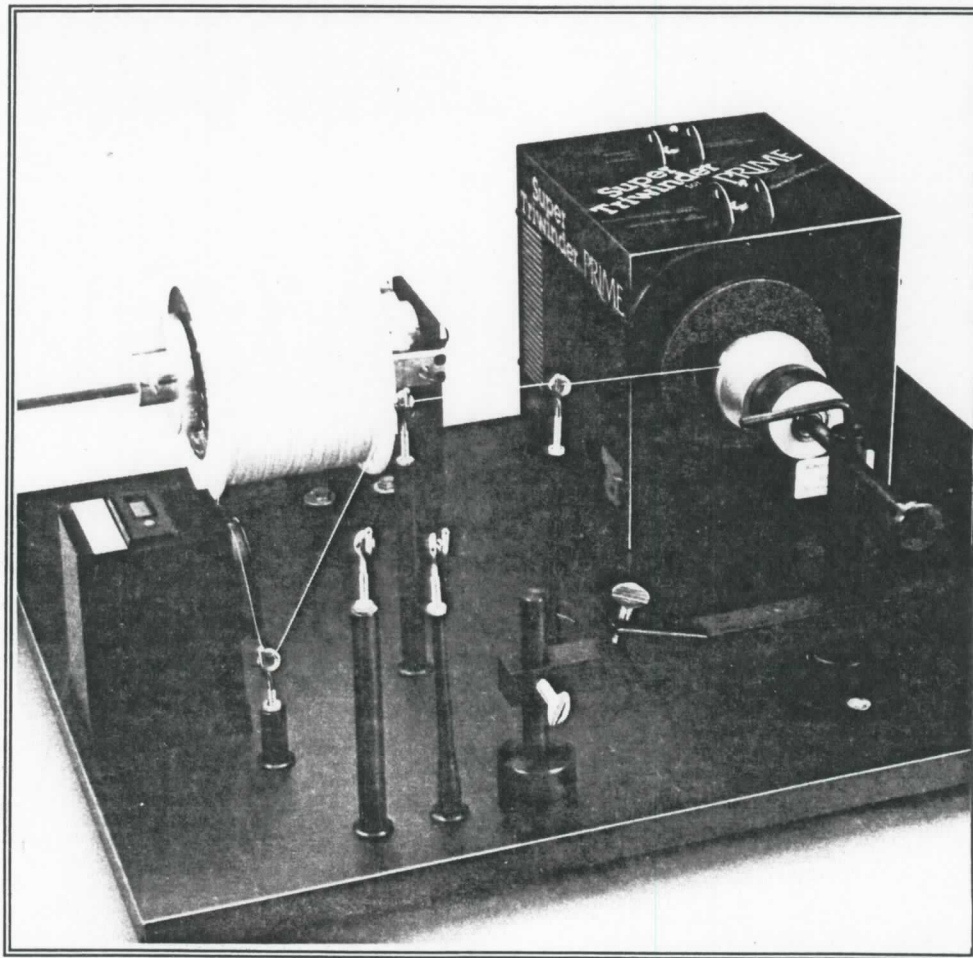


Super II Triwinder

OPERATORS MANUAL



FOR DU PONT PRIME & STREN FISHING LINES



TRIWINDER LINEWINDERS

The Super Triwinder is

- Recommended for filling any reel. Especially suited for big salt water reels requiring high tension during the filling operation.
- Two speed control with variable speed foot pedal.
- Two year guarantee.

The **Triwinder** will quickly and safely wind fishing line from a service spool onto spinning reel spools and conventional casting reels. It is also designed to remove (strip) old line from a spool or reel.

Directions contained in this booklet should be read completely before operating the **Triwinder**. Refer to pages 12 to 13 for Part Identification. This booklet should be kept for future reference.

All units are equipped with:

- Horizontal Service Spool Mounting Device.
- Variable Tension Control.
- Digital Electronic Counter for Fast Accurate Metering of Line.
- Forward and Reverse Control.



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New Jersey residents:

Upon receipt of your **Triwinder** you must notify your local New Jersey Weights and Measures Superintendent to arrange for approval and stamping accordingly.

PRIME® & STREN

SAFE AND EASY OPERATION

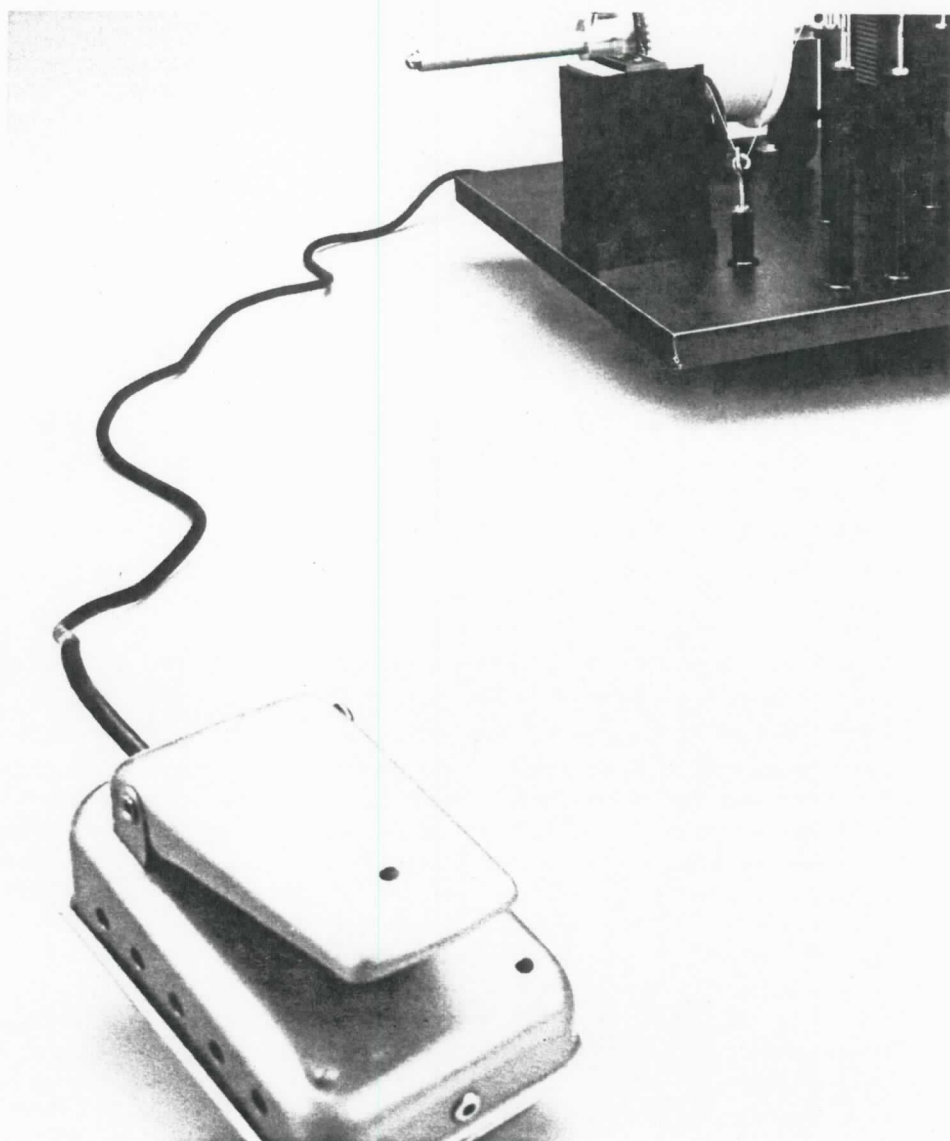
Place the Super **Triwinder** on a solid table or surface with the FOOT SPEED CONTROL on the floor or mounted in a convenient position and connect the plug to a 110-volt/60 cycle electrical outlet.

