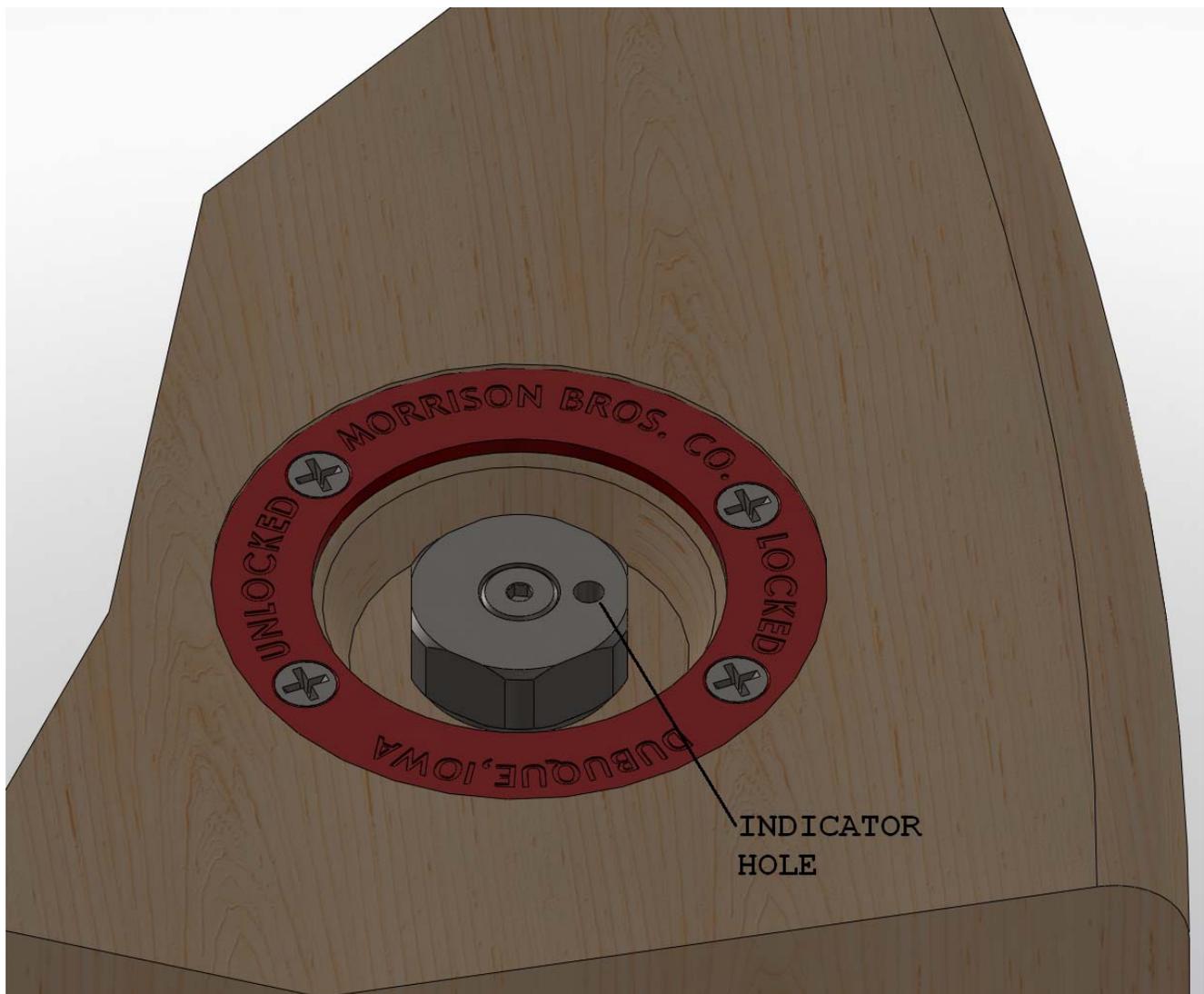


418LC LOCKING MANHOLE COVER

Installation & Maintenance Instructions

A lightweight, large diameter cover that is as strong as steel and reasonably priced. For use on service station drives, meets H-20 load requirements. Recessed stainless steel handle that can be hand-lifted. The manhole also has a slip resistant surface and is fire resistant. Lab tested in all weather and seasonal conditions for maximum strength and corrosion resistance. The 418LC manhole has a Cam Arm locking feature to allow for greater security.

