



Current Tools

FOR THE PROFESSIONAL ELECTRICIAN

Model 615 Cable Reel Roller with 615-309 Motor



Operating, Maintenance, Safety and Parts Manual

01/24



Read and understand this material before operating or servicing the Cable Reel Roller. Failure to understand how to safely operate and service this unit may result in serious injury or death.

This manual is free of charge. All personnel who operate the Cable Reel Roller should have a copy of this manual and read and understand its contents. To request a copy, call or write to the address below. All information, specifications and product designs may change due to design improvements or updates and are subject to change without notice. Current Tools does not assume any liability for damages resulting from misuse or incorrect application of its products.

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SAFETY INFORMATION



This manual should be read and understood by all personnel who operate or service this Cable Reel Roller. Failure to understand how to operate and service this equipment could result in injury or death. This Cable Reel Roller should only be operated by qualified personnel.

- ALWAYS place the cable reel roller on a firm, level surface. Be sure the surface is capable of supporting the full load of the cable reel roller and the reel of cable.
- ALWAYS remove reel of cable before moving or transporting the cable reel roller.
- ALWAYS lift the cable reel roller using forklift pockets or by lifting eyes provided at each corner of the unit.
- NEVER attempt to lift the cable reel roller by the rollers.
- DO NOT operate or store the cable reel roller in wet or damp locations. DO NOT EXPOSE TO RAIN.
- Only use this unit for its intended purpose as a cable reel roller.
- DO NOT exceed load rating of the cable reel roller.
- ALWAYS inspect the cable reel roller before each use.
- DO NOT operate in explosive atmosphere.
- ALWAYS disconnect the cable reel roller before servicing.
- ALWAYS plug into grounded receptacle that is GFCI protected.
- KEEP all body parts, hair, loose clothing, etc., away from rotating parts and pinch points.
- DO NOT alter this cable reel roller. Doing so will void the warranty. Guards and safety features are provided for your protection.
- DO NOT use extension cord longer than 100 ft. Extension cord should be 12 gauge wire with ground.
- When operating, operator should stand to the side of the cable reel roller and out of the path of the cable.

SPECIFICATIONS

width — 122"
length — 60 $\frac{3}{4}$ "
height — 19"
weight — 2,800 lbs.

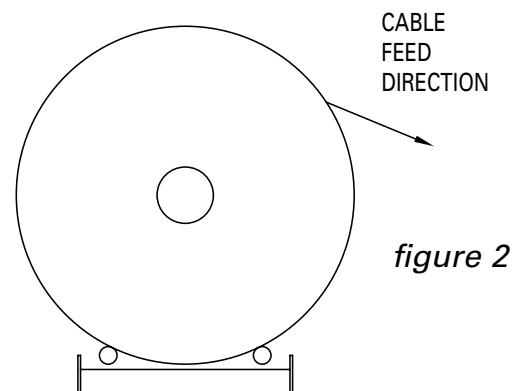
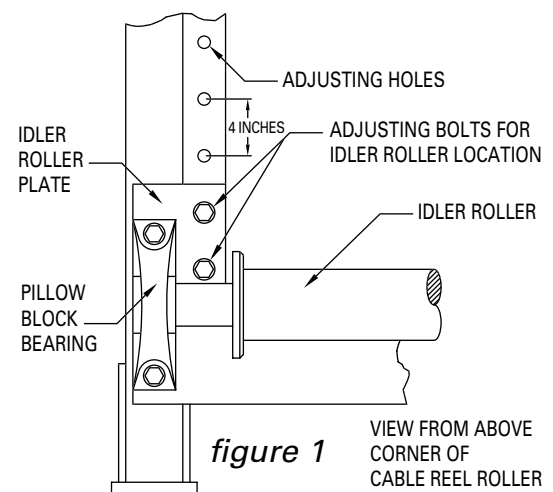
maximum 8' diameter
reel size — 96" width, 15 tons
motor specs — 120 volts, 11.5 amps