On top of the MOTOR HOUSING COVER is a three-position toggle switch that controls direction and provides an OFF switch (FORWARD-OFF-REVERSE). When the unit is not in use, this toggle switch should be put in the OFF position to prevent accidental machine operation.

The Super **Triwinder** has a second toggle switch to set speed (HIGH-LOW). The FOOT SPEED CONTROL allows variable speed control within these ranges.

The Super **Triwinder** has an electronic controller with a "current limit" which limits the power to the motor. In the event of an overload, the motor will slow down until the load is decreased. If the spindle is stalled, the spindle torque is limited by the controller. Do not operate in a stall condition for more than 15 seconds. Check for malfunction of reel or some obstruction.

In case of circuit fault or short within the machine, an internal fuse is located under the MOTOR HOUSING COVER of the Super **Triwinder**. This fuse is for circuit protection and is not used as overload protection for the motor. In the event this fuse should open, disconnect power from the **Triwinder** and remove the MOTOR HOUSING COVER. Check for shorted wires or any foreign objects. Replace the fuse with an 8 amp 3 AG fuse.



FOOT SPEED CONTROL on the floor for foot operation.

OPERATING TIP

Do not switch the motor direction while the motor is running. Do not run your linewinder on the same electrical circuit as a heat producing appliance, such as a coffee maker or a heat shrink machine.

Replace MOTOR HOUSING COVER before connecting power. If fuse opens again, return **Triwinder** for factory maintenance.

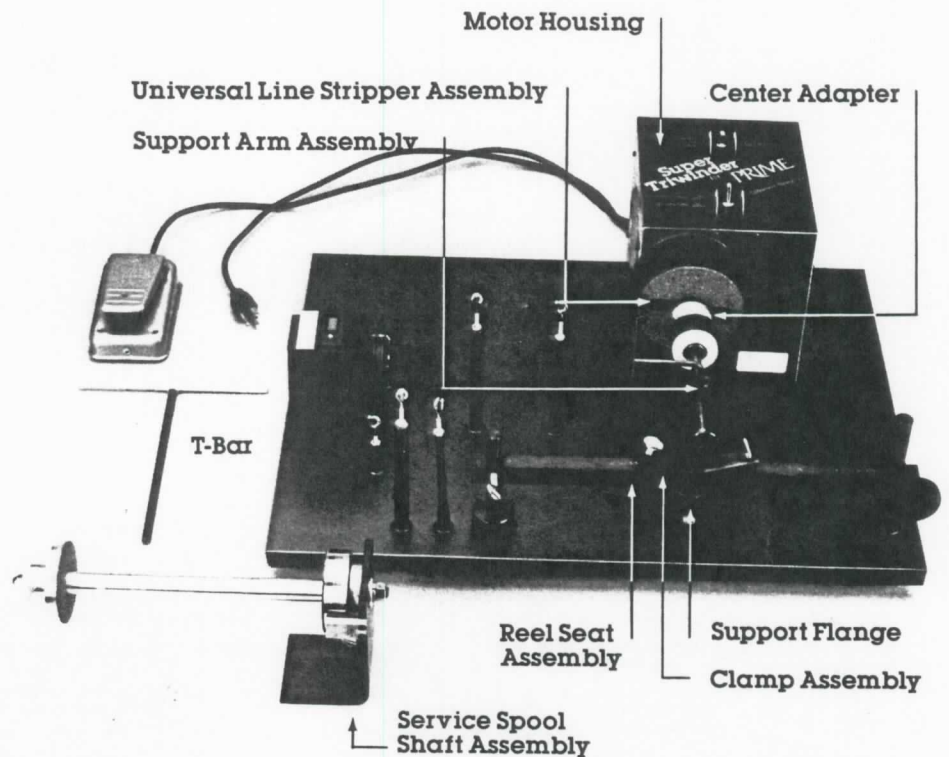
SET UP

The detached parts you will need to operate the **Triwinder** are the **SERVICE SPOOL SHAFT ASSEMBLY** (part no. 2066A) AND THE **T-BAR**.

The **UNIVERSAL LINE STRIPPER ASSEMBLY** (part no. 2026A) is inserted in the drive shaft of the **MOTOR HOUSING** and the **SUPPORT ARM ASSEMBLY** (part no. 2031A) is inserted in the **SUPPORT FLANGE** on the base of the **Triwinder**.

To position and mount the SERVICE SPOOL SHAFT ASSEMBLY:

1. Position **SERVICE SPOOL SHAFT ASSEMBLY** over the two mounting holes in the base of the **Triwinder** as shown in the photo.
2. Secure the assembly to the base with the two hex head bolts sets provided and tighten the bolts firmly.



CAUTION:

The **Triwinder** is designed for safe operation. However, when operating this unit REMEMBER IT IS AN ELECTRICAL MACHINE WITH MOVING PARTS.

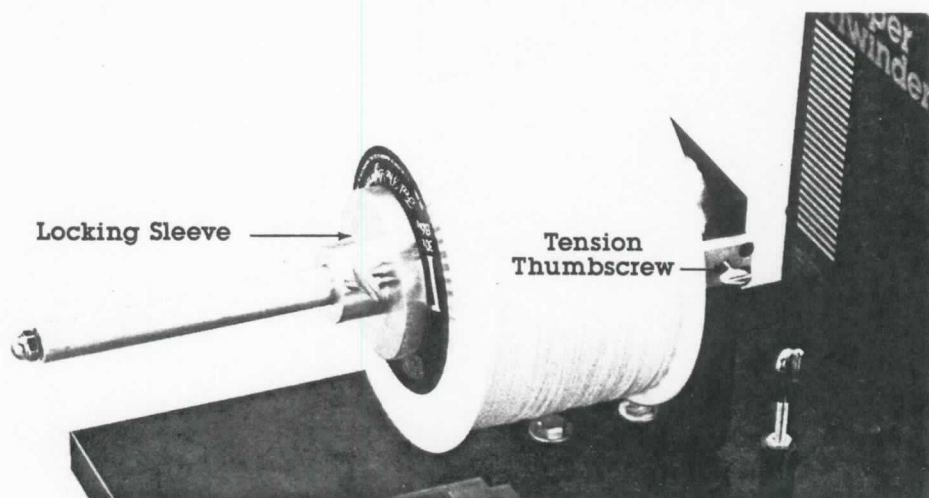
To avoid the risk of personal injury, the following steps should be taken:

