



# Barracuda® 44k psi (3000 bar) Shotgun Swivel (BC-H9-C, BC-H9LF-C)

## Disassembly:

1. Remove the O-Ring (BJ 417) from the inlet port of the Body. Pry out the high pressure seal Cartridge Assy (BC 705) as explained in the Maintenance Section.
2. Unscrew the Body (BC 403) from the Cap (BC 302); remove the Sleeve (BC 230).
3. If the Shaft Seal (MT 010) is damaged, remove it from the Body using snap ring pliers.

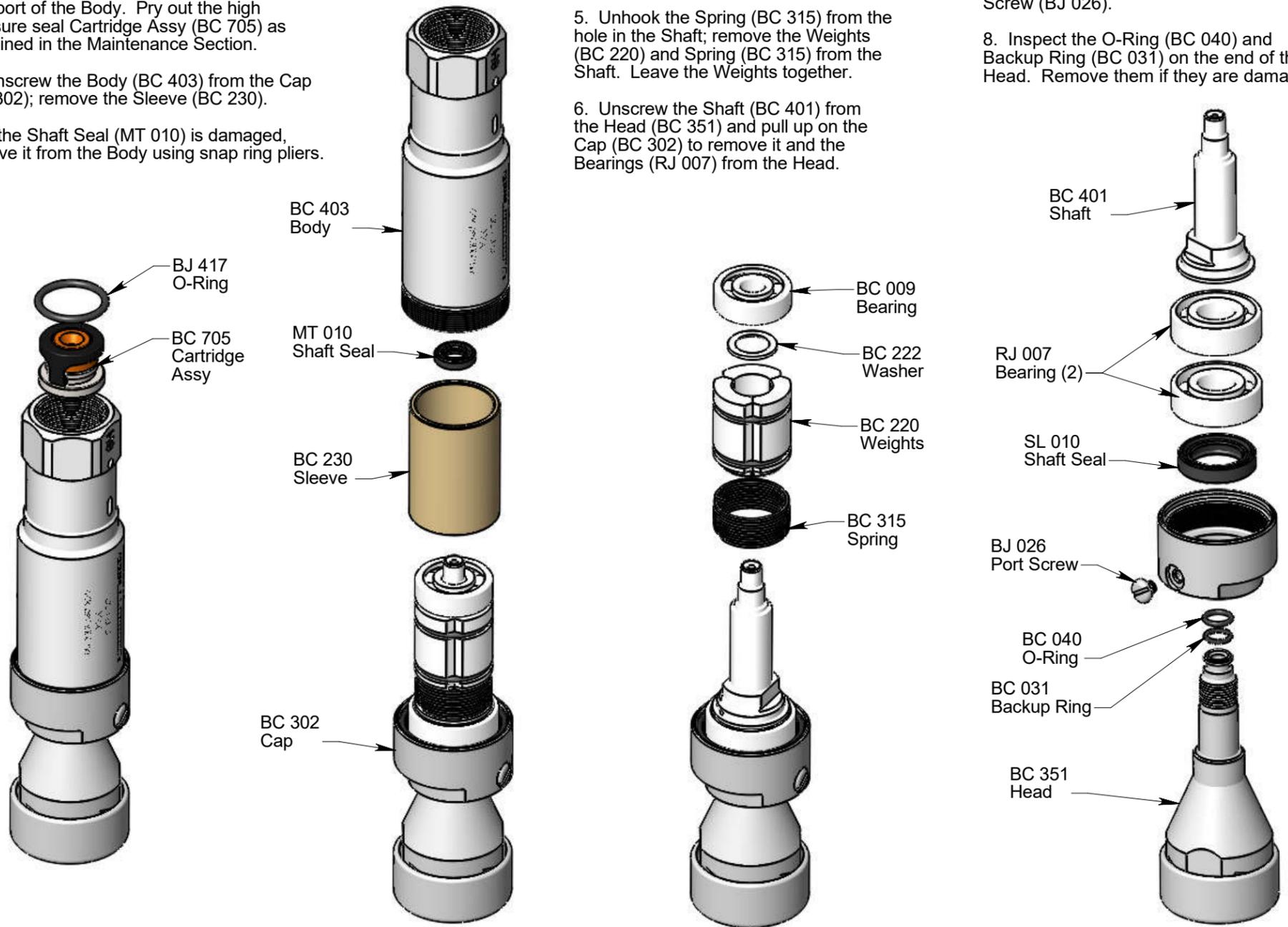
4. Pull the Bearing (BC 009) from the Shaft. Remove the Washer (BC 222).

5. Unhook the Spring (BC 315) from the hole in the Shaft; remove the Weights (BC 220) and Spring (BC 315) from the Shaft. Leave the Weights together.

6. Unscrew the Shaft (BC 401) from the Head (BC 351) and pull up on the Cap (BC 302) to remove it and the Bearings (RJ 007) from the Head.

7. If the Shaft Seal (SL 010) is damaged, remove it from the Cap. Remove the Port Screw (BJ 026).

8. Inspect the O-Ring (BC 040) and Backup Ring (BC 031) on the end of the Head. Remove them if they are damaged.



## Assembly:

1. Install Backup Ring (BC 031) and O-Ring (BC 040) on Head (BC 351). Note order they sit. Apply anti-seize to threads and grease to O-Rings.
2. Install Shaft Seal (SL 010) in Cap (BC 302). Apply Armour-All to lips of seal; slide Cap onto Head.
3. Install Bearings (RJ 007) on Head. These are angular contact bearings and need to be installed as shown.
4. Thread Shaft (BC 401) onto Head; tighten to 30 ft-lb.

5. Insert Spring (BC 315) end into hole in Weights (BC 220), then slide Weights and Spring onto Shaft; insert other spring end into hole in Shaft.

6. Place Washer (BC 222) on top of Weights, with chamfered face of washer facing toward Weights.

7. Slide Bearing (BC 009) onto Shaft. Slide Sleeve (BC 230) over the assembly.

8. Install O-Ring (BC 008) onto Body (BC 403).

9. Install Shaft Seal (MT 010) into Body.

10. Apply anti-seize to threads of Body; thread into Cap. Tighten to 45 ft-lb.

11. Install the high pressure seal Cartridge Assy as shown in the Maintenance Section.

12. Fill the tool with ATF as shown in the Maintenance Section. Install Port Screw (BJ 026).

