

SEE SHEET 2 FOR VIEW OF  
DIN AND TOOL ACCESS VERSIONS

REVISION HISTORY			
REV	DATE	BY	DESCRIPTION
1	20APR2023	APA/VK	PRN: P2023-0690

PART NUMBER : H3-50- A LL - S FF

LATCH SUB-ASSEMBLY

GRIP

SEE GRIP TABLE  
ON SHEET 2  
FOR AVAILABLE  
GRIPS AND CAM  
PARTS NUMBERS

ASSEMBLY FINISH:  
44 = SATIN CHROME  
50 = BLACK POWDER COAT

DUST COVER (DIN ONLY)  
1 = WITH COVER  
6 = WITHOUT COVER

PADLOCK/SERIES:  
1 = NO PADLOCK,  
MULTIPOINT,  
GEARBOX  
2 = PADLOCK,  
MULTIPOINT,  
GEARBOX  
3, 4 = COVERED IN  
J-H3-50-301-0  
OR  
J-H3-50-301-1

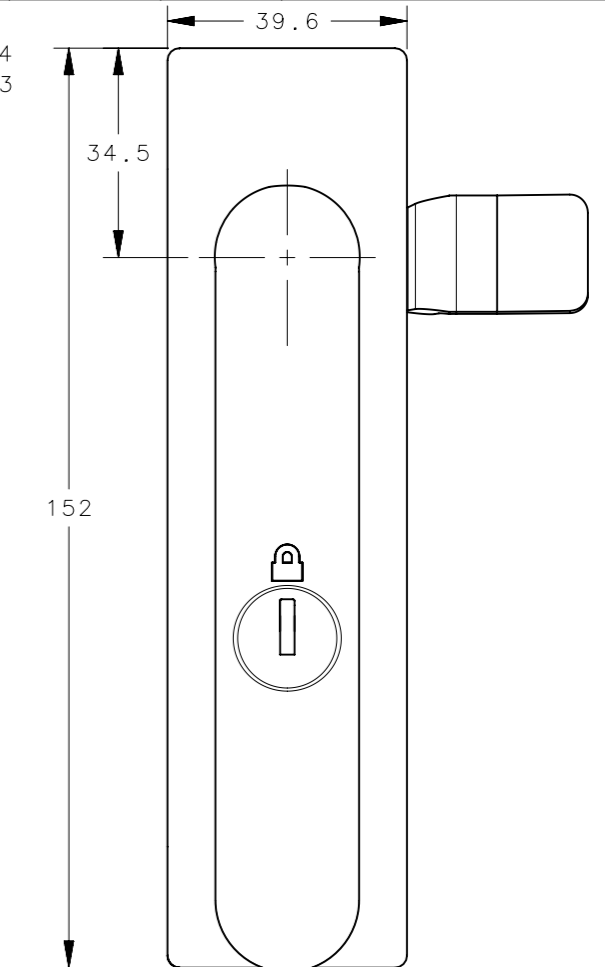
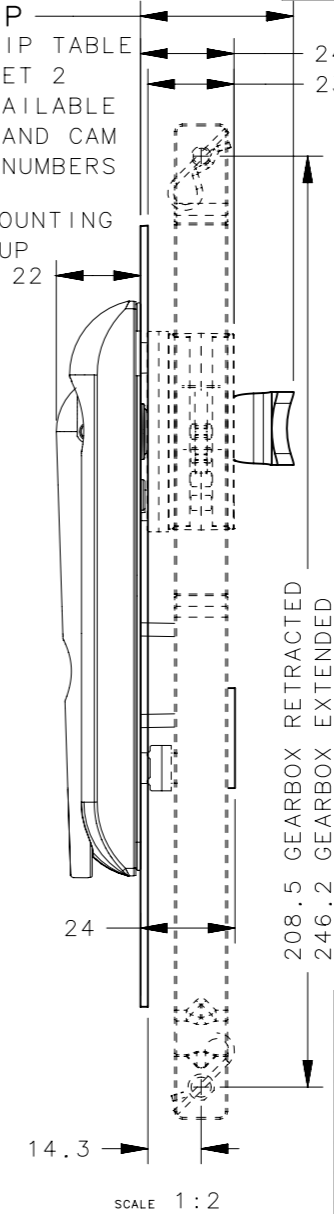
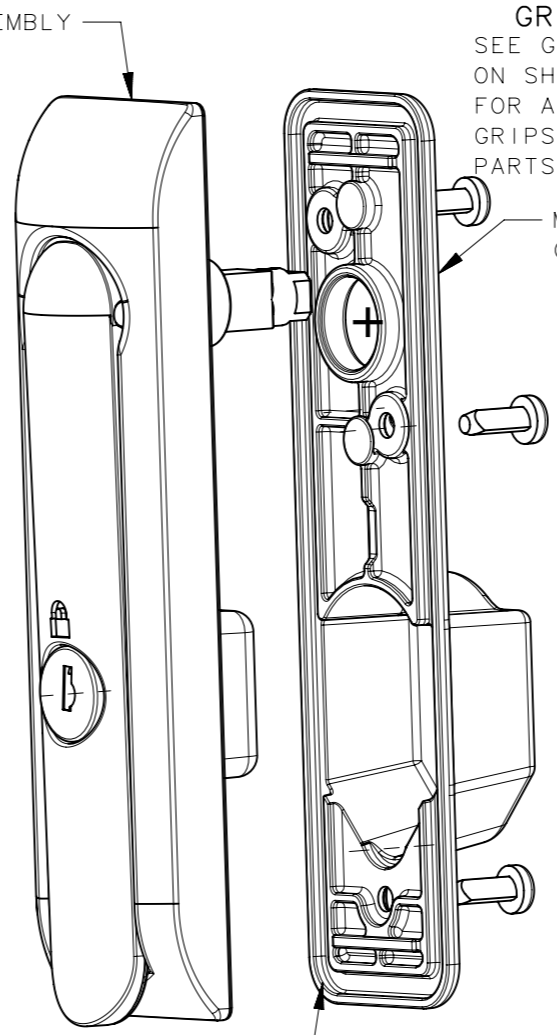
LOCKING OPTION:  
00 = NO LOCK PROVIDED (DIN ONLY)  
01 = CH751      05 = LS001  
02 = 300        06 = LS002  
03 = 333        07 = LS003  
04 = NON LOCKING  
20 = NON LOCKING DIN WITH DETENT  
21 = DIN CH751  
22 = DIN 300  
23 = DIN 333  
24 = DIN, W/O LOCKPLUG