FEATURES

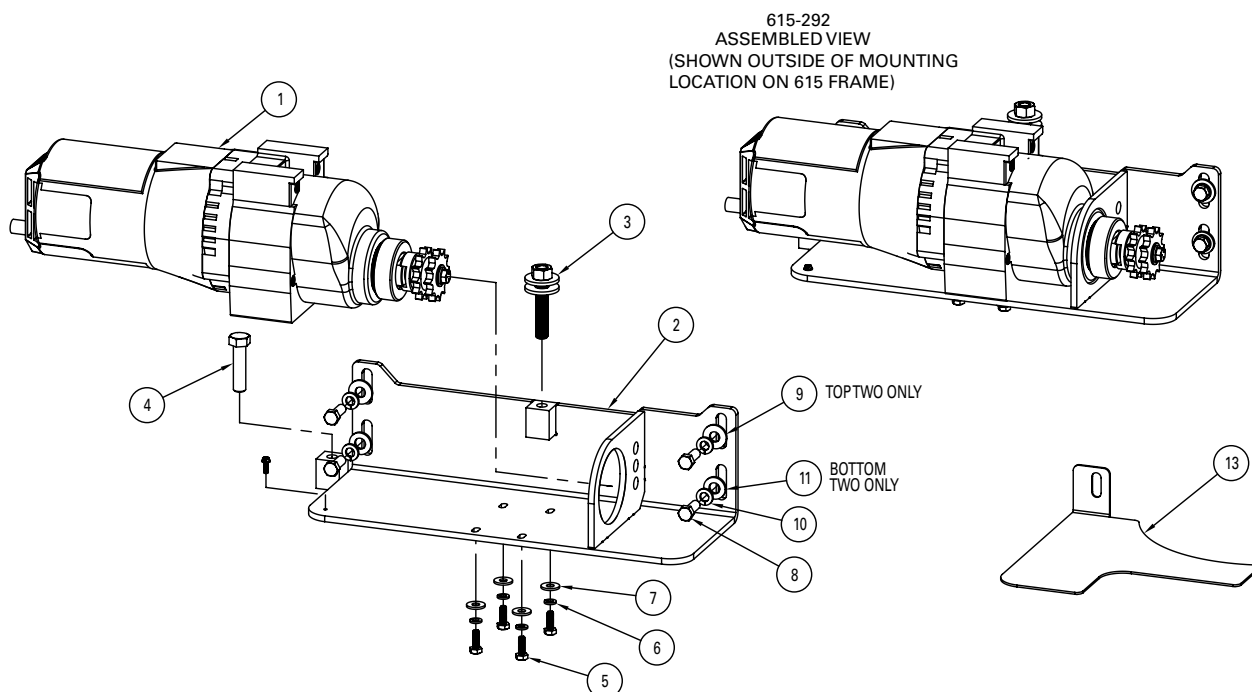
- Heavy duty welded frame for strength and durability
- Heavy duty self-aligning pillow block bearings
- Pendant control can be easily disconnected for safe storage
- Speed control for variable cable feeding rates
- One roller adjusts to accommodate various reel sizes
- On/off foot control for remote operation
- Rugged and durable drive motor
- Convenient forklift pockets on both sides of unit for quick transport with forklift

OPERATING INSTRUCTIONS

1. Move the cable reel roller into position for operation using the forklift pockets on the sides of the unit, or by the lifting eyes provided at each corner of the unit.
2. Locate the cable reel roller on a surface capable of supporting the combined weight of the unit plus the reel of cable.
3. Adjust the distance between the rollers. (See Idler Roller Position Chart on pg. 8) Remove the four adjusting bolts (2 each side) connecting the idler roller plate to the reel roller base. Slide the idler roller assembly to the desired position and replace the 4 bolts. *See figure 1.*
4. Load the cable reel onto the cable reel roller such that the cable feeds from the top of the reel. *See figure 2.*
5. Use the hand-held control to set forward or reverse as required and to adjust the operating speed of the unit.
6. After making the adjustments with the hand controls, a foot control is provided to switch the unit off and on remotely.
7. Always place the controls so that the operator is clear of the path of the unwinding cable.



