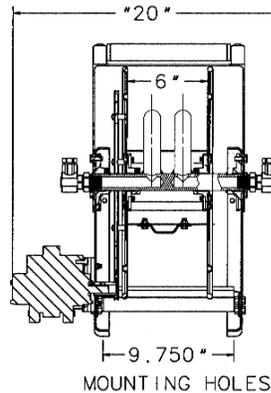
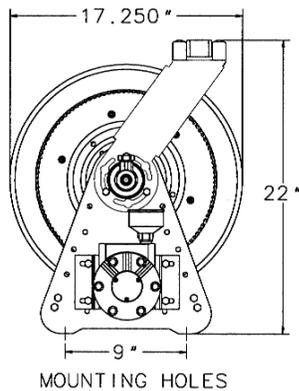


## IMPORTANT

Read this manual carefully before installing, operating or servicing this equipment.

## SERIES 30000 HOSE REELS

### Dimensional Data



### Safety

Personal injury and/or equipment damage may result if proper safety precautions are not observed:

- Ensure that the reel has been properly installed before connecting supply line (see installation instructions).
- Bleed fluid/gas pressure from system before servicing reel.
- Before connecting reel to supply line ensure that supply line pressure does not exceed maximum rated working pressure of reel.
- Do not play pranks on other personnel. Even low pressure is very dangerous and can cause irreparable damage or death.
- Do not wear loose fitting clothing while operating reel.
- Be aware of other personnel in work area.
- Be aware of other machinery in work area.
- If a leak occurs in the hose or reel, remove supply line pressure immediately.
- If the reel is power driven check for loose, frayed, and/or broken wires before operating.
- Treat and respect a hose reel as any other piece of machinery, observing all common safety practices.

### Installation Instructions

#### Inspection

Unpack and inspect reel for damage. Turn the reel by hand to check for smooth operation. Check for completeness.

#### Hose Reel Mounting

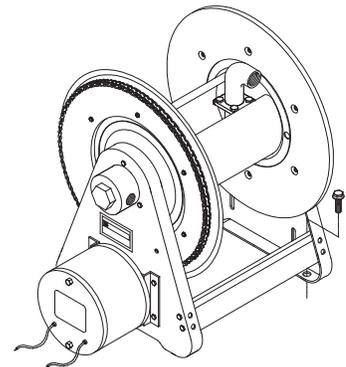
**Note:** Ensure that mounting surface is flat to prevent binding on reel after it is mounted.

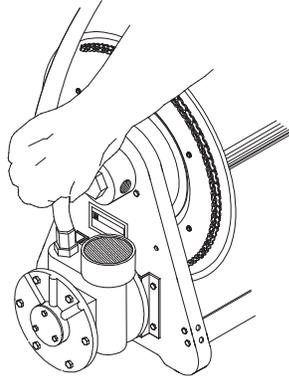
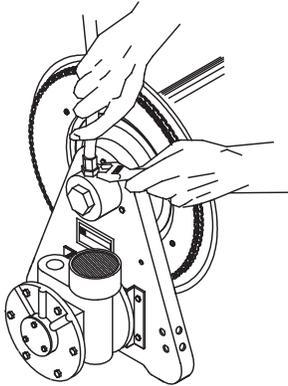
1. Two 1/2" diameter mounting holes are located at the base of each side support panel (2 each). Mount reel using four (customer supplied) bolts; tightening them securely to ensure a solid, rigid attachment.

2. Perform the following steps only after all other installation steps, pertaining to your particular reel, are accomplished. Refer to page 4 for special instructions.

**NOTE:** A flexible hose connection must be used to compensate for any offset between the supply line and reel swivel.

3. Apply thread compound to all threads.
4. Thread male connector of supply line into swivel. Tighten securely.





## Air Driven

- 1) Determine which end of reel, motor is to be mounted on. If the original factory configuration is not conducive to your application see section in this manual titled, "MODIFICATIONS."

**WARNING:** Do not exceed 100 PSI motor inlet pressure. A suitable sized filter/regulator/lubricator must be used in line and located 3-6 feet from air motor. Refer to motor manufacturers manual for maintenance and troubleshooting information.

- 2) Connect air line to motor in accordance with diagram.

## Connecting The Hose

**CAUTION:** Do not connect the hose to the connecting tube assembly until after hose reel has been installed. Fully extend and charge hose before winding on to reel. Momentarily open control valve, when initially charging, to purge hose of gases. When fluid appears at control valve, close valve. This prevents flattening of the hose and excessive pressure on the drum when fluid supply is reinitialized at a later time.

- 1) Apply thread compound to all threads.
- 2) Hand thread male hose connector into connecting tube assembly.
- 3) Using a wrench, firmly hold on to connecting tube assembly while tightening hose connector.

