

- |   |                  |    |                     |    |                     |    |                          |    |                        |
|---|------------------|----|---------------------|----|---------------------|----|--------------------------|----|------------------------|
| 1 | Frame            | 10 | Handle              | 19 | Lock ring           | 28 | O-ring 2                 | 37 | Drag Knob Clicker Ball |
| 2 | Frame Cap        | 11 | Handle screw bottom | 20 | Spool washer        | 29 | Preload springs          | 38 | Helicoil               |
| 3 | Shaft            | 12 | Lower thrust plate  | 21 | Spool knob          | 30 | O-ring 3                 | 39 | Helicoil               |
| 4 | Spool            | 13 | Brass bushing       | 22 | Drag knob           | 31 | O-ring 4                 | 40 | Clutch bearing         |
| 5 | Drag knob washer | 14 | Upper thrust plate  | 23 | Counterweight screw | 32 | Foot screw               | 41 | Clutch bearing sleeve  |
| 6 | Counter weight   | 15 | Drag disk support   | 24 | Foot                | 33 | Drag knob screw          | 42 | Main bearing           |
| 7 | Handle shaft     | 16 | Drag friction disk  | 25 | Helicoil            | 34 | Drag knob overtravel pin | 43 | Main bearing retainer  |
| 8 | Handle screw top | 17 | Drag disk support 2 | 26 | Delrin spacer       | 35 | Drag knob pin            | 44 | Thrust plate ball      |
| 9 | Handle washer    | 18 | Drag stack retainer | 27 | O-ring 1            |    |                          |    |                        |

**GUARANTEE**

Your Mirage LT Reel is unconditionally guaranteed against defects in materials and workmanship. Damaged reels can be repaired on an individual basis for a reasonable fee, and we do offer a reel cleaning and reconditioning service.

**QUESTIONS?**

If you have any questions about the operation and maintenance of your new reel, Orvis Technical Advisors are always available.

**US:**     **E-MAIL:** info@orvis.com     **PHONE:** 1-800-778-4778  
 The Orvis Company, Manchester, VT 05254 • orvis.com/reelrepair

**UK:**     **E-MAIL:** info@orvis.co.uk     **PHONE:** 0333 400 4188  
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**MIRAGE<sup>LT</sup>**



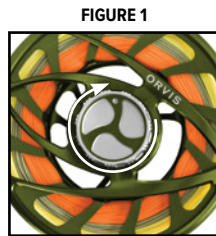
## INTRODUCTION

Own the fight with the most advanced drag system ever designed. Adjustment from zero to dead stop in a single drag-knob rotation. Renders any previous perception of “smooth drag” to obsolescence. Completely sealed and maintenance free. Orvis innovation. American made.

- A completely sealed and maintenance-free drag impervious to salt water, dirt, grit, and other corrosive elements
- An indexed drag knob with positive clicks for accurate and repeatable drag settings
- Large-arbor performance that picks up line fast to give you the edge over fresh and saltwater species
- Crafted from strong yet lightweight 6061 T6 aluminum to give the optimal combination of weight and strength
- Type II hardcoat anodization for superior wear and corrosion resistance

## DRAG OPERATION

The Mirage LT Reels feature a dependable center line drag system. To adjust the drag, turn the drag knob (PART #22) clockwise to increase resistance, and counterclockwise to decrease it (FIGURE 1). The minimum drag setting should never be less than the pressure required to prevent over-running of the line on fast runs. Due to the unique drag mechanism, the maximum drag setting can be achieved in less than one rotation of the drag knob. This allows for quicker and more repeatable drag adjustment in the heat of the battle.



## SPOOL REMOVAL

The spool lock knob (PART #21) is located in the middle of the spool. To remove, grip the knurling on the knob and aggressively turn counterclockwise until the spool disengages from the frame (FIGURE 2).

**NOTE:** the spool release knob is not to be removed from the spool and should be kept on the spool when spooling backing and fly line, or when removing the spool.

## RIGHT-HAND CONVERSION

All Mirage LT Reels have the drag factory installed for left-hand wind. Since the reel is fully sealed, the frame cap must be removed to access the one-way bearing.

**STEP 1:** Remove the spool from the frame as described above.

**STEP 2:** Back the drag knob completely off by turning it counterclockwise until it stops.

**STEP 3:** Align the tool provided on the flats machined into the frame cap (PART #2) (FIGURE 3).

**STEP 4:** While holding the frame firmly, rotate the tool counterclockwise to break the seal and unthread the frame cap and shaft assembly from the frame (PART #1) (FIGURE 4).

**STEP 5:** Remove the shaft assembly. The clutch bearing (PART #40) will either come out with the shaft assembly, or stay nested in the drag case. If it stays nested in the drag case, just turn the frame over and tap it on a hard surface and the bearing will fall out.

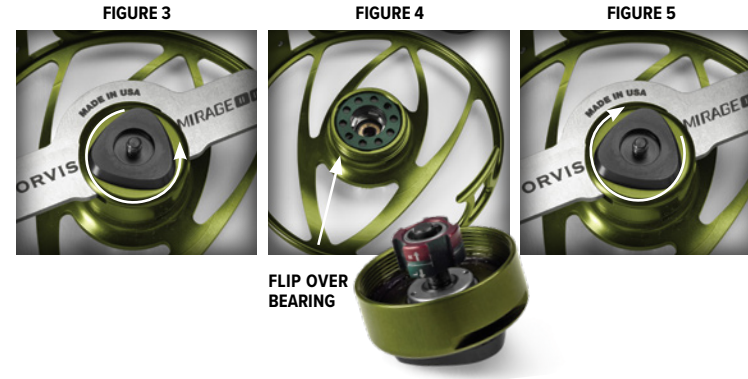
**STEP 6:** The retrieve direction is labeled on the clutch bearing. Place the clutch bearing back in to the drag case with the desired retrieve direction facing upward (FIGURE 4).

**TIP:** GREEN=left-hand retrieve

FIGURE 2



**STEP 7:** Insert the shaft assembly in the drag case and re-tighten the frame cap to the frame with the tool (FIGURE 5).



## ROUTINE MAINTENANCE

Your new Mirage LT Reel has been properly lubricated prior to shipping. The drag system is completely sealed and impervious to corrosive elements. It requires no additional maintenance. After the reel has been used in salt water, or if it experiences excessive contact with dirt or sand, the spool should be removed from the frame and both parts should be rinsed with fresh water.

**NOTE:** When not in use, the drag should be loosened completely.

## MIRAGE LT REEL CAPACITY CHART

LINE WEIGHT	I	II	III	IV
WF1	100 yds.*			
WF2	75 yds.*			
WF3	50 yds.*	150 yds.*		
WF4		125 yds.*		
WF5		100 yds.*	175 yds.*	
WF6			150 yds.*	
WF7			125 yds.*	225 yds.*
WF8				200 yds.*
WF9				175 yds.*

## MIRAGE LT REEL DIAMETER SPECIFICATIONS

**I Reel** | weight: 4.1 oz. | 3.1"

**III Reel** | weight: 4.5 oz. | 3.7"

**II Reel** | weight: 4.3 oz. | 3.4"

**IV Reel** | weight: 5 oz. | 4"

## Capacity in Yards

\*20-lb. Dacron® backing