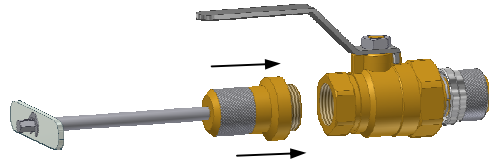
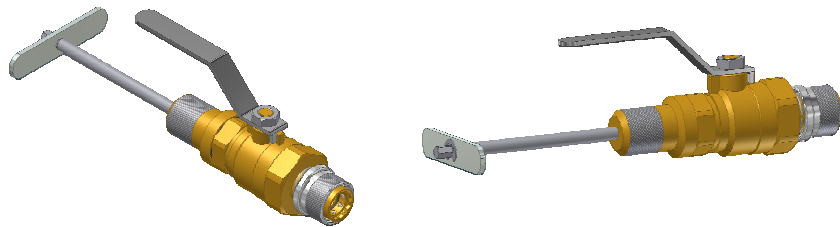


REBUILD INSTRUCTIONS

3. Thread/Insert the back body shaft assembly into the ball valve.
Note: DO NOT use Loctite on the back body threads.



4. Removal tool is now ready for use.



CM-CRTOOL Removal Tool

Product Warranty

JB Industries, Inc. warrants its products against defects of workmanship and/or material for 12 months from the date of the sale by JB Industries, Inc. This warranty is void if the product is misused, tampered with or used in a manner that is not in accordance with JB Industries, Inc. recommendations and/or instructions. JB Industries, Inc. is not liable for consequential or other damages including, but not limited to, loss, damage, personal injury, or any other expense directly or indirectly arising from the use of or inability to use its products either separately or in combination with other products. ALL OTHER WARRANTIES EXPRESSED OR IMPLIED, WHETHER ORAL OR WRITTEN, INCLUDING BUT NOT LIMITED TO WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE ARE EXPRESSLY EXCLUDED.

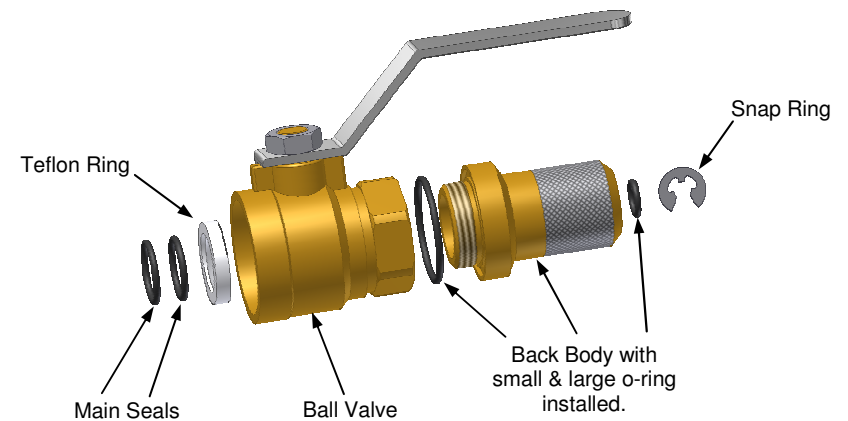
Remedy under this warranty is limited to replacement of the product or an account credit in the amount of the original selling price, at the option of JB Industries, Inc. All allegedly defective products must be returned prepaid transportation to JB Industries, Inc. along with information describing the products performance, unless disposition in the field is authorized in writing by JB Industries, Inc.



CM-CRTOOL Rebuild Kit

Description: Rebuild kit for *CoreMax* removal tool.

CM-CRTOOL Rebuild Kit shown below.



Please thoroughly read the instructions prior to rebuilding the CM-CRTOOL Core Removal tool. If you do not understand instructions, or if components are missing, call *JB Industries* before using connector.

- The Removal Tool is designed to mate with a specific application.
- Connectors are NOT designed for permanent connections and are for temporary connections only.

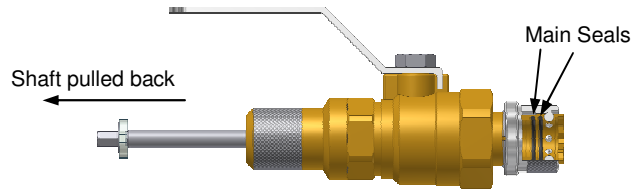
WARNING: This connector is NOT internally-valved. All pressure must be dissipated before disconnection.

