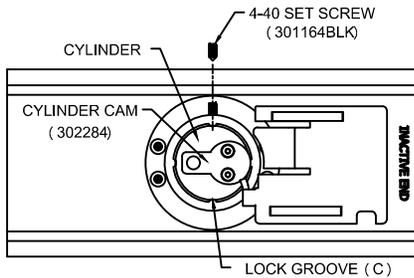
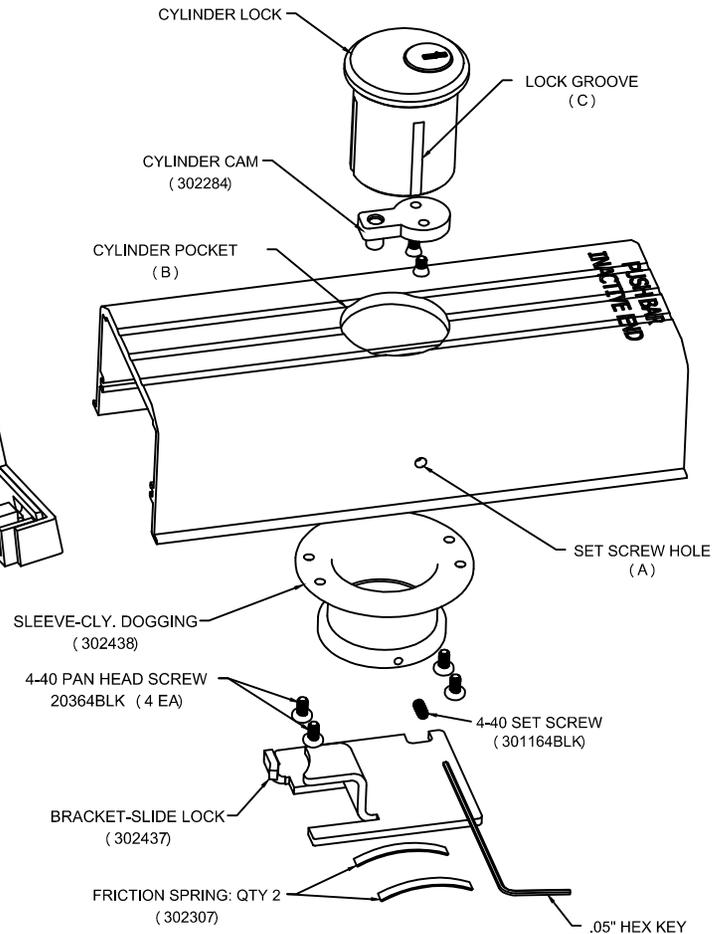


**CYLINDER INSTALLMENT**

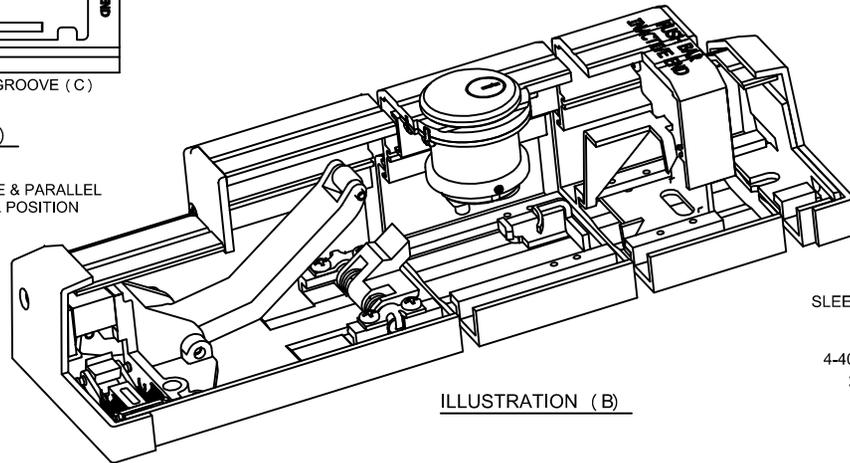
1. REMOVE CAM FROM NEW LOCK CYLINDER AND REPLACE WITH PART NUMBER 302284 (SEE ILLUSTRATION A). IT WILL BE INCLUDED IN THE C.R. LAURENCE DOGGING KIT. ASSURE THE CYLINDER CAM ORIENTATION IS POSITION PARALLEL TO PUSH BAR (SEE ILLUSTRATION C).
  2. INSERT CYLINDER WITH KEY INTO CYLINDER POCKET (B) ON PUSH BAR PAD, TURN THE CYLINDER CLOCKWISE (C.W.) UNTIL IT IS TIGHTEN, THEN SECURE CYLINDER BY INSERTING A HEX KEY INTO SIDE HOLE AND TIGHTEN SET SCREW PART NUMBER 301164BLK (SEE ILLUSTRATION C).
  3. MAKE SURE TO LINE-UP A GROOVE ON THE CYLINDER DIRECTLY INTO THE SET SCREW. IF NEEDED BACK THE CYLINDER COUNTERCLOCKWISE (C.C.W.) UNTIL LINES-UP TO A CYLINDER GROOVE TO THE SET-SCREW.
  4. TEST AND VERIFICATION OF DOGGING FUNCTION SEE DRAWING 10-974 SHEET 1
- CAUTION: DO NOT DEPRESS PUSH BAR WHILE HEX KEY IS INSERTED.

