



## OWNER'S MANUAL



*Power to land the big ones!*

### FITS PENN REELS

P-340 Gti	4/0	P-345 Gti	5/0
P-113	4/0	P-113H	4/0
P-114	6/0	P-114H	6/0
P-115L	9/0		

Diawa 400H 4/0    Diawa 450H 5/0

## CONGRATULATIONS!

Thank you for purchasing your ***PRECISION AUTO REEL***- the ultimate electric fishing reel attachment. Advance design technology combined with years of research and development has brought you this heavy duty, light weight electric reel drive. Our unique design lets you mount this one unit on seven different reels just by changing the mounting kit! There is simply no compromise in the quality construction of this automatic reel. The long lasting reel drive is esthetically pleasing, ergonomically correct, and sealed in a durable, ultraviolet ray inhibiting covering. Designed by fishermen and perfected by more fishermen, the ***Precision Auto Reel*** features a balanced hand grip and push button location. (Also available in toggle switch, remote switch, or no switch). The non-obtrusive wiring system can be connected to a portable or boat 12 volt DC battery. (24 or 32 volt DC is also available).

No more stories about the how the BIG one that got away. The trophy fish is now as good as on the wall with the aid of the speed and torque of your ***PRECISION AUTO REEL***.

To fully enjoy the features of your reel, please take a few minutes to read this Owner's Manual and find a place to keep it handy for reference. Please review the product warranty and for your records, please record:

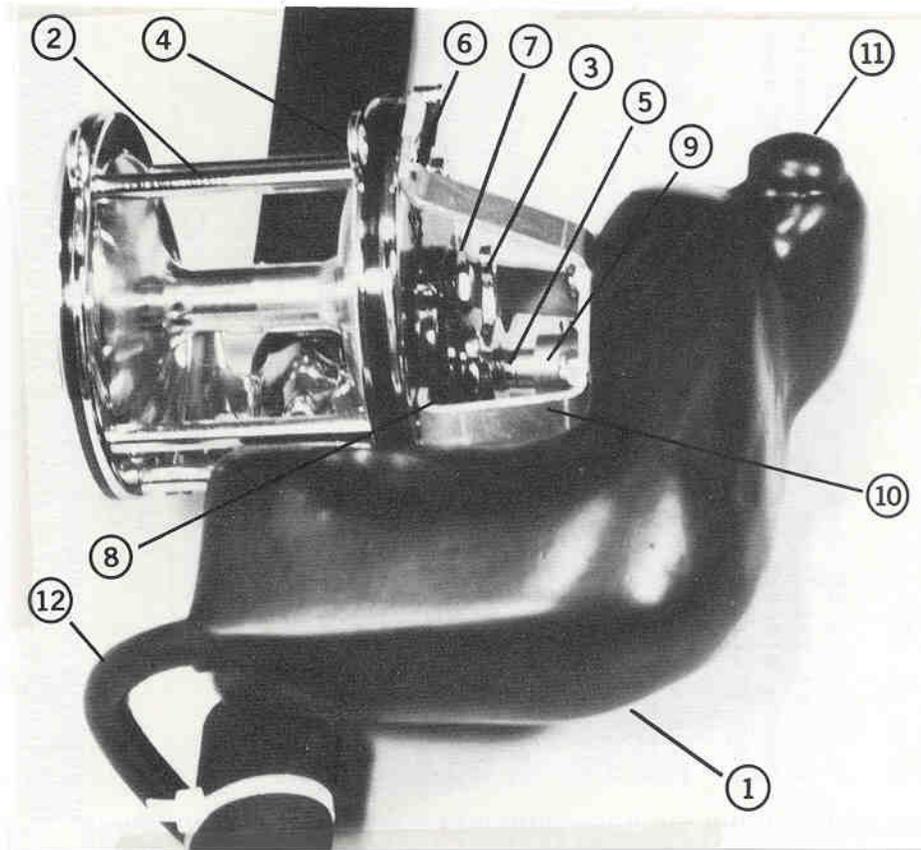
Date ***Precision Auto Reel*** purchased:\_\_\_\_\_

Model # (reel size):\_\_\_\_\_ fast or HT

Serial #\_\_\_\_\_

## ***GOOD FISHING!!***

## FEATURES AND PARTS DIAGRAM



- |   |                      |
|---|----------------------|
| 1. <b><i>Precision Auto Reel</i></b> gear drive | 2. Penn Reel         |
| 3. Star Drag                                    | 4. Harness eye       |
| 5. Stainless crank adapter                      | 6. Penn Screw #1     |
| 7. Penn Screw #3                                | 8. Penn Screw #8     |
| 9. Stainless output shaft                       | 10. Mounting bracket |
| 11. Push button switch                          | 12. Power cord       |

