

ME800-LSRK LOWER SEAL REPAIR KIT

WARNING!!! READ AND UNDERSTAND ALL INSTRUCTIONS INCLUDED WITH THIS REPAIR KIT RELIEVE ALL PRESSURE FROM SYSTEM BEFORE REMOVING VALVE FOR SERVICE

NOTE: Numbers in brackets [] refer to the number in the valve component list.

A. Disassembly

- 1. EVACUATE ALL PRESSURE FROM SYSTEM BEFORE ANY DISASSEMBLY OR REPAIR.
- 2. Place Handle [3] in open position.
- 3. Remove Bonnet Assembly [1] from Body [2].
- 4. Remove Bonnet Seal [7] and discard.
- 5. Place Handle [3] in closed position.
- 6. Remove Toggle Pin [4] from Handle [3], and remove Handle [3] from assembly.

CAUTION: Ensure spring remains compressed during handle removal

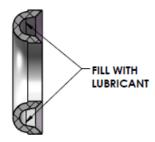
- Decompress Spring [11] and remove Upper Stem [13] from Bonnet [5].
- Remove Washer [12], (2) Bushing Nests [9], Stem Bushing [10], and Spring [11] from Upper Stem [13] and retain.
- 9. Remove Valve Holder Assembly [14] from Upper Stem [13] and discard. Retain Upper Stem [13].

NOTE: Heat may be required to break thread seal

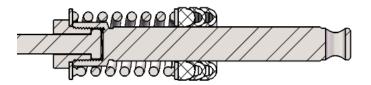
10. Remove Washer [12] from Valve Holder Assembly [14].

B. Re-assembly

- 1. Install Washer [12] onto Valve Holder Assembly [14].
- 2. Apply Loctite #271 (packet included) to threads on Valve Holder Assembly [14] and install into Upper Stem [13].
- 3. Apply Lubriplate or equivalent grease to inside of Bonnet [5]. Fill (2) Bushing Nests [9] as shown.



4. Install Spring [11], Washer [12], Stem Bushing [10] and (2) Bushing Nests [9] on Upper Stem [13] as shown.



- 5. Install O-ring [8] and Gasket [6] into Bonnet [5].
- 6. Install Upper Stem [13] through Bonnet [5] and compress Spring [11] until hole in Upper Stem [13] is exposed. Insert rod into Upper Stem to keep Spring compressed.
- 7. Install Bonnet Seal [7] into Body [2].
- 8. Apply Loctite #565 or equivalent thread seal to Bonnet [5] threads and install into Body [2].
- 9. Remove rod from Upper Stem [13], install Handle [3] onto Upper Stem, and install Toggle Pin [4] through Handle.

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ME815P-16SRK

C. Components List

- 1. Bonnet Assembly
- 2. Body
- 3. Handle
- 4. Toggle Pin
- 5. Bonnet
- 6. Gasket
- 7. Bonnet Seal
- 8. O-ring
- 9. Bushing Nest; Qty: 2
- 10. Stem Bushing
- 11. Spring
- 12. Washer; Qty: 2
- 13. Upper Stem
- 14. Valve Holder Assembly

