



OZZIE™ AND OZZIEMASTER™ MAINTENANCE INSTRUCTIONS



For assistance or further information, please contact the Technical Service Dept:
Akron Brass Company, P.O. Box 86, Wooster, Ohio 44691, 330-264-5678 or 800-228-1161 TOOLS REQUIRED



TOOLS REQUIRED

1. Small crescent wrench
2. 1/8 Allen wrench, 5/32 Allen wrench
3. Slotted screwdriver (medium size)

911 REPLACEMENT SEALS REQUIRED

- | | |
|----------------------------------|--------|
| 1. O-Ring (4) - Item Z | 757260 |
| 2. O-Ring (2) - Item AD | 757258 |
| 3. O-Ring (2) - Item AF | 757259 |
| 4. Ball Seal (1) - Item L | 769378 |
| 5. Valve Cap Gasket (2) - Item X | 714193 |
| 6. Swivel Gasket (if required) | 717043 |

922 REPLACEMENT SEALS REQUIRED

- | | |
|----------------------------------|--------|
| 1. O-Ring (4) - Item Z | 757260 |
| 2. O-Ring (2) - Item AD | 757258 |
| 3. O-Ring (2) - Item AF | 757362 |
| 4. Ball Seal (1) - Item L | 769378 |
| 5. Valve Cap Gasket (2) - Item X | 714193 |

**STYLE 9191/9292
FIELD SERVICE KIT
For:**

**STYLE 911 OZZIE™ and
STYLE 922 OZZIEMASTER™
MAINTENANCE
INSTRUCTIONS**



PHONE: 330.264.5678 or 800.228.1161 FAX: 330.264.2944 or 800.531.7335 akronbrass.com REVISED: 03/13



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ISO 9001 REGISTERED COMPANY

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INSTRUCTIONS FOR INSTALLING THE PARTS IN THIS KIT

DISASSEMBLY OF BALL SEAL

Disconnect two bleed tubes (Item A) at elbow fittings (Item B). Remove two hex head cap screws (Item C) from motor bracket (Item D). Remove button head screw (Item E) and washer (Item F) from underside of motor bracket. Set entire motor unit aside. Remove six pan head screws (Item G) and pull off ball cover retainer (Item H) and ball cover (Item I). Remove two ball trunnions (Item J). The outlet (Item K) should be removed to expose the ball seal (Item L). Note: The beveled surface of the old ball seal is facing outward. Remove the old ball seal and install the new ball seal with the same beveled surface facing outward. Inspect screen (Item M) inside horizontal turret (Item N). If a build-up of debris or rust deposits has occurred on the screen, use plain water and brush of medium stiffness to clean thoroughly.

