



DIRT LOGIC REMOTE RESERVOIR REBUILD

1. Clean shock. Depressurize.
2. Remove allen screws in bump cap and slide up on shaft.
3. Push bearing assembly into body and remove retaining ring with pick.
4. Remove shaft assembly from shock body.
5. Dump oil
6. Depress reservoir end cap non hose side and remove exposed snap ring.
7. Remove hose side, same as non hose side and remove floating piston.
8. Clamp shaft assembly in vice with soft jaws by the rod end.
9. Remove piston nut and all valving keeping it in exact order.
10. Remove rod guide and bump cap.
11. Remove all seals with a pick making sure not to damage rod guide sealing areas.
12. Inspect and clean all parts. Check shaft for pits/damage. Replace if present. Check shims for fatigue and replace if necessary.
13. Install new seals with assembly lube.
14. Install bump cap and rod guide onto shaft making sure not to nick the seals when sliding on.
15. Install compression retainer, fulcrum washer, valving piston and nut. Torque nut to 30 lb-ft using red loctite.
16. Clean body assembly, place in soft jawed vise retaining ring side up.
17. Clean reservoir. Install resealed and lubed floating piston into reservoir flush with tank valve side of reservoir.
18. Fill reservoir with Dirt Logic 5 wt oil. Reconnect reservoir assembly to hose assembly with new o-rings. Install retaining ring.
19. Push the floating piston down 5" from the end pushing all air into the shock body.
20. Fill the body roughly 3" from end with oil.
21. Insert shaft assembly and move in and out slowly to remove air bubbles from the assembly.
22. Check the IFP location, it may have moved. Reset if needed.
23. Top off the shock with oil to about 1/2" from the top.
24. Slowly insert the rod guide assembly into the shock body. Oil and air bubbles will come out of the body until the o-ring gets to the body. Push rod guide assembly into body and install retaining ring and be sure that it is seated.
25. Clean excess oil out of body with compressed air.
26. Install bump cap and fasten screws with blue loctite.
27. Install new o-ring on reservoir end cap, lube and install into reservoir. Install retaining ring.
28. Compress the shaft all of the way into the shock. This should set the reservoir end cap into position.
29. Pressurize the reservoir to specified pressure. Install valve cap. All Dirt Logic shocks are charged to specific pressures depending on application. Call Fabtech for pressures.
30. Remove from vise. Compress shock to be sure it fully compresses and fully extends.