615-292 MOTOR ASSEMBLY EXPLODED VIEW (WITH 615-309 MOTOR)



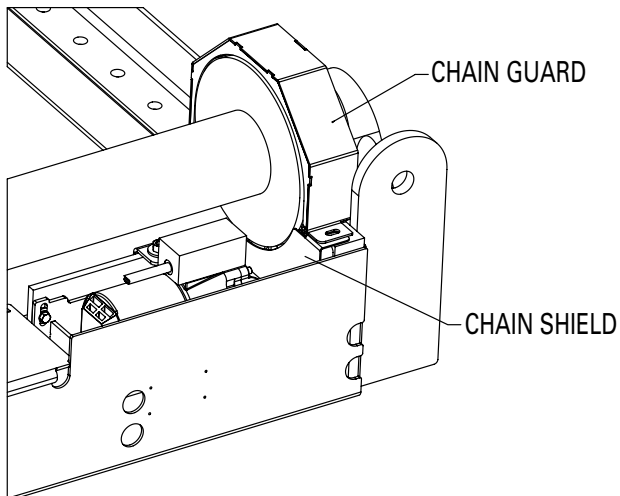
615-292 MOTOR ASSEMBLY PARTS LIST (WITH 615-309 MOTOR)

ITEM #	PART #	DESCRIPTION	QTY.
1	615-309	4292 MOTOR WITH SPROCKET	1
2	615-304	ADJUSTING PLATE – 4292 MOTOR	1
3	615-156	JACK SCREW — 615 DRIVE	1
4	615-33	SCREW–HEX HEAD CAP GR5 ZINC (1/2"-13×2")	1
5	450-1A	1/4-20 × .75 HHCS	4
6	450-14G	WASHER–LOCK 1/4	4
7	450-14I	WASHER – FLAT ZINC 1/4" (USS)	4
8	524-11	3/8-16 × 1.0" HEX HEAD SCREW	4
9	506-3	WASHER–FLAT 3/8 (USS) ZINC	2
10	452-27	WASHER–LOCK MEDIUM 3/8 ZINC	4
11	615-29D	WASHER–OVERSIZE ZINC	2
12	77-004	SCREW – TC (8-32×1/2")	1
13	615-307	SHIELD — CHAIN	1

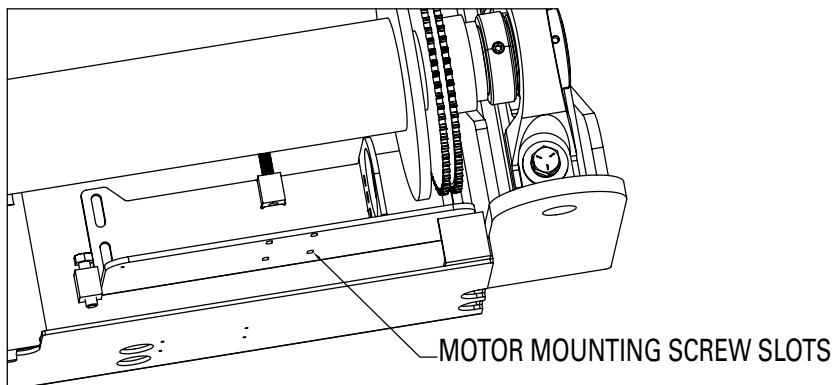


615-292 MOTOR ASSEMBLY INSTALLATION (WITH 615-309 MOTOR)

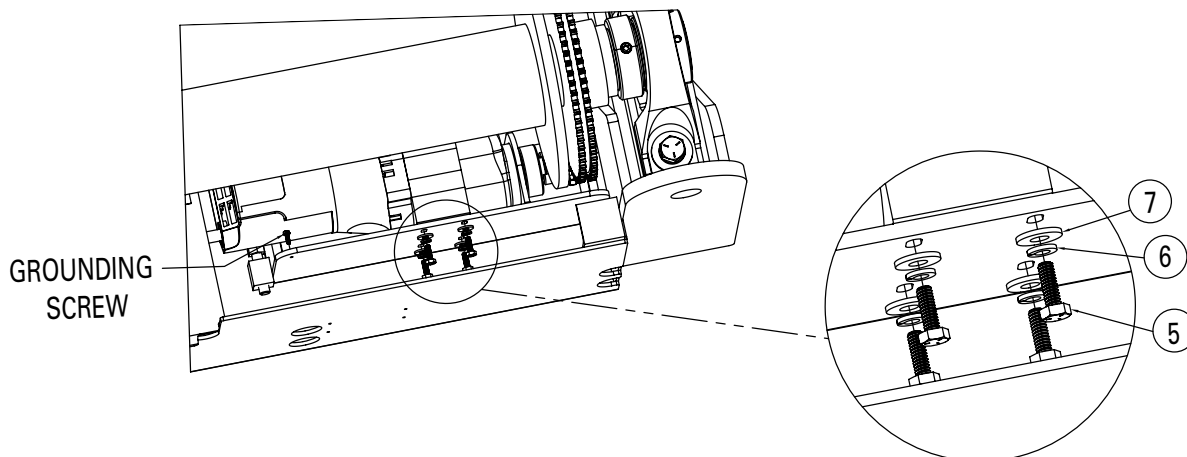
1. Remove chain guard, chain shield, chain, old motor and adjusting plate from frame of the reel roller