1. The **FOOT CONTROL** should be located so it is not accessible to anyone but the operator.
2. Proper selection of speed must be used to prevent excessive vibration while winding. "Low Speed" should be used on all conventional reels. "High Speed" should be used on spinning spools.
3. While the unit is running and the **T-BAR** is in use, do not touch the **T-BAR** with your hands. Be sure loose clothing, ties, and long hair are secured to insure they cannot get caught in this unit and cause injury.
4. The unit should be turned to the "OFF" position when setting up for operation and when changing winding applications.
5. Before changing directions of this unit be sure the machine is completely stopped.
6. Should fishing line become tangled at the electronic counter pulley, keep fingers away from the pulley until the unit is switched to the "OFF" position.

MOUNTING THE SERVICE SPOOL

The SERVICE SPOOL SHAFT will accept any size STREN® or PRIME® service spool and is designed to provide tension to the spool so that you may have both hands free for better winding.

Remove the LOCKING SLEEVE and slide the service spool onto the SLEEVE SPOOL SHAFT. Replace the LOCKING SLEEVE. Tension can be adjusted by turning the tension thumbscrew. Tension is increased by turning the thumbscrew in a clockwise direction and decreased by turning the thumbscrew in a counter-clockwise direction.



OPERATING TIP

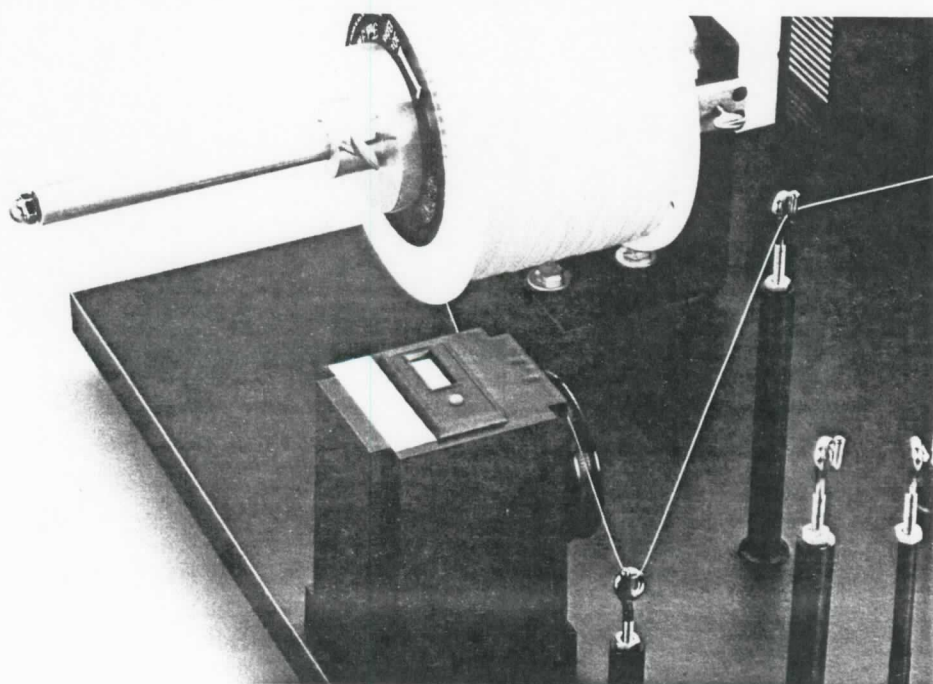
When spooling light lines (2 to 8 lbs.) the line should be spooled with a minimum amount of tension and the use of backing material, such as Dacron or other supply type material, is suggested.

MEASURING LINE

The **Triwinder** is equipped with a digital ELECTRONIC COUNTER device which measures line by the yard. However the first digit represents 1/10 of a yard. Therefore one yard is actually shown at number 10 on the counter display.

Tie line directly from the service spool to the reel spool before engaging through the pigtails or around the counter pulley.

Place line through the pigtails on the short posts and around the counter pulley for one full revolution. Then place the line through the appropriate long post and spring post. The line should now be wound for a few revolutions around the reel spool. At this time, the counter should be reset by pressing the red counter reset button.



Refer to threading instructions for FILLING SPINNING REEL SPOOLS and FILLING CONVENTIONAL CASTING REELS for more details.

FILLING SPINNING REEL SPOOLS

To work conveniently, lower the REEL SEAT ASSEMBLY as far as possible by releasing the KNOB and THUMB SCREW found on the side of the assembly. Lower bar of assembly and tighten KNOB and THUMB SCREWS on the CLAMP ASSEMBLIES.

