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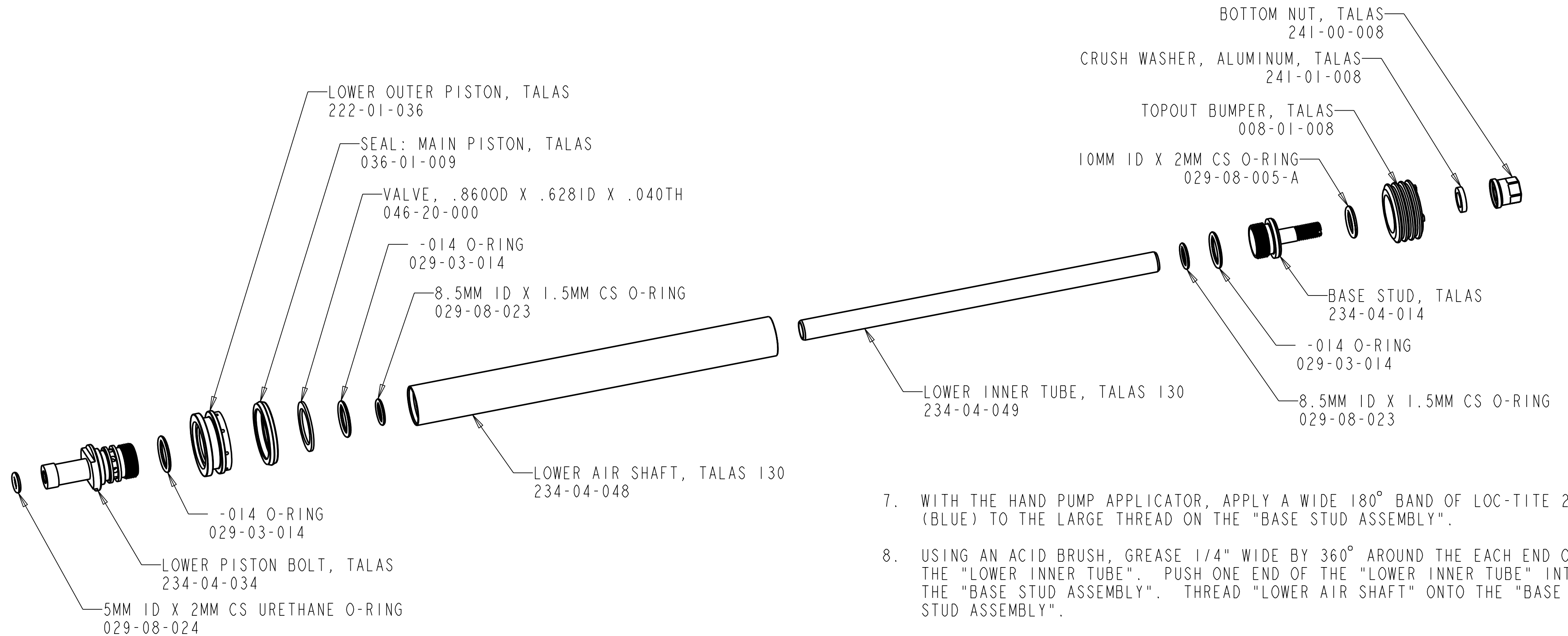
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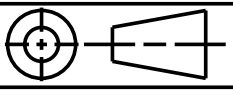
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| REVISIONS |     |                        |         |          |
|-----------|-----|------------------------|---------|----------|
| ZONE      | REV | DESCRIPTION            | DATE    | APPROVED |
|           | A   | RELEASE FOR PRODUCTION | 24FEB04 |          |