## Operating Instructions

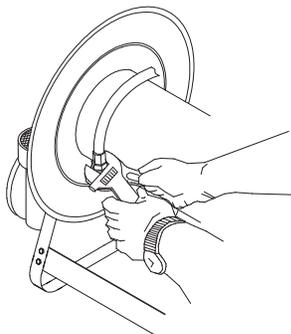
### WARNING-Prevent Static Sparking:

When working around flammable liquids such as solvents, paints, chemicals, or petroleum products, ensure that the hose reel, hose and the equipment being serviced are properly grounded. Use grounded hose(s) (static wire). Use an ohmmeter to check continuity of the ground circuit. Fire and/or explosion can result if proper grounding is not achieved. If reel is power or air driven be careful of chain/sprocket drive system. Keep hands clear. Do not wear loose fitting clothing. Pull hose from the reel by grasping the hose itself, not the control handle or swivel.

## Service Instructions

### Replacing The Hose

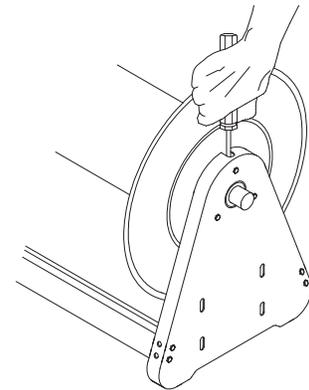
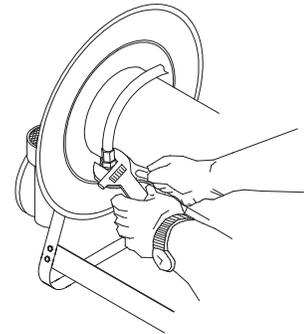
1. Using a wrench, firmly hold on to the connecting tube assembly while removing hose connector.
2. Follow procedures for "Connecting The Hose" (See Installation Instructions).



## Replacing the Swivel

**CAUTION:** Remove supply line pressure before performing the following procedure.

1. Remove supply line from swivel.
2. Remove swivel assembly from inlet shaft.
3. Install swivel assembly to inlet shaft by reversing steps 1 and 2. Apply thread compound to all threads.



## Replacing the Motor

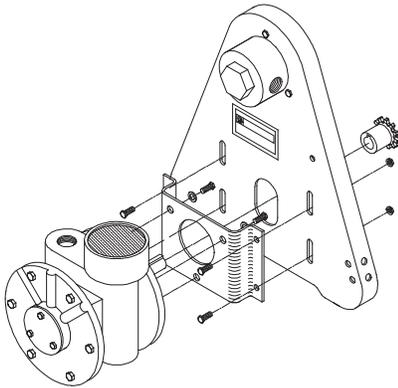
**Before replacing the motor, remove all air pressure (air driven) from motor.**

1. Disconnect air lines from motor. Remove bolts securing motor mounting bracket to reel. 2. Remove bracket. (See diagram on next page).
3. Remove bolts attaching motor mounting bracket to motor. Remove motor.
4. Install new motor by reversing steps 1 through 3 above.

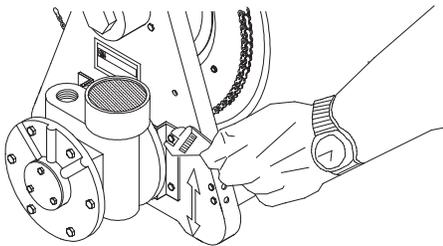
## Replacing the Chain

**CAUTION:** Before replacing the chain remove all electrical power (power driven) or air pressure (air driven) from motor.

1. Loosen (do not remove) bolts securing motor mounting bracket in place.
2. Remove chain master-link.
3. Install new chain by reversing steps 1 and 2 above.



## Adjustment Procedures Adjusting Chain Tension



**CAUTION:** Before adjusting the chain tension remove all air pressure (air driven) from motor. Over-tensioned (tightening) of chain results in reduced motor life. Adjust to allow between 1/4 and 1/2 inch play in chain.

1. Loosen bolts (do not remove) securing motor mounting bracket to reel.
2. Move motor mounting bracket and motor until proper chain tension is obtained.
3. Tighten motor mounting bracket bolts.

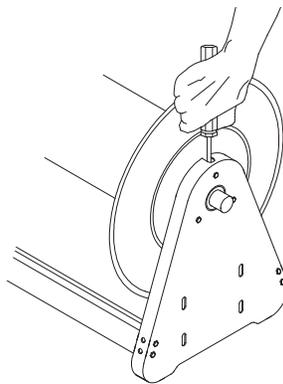
## Modifications

**CAUTION:** Remove air power and release all pressure from hoses before beginning any modification.

### Motor Mounting

If it is desired that the motor be mounted on the opposite end of the hose reel:

1. Remove bolts securing motor mounting bracket and sprocket to reel assembly.
2. Assemble components to other end or reel.



**\*Before any disassembly, see warnings.**

**WARNING:** Even low pressure is very dangerous and may cause personal injury or death. Relieve line pressure to reel before any disassembly. To reduce the risk of electric shock, unplug reel before any alteration to reel is made.