2. Install new adjusting plate into the opening such that the four motor mounting screw slots are accessible



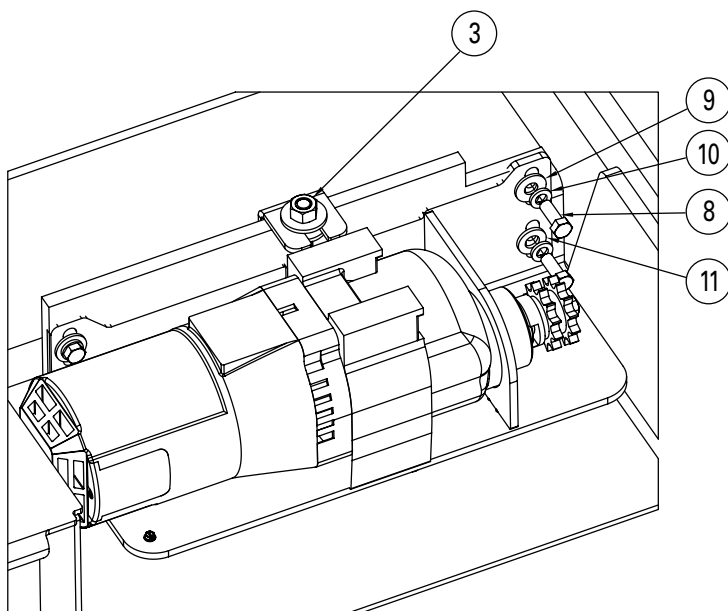
3. Insert the new motor (Part #615-309) into the adjusting plate and fasten as shown. Connect the ground wire from the motor to the adjusting plate using the grounding screw



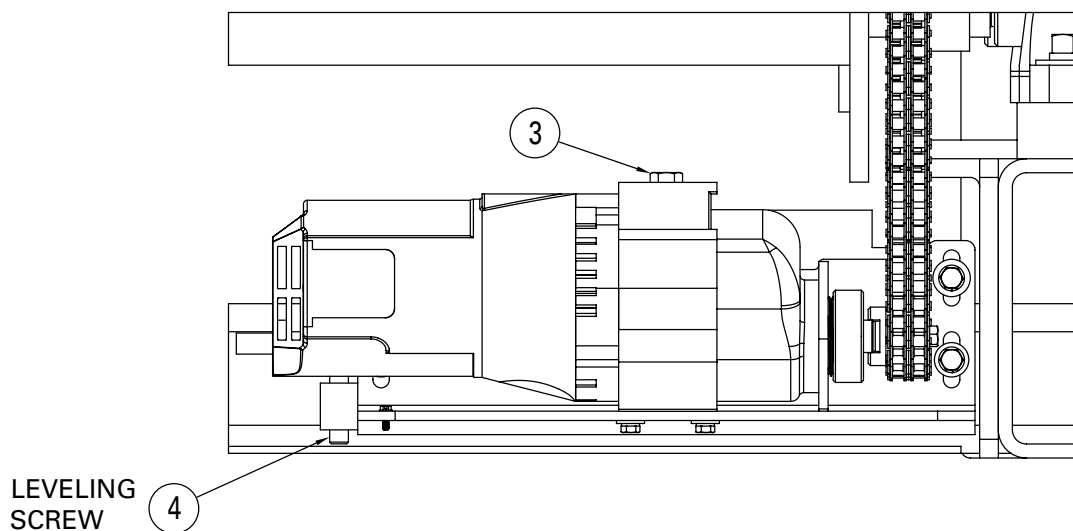


615-292 MOTOR ASSEMBLY INSTALLATION (WITH 615-309 MOTOR) — CONTINUED

4. Hang the adjusting plate by the Jack Screw (#3). Loosely fit the four plate mounting screws (#8) into the corner slots in the adjusting plate as shown. Be sure to use the two thicker washers (#11) with the two lower mounting holes.