40 = TOOL, 3mm DOUBLE BIT  
41 = TOOL, 5mm DOUBLE BIT  
42 = TOOL, TELCORDIA 216 (BELLCORE)  
43 = TOOL, ELECTRONICS KEY  
47 = TOOL, 8mm TRIANGLE

70 = DIN TOOL, 3mm DOUBLE BIT  
71 = DIN TOOL, 5mm DOUBLE BIT  
72 = DIN TOOL, TELCORDIA 216  
73 = DIN TOOL, ELECTRONICS KEY  
77 = DIN TOOL, 8mm TRIANGLE  
78 = DIN TOOL, 7mm SQUARE

OTHER AVAILABLE UPON REQUEST

GRIP TABLE CAM PART No. E5-61YY			
YY	GRIP	YY	GRIP
09	24.9	16	38.9
10	26.9	17	40.9
11	28.9	18	42.9
12	30.9	19	44.9
13	32.9	20	46.9
14	34.9	21	48.9
15	36.9	22	50.9

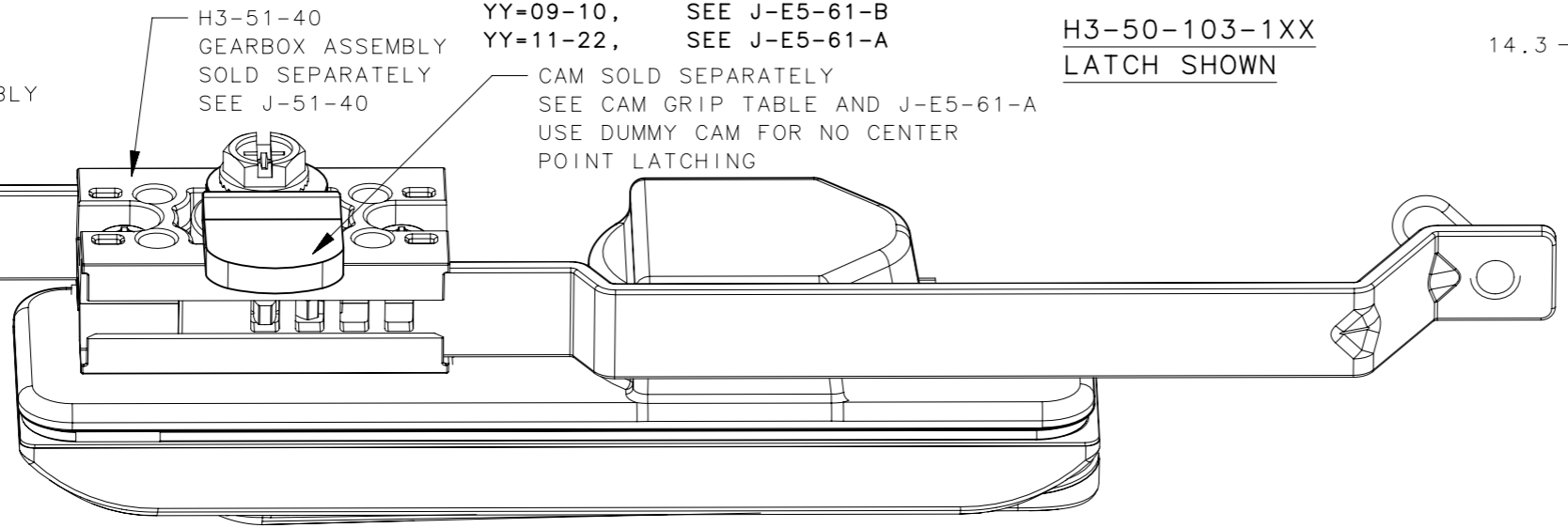


SCREW O-RINGS	BUNA-N	NATURAL/BLACK
SHAFT O-RINGS	BUNA-N	NATURAL/BLACK
RETAINER	STAINLESS	PASSIVATED
PADLOCK HASP	STAINLESS	PASSIVATED
PAWL SPRING	STAINLESS	PASSIVATED
HANDLE PIN	STAINLESS	PASSIVATED
M4x0.7 SCREW	STAINLESS	PASSIVATED
CAM SCREW	STAINLESS	PASSIVATED
DUMMY CAM	STEEL	ZINC PLATE
DISC SPRING	STEEL	ZINC PLATE
HANDLE COVER	STEEL	ZINC PLATE
HANDLE BUMPER	BUNA-N	NATURAL/BLACK
DIN DUST COVER	SANTOPRENE	NATURAL/BLACK
PANEL GASKETS	SANTOPRENE	NATURAL/BLACK
DIN LOCK ASSY	ZAMAC 3	CHROME PLATE
LOCK PLUG	ZAMAC 3	
LOCKING PAWL	ZAMAC 3	NATURAL
SHAFT	ZAMAC 3	NATURAL
TOOL ACTUATOR	ZAMAC 3	BLACK POWDERCOAT
MOUNTING CUP	ZAMAC 3	BLACK POWDERCOAT
HOUSING	ZAMAC 3	BLACK POWDERCOAT
HANDLE	ZAMAC 3	BLACK POWDERCOAT
DESCRIPTION	MATERIAL	FINISH/COLOR

YY=09-10, SEE J-E5-61-B  
YY=11-22, SEE J-E5-61-A  
CAM SOLD SEPARATELY  
SEE CAM GRIP TABLE AND J-E5-61-A  
USE DUMMY CAM FOR NO CENTER  
POINT LATCHING

H3-50-103-1XX  
LATCH SHOWN

A5-92-201-XX  
ADAPTER SUB-ASSEMBLY  
SOLD SEPARATELY  
SEE J-A5-92-201



SEE J-A5-90  
FOR ROD SYSTEMS

H3-50-103-1XX SHOWN WITH RODS,  
CAM AND STANDARD GEARBOX ASSEMBLY

CPB NUMBER	THIRD ANGLE PROJECTION
	MILLIMETERS [IN]
SURFACE AREA	TOLERANCES UNLESS OTHERWISE NOTED
VOLUME	ALL DIMENSIONS WITHOUT TOLERANCES ARE FOR REFERENCE ONLY
PROPRIETARY ITEM	PER ASME Y14.5M-1994
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CONNECT • CREATE • INNOVATE

