SERVICE INSTRUCTIONS

RELEASE LINE PRESSURE, DISCONNECT FLUID SUPPLY AND RELEASE SPRING TENSION BEFORE ATTEMPTING ANY MAINTENANCE OF THE REEL.

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SPRING TENSION ADJUSTMENT

Releasing Spring Tension

1. Disconnect inlet hose. (Hose must be rewound into Reel)

2. Remove screws from locking plate.

3. Remove any three screws from tension plate.

4. Hold tension with hand while unscrewing the last screw.

5. Let both plates spin in hand (2-3 turns) to release tension.

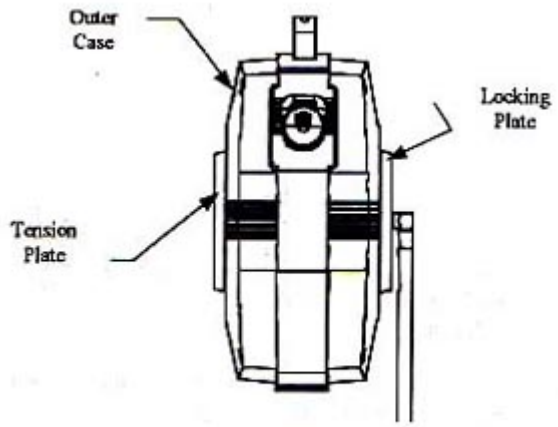


Figure 1

Retensioning the Spring

1. Fully retract the hose.
2. Turn tension plate in the rewind direction of the hose (anti-clockwise) This should be accomplished with a maximum of 3 revolutions. (CAUTION: Do not exceed 3 revolutions or permanent damage could occur.)
3. The arrow on the tension plate must be vertical for proper engagement.
4. While holding the tension plate in place, replace screws into the tension plate.
5. Align the locking plate onto the assembly using the swivel as a guide and replace the screws.

IMPORTANT: Side plates are connected via a brass and nylon shaft. Do not attempt to turn one side without the other side turning simultaneously. Turning one side only will result in a broken nylon shaft or other possible damages.

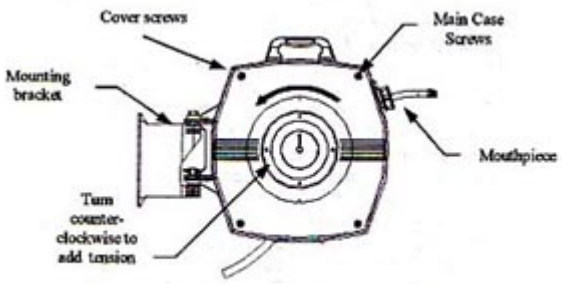


Figure 3

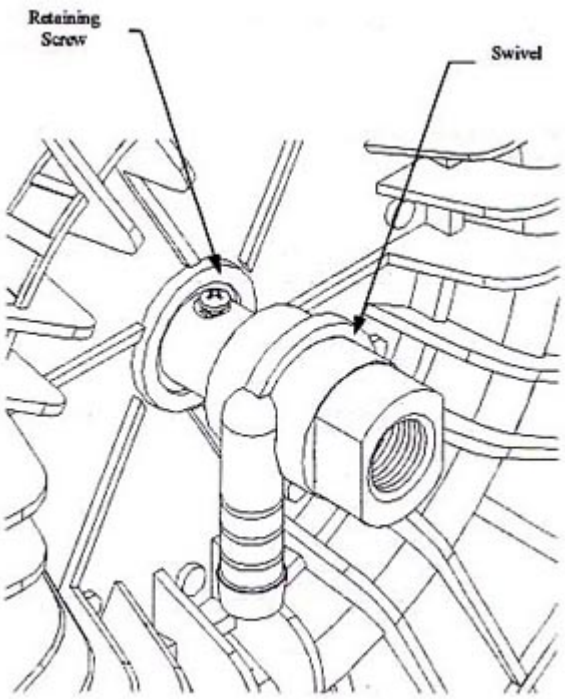
SPRING TENSION ADJUSTMENT

1. Release spring tension by following the instructions in "*Releasing Spring Tension*".

2. Remove the four screws on the locking plate and remove the plate.

3. Remove the four screws from the mounting bracket at the rear of the case. (Ref.: Fig 3.)

4. Remove the four main case screws



5. Lift the outer case off the reel (Ref.: Fig 1.)

6. Cut the hose clamp off swivel using a suitable tool (Eg: Side Cutters).

7. Remove hose from the swivel. The hose may need to be slit along the length of the swivel. Be carefull not to cut into the swivel.

8. Pull the old hose out and remove the stopper.

9.Remove the retaining screw in the swivel assembly and slide the assembly off the nylon axle. (Fig.: 2.)

10. Replace old Sub 100 Assembly with new one.

Refer to "Replacement of Hose" steps 9-19 to reassemble reel.