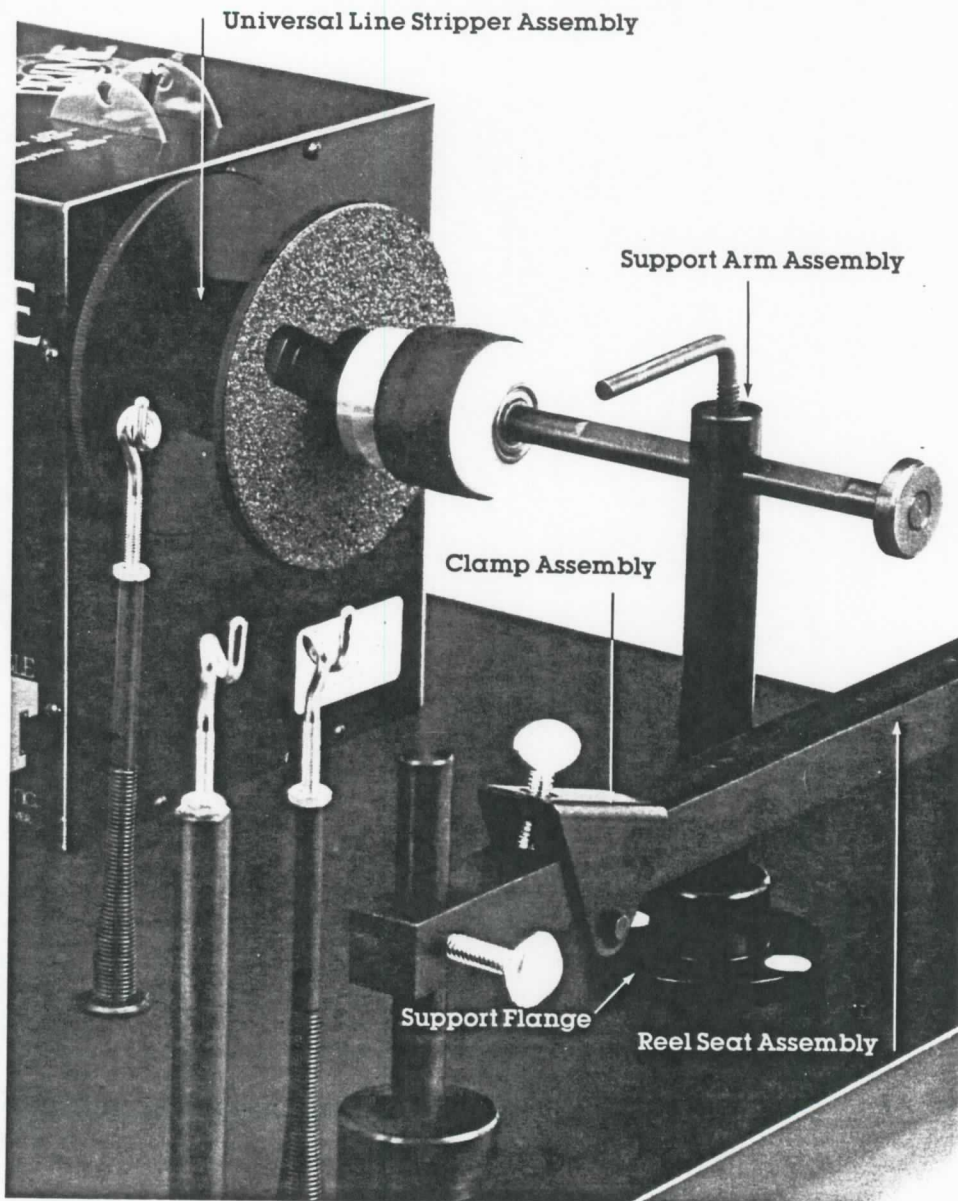
Insert the SUPPORT ARM ASSEMBLY into the D-shaped hole of the SUPPORT FLANGE to assure alignment. Tighten THUMB SCREW on SUPPORT FLANGE.

Place the UNIVERSAL LINE STRIPPER ASSEMBLY in the motor output shaft. Center spool to be filled on the spring-action point on the UNIVERSAL LINE STRIPPER. Position any screw or other protrusion on the spool in the slots on the face of the UNIVERSAL LINE STRIPPER ASSEMBLY so the spool will lie flush on the cushioned face.

A CENTER ADAPTER (part no. 4035) is used for some skirted spools with large center holes. If needed, the CENTER ADAPTER slides over the existing center on the UNIVERSAL LINE STRIPPER.

Push the horizontal arm of the SUPPORT ARM ASSEMBLY firmly and squarely against the center of the spool wedging it against the spring-action point of the UNIVERSAL LINE STRIPPER ASSEMBLY. Lock the spool in this position by tightening the "L" SCREW located at the top of the horizontal arm of the SUPPORT ARM ASSEMBLY.

Flip the forward-off-reverse TOGGLE SWITCH to the desired



direction. **ALL SPOOLS DO NOT WIND IN THE SAME DIRECTION.** Position the SPEED CONTROL TOGGLE SWITCH on high or low. The FOOT CONTROL allows you to control the speed within these ranges. Slowly depress the FOOT CONTROL to check for proper alignment and direction of the spool. If you

encounter excess wobble, check alignment of spool or tension on the service SPOOL SHAFT ASSEMBLY.

Check to make sure that you have the Forward-Off-Reverse TOGGLE SWITCH set in the appropriate direction for the spool you are using.

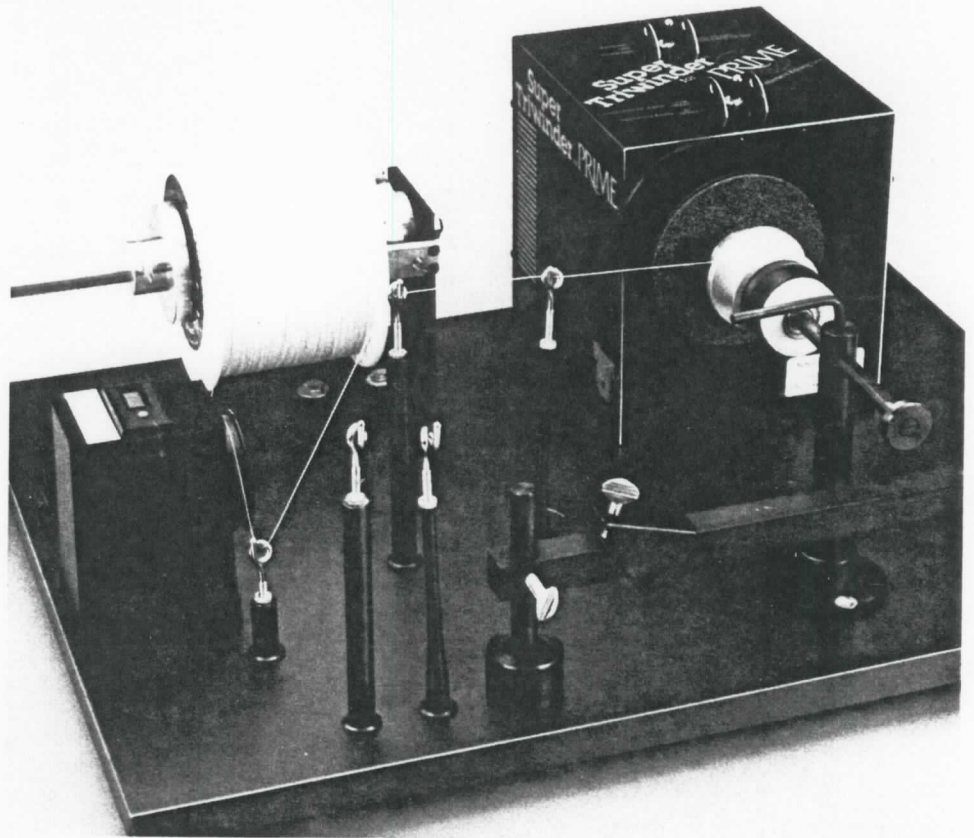
Thread new line counter-clockwise from service spool. Tie line directly from the source spool to the reel spool before engaging through the pigtails or around the counter pulley. Then place the line through:

1. The pigtail atop the first short post,
2. over, under and around the counter pulley,
3. through the pigtail atop the next short post,
4. through the pigtail atop the long post (near motor housing),
5. through the pigtail atop the spring post (near motor housing).

Clear ELECTRONIC COUNTER by pressing the red COUNTER RESET BUTTON, and begin winding. To insure level feeding, manually shift the spring post located directly in front of the UNIVERSAL LINE STRIPPER ASSEMBLY from left to right while winding.

