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Lew's PSP1XHL

Lew's Team Lew's Pro SP Baitcast Fishing Reel

Model: PSP1XHL - Left-Hand Retrieve

Introduction

The Lew's Team Lew's Pro SP Baitcast Fishing Reel is engineered for precision and performance, specifically designed for skipping and pitching techniques. Featuring a robust aluminum frame, advanced bearing system, and precise casting controls, this reel delivers smooth operation and reliable performance for serious anglers. This manual provides essential information for setting up, operating, maintaining, and troubleshooting your new fishing reel to ensure its longevity and optimal function.



Figure 1: Lew's Team Lew's Pro SP Baitcast Fishing Reel, showcasing its sleek design and ergonomic features.

Key Features

The Team Lew's Pro SP Baitcast Reel incorporates several advanced features for superior angling experience:

- **Quality Engineering:** One-piece aluminum frame and a drilled and forged Duralumin 32mm shallow spool with Knot Slot, ideal for skipping and pitching.
- **Smooth Reeling:** Hard anodized aluminum alloy Speed Gears, P2 SuperPinion, a 9-bearing system (8+1) with a Zero Reverse one-way clutch bearing, and a zirconia line guide for exceptionally smooth operation.
- **Accurate Casting:** QuietCast externally adjustable centrifugal brake system (ACB) provides precise casting control, especially with its dedicated Skipping Zone. The reel recovers 33-inches of line per turn with its 8.3:1 gear ratio.
- **User-Friendly Design:** Features a 95mm bowed anodized aluminum handle with EVA Pro knobs, an external lube port, a patented retractable Speed Keeper hook keeper, and Lew's exclusive Speed Lube system for easy maintenance.
- **High-Value Performance:** Carbon fiber drag system provides 20-pounds of max drag, suitable for handling large fish.



Figure 2: Key components of the reel. 1: 9-bearing system with stainless steel double shielded ball bearings. 2: Zero Reverse® one-way clutch bearing. 3: Left-hand retrieve handle.



Figure 3: Additional features. 4: 95mm bowed aluminum handle with EVA Pro knobs. 5: Anodized aluminum 32mm shallow spool with Knot Slot. 6: One-piece aluminum frame with graphite sideplates.



Figure 4: Control and performance elements. 7: 6-pin QuietCast® externally adjustable centrifugal brake (ACB) system with Skipping Zone. 8: Hard anodized aluminum alloy Speed Gears®. 9: 20 lb. Carbon fiber drag system. 10: Patented retractable Speed Keeper® hook keeper.

Setup

1. Spooling the Line

The Team Lew's Pro SP reel features a 32mm shallow spool, optimized for lighter lines and specific techniques. It has a capacity of 40 yards of 20-pound-test monofilament or 50 yards of 50-pound-test braid.

1. Attach the reel to a rod for easier handling during spooling.
2. Feed the line through the line guide and tie it to the spool using an arbor knot or similar secure knot. The Knot Slot on the spool helps secure the line.
3. Ensure the line is spooled evenly and tightly, but not excessively tight to avoid line memory issues.

2. Mounting the Reel

Securely attach the reel to your fishing rod's reel seat. Ensure the reel foot is fully seated and the locking nut is tightened to

prevent any movement during casting or retrieving.

3. Initial Brake System Adjustment

The QuietCast externally adjustable centrifugal brake system (ACB) is crucial for controlling backlash. For initial setup, especially for new users or when changing lure weights:

- Locate the external brake dial on the side of the reel (refer to Figure 4, item 7).
- Start with a higher brake setting (e.g., 7-8) to minimize backlash. As you gain experience, you can gradually reduce the setting for longer casts.
- The "Skipping Zone" on the dial is designed for specific skipping techniques, offering optimal control for this specialized cast.



Figure 5: The reel mounted on a fishing rod, highlighting the accessible external brake adjustment dial.

Operating Instructions

1. Casting Techniques (Skipping & Pitching)

This reel excels in skipping and pitching. Practice is key to mastering these techniques.

- **Skipping:** Use a low, sidearm cast to make your lure skip across the water surface, reaching under docks or overhanging cover. Adjust the ACB to the "Skipping Zone" for optimal control.
- **Pitching:** A short, accurate cast where the lure is swung forward and released with minimal rod movement, ideal for precise presentations to close targets.
- Always keep your thumb on the spool during the cast to feather the line and prevent backlash, especially as the lure slows down.

