

INSTALLATION & REMOVAL INSTRUCTIONS FOR CLIMAX SERIES C192

IMPORTANT NOTICE

When installing or removing any CLIMAX Keyless Locking Device (KLD), please follow these important safety standards:

1. Check to ensure that power switches are off & locked out.
2. Always wear safety glasses & appropriate protective clothing.

INSTALLATION

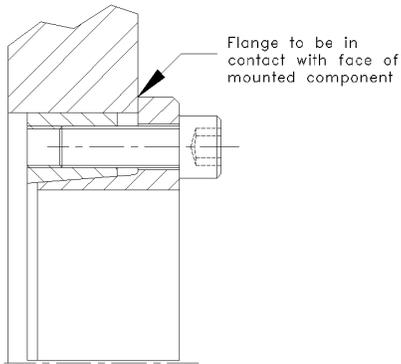


Figure 1

CLIMAX Series C192 Keyless Locking Devices are supplied zinc plated and are ready for installation. All inner and outer collar surfaces are DRY, while locking screws are lightly coated with machine oil. This combination ensures the proper coefficients of friction. As published contact pressures and torque capacities are based on these coefficients, DO NOT use Molybdenum Disulfide (e.g., Molykote, Never-Seez or similar lubricants), or synthetic lubricants with this CLIMAX KLD.

1. Check to ensure that taper, shaft and bore contact areas are clean and dry and that radial slits are aligned. Locking screw threads and under the screw head should have a light coating of machine oil.
2. To lock out mating tapers and prevent engagement during assembly, transfer at least two or three locking screws into integrated jacking holes in front flange (see Figure 2).
3. Insert CLIMAX Series C192 into component bore, then transfer screws used to separate collars back to their original position. Note that the flange must be in contact with the face of the mounted component (see Figure 1).
4. Tighten all locking screws by hand until screw heads are in contact with face of front flange.
5. Use a properly calibrated torque wrench (we recommend the CCM Series from Sturtevant Richmond) and set it approximately 5% higher than our specified tightening torque M_a . Starting with a locking screw adjacent to the slit and, moving in the direction away from the slit, tighten the screws in a circular pattern, using quarter turns for each screw, several times around until quarter turns can no longer be achieved. At this point, apply the 5% overtorque for two more complete times around.
6. Reset the torque wrench to our specified tightening torque M_a . Check to ensure that none of the locking screws turn at this torque value, otherwise reset the wrench to the 5% higher value and repeat Step 5 for one or two more complete passes.

INSTALLATION & REMOVAL INSTRUCTIONS FOR CLIMAX SERIES C192

IMPORTANT NOTICE

When installing or removing any CLIMAX Keyless Locking Device (KLD), please follow these important safety standards:

1. Check to ensure that power switches are off & locked out.
2. Always wear safety glasses & appropriate protective clothing.

REMOVAL

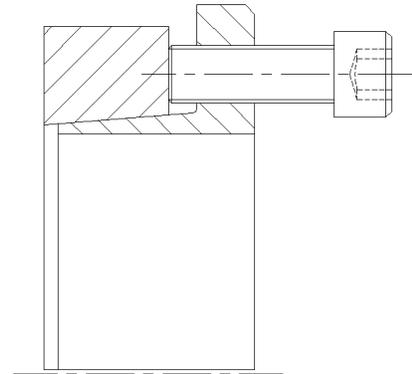


Figure 2

1. Remove all locking screws. Count the number of jacking holes in the front flange and select the same number of locking screws. The ends of these screws are to be ground flat and slightly chamfered to ease removal and prevent damage to the KLD push-off surface and/or the screw threads.
2. Ensure that axial movement of KLD collars is not restricted, as this is necessary for proper removal.
3. Using the modified screws from Step 1, insert into all jacking holes located in front flange (see Figure 2).
4. The KLD is released by evenly and gradually tightening these screws, using quarter turns for each screw, in a diametrically opposed pattern.

Locking Screw Tightening Torque M_a

Screw Size	M6
Tightening Torque M_a (in-lbs)	150



Scan this QR Code to watch a short installation video for this Keyless Locking Device.