CoreMax®

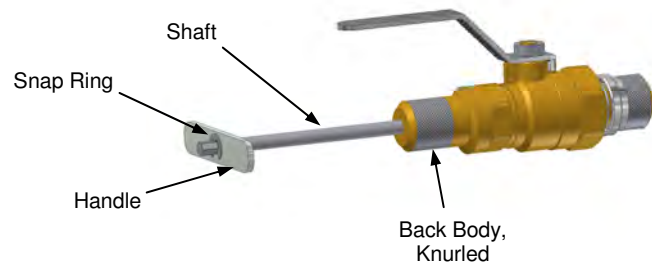
REBUILD INSTRUCTIONS

REBUILD INSTRUCTIONS:

1. Pull the shaft back to expose the main seals. With a small screw driver, or blunt pick, remove the main seals from the tool and discard. Exercise caution so as to not scratch the o-ring grooves.



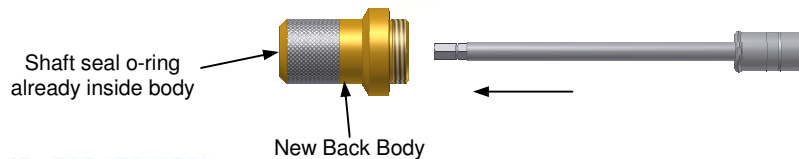
2. Lightly lubricate new seals with a petroleum based jelly. Place the new seal inside the tool using a small screw driver or blunt pick; push the seal into the respective groove. Repeat for second seal. Exercise caution not to damage o-rings.
3. Remove snap ring and handle, discard snap ring.



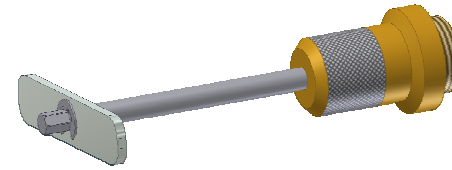
4. Unscrew back body from ball valve. Pull shaft out of back body. Discard back body.



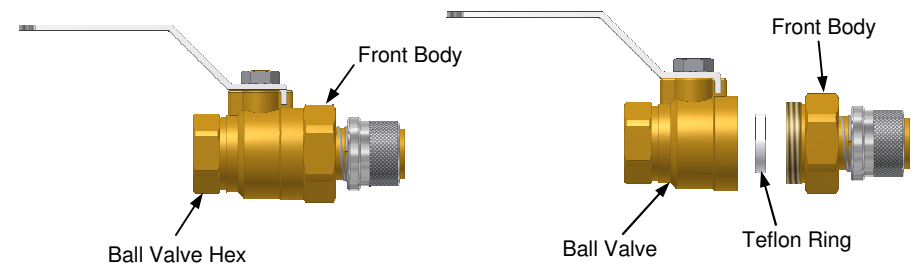
5. Lubricate shaft seal o-ring and slide shaft into new back body.



6. Replace handle onto shaft and install new snap ring. Set this assembly aside until called for later.



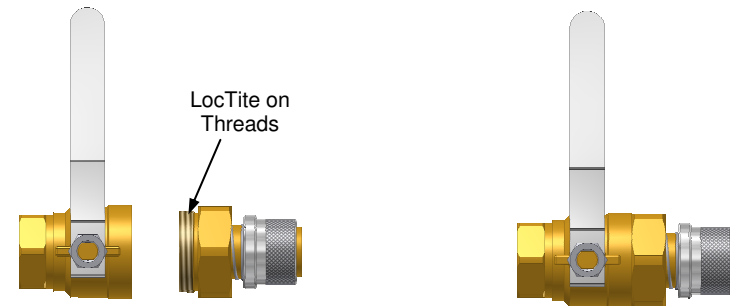
7. Removal of ball valve from front body. Place ball valve hex in vise, remove front body from ball valve and discard ball valve. Some minor heat may need to be applied to loosen the LocTite on threads. But try without heat first.



8. Remove and discard Teflon ring from front body and replace with new Teflon ring, flat side in first.

Re-Assembly:

1. Place new ball valve in vise. Apply LocTite 242 to threads on front body.
Note: Rotate handle 90° as shown and hold it in that position as the front body is tightened into ball valve.



2. Remove ball valve/front body assembly from vise.



CoreMax[®]