Carefully release drum latch and allow the hose to wind onto the reel. Try to evenly distribute the hose across the reel.

NOTE: Some parts are listed and shown for illustration purposes only and are not available individually as replacement parts.

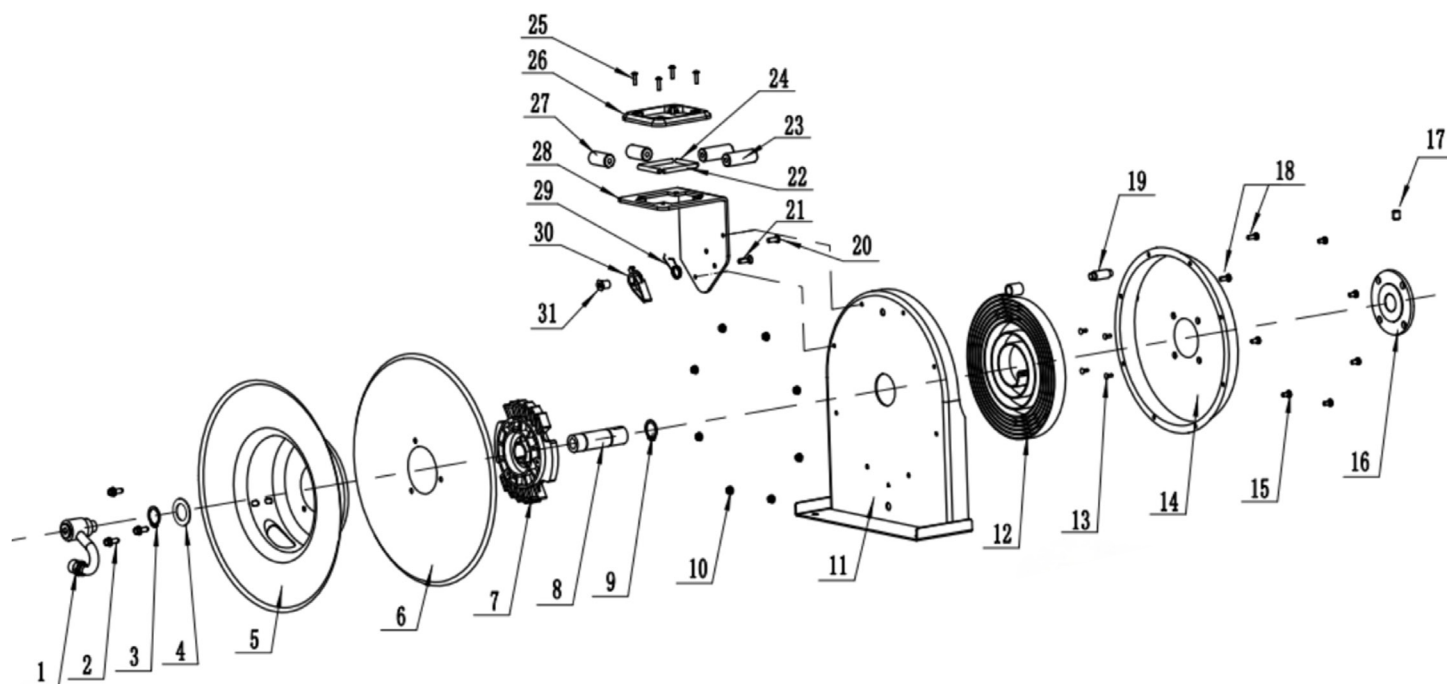
1. Wipe hose reel clean with a dry cloth.
2. Check the hose for frays and tears.
3. If the locking mechanism fails, have it repaired or replaced by an authorized service technician.

5. TROUBLESHOOTING

CAUSE	ACTION TO TAKE
Hose will not fully retract	
Outlet nozzle, gun or tool is too heavy.	Add spring tension. See "Spring Tension Adjustment".
Spring is fatigued.	Add spring tension. See "Spring Tension Adjustment". Replace the spring if required.
Field installed hose is too long.	Call local Distributor for correct specified hose length.
Hose will not retract at all	
Spring has lost all tension or has possibly broken.	Reinstall spring tension or replace spring.
Reel will not latch	
Incorrect operation.	Reel latches on first, second, third on fourth "click", After fourth "click" it automatically rewinds.
Dog spring or locking cam is broken or worn.	Replace dog spring or locking cam.
Fluid leaks from swivel	
Swivel seals are damaged or worn.	Replace swivel. CAUTION: Be sure leak is not at hose fitting!
Hose locks up when fully extended	
Hose clamp is in the incorrect position.	Relocate hose clamp to optional location.

**NOTE**

Some parts are shown for illustration purposes only and are not available individually as replacement parts.



POS.	DESCRIPTION	QTY
1	1/4 rotary valve assembly	1
2	M6 * 16 hexagonal flange flat head self tapping screw	1
3	D = 25 axis elastic retaining ring	1
4	Gasket Φ 25 * Φ 40 * 2	1
5	Deep drawn wheel hub (valve drum)	6
6	Hub	1
7	Ratchet wheel	1
8	principal axis	4
9	D=25 axis elastic retaining ring	1
10	M5 flange external hexagon nut	1
11	Base welding assembly	3
12	Coil spring	1
13	Φ 5 * 10 flat countersunk semi hollow iron rivet	1
14	Coil spring cover	1
15	M5 * 10 cross disc head bolt	1
16	Spindle fixed seat	3
17	M10 * 12 flat end hexagonal set screw	1
18	M5 * 14 cross disc head bolt	4
19	Coil spring fixed shaft	1
20	M6 * 16 rivet screw	1
21	M6 * 12 cross countersunk head bolt	1
22	Guide wheel shaft Φ 6 * 61	1
23	Guide wheel Φ 19 * 51	1
24	Guide wheel shaft Φ 6 * 49	1
25	Φ 5 * 13 small flat head (Φ 8) semi hollow iron rivet	1
26	Guide wheel frame	4
27	Guide wheel Φ 19 * 39	4
28	Support arm	3
29	Claw torsion spring	4
30	Pawl	3
31	Paw shaft	1

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