5. Install the chain across the sprockets. Using the jack screw (#3) and the leveling screw (#4), adjust the motor until the chain is tight and the motor is level with the frame of the reel roller. Fully tighten the four plate mounting screws (#8) and reinstall the chain guard and the new chain shield (Part #615-307).



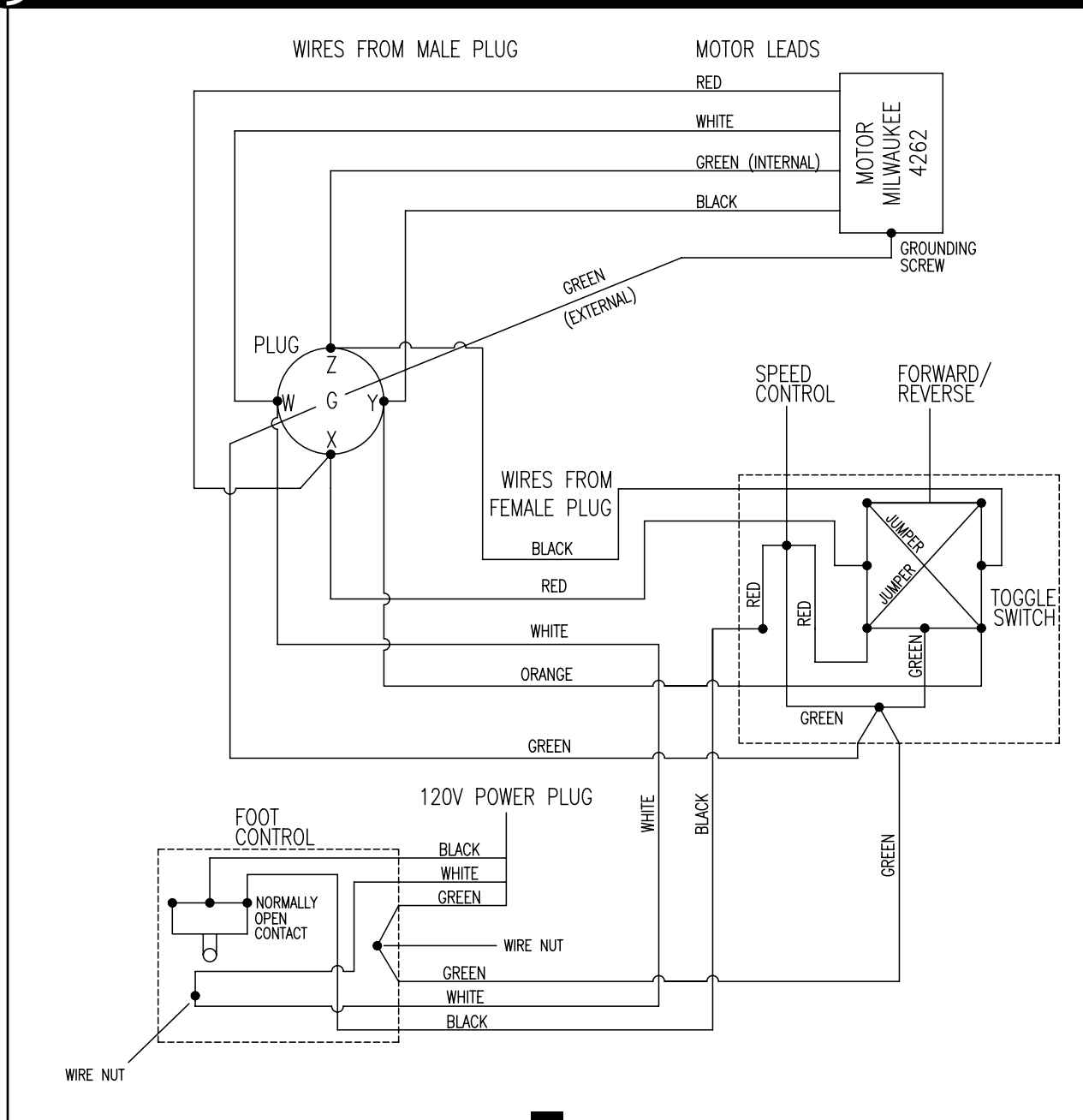


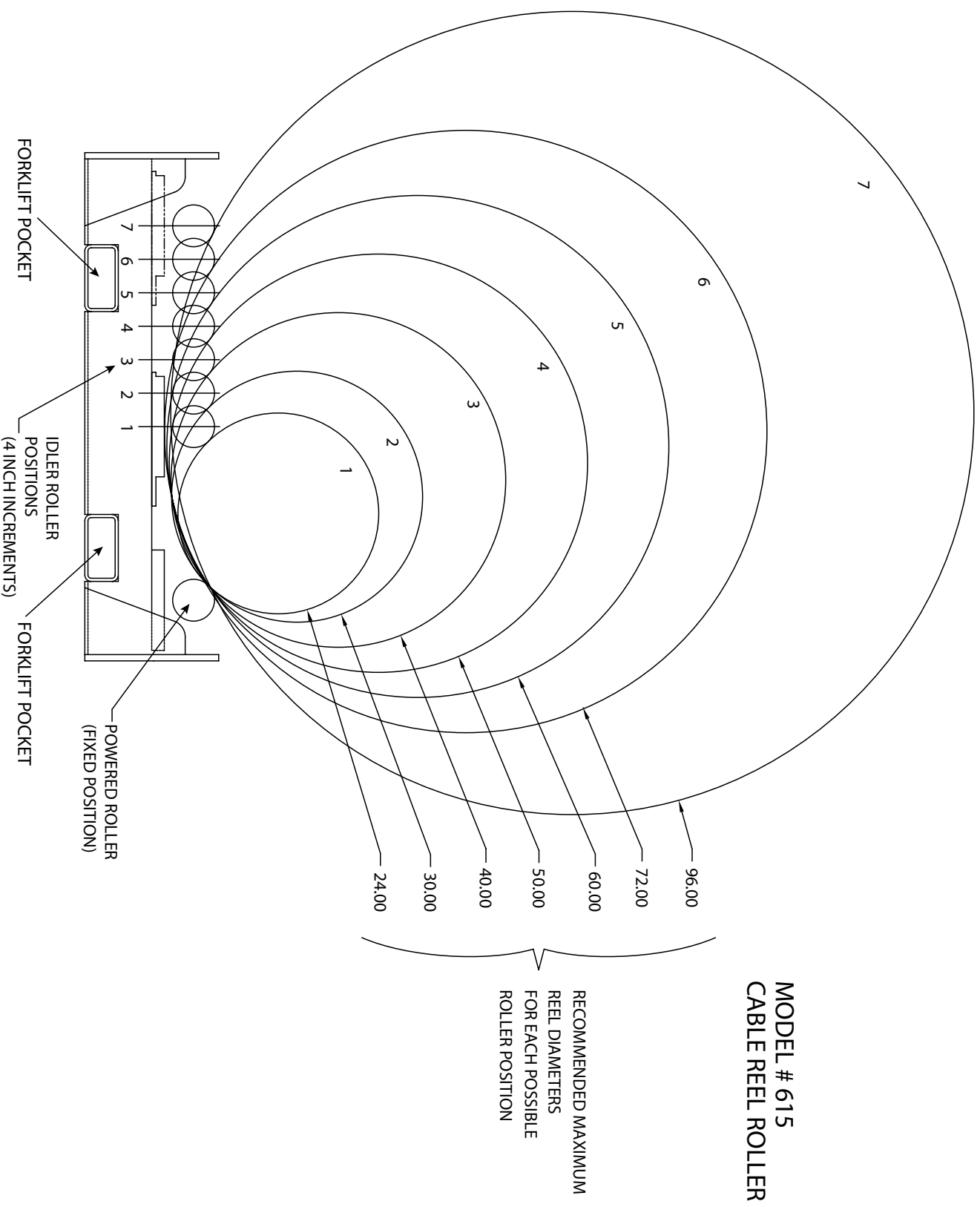
MAINTENANCE

- DO NOT store the cable reel roller in wet or damp locations.
- Grease the pillow block bearings every 20 hours of operation with a good quality multi-purpose (MP) grease.
- Lubricate drive chain every 20 hours of operation with 90W gear oil.
- Before each use, inspect power and control cords for damage.
- Inspect drive chain for wear every 40 hours of operation.

