

Danielsson

Flyreels



Manual english



Important! Read this manual before using the reel.

***F₃W*, *L₅W* and *H₅D* series**

Spool Change System

This fly fishing reels are equipped with a spool change system wherein the spool is the only loose part.

To remove the spool from the reel:

- A. Turn the cover cap, counterclockwise, approximately two revolutions -- NOTE: It is not necessary to completely remove the cover cap.
- B. Lift the spool retention spider, outwards and rotate it slightly in either direction to disengage it from the spool's three inner retention flanges.
- C. Ensuring that the spool retention spider is situated clear of the spool retention flanges, simply lift the spool from the reel frame.

To assemble the spool to the reel:

- A. Ensure that the spool retention spider is not situated upon the spool wheel arms.
- B. Place the spool in the reel frame and slide it downward -- NOTE: Check to ensure that no line or leader material has been caught either between the spool and the frame or between the edge of the spool and the outer edge of the frame.
- C. Align the three retention flanges on the spool with the spool wheel arms and ensure that they are properly located in the three slots on the spool wheel arms.
- D. Align the spool retention spider with the arms on the spool wheel.
- E. Tighten the cover cap gently so the spool retention spider holds the spool firmly in place.

Service

- A. This reel is designed to be maintenance free. However, after a few years of use, check so there is still a small amount of grease on the O-rings inside the cover cap, inside the center axle and on the drag knob. There should also be some grease on the shaft seal on the spool wheel. - - NOTE! There should not be any grease inside the spool wheel.

Conversion Left / Right hand

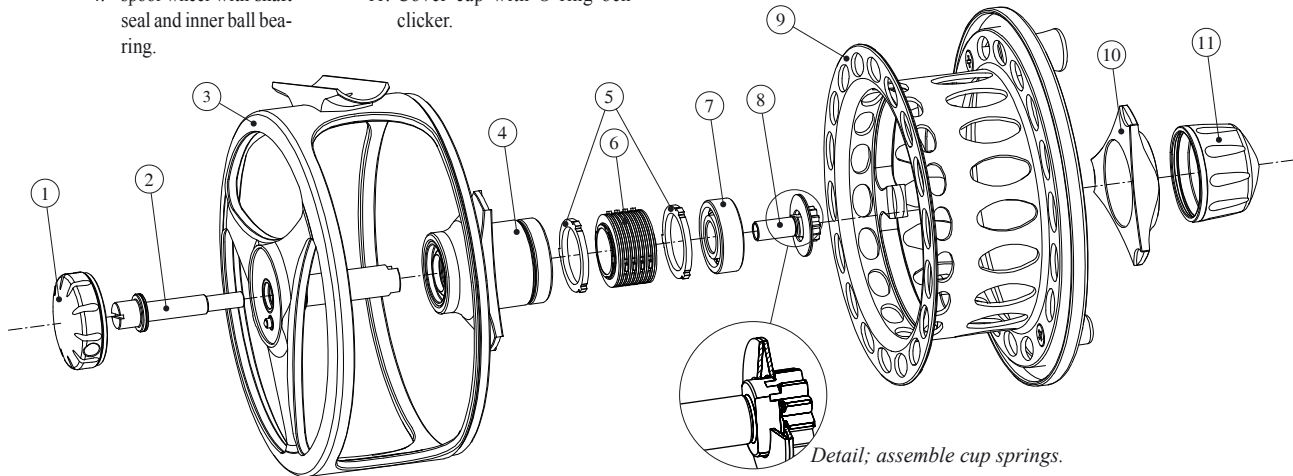
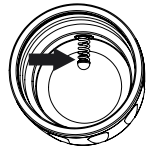
- A. Dismount the spool and remove the cover cap completely.
 - B. Use the Allen wrench provided with the reel, slacken the two locking screws outside the drag knob and remove it.
 - C. Unscrew the center screw and take apart the click sleeve and cup springs.
 - D. Position the reel so that the spool wheel is facing up and grasp the spool wheel and pull it outwards while simultaneously turning it in the retrieving direction.
 - E. Remove the inner parts from the spool wheel.
 - F. Turn around the brake package.
 - G. Assemble the parts inside the spool wheel and mount it on the center shaft (inside the housing), while simultaneously turning it in the retrieving direction.
 - H. Place the cup springs "like this ()" on the click sleeve (see detail on the schematic drawing). Then mount the click sleeve into the hole in the center axle. Be certain to get the cup springs centered and the click sleeve properly engaged into the tracks in the center shaft.
 - I. Assemble the center screw until there is no slack on the cup springs.
 - J. Assemble the spool, spool retention spider and cover cap.
 - K. To adjust the initial drag setting, turn the center screw slightly to adjust the initial drag level. Remember; clockwise gives more brake force and counterclockwise gives less brake force.
- CAUTION!** Don't turn the center screw more than a quarter of a revolution counter clockwise or a half revolution clockwise (Too much counterclockwise can disengage the cup springs).
- L. When you are satisfied with the initial drag setting. Put the dragknob back on the center screw, and turn it carefully counterclockwise until it stops. (Note! Be sure that you don't turn the center screw at the same time, it changes your dragsetting).
 - M. Press down the dragknob slightly, and then tighten the locking screws.