2. Drag Adjustment

The carbon fiber drag system provides up to 20 pounds of max drag. Adjust the star drag (located next to the handle) to match the breaking strength of your line and the size of the fish you are targeting.

- Tighten the star drag by rotating it clockwise to increase drag pressure.
- Loosen the star drag by rotating it counter-clockwise to decrease drag pressure.
- A good starting point is to set the drag to about 25-30% of your line's breaking strength.

3. Retrieve

This model features an 8.3:1 gear ratio, recovering 33 inches of line per turn, making it a fast retrieve reel suitable for quickly working lures or retrieving line after a cast.

- Engage the reel by turning the handle after a cast.
- Maintain a steady retrieve speed appropriate for your lure and fishing conditions.

Maintenance

Regular maintenance will extend the life and performance of your Lew's reel.

1. Cleaning

- After each use, especially in saltwater environments, lightly rinse the exterior of the reel with fresh water. **Do not submerge the reel.**
- Wipe down the reel with a soft, clean cloth to remove dirt, salt, and grime.
- Use a cotton swab to clean hard-to-reach areas and the line guide.

2. Lubrication

The reel features an external lube port and Lew's exclusive Speed Lube system for easy lubrication.

- Apply a small drop of high-quality reel oil to the external lube port periodically (e.g., every 5-10 fishing trips, or more often with heavy use).
- Apply a small amount of reel grease to the main gear and pinion gear if you perform a deeper cleaning.
- Do not over-lubricate, as this can attract dirt and hinder performance.

3. Storage

- Store your reel in a dry, cool place away from direct sunlight and extreme temperatures.
- Loosen the drag completely before storing to prevent compression of the drag washers.

Troubleshooting

Here are some common issues and their potential solutions:

Problem	Possible Cause	Solution
Excessive Backlash	Brake setting too low, spool tension too loose, improper thumb control.	Increase brake setting (ACB dial). Tighten spool tension knob slightly. Improve thumb feathering technique.
Stiff or Grinding Retrieve	Lack of lubrication, dirt/debris in gears, damaged components.	Apply lubricant via lube port. Clean reel thoroughly. If problem persists, professional service may be required.
Drag Slipping or Inconsistent	Drag washers are dry, dirty, or worn.	Clean drag washers. Apply a very thin layer of drag grease if necessary (ensure it's compatible with carbon fiber). Replace worn washers.
Line Not Laying Evenly	Line guide obstructed or damaged, line spooled incorrectly.	Clean line guide. Respool line carefully, ensuring even tension.

Specifications

Detailed specifications for the Lew's Team Lew's Pro SP Baitcast Fishing Reel (Model PSP1XHL):

Feature	Detail
Brand	Lew's
Model Name	PSP1XHL
Hand Orientation	Left Hand
Gear Ratio	8.3:1
Line Retrieve Per Turn	33 Inches
Bearing System	9 (8+1) Stainless Steel Ball Bearings
Maximum Drag	20 Pounds (Carbon Fiber Drag)
Mono Line Capacity	40 yards / 20 lb
Braid Line Capacity	50 yards / 50 lb
Item Weight	6 Ounces
Frame Material	One-piece Aluminum
Spool Material	Duralumin (32mm shallow)
Brake System	QuietCast Externally Adjustable Centrifugal Brake (ACB)



	BEARINGS	GEAR RATIO	RPT	MONO CAP.	BRAID CAP.	WEIGHT	MAX DRAG	RETRIEVE
PSP1XH	8+1	8.3:1	33"	40/20	40/50	6 oz	20 lbs	Right
PSP1XHL	8+1	8.3:1	33"	40/20	40/50	6 oz	20 lbs	Left
PSP1SH	8+1	7.5:1	30"	40/20	40/50	6 oz	20 lbs	Right
PSP1SHL	8+1	7.5:1	30"	40/20	40/50	6 oz	20 lbs	Left

Braid & Mono line capacity = yds/lbs

Figure 6: Overview of specifications for various Lew's Pro SP models, including the PSP1XHL.

Warranty and Support

For detailed warranty information, please refer to the official Lew's website or the warranty card included with your product. If you require technical support, parts, or service, please contact Lew's customer service directly. Keep your purchase receipt as proof of purchase for any warranty claims.

- **Lew's Official Website:** www.lews.com
- **Customer Service:** Refer to the website for contact details (phone, email, or support portal).

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