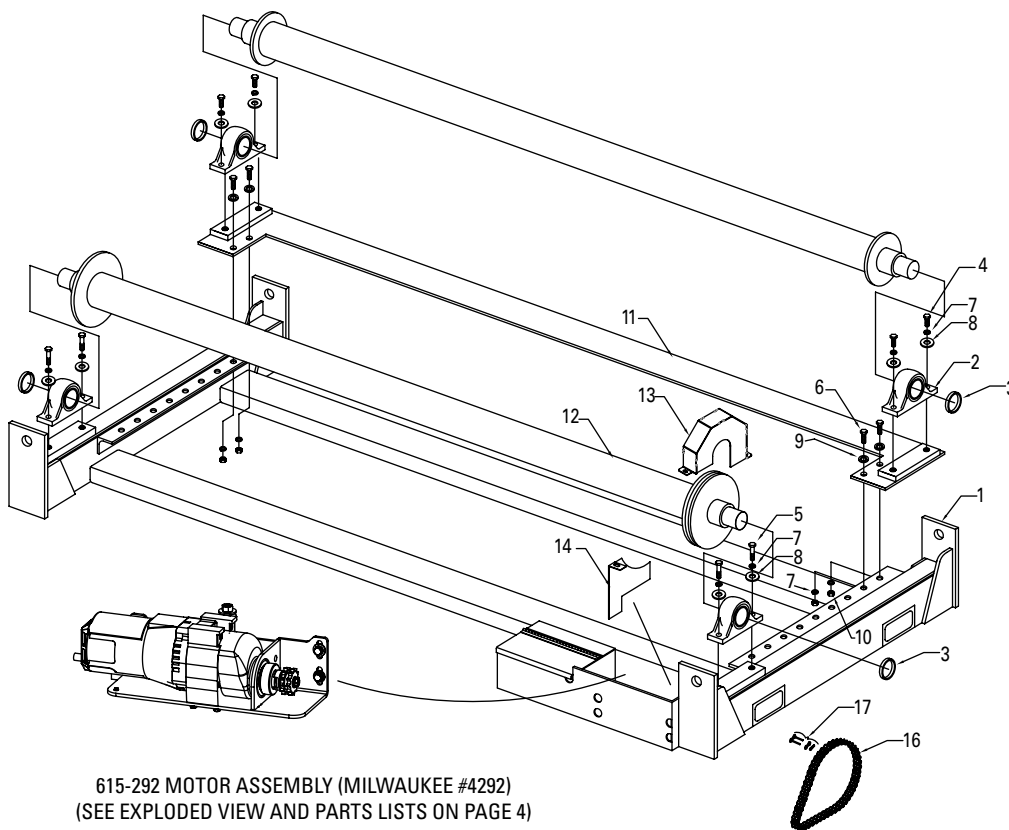


WIRING SCHEMATIC 615-309 MOTOR (MILWAUKEE #4292)