F3W, L5W and H5D series

Part List

1. Drag knob with O-ring and locking screws.
2. Center screw with plastic washer.
3. Housine with center shaft, brake step clicker, reel seat with screws and O-ring.
4. spool wheel with shaft seal and inner ball bearing.
5. Steel plate, outer, thick model.
6. Brake package.
7. Outer ball bearing.
8. Click sleeve with cup springs.
9. Spool with; handle with shaft, washer and screw, counter weight with screw.
10. Spool retention spider.
11. Cover cap with O-ring och clicker.

To turn the clicker off:
Dismount the Cover cap, bend the clicker aside and then mount the Cover cap.



Detail; assemble cup springs.

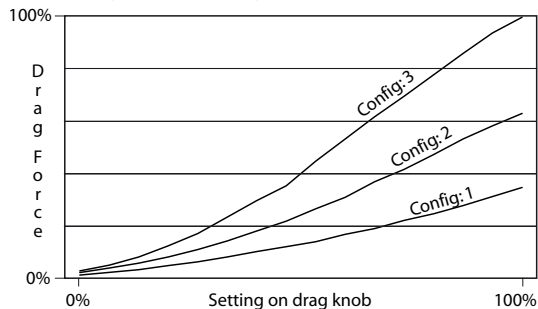
Variable drag system D-VTCS

These fly fishing reels are equipped with a variable drag system with possibilities to choose between different configurations of the brake package.

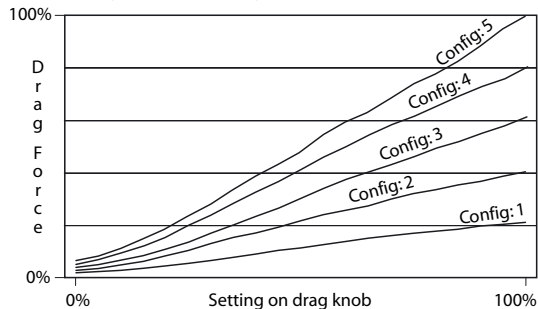
To change configuration:

- Dismount the reel in according to step A to E in the description for “*Conversion Left / Right hand*”.
- Dismount one locking ring on the brake package and remove all plates from the one way clutch.
- Assemble all the plates on the one way clutch in according to the configuration you want, and then assemble the locking ring that keeps the plates in place.
- Mount the thick steel plate that should be located in the spool wheel, inside of the brake package.
- Place the brake package on the center shaft to check the retrieving direction. If it's possible to turn the brake package clockwise but not counter clockwise, the reel are going to be right hand retrieved if you take the brake package from the center shaft and assemble it into the spool wheel without rotating it.
- When the brake package are in place into the spool wheel. Then mount the second thick steel plate and the outer ball bearing.
- Follow step H to M in the description for “*Conversion Left / Right hand*”.

