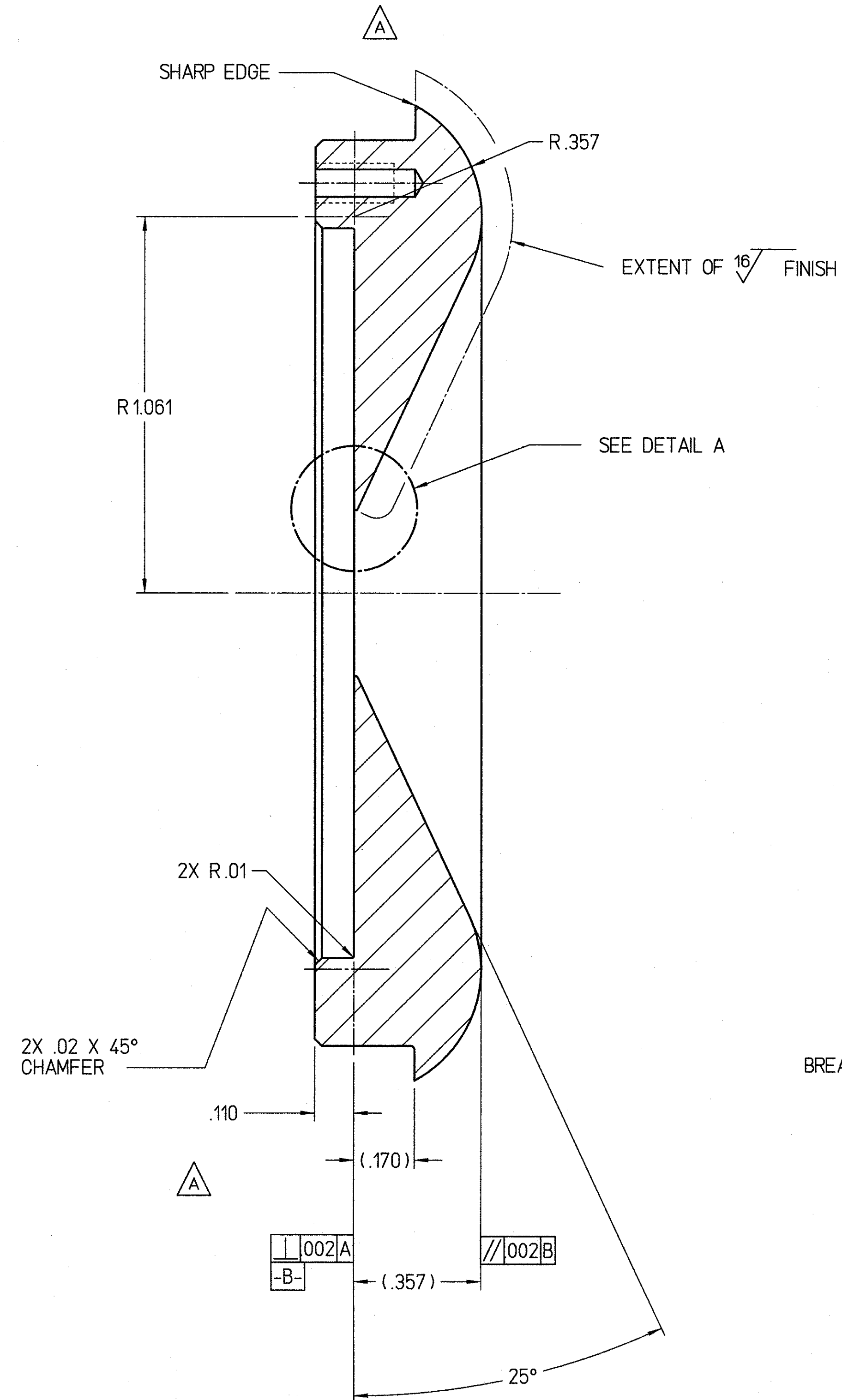
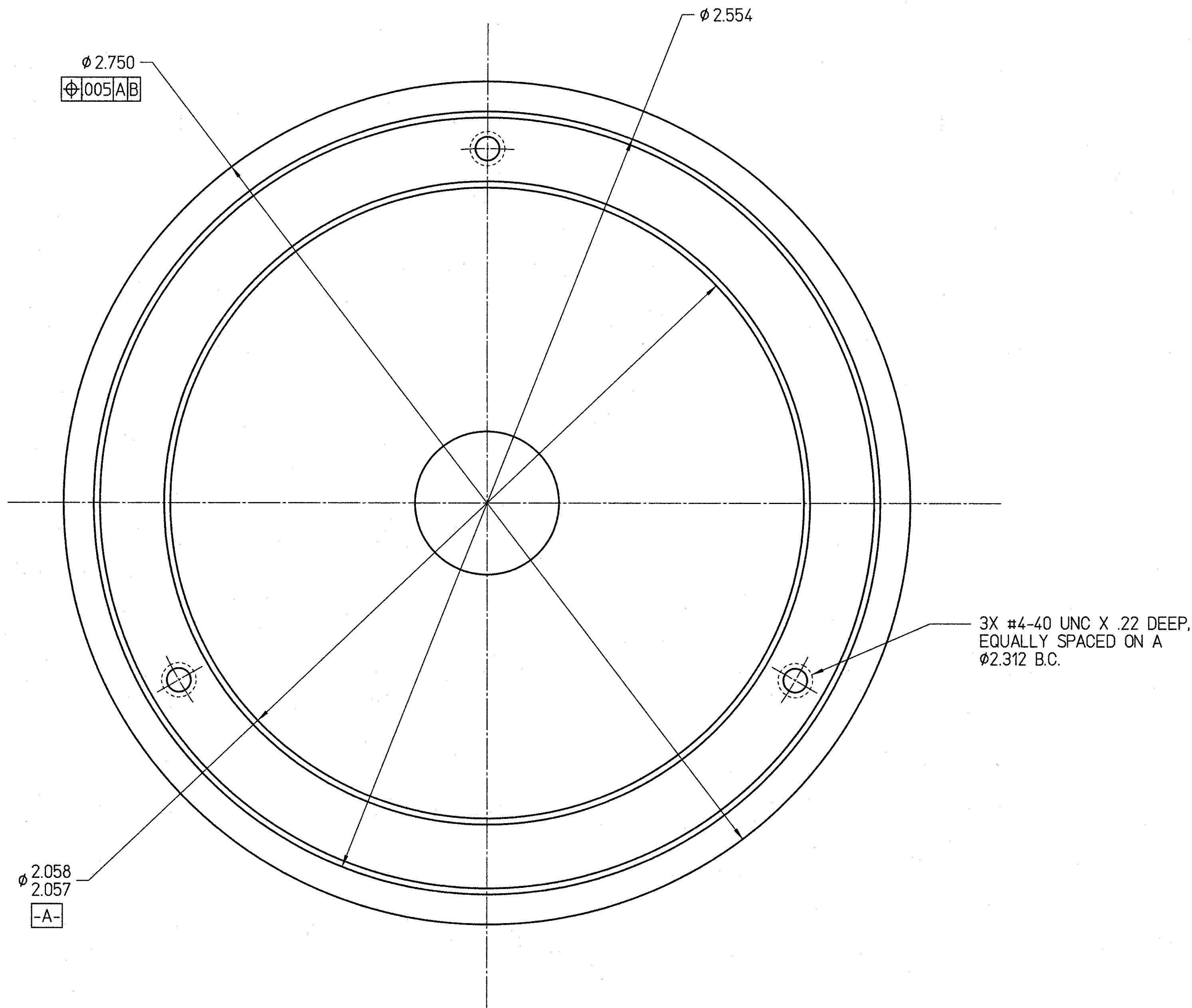