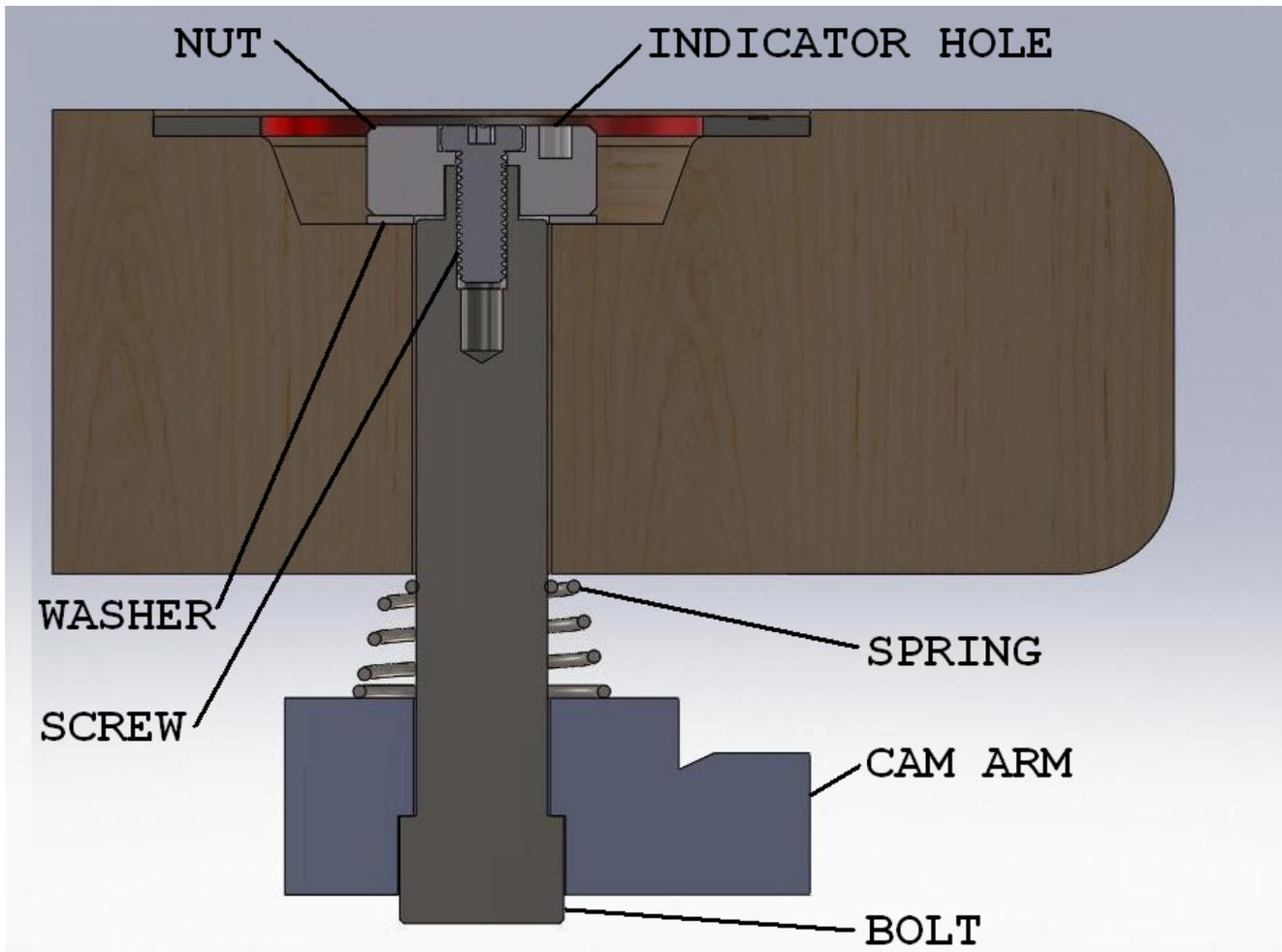
Operation: To remove the cover, rotate the bolts to the position where the indicator (drilled hole) is pointing to the “unlocked” position. You can now freely remove the cover from the assembly. When replacing the cover it is important to insure all cam arms are properly engaged and the indicator on the hardware is pointing at the “locked” position before leaving the site.



Maintenance: Annual inspection, at a minimum, is required to verify cover condition and operation. Inspect cover for excessive wear or damage. If either is found replace cover.
Replacement Cover Part Numbers: 38" 418LC-3801 AC / 44" 418LC-4401 AC

Inspect the locking cams for excessive wear, corrosion, or damage. If any is found replace locking cam assemblies. Replacement Locking Cam Part Numbers: 38" 418LC-3811 AK / 44" 418LC-4411 AK

Inspect the cover handle for excessive wear, corrosion, or damage. If any is found replace the cover handle assembly. Replacement Cover Part Number: 38" / 44" 318L--3804 AH



Hardware replacement: Install the Cam Arm over the Bolt (rotation is not critical at this time) and then place the Spring over the bolt. Next place the Bolt through the hole in the cover. Compress the Spring and place the Washer over the double "D" shape of the Bolt. Then place the Nut on the Bolt making sure to line up the flats. The Screw can now be started into the center of the Bolt. With the Screw started apply a drop of thread-locker to the threads of the Screw and torque to 33 inch pounds (hand tight). Push-up on the Cam Arm and rotate until the large part of the arm aligns with the drilled hole in the nut and release it back into the proper hex.