Air Pull shock trouble shoot manual

The air pull shock is a technically advanced shock. Working on it requires special skills. Only properly trained mechanics should work on this shock. Service should be performed once a year, or more frequently for extreme use.

Air Seal issues

Shock leaks air from new.

- Submerge the shock pressurized in water to find out where the leak is. Bubbles will appear where the air leak is located.
- If the leak is at the Schrader valve, check the valve for tightness or replace the Schrader valve.
- If the leak is at the air seal there are two possibilities.
- The seal was installed improperly which has damaged the seal and the seal needs to be replaced.
- There is too much grease between the seal and the body, which causes a little air loss. Pressurize the shock to 150 psi. to press the extra grease out and check the shock again for air leaks by submerging it in water.

Shock leaks air after being ridden for a certain period of time.

- Submerge the shock pressurized in water to find out where the leak is. Bubbles will appear where the air leak is located.
- If the leak is at the Schrader valve, check the valve for tightness or replace the Schrader valve.
- If the leak is at the air seal the air seal has worn due to riding and the seal needs to be replaced.

Shock does not lockout from new

- Check if the shock does not lockout at all, or if it releases the lockout when you try to compress the shock.
- If the shock does not lockout at all, check if the cable from the lockout actuator is attached properly, retighten and try lockout again.
- If the shock lockout releases when you try to compress it; the internal hydraulic pressure is too high. The hydraulics of the shock needs rebuilding to solve this.

Shock does not lockout after being ridden.

- Sometimes the shocks build up internal pressure causing to high lockout force. This will result in not being able to actuate the lockout. The hydraulics of the shock needs rebuilding to solve this.

Shock locks out, but when the lever is released the shock will not return active.

- A broken seal on the pressure piston causes this. The hydraulics of the shock need rebuilding to solve this.