#### ASSEMBLY INSTRUCTIONS:

- PLACE "LOWER PISTON BOLT" ON FIXTURE AND INSTALL "8.5MM ID X 1.5MM CS O-RING" INTO THE BOTTOM INNER GROOVE (THREADED SIDE). CHECK THAT O-RING IS FULLY INSTALLED INTO THE GLAND.
- PLACE "LOWER PISTON BOLT" ON FIXTURE AND INSTALL "5MM ID X 2MM CS O-RING" INTO THE TOP INNER GROOVE. CHECK THAT O-RING IS FULLY INSTALLED INTO THE GLAND.
- PLACE LONG SEAL BULLET ON THREADED SIDE OF "PISTON BOLT" AND INSTALL THE "-014 O-RING". INSPECT THAT O-RING IS NOT TWISTED AND FULLY IN GROOVE. USING AN ACID BRUSH, LIGHTLY GREASE THE OD OF THE "-014 O-RING".
- INSTALL "LOWER OUTER PISTON" ONTO THE "LOWER PISTON BOLT" ORIENTED WITH THE SMALL C-BORE ON THE PISTON FACING TOWARDS THE SHOULDER OF THE BOLT.
- INSTALL "VALVE .860 OD X .628 ID" ONTO THE "LOWER PISTON BOLT". PLACE SHORT SEAL BULLET ON THREADED SIDE OF "PISTON BOLT" AND INSTALL THE "-014 O-RING". INSPECT THAT O-RING IS NOT TWISTED AND FULLY IN GROOVE.
- INSTALL "8.5MM ID X 1.5MM CS O-RING" INTO THE BOTTOM INNER GLAND OF THE "BASE STUD". INSPECT THAT O-RING IS FULLY INSTALLED INTO THE GLAND. USING A SHORT SEAL BULLET, INSTALL THE "-014 O-RING" ONTO THE BASE STUD. INSPECT THAT O-RING IS NOT TWISTED AND FULLY IN GROOVE.
- WITH THE HAND PUMP APPLICATOR, APPLY A WIDE 180° BAND OF LOC-TITE 242 (BLUE) TO THE LARGE THREAD ON THE "BASE STUD ASSEMBLY".
- USING AN ACID BRUSH, GREASE 1/4" WIDE BY 360° AROUND THE EACH END OF THE "LOWER INNER TUBE". PUSH ONE END OF THE "LOWER INNER TUBE" INTO THE "BASE STUD ASSEMBLY". THREAD "LOWER AIR SHAFT" ONTO THE "BASE STUD ASSEMBLY".
- WITH THE HAND PUMP APPLICATOR, APPLY A WIDE 180° BAND OF LOC-TITE 242 (BLUE) TO THE THREAD ON THE "LOWER PISTON BOLT ASSEMBLY". THREAD "LOWER PISTON BOLT ASSEMBLY" INTO THE "LOWER AIR SHAFT ASSEMBLY". PLACE "LOWER AIR SHAFT ASSEMBLY" INTO FIXTURE AND TORQUE TO 55 IN-LB.
- INSTALL "TOPOUT BUMPER" ONTO "LOWER AIR SHAFT ASSEMBLY" WITH THE 4 RIBS ON THE BUMPER FACING OPPOSITE OF THE "LOWER OUTER PISTON".
- PRESS IN THE "10MM ID X 2MM CS O-RING" INTO THE BOTTOM GROOVE OF THE BASE STUD.
- USING A GREASED SEAL BULLET, CAREFULLY INSTALL THE "MAIN PISTON SEAL" ONTO THE GLAND OF THE "LOWER OUTER PISTON".
- REMAINING PARTS WILL BE ASSEMBLED DURING "MAIN ASSEMBLY".

| ITEM NO.  | QTY. | PART NUMBER  | DESCRIPTION | MATERIAL SPEC  |
|---|------|--|-------------|--|
| UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES                                   |      | PER ANSI Y14.5M 1994   |             |  |
| TOLERANCES ARE:   |      |  <b>FOX Factory, Inc.</b><br>130 Hangar Way, Watsonville, CA 94076 USA, Ph 831-768-1100, Fax 831-768-9312 |             |  |
| DECIMALS  |      | APPROVALS  | DATE        | SPRING SUB-GROUP:<br>LOWER AIR SHAFT, TALAS 130<br>PART NO. 820-02-014 |
| ANGLES  |      | DWN. BY  | 24FEB04     |  |
| .XX ± .01   |      | CHK. BY  | 24FEB04     |  |
| .XXX ± .005   |      | ENG. BY  | 24FEB04     |  |
| THIRD ANGLE PROJECTION  |      | MFG.   |             | SIZE C   |
|  |      | ADD.   |             | PLOT SCALE 0.75:1  |
|   |      |  |             | SHEET 1 OF 1   |

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