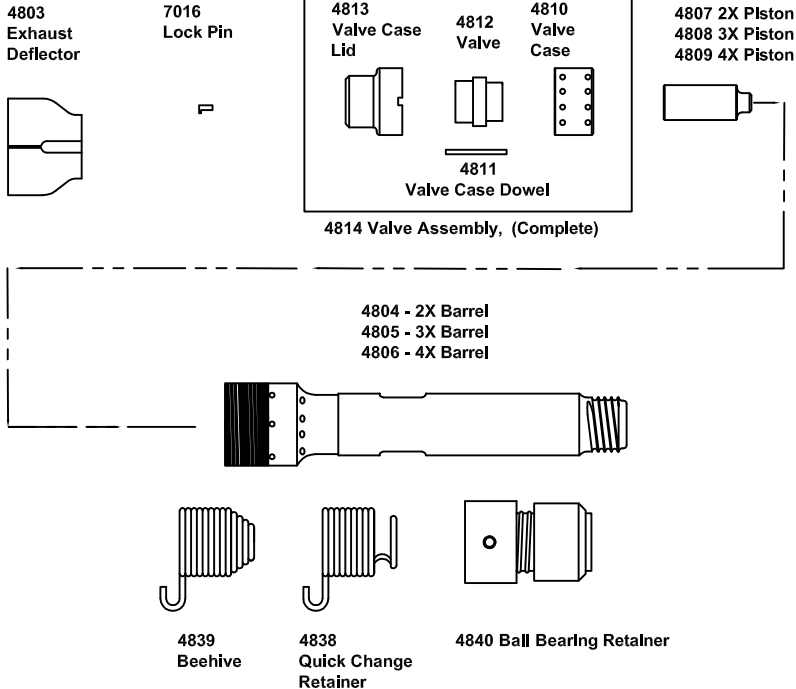
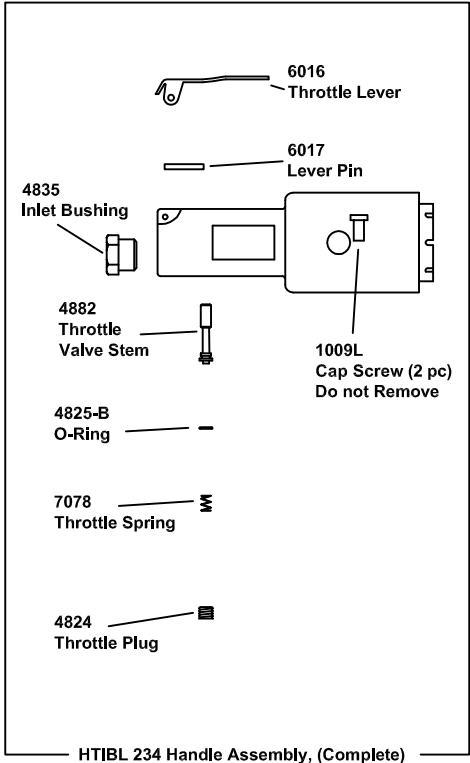


HTIBL 2X, 3X, 4X RIVETER / AIR HAMMER



*** LUBRICATE DAILY ***



HONSA ERGONOMIC TECHNOLOGIES, INC

Made in the U.S.A.

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MAINTENANCE PROCEDURES FOR HONSA TOOLS HTIBL 2X, 3X, 4X RIVETERS

TO ASSEMBLE TOOL

1. Remove original handle/backhead, if installing a retro-fit handle, otherwise proceed to step 2 to remove barrel from Honsa hammer for maintenance.
2. Before installation or removal of any barrel, the socket head cap screws must be in both holes in the handle housing. **These screws are installed by the manufacturer and should permanently remain in place. If missing, DO NOT PROCEED as permanent damage may result to the urethane during the tightening or loosening. FAILURE TO USE PROPER PARTS VOIDS WARRANTY.**
3. Hand tighten barrel into Honsa handle, oil and run tool for 5 seconds to ensure proper valve operation.
4. Place handle flats against vise jaws and tighten with barrel pointing up. (Use vise jaw protectors if possible). Using a 1/2" drive torque wrench, tighten barrel to minimum 120 ft lbs, ensuring that lock pin hole is aligned with a slot in the receiver cup. (During maintenance should an overtightened barrel not loosen after normal attempts, place entire tool in a freezer overnight and attempt to loosen while frozen. Do not use a torch to loosen barrel. Should barrel not break free after frozen, contact manufacturer for further information.)
5. Position lock pin to slot. (Wrench barrel to precise lock slot position if needed), install exhaust deflector with 90° to 180° from lock pin. Remove from vise.
6. After 24 hours of operation, re-tighten barrel.

TO DISASSEMBLE TOOL

1. Disconnect air supply from tool. Remove chisel from nose end of tool.
2. Before installation or removal of any barrel, the socket head cap screws must be in both holes in the handle housing. **These screws are installed by the manufacturer and should permanently remain in place. If missing, DO NOT PROCEED as permanent damage may result to the urethane during the tightening or loosening. FAILURE TO USE PROPER PARTS VOIDS WARRANTY.**
3. Place handle into vise, ensuring that the flats on either side of the handle are in contact with the vise jaws. Remove exhaust deflector, and lock pin. Loosen barrel (use vise jaw protectors if possible).
4. Inspect all parts for wear and/or damage. Replace as necessary. Clean and flush all parts, lightly oil, and reassemble as directed above.

USE OF OTHER THAN HONSA REPLACEMENT PARTS MAY DECREASE PERFORMANCE, INCREASE MAINTENANCE AND MAY VOID WARRANTY.