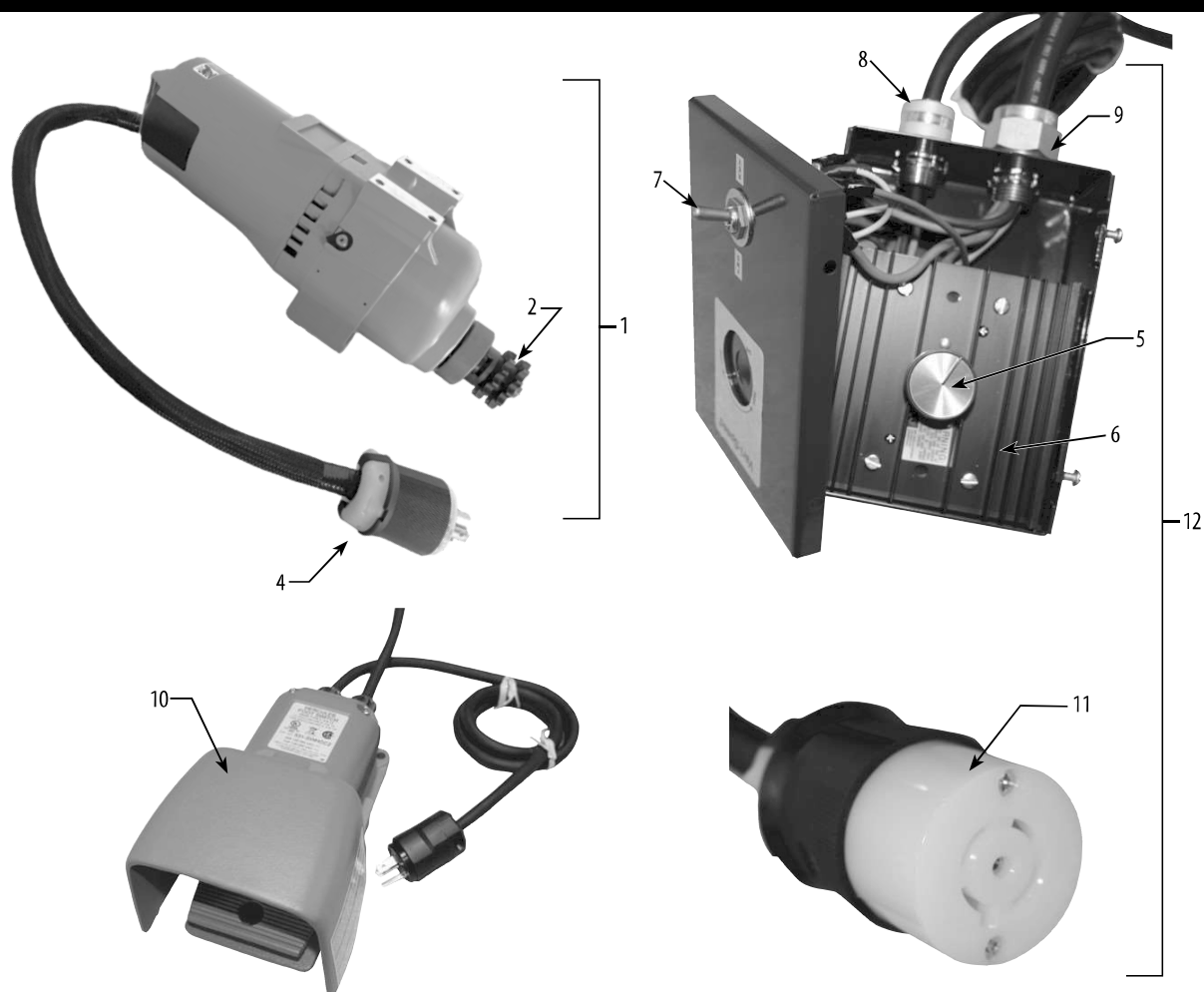
EXPLODED VIEW – MODEL 615 FRAME AND ROLLERS



PARTS LIST – MODEL 615 FRAME AND ROLLERS

ITEM #	PART #	DESCRIPTION	QTY.
1	615-004	WELDMENT – FRAME, 615	1
2	615-9	PILLOW BLOCK BEARING	4
3	615-17	SHAFT COLLAR – 2-15/16	4
4	615-2H	SCREW – HEX HD CAP 3/4-10 × 2"	4
5	615-2G	SCREW – HEX HD CAP 3/4-10 × 2½"	4
6	615-2F	SCREW – HEX HD CAP 3/4-10 × 2¼"	4
7	615-2I	WASHER – LOCK, ¾"	12
8	615-4B	WASHER – FLAT, ¾"	4
9	77-017	WASHER – FLAT, ¾" SAE	8
10	615-2J	NUT – HEX ¾"-10	4
11	615-209	SLIDE PLATE	1
12	615-488A	ROLLER – DRIVE	1
13	615-500	CHAIN GUARD	1
14	615-307	CHAIN SHIELD (INCLUDED IN 615-292 KIT)	1
15	615-488B	ROLLER – IDLER	1
16	615-25	CHAIN, DOUBLE 40	1
17	615-25A	LINK – MASTER, DOUBLE 40	1

MAJOR COMPONENTS – MODEL 615 REEL ROLLER



PARTS LIST – MODEL 615 FRAME AND ROLLERS

ITEM #	PART #	DESCRIPTION	QTY.
1	615-309	MOTOR ASSEMBLY (INCLUDES ITEM #2)	1
2	615-1B	SPROCKET	4
4	615-4	PLUG, MALE TWIST LOCK	4
5	615-6A – KNOB	SPEED CONTROL KNOB	4
6	615-6A	SPEED CONTROL	4
7	615-7	TOGGLE SWITCH	4
8	615-18	STRAIN RELIEF	12
9	615-15	STRAIN RELIEF	4
10	615-30	FOOT CONTROL	8
11	615-5	PLUG, FEMALE TWIST LOCK	4
12	615-30A	HAND CONTROL ASSEMBLY	1