REVISION HISTORY				
ZONE	REV	DESCRIPTION	DATE	APPROVED
ALL	A	REMOVED UNDERCUT FROM O.D.	3/12/12	<i>[Signature]</i>



NOTES:

- USE THE FOLLOWING JLAB SPECIFICATIONS
FABRICATION OF ULTRA HIGH VACUUM EQUIPMENT: #22631-S-001
CLEANING AND HANDLING OF U.H.V. COMPONENTS: #22632-S-001
- MATERIAL SHALL BE SINGLE GRAIN OR FINE GRAIN NIOBIUM.
- AFTER FINAL MACHINING, BCP ITEM. CHEMICAL ETCHING ALLOWANCE IS .004 PER SURFACE.

DETAIL A
NOT TO SCALE

QTY REQD	ITEM NO.	PART OR IDENTIFYING NO.	NOMENCLATURE OR DESCRIPTION	MATERIAL SPECIFICATION	NOTES
PARTS LIST					
DOCUMENT CONTROL STAMP		DIM & TOL PER ASME Y14.5 UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ARE: FRACTIONS DECIMAL ANGLES		TRACKING NO. N/A	
MATERIAL SEE NOTES		THIRD ANGLE PROJECTION		U.S. Department of Energy Office of Science	
FINISH MACHINED SURFACES DEBURR & BREAK ALL SHARP EDGES		UNLESS OTHERWISE NOTED			
DO NOT SCALE DRAWING				ACC INJECTOR LOAD LOCK GUN ELECTRODE FRONT END OPERATED BY Jefferson Science Associates, LLC	
		APPROVALS		DATE	
		DRAWN D. MACHIE		08FEB12	
		CHECKED B. MATT POELKER		2/17/12	
		APPROVED B. MATT POELKER		2/17/12	
		APPROVED J. HANSKNECHT		2/17/12	
		SCALE 4:1		DWG. NO. ACC-200-3000-0461	
		USED ON ASSY NO. ACC-200-3000-0464		SHEET 1 OF 1	