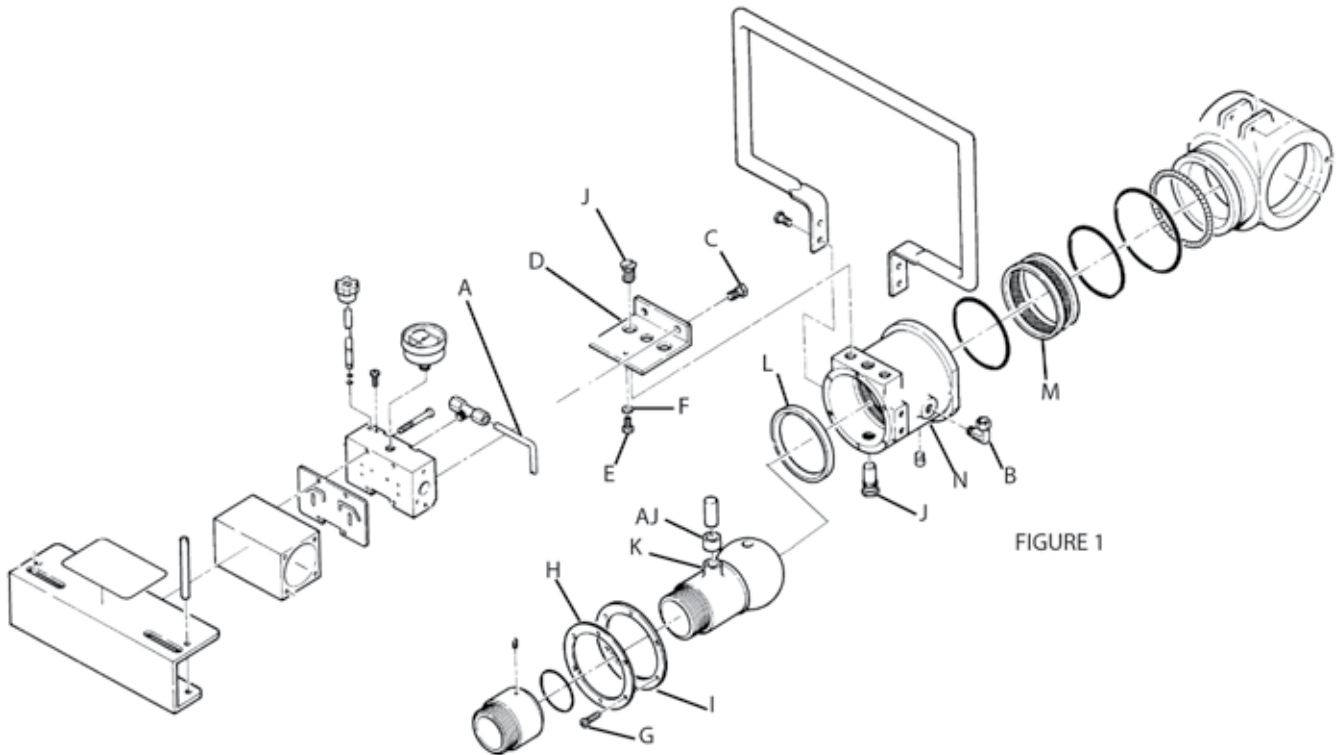


FIGURE 1

DISASSEMBLY OF VALVE BLOCK TO REPLACE O-RING SEALS

Unthread completely each limit knob (Item O) and washer (Item P) from limit arms (Item Q) and set parts aside. Loosen, ONE FULL TURN, two set screws (Item R). Remove two locking pins (Item S) and drive cover (Item T). Remove four socket head cap screws (Item U). Using a rubber mallet or other means, separate two valve caps (Item V) from valve block (Item W). Discard old valve cap gaskets (Item X) and scrape any remaining gasket material off of valve block or valve caps. Remove valve spool (Item Y) from valve block.

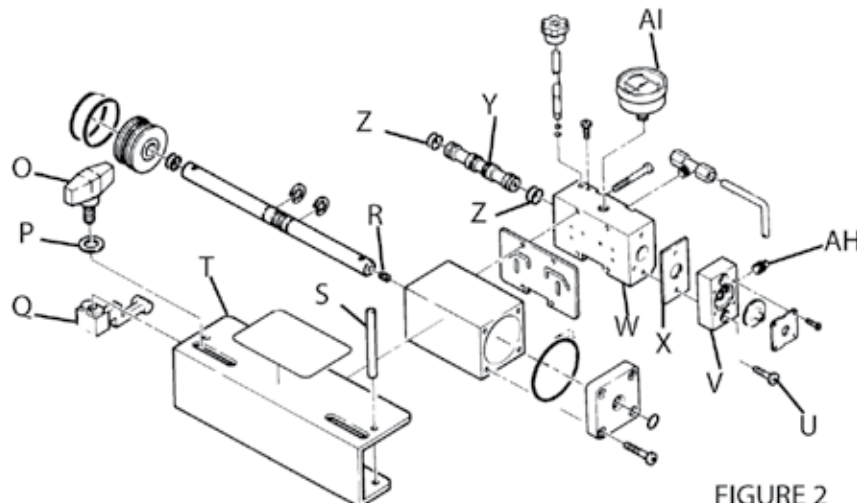


FIGURE 2

DISASSEMBLY OF CYLINDER BLOCK TO REPLACE O-RINGS

Remove eight button-head screws (Item AA) from two cylinder caps (Item AB) and pull end caps off either end of cylinder rod (Item AC). From each end cap remove one o-ring (Item AD). Lightly grease new o-rings with Parker O-Lube or equivalent and install in end caps. Remove cylinder rod (Item AC) from cylinder block (Item AE). Remove two O-Rings (Item AF) on piston (Item AG).