Configuration diagram, F₃W



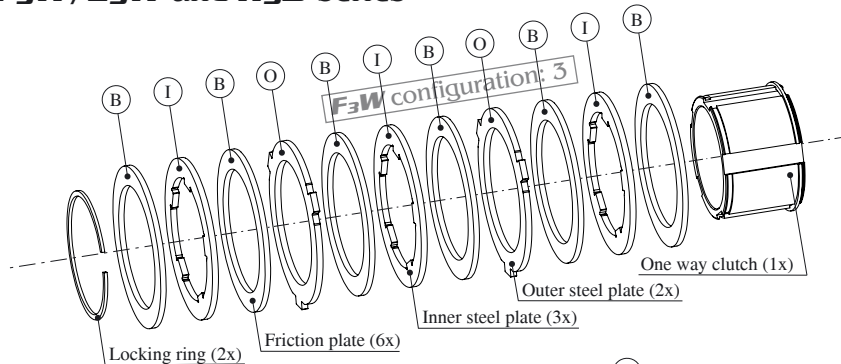
Configuration diagram, L₅W and H₅D



***F₃W*, *L₅W* and *H₅D* series**

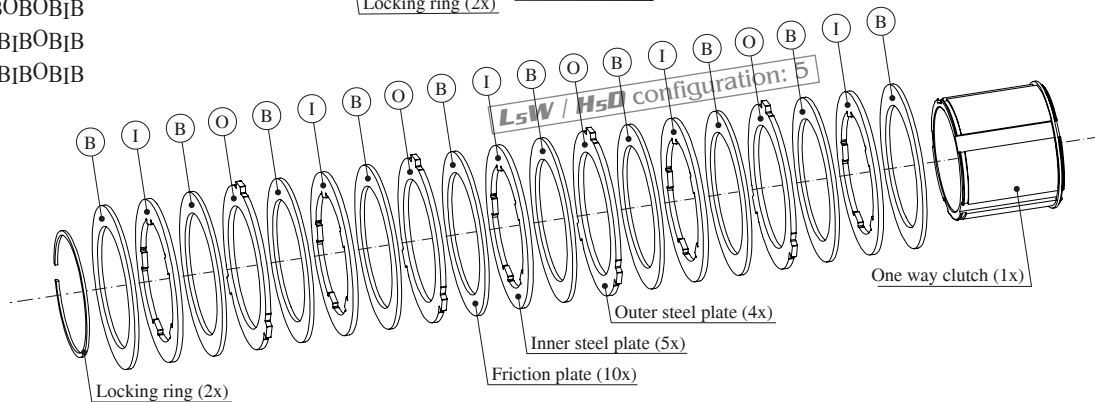
Configuration list, *F₃W*

1. BOB|B|B|BOB
2. B|B|BOBOB|B
3. B|BOB|BOB|B



Configuration list, *L₅W* and *H₅D*

1. BOBOB|B|B|B|BOBOB
2. B|B|B|BOBOBOBOB|B|B
3. B|BOBOB|B|B|BOBOB|B
4. B|BOBOB|B|BOB|BOB|B
5. B|BOB|BOB|BOB|BOB|B



original series

Center adjustment.

By turning the center adjustment screw (9) the pressure against the spool will change making it rotate with greater or smaller resistance. Important - this is just a fine adjustment to avoid overruns. You set it with regard to leader size and type of fish you expect to catch. Should not be used as drag. If retrieving feels hard, you have set too much resistance and will miss the advantages that this reel features.

Spool change.

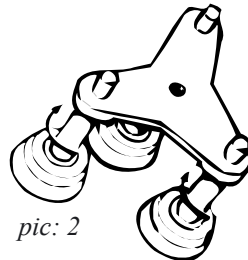
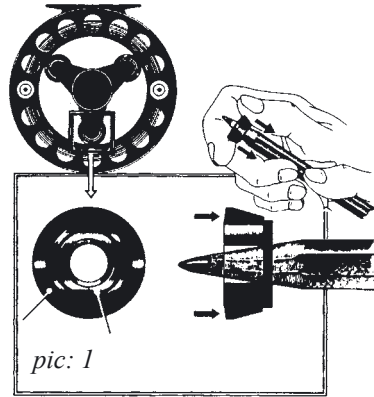
Completely unscrew the center adjustment package. On the bigger models you have to wobble it back and forth in order to unfasten it.

Right or left hand wind

Depends on how the line is wound on the spool.