## MOUNTING INSTRUCTIONS

1. **NOTE:** On Penn 340/345 gti, 113H 4/0, and 114H 6/0, star drag must be cut down ¼” or replace with smaller star drag for proper operation.
2. Remove reel handle nut, handle, and washer, and tighten star drag on Penn Reel. Replace with stainless steel crank adapter from mounting kit.
3. On Penn 113H, 114, and 115L reels, beginning with reel screw #1 under harness eye of reel, clockwise remove screw #1, #4, and #8. On Penn 114 6/0 **graphite** frame, remove screw #1, #3, and #5. You may not be able to use all holes in bracket for the 114H. On Penn 340/345 gti, remove screw #1, 2, and 3. On Penn 114H’s, remove reel screw #2, 3, & 8.
4. On Penn 113, 113H, 114, and 115L reels, the center leg bracket goes in the #1 hole. On Penn 340/345 gti, the leg with one hole is in the #1 position. Secure bracket on reel with screws enclosed (some models) or with screws removed for Step 3.
5. Make sure crank adapter is in center of hole in bracket. If not, center adapter by inserting screwdriver in hole and adjust bracket. Put a small amount of grease/lube on crank adapter head (size of a pea) and in reel sleeve.
6. Align crank adapter and pin with output shaft of motor and slide in slot. Insert 4- ¼” X 20 X 1/2” hex head fastener and lock washer through bracket to **Precision Auto Reel** and tighten. Do **NOT** over tighten!
7. Loop cord and insert cord into hole between reel, motor, and reel seat of rod and secure with tie wrap.
8. For best all around use, reel spool should be filled with no more than 2/3 full of line.
9. Hook cord up to power source and watch the fish come over the side!

## IMPORTANT SAFEGUARDS

When using your **PRECISION AUTO REEL**, basic care and precautions should always be observed including the following:

\*\*Please read all instructions.

\*\*Use your **Precision Auto Reel** for its intended use.

\*\*Keep fingers, loose jewelry, clothing, etc. away from star drag (located inside of mounting bracket) while in operation.

\*\*Operation of **Precision Auto Reel** electric reel drive unit on any voltage other than labeled will be at owner’s risk and voids all warranty.

\*\*Do not use if bare wire is showing in cord or power unit as electrical shock may occur.

## SPECIAL INSTRUCTIONS

\*\*Use the Penn Reel drag system with spool engaged for fighting fish. This allows anglers use their skills to play and fight fish.

\*\*Black wire in cord from *Precision Auto Reel* should be hooked to Positive (+) side of battery, white wire to negative (-) side of battery.

\*\*The motor in your *Precision Auto Reel* gear drive is a permanent magnet motor. Incorrect wiring will cause it to run backwards and may cause damage to reel and/or gear drive unit and is NOT covered by the warranty.

\*\*Your *Precision Auto Reel* comes to you without a plug in order that you may outfit it according to your specific marine requirement (unless ordered from factory with a specific plug, alligator clips, or ring terminals.)

\*\**Precision Auto Reels* are designed to assist in landing game or bottom fish in water up to 350 feet deep and no more than five pounds of lead for sinker.

NOTE: The *Precision Auto Reel* is not designed to be used as a winch.

\*\*Under a stall load, your *Precision Auto Reel* drive unit will draw 30+ amps. We recommend a 30 amp breaker or fuse be installed between unit and battery. (12 volt units)

**Amperage Draw Chart	Amps
12 volt HT: no load	4-7
normal fishing	10-25
maximum/stall load	70
12 volt fast: no load	5-7
normal fishing	10-25
maximum/stall load	70

## CARING FOR YOUR *PRECISION AUTO REEL*

### *Precision Auto Reel*

1. Wipe off salt spray and residue with warm, soapy water. Rinse and dry.
2. Spray exposed metal parts lightly with a good lubricant. DO NOT USE A LUBRICANT CONTAINING SILICONE!
3. Wipe outside rubber sealant of your *Precision Auto Reel* with a rubber protectant like Armor All, etc.
4. Store inside and away from heat and sun when not in use.

### *Penn Reel*

For care of your Penn Reel, please refer to your Penn Owner's Manual.

IMPORTANT: Do NOT use abrasives or harsh cleansers when cleaning!

## LIMITED WARRANTY

Fish-Ng Accessories, Inc. warrants this *Precision Auto Reel* against any mechanical defects in material and workmanship for a one year period after the original date of purchase. Electrical components consisting of motor, switch, and drop cord are guaranteed for a period of ninety (90) days from date of purchase. Repairs or parts replacement required as a result of such defects will be made free of charge during this period. In all other cases, the *Precision Auto Reel* unit will be repaired and returned to the customer upon payment of a reasonable service charge plus cost of any parts.

This warranty does not include damage to the product resulting from accident, misuse, abuse, negligence, alterations to it or use on current voltage other than labeled.

This warranty does not obligate Fish-Ng Accessories, Inc. to replace or refinish the complete unit and is in lieu of any other warranty either expressed or implied.

If service is required, unit may be returned, postage prepaid, with a complete description of the claimed defect to the address below. For any unit being returned for repair or replacement under warranty, please include a copy of your sales receipt showing date of purchase. NO warranty work will be performed without your receipt. Please include your name, address, and phone number (street and P.O. Box) for return delivery. When possible, we ship United Parcel Service (UPS).

### ***Manufactured by:***

**Fish-Ng Accessories, Inc.**  
3807 Sterling Trace Drive  
Winterville, NC 28590 USA  
(252) 353-8777  
fax (252) 353-8902  
email [fishing@fish-ng.com](mailto:fishing@fish-ng.com)