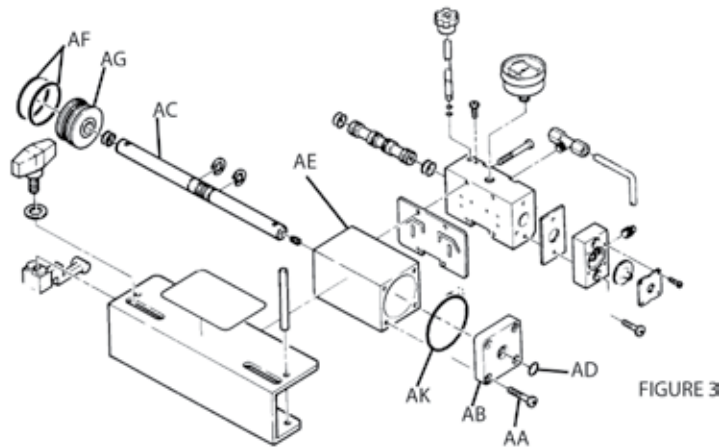


FIGURE 3

REASSEMBLY OF BALL SEAL (See Figure 1)

If unthreaded sections of ball trunnions (Item J) are dry, coat with grease. Place outlet (Item K) against ball seal (Item L). Secure outlet in place with two ball trunnions (Item J). Wrench tighten trunnions. Replace ball cover (Item I) and ball cover retainer (Item H). Secure with six pan head screws.

REASSEMBLY OF VALVE BLOCK (See Figure 2)

Replace four O-Rings (Item Z) on valve spool. (Caution: Avoid cutting or tearing an O-Ring when installing.) Coat each of the O-Rings with Parker O-Lube or equivalent. Install valve spool (Item Y) into valve block (Item W) so that one end of the valve spool is flush with one face of the valve block. Assemble one valve cap gasket (Item X) and one valve cap (Item V) onto each end of valve block as shown, making sure the opening in the exhaust plug (Item AH) is facing opposite the pressure gauge (Item AI). Secure each valve cap and gasket with two socket head cap screws (Item U).

REASSEMBLY OF CYLINDER BLOCK (See Figure 3)

Lightly grease new O-Rings (Item AF) with Parker O-Lube or equivalent and install on piston (Item AG). Place cylinder rod (Item AC) into cylinder block (Item AE). Place cylinder cap (Item AB) with O-Rings (Item AK) over each end of cylinder rod (Item AC) and secure each cylinder cap (Item AB) against cylinder block (Item AE) using four button head screws (Item AA) per cylinder cap. Lightly grease, with Parker O-Lube or equivalent, exposed sections of cylinder rod (Item AC). Push rod back and forth to distribute grease evenly.

FINAL REASSEMBLY

Slide drive cover (Item T) over cylinder block (Item AE). Align hole at edge of drive cover with hole at end of cylinder rod (Item AC) and insert locking pin (Item S) (2 pins total). Secure each pin by tightening set screw (Item R) in end of cylinder rod. Assemble limit knobs, washers and limit arms (Items O,P,Q) in slots on drive cover as shown.

Place motor assembly on motor bracket (Item D) making sure the roller (Item AJ) is in the slot on the underside of the drive cover. Hand-tighten two hex head cap screws (Item C) that hold valve block on motor bracket. Install button-head screw (Item E) and washer (Item F) on underside of motor bracket. Wrench tighten two hex head cap screws. Connect bleed tubes (Item A) to elbow fittings (Item B) and wrench tighten.