Maintenance

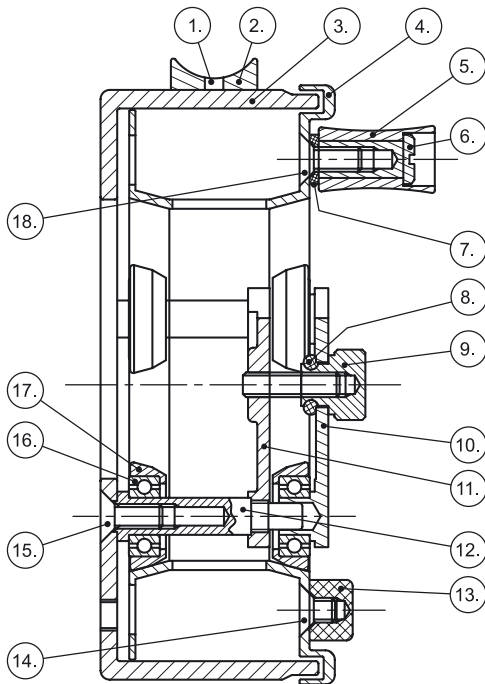
1. Loosen the center adjustment to avoid pressure when the reel is not being used.
2. Keep runways and runners clean.
3. Runners. If, for some reason, the runners need changing your agent can supply the parts. They are easy to take apart from the ball bearing. (See pic. 1)
4. Ball-bearings. Can also be exchanged.
5. Saltwater. All our fly reels are saltwater-resistant but should be rinsed in freshwater immediately after use in saltwater.
6. To reach the ball bearings under the triangle. Unscrew the axel screws (15) from the engraved side of the reel. Unscrew the axels from the triangle. (See pic. 2)



original series

Detail list

1. Screw
2. Reelfoot
3. Frame
4. Spool
5. Handle
6. Handle shaft
7. Handle washer
8. O-ring
9. Center adjustment screw
10. Outer triangle
11. Inner triangle
12. Shaft (3x)
13. Counterweight
14. Screw
15. Screw (3x)
16. Ball bearing (6x)
17. Runner (6x)
18. Screw



Control series

Spool Change System

This fly fishing reel is equipped with a spool change system wherein the spool is the only loose part.

To remove the spool from the reel:

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- B. Lift the spool retention spider, outwards from the spool's three inner retention flanges and rotate it slightly in either direction to disengage it.
- C. Ensuring that the spool retention spider is situated clear of the spool retention flanges, simply lift the spool from the reel frame.

To assemble the spool to the reel:

- A. Ensure that the spool retention spider is not situated upon the spool wheel arms.
- B. Place the spool in the reel frame, slide it downward and align the three retention flanges on the spool with the three arms on the spool wheel. — NOTE: Check to ensure that no line or leader material has been caught either between the spool and the frame or between the edge of the spool and the outer edge of the frame.
- C. Ensure that the three retention flanges on the spool is properly located in the three slots on the spool wheel arms.
- D. Align the spool retention spider with the arms on the spool wheel.
- E. Tighten the cover cap gently so the spool retention spider holds the spool firmly in place.

Service

This reel is designed to be maintenance free. However after a few years of use, check so there is still a small amount of grease on the o-ring inside the cover cap and on the o-ring located on the brake knob. There should also be some grease on the sealant rings on the spool wheel and in the brake knob.

NOTE! There should not be any grease inside the spool wheel or on the parts who are located there.

To turn the clicker on / off

This reel is equipped with a clicker in drag direction. It can be turned off by bending the spring to the side.

Conversion Left / Right hand

- A. Dismount the spool and remove the cover cap completely.
- B. Screw the drag screw counter clockwise and remove it, observe how the cup spring are mounted. Dismount the crank assembly.
- C. Position the reel so that spool wheel is facing up and grasp the spool wheel and pull it outwards while simultaneously moving it slightly clock / anticlockwise.
- D. Remove the power converter and brake parts from the spool wheel. Note how they where mounted.
- E. Turn around the one way clutch.
- F. Assemble the parts inside the spool wheel and mount it on the center shaft (inside the housing). Check so that the power converter engages the one way clutch by turning it i both directions. Correctly mounted it should only be possible to turn it in one direction.
- G. Remount the drive shaft so that the polygon shaped end fits the corresponding hole in the power converter.
- H. Remount the drag screw with cup springs until the cup spring barely touches the power converter. The drag screw controls the amount of brake in minimum drag setting. Then re-assemble the spool and turn it to feel the amount of drag you want in minimum setting. Adjust the drag screw back and forth until you are satisfied.
- I. Mount the spool and spool spider. Then screw the cover cap in place and tighten slightly.

Control series

Part List

1. Cover cap with o-ring and clicker.
2. Spool retention spider.
3. Spool.
4. Drag screw.
5. Cup springs, 2ea.
6. Power converter.
7. Brake package
8. Outer steelplate.
9. Spool wheel with ball bearing and sealant.
10. Housing with reel foot and center axle.
11. Drag knob with lockscrews, o-ring and shaft seal. Adjusting sleeve with ball bearing.
12. Crank assembly with drive shaft.

