Elevator Equipment Corporation
"Simplicity in Motion"

Elevator Equipment Corporation
CB-012

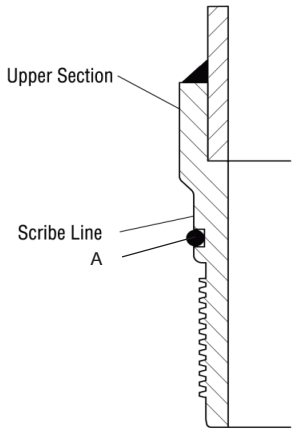
Threaded No Weld Cylinder Joint Installation Procedures

1. Upon receiving, remove protective shipping caps.

   CAUTION: Use care when removing the O-rings to avoid damage!

2. Carefully remove both O-rings from the provided envelope and thoroughly inspect for possible damage, retain them for later use.

   NOTE: On 10" Joint, the smaller O-ring (A) goes in the upper section, and the larger O-ring (B) goes in the lower section.



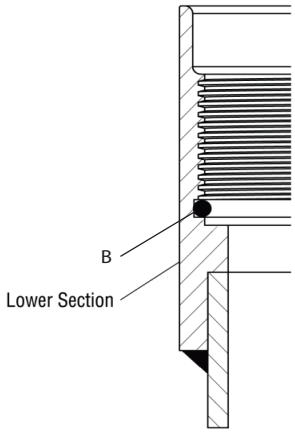
3. Inspect the male threads for damage and foreign material. Clean the threads on each coupling using a brush and solvent to get into the thread valleys. Wipe thoroughly.

4. Clean the O-rings and wipe them dry. Lubricate the O-rings with Parker Super Lube® (or equivalent lithium-based lubricant). Install one O-ring into the uppermost groove on the male coupling and ensure it is properly seated.

5. Install the other lubricated O-ring into the groove on the female coupling and ensure it is properly seated.

6. Apply a thin coating of lubricant on the male threads.

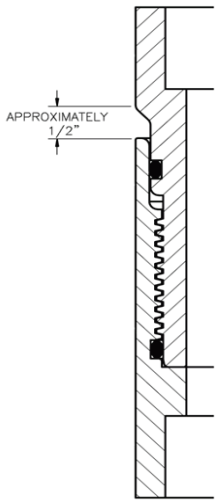
7. Verify that the top section is plumb when centered over the lower section. Misalignment will make it difficult to screw the sections together and may damage the threads. After initial thread engagement, sections should screw together easily by hand.



   Important: Do Not Force

8. Screw the sections together by hand to ensure full thread engagement, lowering the hoist as the sections are screwed together. The heavy ACME square thread design reduces the possibility of cross threading. When final engagement of O-ring is achieved a wrench is required. The coupling section is fully engaged when the scribe line begins to disappear as the lower section reaches it, leaving a gap of approximately 1/2 inch between sections. A scribe line is located on the upper joint for reference.

   CAUTION: Do not force if a coupling does not screw together to full engagement!



9. The Threaded No Weld Cylinder Joints are designed to secure together the sections of a multi-section jack system without the need to weld the joints. If the specifications require or at the discretion of the Installation Company, the joint can be welded at this point filling the 1/2 inch gap between the couplings. If welding, the O-ring on the upper section must be removed so it does not contaminate or compromise the integrity of the weld.

Note: It is advisable to perform Hydrostatic Test of the joint assemblies before proceeding with back filling.

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