When the spool is full, cut the line, loosen the "L" SCREW on the SUPPORT ARM ASSEMBLY, draw back the horizontal arm and remove spool. Press the RED COUNTER RESET BUTTON.

The same procedure is used for skirted spools. However, some deep-skirted spools need the use of the CENTER ADAPTER to insure proper engagement against the UNIVERSAL LINE STRIPPER.



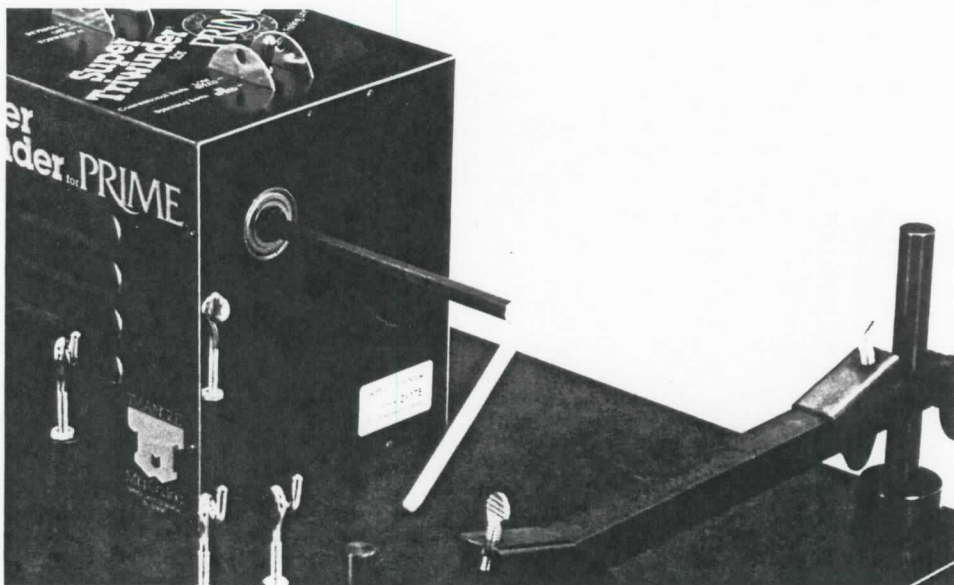
OPERATING TIP

Due to the spool designs of the various reel manufacturers it is in some cases advantageous to reverse the spool and motor direction when spooling line (i.e. some skirted spool models, etc.)

You might advise customers that you are **not** responsible for spools that break. You may wind line on any spool, metal or plastic, but neither we nor you have any control over the condition of the spool to be wound.

FILLING CONVENTIONAL CASTING REELS

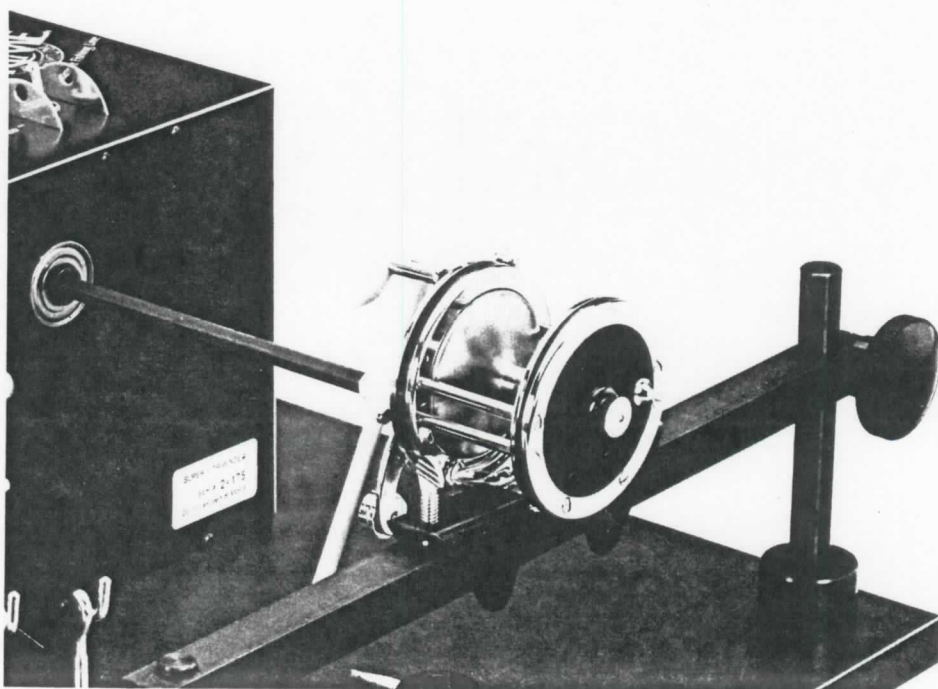
Remove the SUPPORT ARM ASSEMBLY by unscrewing the THUMB SCREW the SUPPORT FLANGE. Remove the UNIVERSAL LINE STRIPPER ASSEMBLY. Insert the T-BAR into the motor output shaft.



T-BAR mounting for Super **Triwinder**.

Loosen both THUMB SCREWS on the CLAMP ASSEMBLY. Mount the reel to the REEL SEAT ASSEMBLY so that the center of the reel's drive shaft is in line with the center of the T-BAR. This can be checked by extending the T-BAR until it almost touches the reel.

The T-BAR should interlock with the retrieve handle on the reel. Raise or lower the REEL SEAT ASSEMBLY as necessary to get the proper alignment.

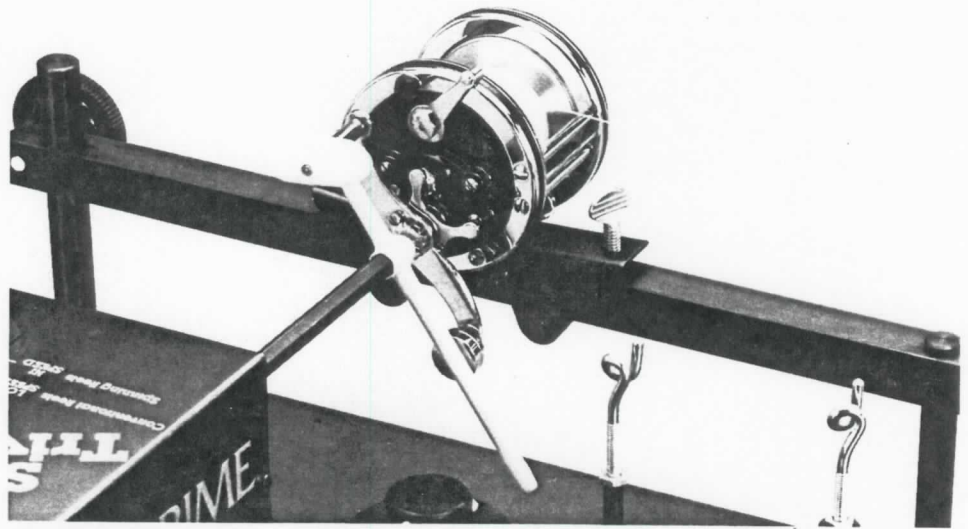


Conventional Reel shown mounted on a Super **Triwinder**.

