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## HOW TO ORDER PENN REEL PARTS

1. By mail, please list model for which you are buying parts and order parts by name and number.
2. Include your legible, printed name, address and daytime telephone number with your order.
3. Penn will then send you an invoice, showing part prices plus shipping and handling charges.
4. There is a minimum part order of \$2.00 and a shipping and handling charge of \$3.00 on a minimum order.
5. Upon receipt of your payment (check or money order only), your order will be shipped to you via parcel post or U.P.S.
6. For faster service, you may also use your MasterCard or VISA credit card to mail in parts orders. Specify MasterCard or VISA card, account number and expiration date when ordering parts. Be sure to include information requested in Steps 1 & 2.
7. You may also use your MasterCard or VISA to place parts orders over the telephone. Call the Penn Parts Department at (215) 229-9415 between 8:30 am and 4:30 pm U.S. East Coast time.
8. For fastest service, see your local Penn dealer. Check telephone directory for dealer nearest you.

## PENN LIMITED WARRANTY

Penn Fishing Tackle Mfg. Co. warrants its Products to be free from defects in materials and workmanship for a period of one year from the date of purchase. This warranty does not cover damage or malfunctions caused by accident, abuse or normal expected wear. If your Penn Product has a defect within the terms of the warranty, you should return it to us at one of the Penn Warranty Centers indicated below. All shipping and insurance costs and transportation arrangements will be borne by you and are your responsibility. We will repair or replace the Product, at our option, without further cost to you, (including free return transportation and insurance). If, however, the repair is not covered by the provisions of this warranty, your Penn Product will be repaired and returned to you at a reasonable charge for labor, parts and return transportation and insurance.

ALL WARRANTIES WHICH MAY BE IMPLIED BY OPERATION OF LAW, INCLUDING BUT NOT LIMITED TO WARRANTIES OF MERCHANTABILITY AND WARRANTIES OF FITNESS FOR ANY PARTICULAR PURPOSE, SHALL BE LIMITED TO ONE YEAR FROM THE DATE OF PURCHASE. IN NO EVENT SHALL PENN FISHING TACKLE MFG. CO. BE LIABLE FOR INCIDENTAL OR CONSEQUENTIAL DAMAGES FOR BREACH OF THIS WARRANTY OR ANY OTHER WARRANTY WHICH MAY BE IMPLIED BY LAW.

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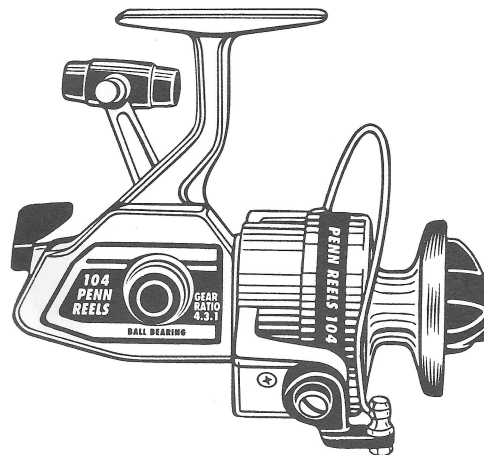
Penn Fishing Tackle Mfg. Co.  
Factory Service Department  
3028 W. Hunting Park Ave.  
Philadelphia, PA 19132-1121

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406-103C 6/99



# PENN®



## 103C, 104, 105C SKIRTED SPOOL SPINNING REELS

### INSTRUCTION AND PARTS MANUAL

PENN FISHING TACKLE MFG CO.

## 103C-104-105C SPECIFICATIONS

MODEL	LINE CAPACITIES YDS/LB METERS/MM	GEAR RATIO	WEIGHT OZ GRAMS
103C	<u>250/10</u> 230/0.30	4.3-1	<u>14.5</u> 410
104	<u>200/15</u> 180/0.40	4.3-1	<u>17.5</u> 500
105C	<u>200/20</u> 180/0.45	4.1-1	<u>25.5</u> 720

## OPERATING FEATURES 103C-104-105C

- Internal automatic trip with manual override: bail will close on forward rotation of handle. Bail can also be closed manually by flipping down.
- Anti-reverse: silent on models 103C, 104 and 105C.
- Convertible folding handle: converts to right or left hand drive in seconds. To convert, hold rotor and turn handle backward. Remove handle, collar and housing handle cap and install those parts in opposite sides of reel.
- Smooth, dependable drag system: operates by turning drag knob clockwise (with knob facing you) for more pressure, counter-clock-wise for less pressure.

## ADDITIONAL FEATURES 103C-104-105C

- Shielded stainless steel ball bearing
- Stainless steel bail
- Supported stainless steel crosswind shaft

## WINDING LINE ON REEL

Your local Penn dealer can fill your reel properly with the right line for your kind of fishing. If you want to wind the line on yourself, first mount the reel on your rod. Thread the line through at least one guide and open the bail. Then tie the line on the spool.

Have someone else hold the bottom of the spool of line while you fill the reel spool. Either your partner or you should apply moderate tension for best results.