**Your Kit 600533-1-48 should include the following:**

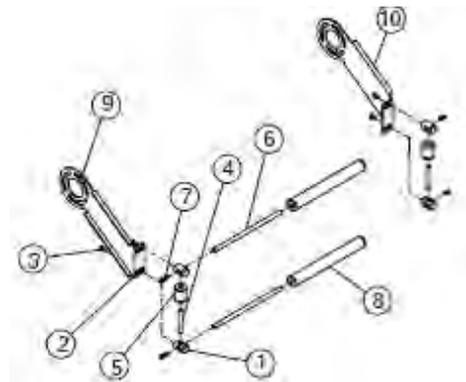
- (1) Left Guide Arm (Item #10) part number 260827-2-48
- (1) Right Guide Arm (Item #9) part number 260824-1-48
- (2) Long Rollers (Item #8) part number 600216-11
- (2) Short Rollers (Item #5) part number 600216-9
- (2) Short Shafts (Item #4) part number 260825-1
- (2) Long Shafts (Item #6) part number 261004-5

- (4) Posts (Item #1) part number 261001-1 or 261001-2
- (4) 5/16-18 x 1/2" bolts (for step #1), (Item #3) part number S2-51
- (6) 1/4-20 x 3/4" bolts (for step #3) part number S7-42
- (6) 5/16-12 x 3/4" Screws (for step #3) part number S318-49

\*For Models other than 28" reels, the long rollers and posts will be pre-assembled at the factory.

### 1. Sub-Assemble Your Roller Bracket

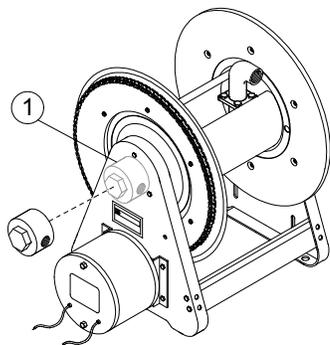
1. Assemble bottom post (1) to bottom slot (2) in guide arm using bolts (3).
2. Drop shaft (4) into post and place roller (5) over shaft.
3. Assemble top post to top slot, making sure that top of shaft fits into hole in top post.
4. Repeat steps #1 through #3 for other side.
5. Fix shafts (6) to posts on one side only using bolts (7) through posts.
6. Slide rollers (8) over shafts.



For 6", 12", 18" and 22" models

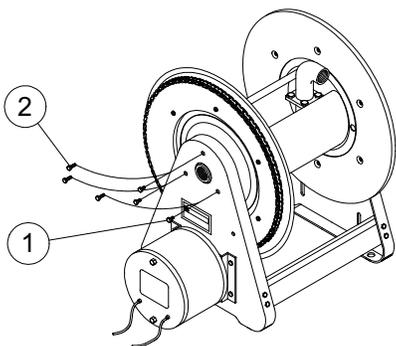
1. Remove one post from each roller.
2. Mount both posts with rollers attached onto guide arm. Mount lone posts to other guide arm.

## 2. Remove Your Swivel



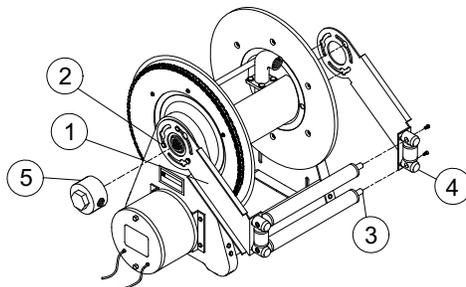
1. Unscrew swivel (1) from reel.
2. Remove old thread sealant from threads on swivel.
3. Set aside swivel for later reassembly.

## 3. Change Mounting Bolts



1. Remove 3 bolts (1) from reel as shown.
2. Remove and replace one bolt at a time to insure rigidity of reel during disassembly.
3. Replace these bolts with 3/4" long screws (3) included in kit.
4. Do not tighten yet.
5. Repeat steps 1 through 3 for opposite side.

## 4. Assemble Roller Bracket Kit to Reel

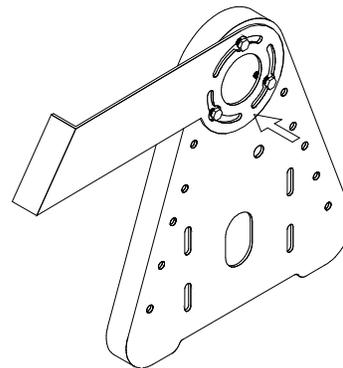


1. Slip Guide Arm (1) over the three mounting screws (2) as shown and rotate into desired position. (See Guide Arm Attachment).
2. Tighten screws.
3. Repeat for opposite side, being sure that shafts (3) fit into posts (4) on other side (for 28" models only). For models other than 28", perform steps 1 & 2 for both sides. Then fix guide rollers and posts to reel as shown in step 1.
4. Replace swivel (5), being sure to apply thread sealant before reassembly.
5. If required, feed hose through rollers.

\*The addition of a roller guide system is not recommended on reels equipped with a chain guard. An addition may void Reelcraft Warranty. Consult factory for details.

## Guide Arm Attachment

1. Line up holes in guide arm with screw heads and push guide arm flush with side frame.



2. Rotate guide arm into desired position. Tighten screws.