Once the reel is centered properly, position the front and rear clamps onto the reel foot and secure.

ALL REELS DO NOT WIND IN THE SAME DIRECTION.

Set the direction and slowly depress the FOOT CONTROL to check for proper alignment. Conventional reels should always be filled in the LOW speed. Filling in HIGH speed may cause damage to conventional reels as well as to the machine. If vibrating occurs, recheck the alignment.

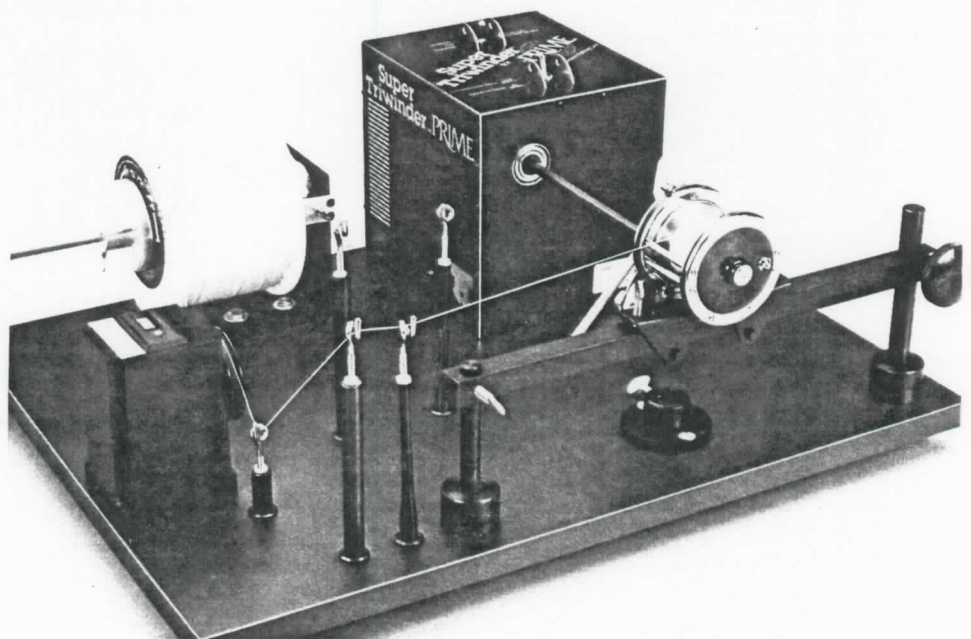


Alignment for Conventional Reel.

Thread new line counter-clockwise from service spool. Tie line directly from the service spool to the reel before engaging through the pigtails or around the counter pulley, then place the line through:

1. The pigtail atop the first short post,
2. over, under and around the pulley,
3. through the pigtail atop the next short post,
4. through the pigtail atop the long post and spring post adjacent to the REEL SEAT ASSEMBLY.

Check direction, clear ELECTRONIC COUNTER by pressing the red COUNTER RESET BUTTON, and begin winding. To insure level feeding onto the spool, manually shift the spring post, located directly in front of the REEL SEAT ASSEMBLY, from left to right while winding.



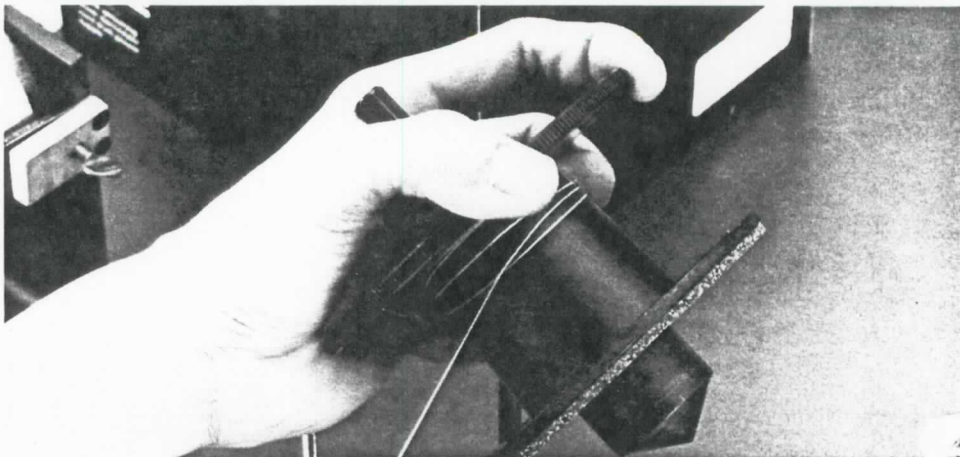
When the reel is full, cut the line, loosen the THUMB SCREWS on the CLAMP ASSEMBLY, remove reel,

tighten THUMB SCREWS. Remove T-BAR from motor output shaft. Refer to SAFE AND EASY OPERATION.

STRIPPING LINE

For stripping, conventional reels can be mounted on the REEL SEAT ASSEMBLY. Follow mounting instructions for "Filling Conventional Casting Reels". The reel may also be hand held for stripping.

When hand holding a reel or spool during stripping, PROCEED CAUTIOUSLY to avoid having it jerked from your hand when the end of the line is reached and to avoid injury to hands from the line.

