

# Descender Seat post Owners Manual



## **Warning!**

**\*Seat post has strong compression spring. When it is in the compressed position, pulling the pin will cause post to expand rapidly into the “raised position.”**

**\* Make sure to use the enclosed rubber boot to keep mud and water out. When storing for extended periods, keep in the up position.**

## **Mounting instructions**

1. Remove existing post from the bike. Clean and check for deformations and burrs.
2. If your bike does not use a 27.2 size seat post. Insert proper shim.
3. Insert Descenderpost into bike. The post can be positioned with unit facing forward or backward.
4. Install seat on the post and tighten slightly
5. Position the seat height to desired height and tighten seat-clamp. Make sure you have inserted the post at least 3.0 inches into the seat tube on your bicycle so as not to damage post or bicycle frame.

## **Operating your seat post**

**Warning-**Do not attempt aggressive riding until you are totally familiar with the operation and function of the seat post. **Note:** You will become familiar with this simple procedure quickly with practice.

**Warning:** Descenderpost requires you to remove your hand from the handlebars if you attempt to operate while riding. This should be performed by riders only in situations where it is safe to remove your hand. (Similar to removing hand for reaching for water-bottle)

**To lower seat post-** Pull knob and hold while pushing or sitting down on the seat, release knob when seat begins to lower. Seat is now locked in down position.

**To Raise seat post-** If sitting on seat, pull knob, and standup. As seat rises, release knob. If standing, Pull knob and seat will **rapidly** rise into upward position. **Warning:** Make sure you are positioned far enough above the seat so as not to be contacted by the rising seat. Seat will now be locked in up position.

## **Cleaning and Maintenance**

Periodic cleaning and lubrication is recommended.

1. With post in the up position, lift lower portion of boot and remove top cap (Item52)
2. Pull knob (and hold)(Item 170) , while you still have the knob pulled, gently pull out inner post
3. Thoroughly clean and re-lube. Use a light lithium grease
4. Position inner post in outer tube lightly, then pull knob (and hold) gently push the inside tube into position in the outer tube. Release knob and then tighten cap.

## **Complete Overhaul**

1. Remove seat post from bicycle
2. Remove bottom cap nut of seat post (**Warning: Seat post has a spring inside and is under pressure, keep face away and remove cap slowly**)
3. Clean dirt and replace any internal parts as needed. Kits are available from manufacturer.
4. Re-assemble and install on bike

## **Trouble Shooting**

Post Sticky when moved up and down

1. Make sure you didn't over tighten your seat clamp
2. See cleaning and maintenance
3. Increase pressure by adjusting bottom cap nut (Item 68) by removing post and turning clockwise

Pin will not engage

1. Remove bottom of Boot to reveal top cap. Make sure cap (Item 52) not too tight or too loose

For other questions, e-mail [Sales@gravityDropper.com](mailto:Sales@gravityDropper.com)

## **Replacement Parts/ Warranty**

Replacement parts are available from the factory or local bike shop.

Descenderpost has a 6 month limited warranty against component defects. Components that have been damaged or neglected by the purchaser are not covered under warranty. Prior authorization is required prior to returning for warranty replacement. Shipping and handling charges are not covered by the warranty.

Refer to assembly drawing for component description

**FIG - 8**

- 26- Top Seat Clamp
- 28- Seat Rod
- 30- Descender Outside tube
- 36- Top clamp bolts Size 10-32 x 1 3/4 long American
- 42- Shims
- 44-Grooves for shims
- 50- Half Moon
- 52- Top Cap
- 56- Seal
- 58- Ridge where boot sits
- 62- Bushing
- 68- Bottom Cap Nut
- 74-Plastic Bottom Cap
- 76- Large Main Spring
- 84- Descender Unit
- 106-Descender Pin
- 110- Descender Safety spacer o-ring
- 134- Cap Screws (size M3x.5x6mm)
- 136- Descender Inside tube
- 169- Descender front plate
- 170- Descender knob
- 174- Descender Spring
- 176- Top clamp nuts