Be sure the line comes off the bulk spool in the same direction (rotation) as it goes on the reel spool. This procedure is most important to avoid twists and kinks. Usually the top label of the bulk spool facing the reel will put your line on in the right direction, but be sure to verify this before filling your reel's spool.

Depending upon line size and personal preference, the line on a properly filled spool will range 1/4 to 1/8 of an inch from the upper spool flange.

## HOW TO CAST

Spinning reels made casting relatively easy. Although your technique will improve with practice, the following basic steps should have you casting—and hopefully catching—in a reasonably short time.

1. Hold the rod in your right hand (if right handed) with the reel in a 9 o'clock position. Keep the stem of the reel between the third and fourth fingers. Wind your lure to within 2 to 4 inches of the rod tip. At the same time, position the roller guide directly below your index finger. Keeping your reel out of anti-reverse (so that you can turn handle both ways) will help in positioning both your lure and roller.
2. Pick the line up with your index finger of your right hand. Use the fleshy part on the first joint, since this part of the finger is the most sensitive.
3. Using your left hand, lift the bail over until it opens into the casting position. (On rods with long butts, your left hand should now hold the bottom of the butt for additional leverage.)
4. With your finger still holding the line and making sure the bail is open, swing the rod to a 2 o'clock position.
5. With a quick forearm action, swing the rod forward to a 10 o'clock position. At the instant you reach this position, release the line. After you develop the feel of the rod, you will learn to "build" the rod with power while swinging it during the cast. Doing this will provide extra distance to your cast. Remember, if your lure is going too high during the cast, you are releasing the line too soon.

- Anodized aluminum spool with handy line capacity chart
- Die cast aluminum housing and rotor cup for strength and light weight
- Multi-disc drag system for smooth operation and control
- Strong, dependable Penn gearing system

## CARE AND LUBRICATION

Your Penn 100 series spinning reel is quality manufactured for maximum durability, but like any precision instrument, reasonable care will ensure top performance through many seasons.

After each fishing trip, the reel should be cleaned. If you have been fishing in salt water, wipe or wash the reel with fresh water, preferably warm, to remove any accumulated salt deposits.

Should you wash the reel, be careful not to use a driving force of water, since this will force the salt deposits into the reel's internal mechanisms. Rather, use a very fine spray to dissolve the salt on the external parts of the reel.

Dry excess moisture from the reel and then sparingly lubricate all exposed areas. Many fishermen use a pressurized spray oil for quick, easy protection after washing or wiping down their reels. Try not to get any oil on the fishing line, but should any excess spray oil get on your line, it will do no harm if you wipe the excess off. Other fishermen will apply a light coating of oil to the exposed metal parts on the reel with a rag for protection against the elements.

Your 100 series reel should be stored in a cool, dry place. Do not store in a plastic bag, as the reel may develop condensation.

Periodically examine your reel and tighten loose screws and fittings. Depending upon use, your reel should be overhauled at least once every season.

Frequently lubricate all frictional points. For best results, use Penn's tubes of lube and Blue Grease. Remember, only a few drops or dabs are sufficient in most cases. Do not overlubricate!

Releasing the line too late will shorten your cast considerably. As your experience increases, you will learn the proper timing for a perfect cast.

During the cast, you may want to control distance by "feathering" the line. Place your right index finger against the spool and apply light pressure on the moving line. Feathering the line can help you place your lure more accurately.

When your lure hits the water, you can close the bail manually or, by turning the handle forward, close the bail automatically. As you continue to turn the handle, the bail will retrieve your line.

Many anglers like to fish with the anti-reverse off, (so that the handle can turn both ways), and then switch to anti-reverse (so that the handle will turn forward only and retrieve line) after they have hooked into a fish.

Still others prefer to fish with the anti-reverse on all of the time. Your choice will be dictated by personal preference. Try fishing both ways and use the method that better suits you.

## SPINNING TIPS

- While fishing and retrieving lures, it is best to keep your rod in an upward position. Your rod will absorb the sudden power of a strike or snag and you will be ready to set the hook when a fish strikes.
- Be innovative while fishing. Try different lures, bait, retrieves, etc. if you're not hooking up. Use your imagination, ingenuity and persistence.
- Most of the time you can set the hook in a fish's jaw with a firm upward sweep of the rod. One or two sharp jabs usually does the trick, but don't overdo it, because you may actually start to wear a hole in the fish's jaw. And remember, sharp fishermen use sharp hooks.
- Always try to keep tension on the line when you have a fish on. A slack line will allow the fish another opportunity to throw the hook.
- When playing a fish, let the rod work for you. If the fish is taking line from the drag, keep your rod in an upward position. When bringing a fish in, "pump" the rod from a nearly vertical position down to a nearly horizontal position and back up again, cranking in the slack line only when you lower the rod.
- It is best not to adjust the drag on a big, running fish. Of course, if you suspect that your drag is too tight, causing too much strain on your tackle, loosen the drag knob by all means. But if you feel the drag is too loose, it is better to apply manual tension rather than to tighten the drag knob and risk breaking your line.