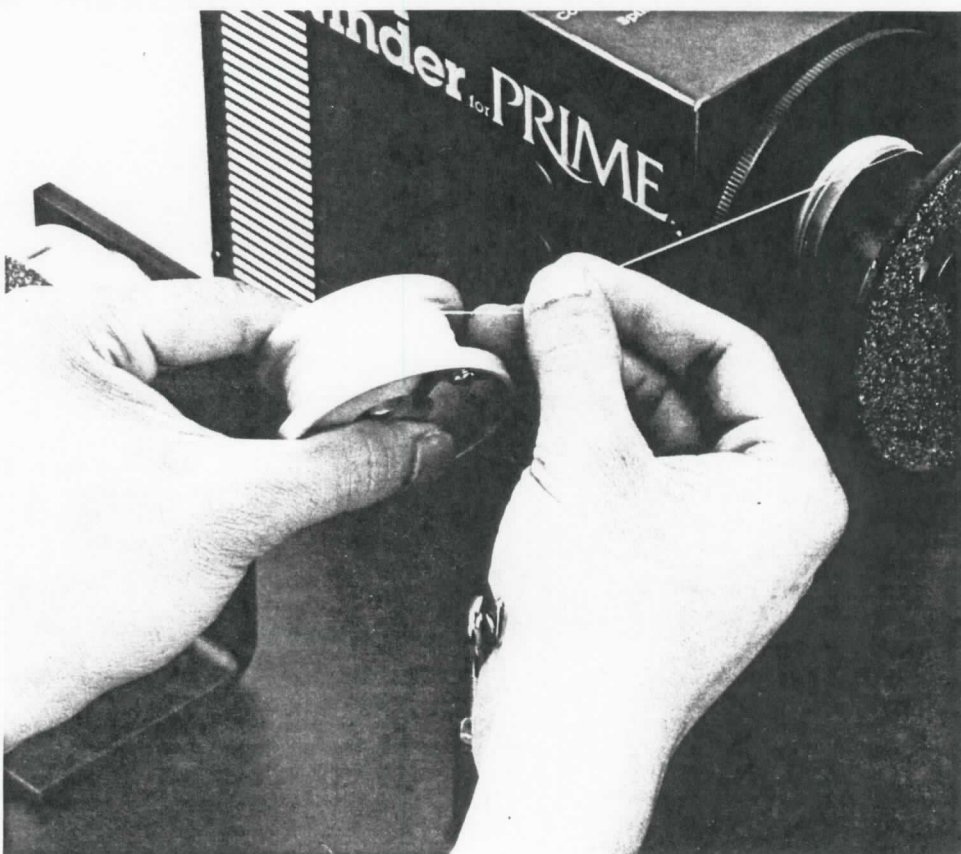


To remove old line, loosen the REAR KNURLED PLATE of the LINE STRIPPER SPOOL a quarter turn. Insert the end of the old line and tighten plate to secure the line.

Insert the UNIVERSAL LINE STRIPPER ASSEMBLY into the drive shaft of the motor housing. Set the direction and slowly press the FOOT/KNEE VARIABLE SPEED CONTROL to check winding direction. Line will be traveling from mounted reel or spool or hand held reel or spool and winding onto the UNIVERSAL LINE STRIPPER SPOOL. Begin line removal.

To allow easy line removal, wind the line on the UNIVERSAL LINE STRIPPER ASSEMBLY with very loose tension.

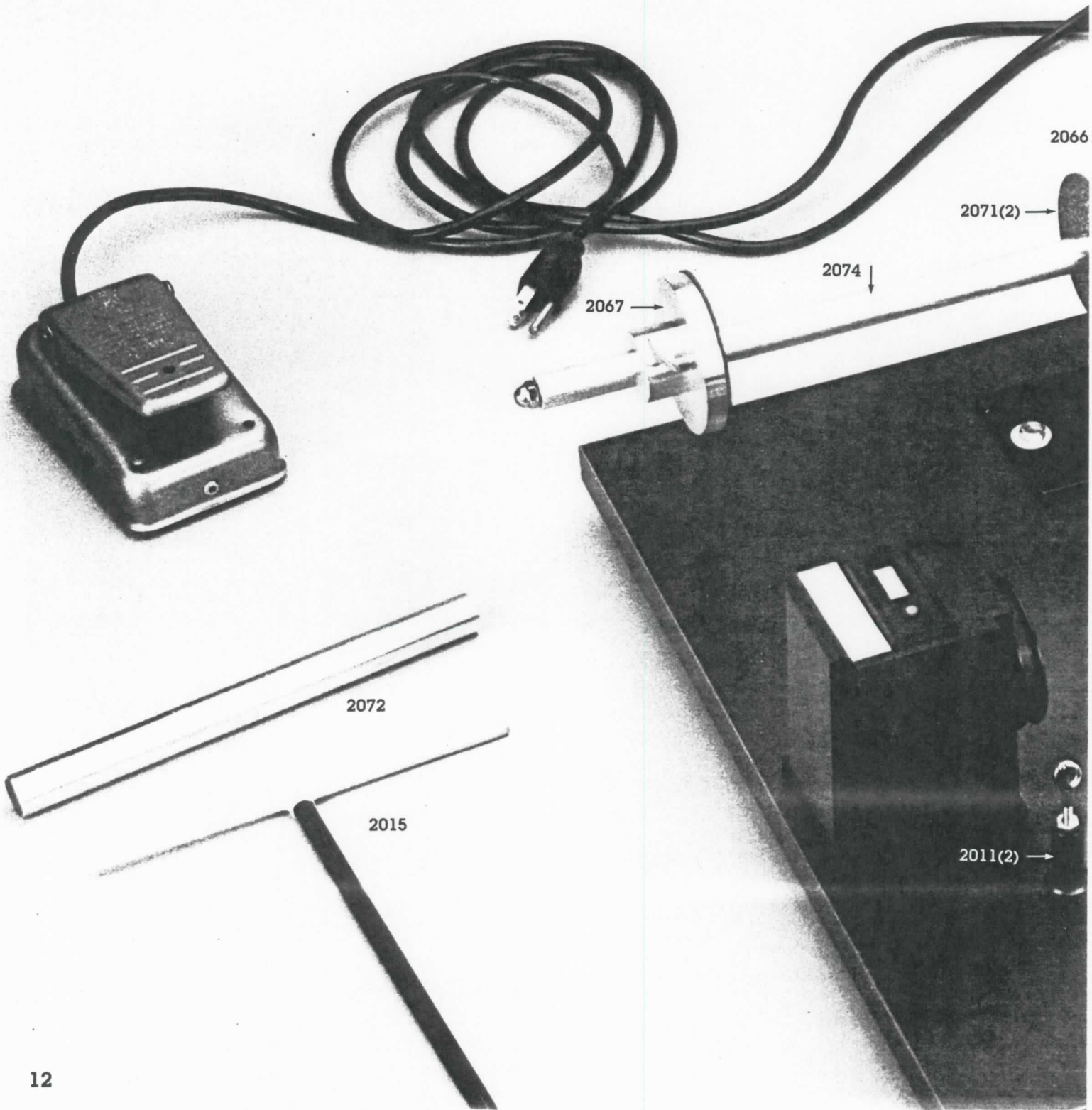
When all line is off the reel or spool, remove the REAR KNURLED PLATE of the UNIVERSAL LINE STRIPPER ASSEMBLY and remove the line from its tapered core. If very large reels are stripped (10-0 and up), the capacity of the LINE STRIPPER SPOOL may be exceeded and it should be unloaded and above procedure repeated if necessary.

