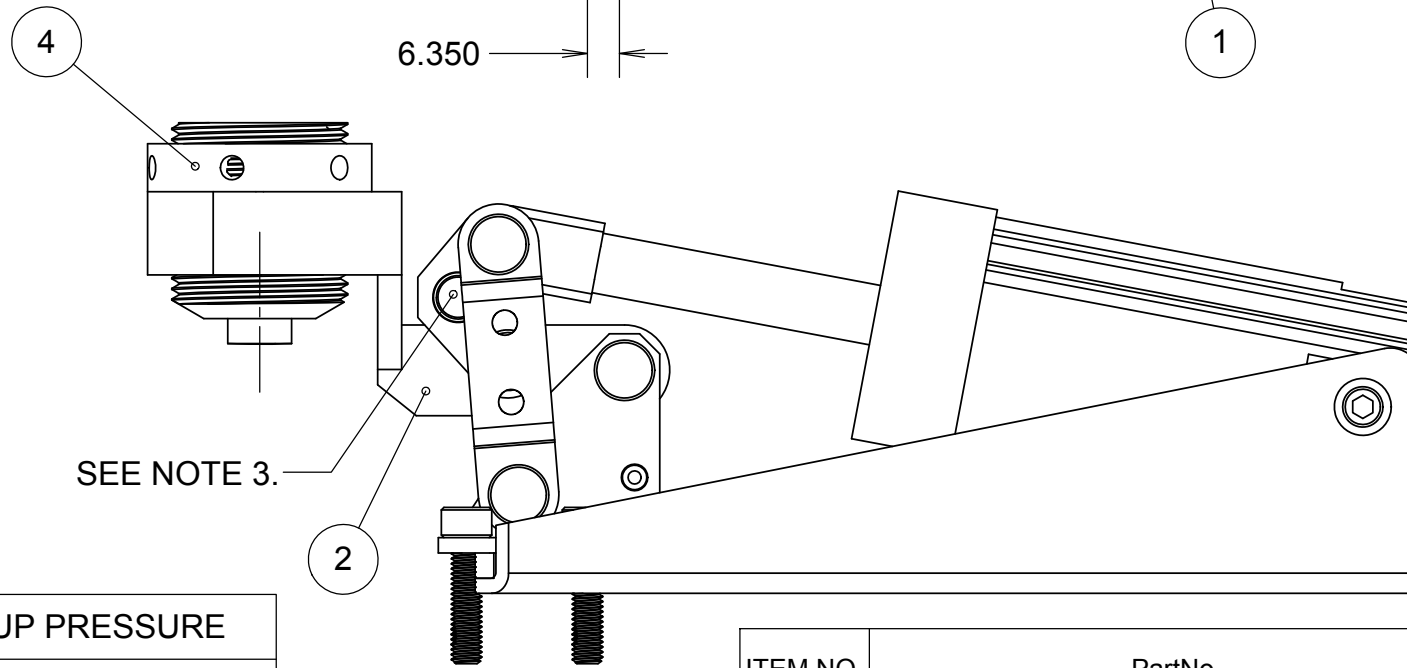
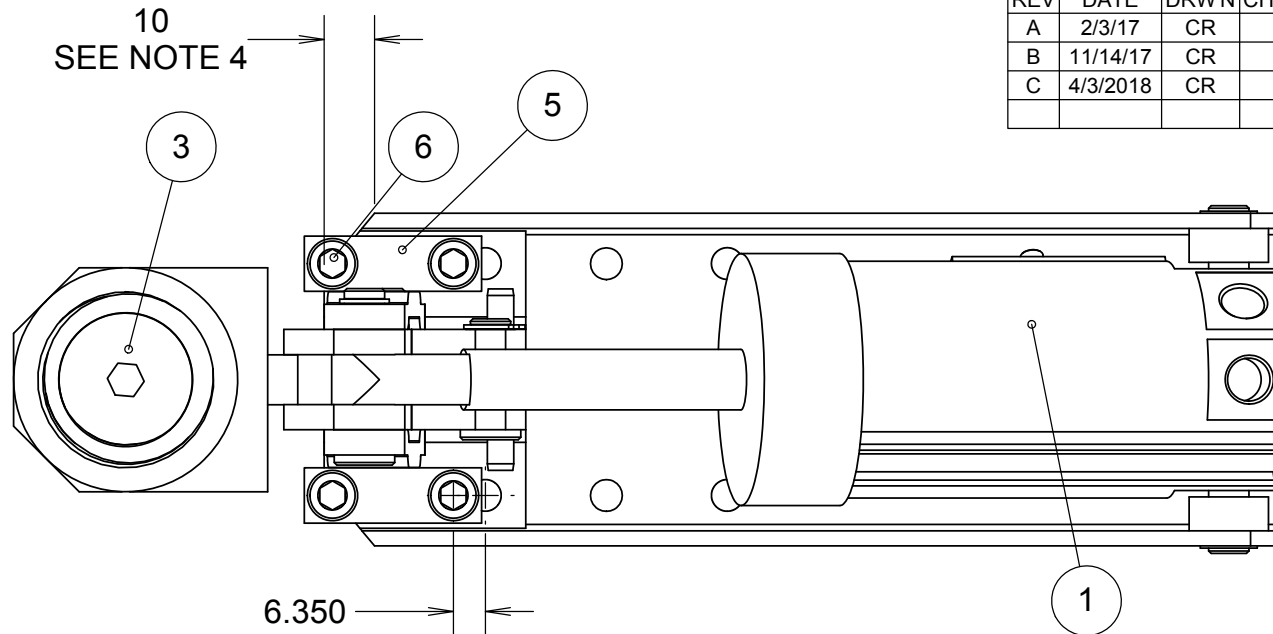
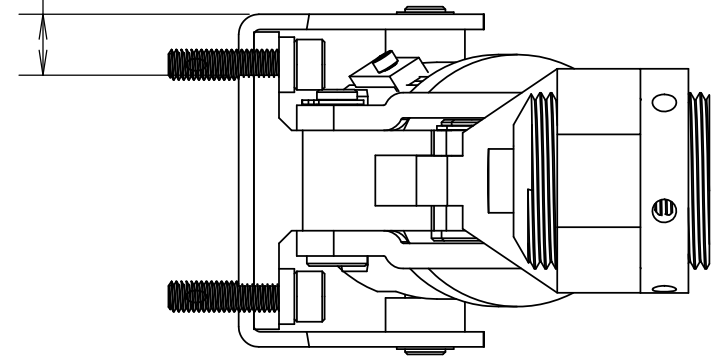