**ILLUSTRATION (A)**  
EXPLODED VIEW



**ILLUSTRATION (C)**  
BOTTOM VIEW

CYLINDER CAM NEEDS TO BE IN-LINE & PARALLEL TO THE PUSHBAR FOR THE FINAL POSITION



**ILLUSTRATION (B)**

**CYLINDER REPLACEMENT (RE-KEY INSTALLATION)**

1. INSERT HEX KEY (.050) INTO SIDE HOLE (A) ON PUSH BAR PAD, AND LOCATE 4-40 SCREW (HELD BY CYLINDER SLEEVE)
2. TURN HEX KEY COUNTER CLOCKWISE (CCW) TO RELEASED CYLINDER, THEN ONCE THE 4-40 SCREW HAS BEEN LOSEN WITH CONTROL KEY TURN CYLINDER BODY COUNTER CLOCKWISE (C.C.W.) TO REMOVE.
3. REMOVE CAM PROVIDED WITH CYLINDER, AND REPLACE WITH CAM (302284). ASSURE CAM POSITION IS IS PARALLEL TO BUSH BAR.
4. RE-INSTALL CYLINDER BY PLACING IN CYLINDER PACKET (B) ON PUSH BAR PAD, THEN TURNING CLOCKWISE (C.W.) UNTIL CYLINDER SITS SEMI-FLASH WITH PUSH BAR SURFACE.
5. RE-TIGHTEN 4-40 SET SCREW ON PUSH BAR HOLE (A) UNTIL SNAG

CAUTION: DO NOT DEPRESS PUSH BAR, WHILE THE HEX KEY IS INSERTED.

ALUMINUM EXTRUSION NOTES UNLESS OTHERWISE SPECIFIED:	
- STANDARD ALUMINUM ASSOCIATION TOLERANCES APPLY	
- TYPICAL UNMARKED CORNER AND FILLET RADIUS:	
- TYPICAL WALL THICKNESS:	
- ESTIMATED AREA: _____ SQ. INCHES	
- ESTIMATED WT. / FT: _____ LBS	
- ESTIMATED PERIMETER:	

UNLESS OTHERWISE SPECIFIED:	
- DIMENSIONS ARE IN INCHES [mm]	
- TOLERANCES:	
- DIMENSIONAL X±.03 XX±.01 XXX±.005	
- ANGULAR ±0.30°	
- SURFACE TEXTURE VALUES IN MICRONS INCHES Ra	

REV	DESCRIPTION	DATE	BY

DMN BY: MR	DATE 3.14.13	SCALE: 1:1
THIS DRAWING AND THE DESIGN SHOWN THEREIN IS THE PROPERTY OF C.R. LAURENCE CO., INC. AND USE OR COPIES THEREOF CANNOT BE MADE WITHOUT WRITTEN CONSENT		

	C.R. LAURENCE CO., INC. C.R.L. MANUFACTURING 2100 E. 38TH STREET LOS ANGELES, CA 90058
PART NUMBER: 10-979	
PART NAME: CYLINDER DOGGING KIT INSTRUCTIONS	
PRODUCT LINE: JACKSON, PANIC DEVICE	
3rd ANGLE PROJECTION	SHEET NO. 1 OF 1 DRAWING NUMBER: 10-979 REV: 0