

## **Radflo 2.5" Air Shock Service Instructions**

1. Clean and de-pressurise shock at the air valve and set in vise (using soft jaws or some other protection) with the shaft up.
2. Using the wrench supplied by Radflo, or some other wrench, loosen the seal cap until the O-ring is exposed.
3. Remove shaft / seal cap assembly, by rocking back and forth and pulling at the same time.
4. Set the shaft assembly aside on a clean rag.
5. Pour the old oil into a suitable waste oil container.
6. Clamp shaft in a vise, using the eyelet. Remove valving and seal cap. Make sure to keep the piston and valve plates in the order you take them off. Thread a zip tie through them if necessary.
7. With a scribe remove all seals from seal cap. Make sure you do not damage the seal faces. Clean all parts with a small brush ( a tooth brush works well).
8. Inspect the valve plates and main piston, look for cracks or any signs of fatigue.
9. Check the shaft to see that it is not bent or has any gouges. Replace the shaft if necessary.
10. Install new seals on all parts. Use a small amount of grease on seal cap seals and wiper.
11. Install the seal cap onto shaft. Take care not to damage any seals. Apply downward pressure and rotate the seal cap at the same time to seat the cap properly.
12. Assemble the valving, piston and lock nut. Torque nut to 50 ft./lb.
13. Clean body assembly and place in a vise open end up.
14. Fill the shock housing with the correct amount of oil for your shock travel.
15. Insert the shaft into the shock and tighten the seal cap with the supplied or some other wrench.
16. Remove the shock from the vise. Push the shock in to make sure it is stroking correctly.
17. Gas the shock on the vehicle as required.