REVISIONS				
REV	DATE	DRW'N	CHCK'D	DESCRIPTION
A	2/3/17	CR	--	INITIAL RELEASE
B	11/14/17	CR		ADDED CUTS AND NOTES PER J WARD
C	4/3/2018	CR		ADDED SETUP TABLE

12.1  
SEE NOTE 4.

10  
SEE NOTE 4

6.350



CLAMP NAME	FORCE	SETUP PRESSURE
A2	340 LBS	90 PSI
B1	340 LBS	90 PSI
C1	200 LBS	50 PSI
C2	200 LBS	50 PSI

ITEM NO.	PartNo	DESCRIPTION	Default/ QTY.
1	DESTACO 8007-E	PNEUMATIC CLAMP	1
2	872-LM2241	DIE SPRING CLAMP SWING ARM	1
3	872-LM2246	CLAMP SPRING ASSEMBLY	1
4	872-LM2245	DIE SPRING LOCK NUT	1
5	872-LM2247	CLAMP WASHER PLATE	2
6	MC 93705A846	SHCS M6x25MM	4

**NOTES**

1. SHOWS MODIFICATION HOLES TO DESTACO 8007-E DRILL FOR M6 CLOSE CLEARANCE
2. DIE SPRING LOCATION FOR PRELIMINARY SETUP, SHOULD BE ADJUSTED TO IMPOSE CORRECT LOAD ~340 LBS, 360 LBS WITH PRESSURE ON, 340 LBS WITH NO PRESSURE
3. OUTER DIAMETER OF PIN CONTACTING ITEM 2 SHOULD BE TURNED DOWN TO 8.9MM
4. CORNER CUT SHOWN IN ABOVE VIEWS ARE ONLY NEEDED ON MIRROR SIDE OF NON-HINGE CLAMPS, CUTS ARE FOR SWING ARM CLEARANCE
5. SETUP PRESSURE SHOWN IN FINAL COLUMN OF TABLE IS PRESSURE THAT ENABLES DESTACO TO GO OVER-CENTER. THESE PRESSURES ARE ONLY USED TO SET THE SPRING FORCE ADJUSTEMENTS IN ITEMS 3 AND 4

UNLESS OTHERWISE NOTED DIMENSIONS ARE IN MILLIMETERS & TOLERANCES ARE AS FOLLOWS:  
 X.X: ±0.10 mm X.XX: ±0.01 mm  
 ANGLES: ±0.5° FINISH: 3 MICRONS (µm)  
 BREAK ALL SHARP EDGES & CORNERS .25mm MAX



DRAWN: CRATLIFF  
 CHECKED: CABAK  
 DESIGNED: RATLIFF  
 ENGINEER: RATLIFF/WARD  
 SW DOCUMENT FILE: 872-LM2242.SLDPRT

2/2/17  
 KECK 1 DEPLOYABLE TERTIARY MIRROR  
 STOW AND DEPLOY SYSTEM  
 NON-HINGE CLAMP ASSEMBLY  
 PROJECT CODE: K1DM3  
 DWG NO: 872-LM2242  
 QUANTITY: BOM  
 REV: C

MATERIAL: PARTS LIST

FINISH:

QUANTITY: BOM

PROJECT CODE: K1DM3  
 NEXT ASSY: NEXT ASSY

DWG NO: 872-LM2242  
 REV: C