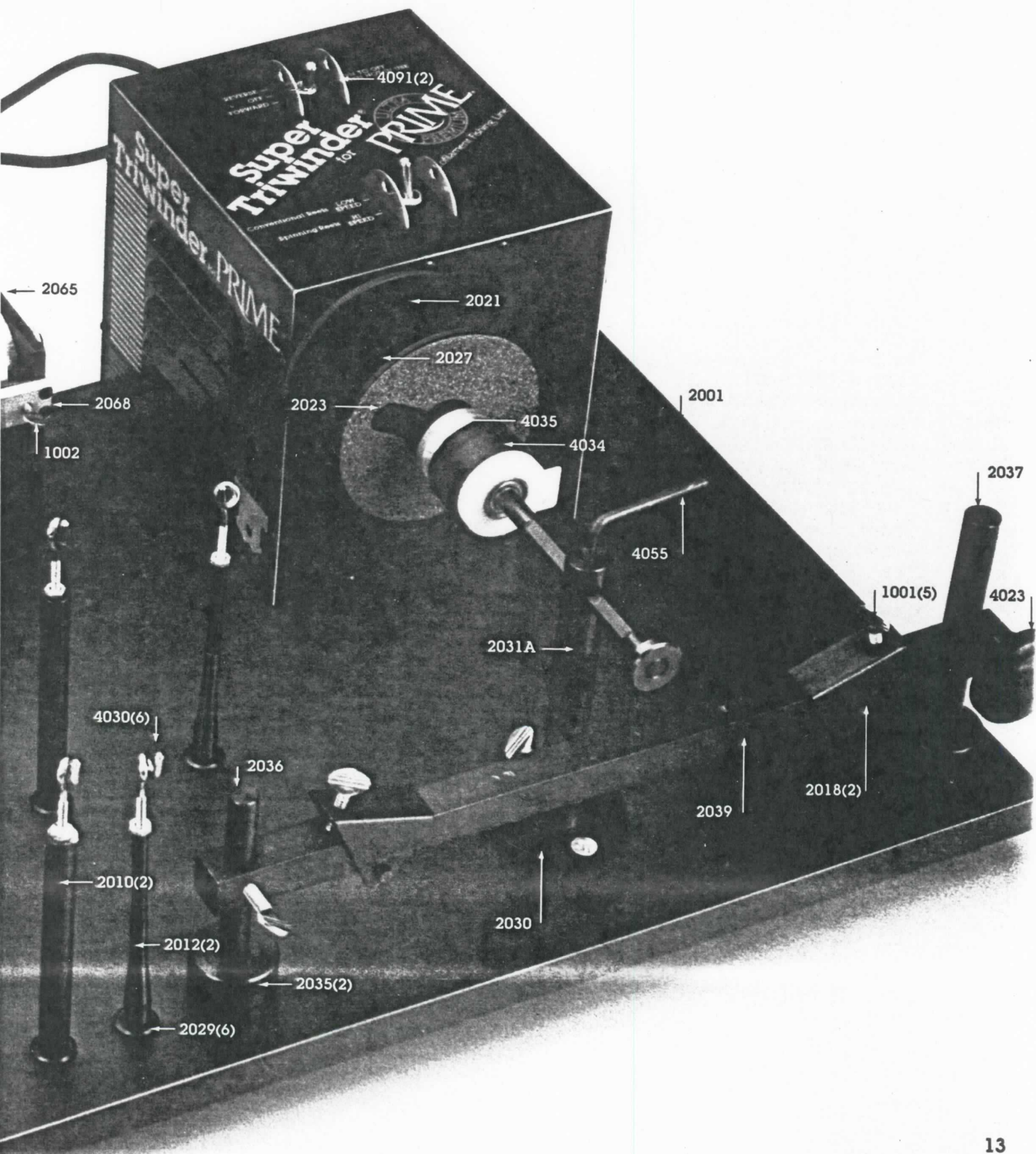


OPERATING TIP

When stripping line, the line should be fed toward the front position of the line stripping assembly, and not toward the rear plate. Line buildup against the rear plate may create tension severe enough to prevent the removal of the rear plate. When stripping line the support arm assembly should be engaged against the line stripper assembly.

SUPER TRIWINDER





FRESHWATER & SUPER II SERIES PARTS LIST

1001	Thumb Screw (1/4-20) ea	2075	Service Spool Brake Pad
1002	Thumb Screw (10-32) ea	2082	Counter Pulley w/magnets & bearing
1003	Motor Cover Screw (4-40 x 1/4) set of 8	2083	Counter Shaft
1004	Motor Housing Screw (4-40 x 1/2) set of 8	4001-4	Motor, Super II
2001	Super II Base	4002-3	Electronic Controller, Super
2010	Long Post w/pigtail	4005	Cord Set (110V)
2011	Short Post w/pigtail	4006	Cord Set (Foot Control)
2012	Spring Post w/pigtail	4009-1	Fuse (Super II 8A)
2015	T-Bar	4010A	Foot Control Assy. (super)
2018	Reel Clamp Assy. w/thumb screw	4014	RHEOSTAT (super)
2021	Knurled Rear Plate, Line Stripper	4019	Large Pulley
2022	Front Plate, Line Stripper	4020	Timing Belt
2023	Friction Disc, Linestripper	4021	Motor Housing Bearing (set of 2)
2025	Plunger, Linestripper	4023	Reel Seat Knob
2026A	Linestripper Assy.	4025	Rubber Feet (set of 4)
2027	Spool w/stud, Linestripper	4026	Line Stripper Spring
2028	Linestripper Stud	4030	Pigtails
2029	Washer	4034	Rubber Cover, Support Arm
2030	Support Arm Flange w/thumb screw	4035	Center Adaptor
2031A	Support Arm Assy.	4036	Box Assy.
2033	Nylon Driver w/bearing (support arm)	4055	L-Screw
2035	Spacer	4090	Small Pulley
2036	Short Shaft	4091	Switchguard (set of 2)
2037	Long Shaft	4096A	Counter Assy.
2039	Reel Bar—Super	4097	Batteries size "N" (set of 2)
2040	Drive Shaft w/snap ring	4098	Counter Bearing
2042-3	Cover, Super II	4100	Counter Magnets (set of 2)
2065	Service Spool Base	4102	Counter Decal
2066	Service Spool Housing w/bearing		
2066A	Service Spool Assy.		
2067	Service Spool Collar w/thumb screw		
2068	Service Spool Brake Holder		
2069	Service Spool Brake Spring		
2070	Service Spool Spacer		
2071	Service Spool Friction Disc (set of 2)		
2072	Service Spool Spacer Tube		
2073	Service Spool Shaft		
2074	Service Spool Bearing Tube w/bearing		

SERVICE POLICY

Spare and/or replacement parts for your **Triwinder** should be ordered from Triangle Manufacturing Company. A list of all such parts and part numbers is included on page 14 and these should be used when placing an order. You will be advised of part(s) availability and current prices by mail. Shipment of parts will be made only upon your authorization.

If you require service on your linewinders, please contact Triangle Mfg. Co. Inc. before returning your entire unit. Very often, minor service can be handled by telephone, or only one part of your machine may need to be returned for service. Please retain original shipping containers should shipment of the entire unit back to the factory be necessary.

LIMITED WARRANTY

Super Triwinder:

The manufacturer's obligation will be limited to **2 years** and will include repairing or replacing any part of the product which, upon our examination, we determine to be defective. Such a warranty will not apply to defects which result from accidents, alterations, misuse, abuse, or normal wear.

TRIANGLE MANUFACTURING COMPANY, INC.
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Upper Saddle River, NJ 07458
201/825-1212