DESCRIPTION  
SWINGHANDLE LATCH, MULTI POINT, GEARBOX, OUTDOOR, 25X125 SIZE

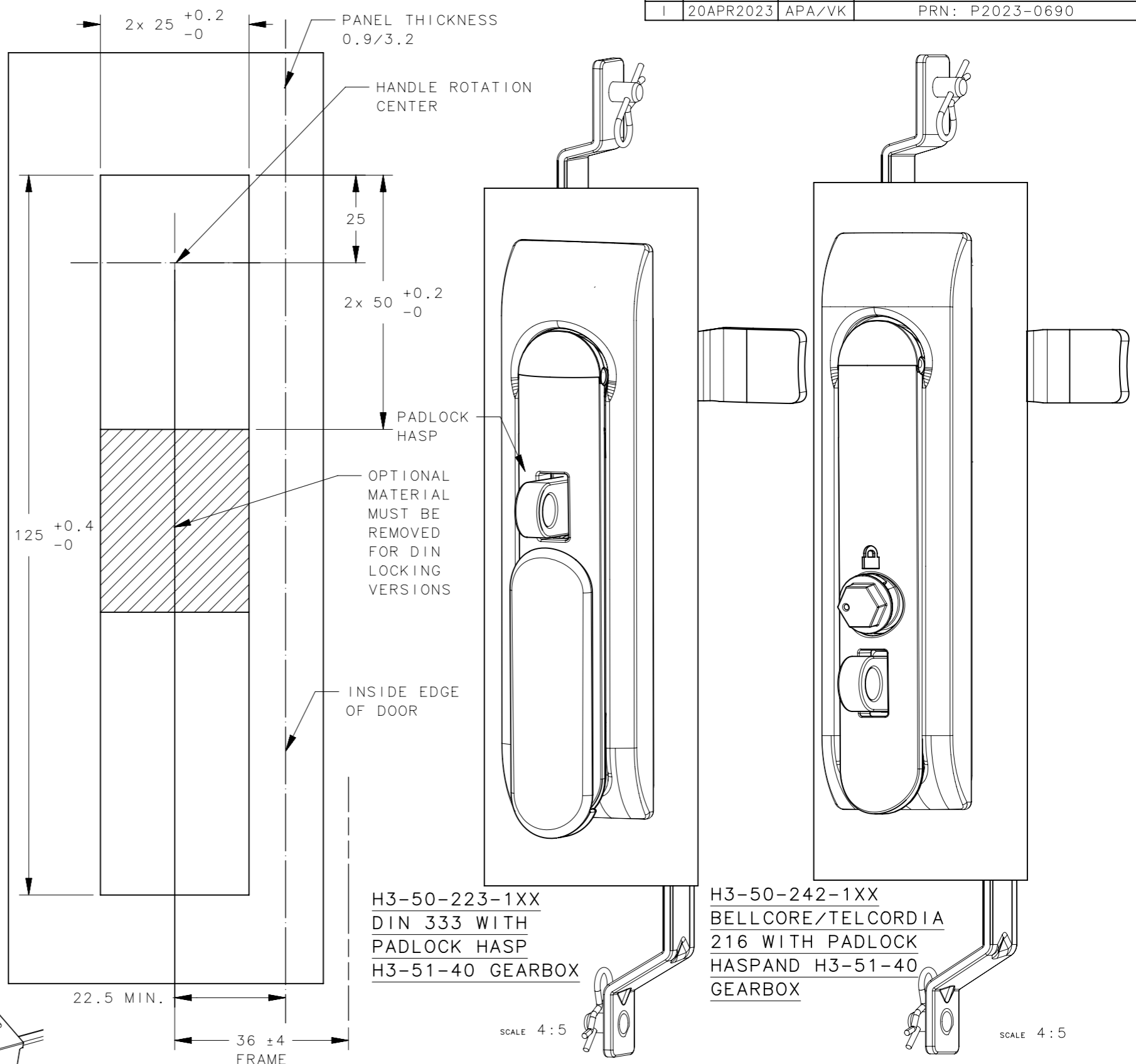
SIZE A3 SYSTEM NX DWG NO. J-H3-50-101-1

DRAWN BY IR/ACH DATE 15MAY2008 SCALE 4:5 SHEET 1 OF 2

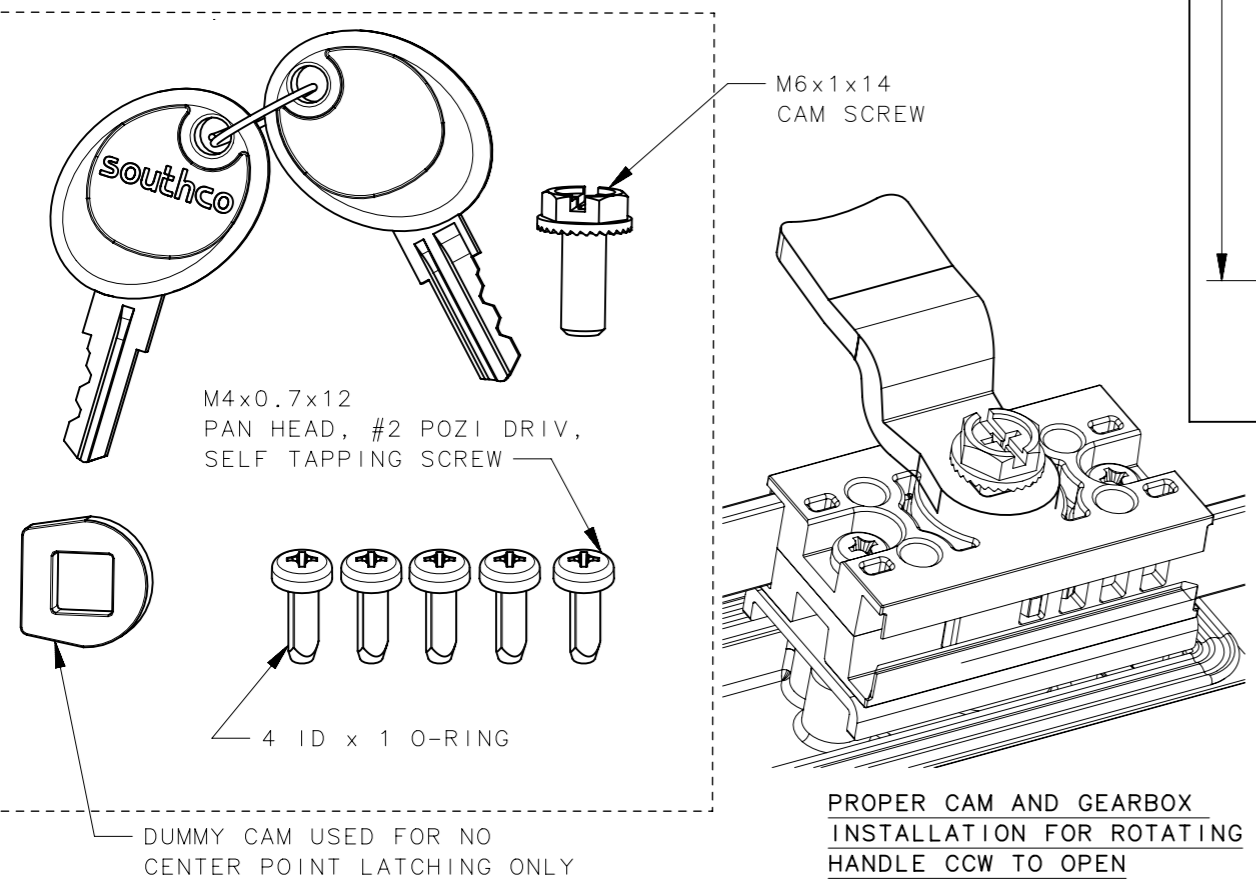
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**PANEL PREPARATION**

- NOTES:**
- ALL LATCH COMPONENTS ARE RoHS COMPLIANT.
  - LATCH INSTALLATION:
    - PREPARE A BURR FREE PANEL OPENING AS SHOWN.
    - INSTALL LATCH SUB-ASSEMBLY FROM THE FRONT SIDE OF THE PANEL AND HOLD IN PLACE.
    - SLIDE THE MOUNTING CUP ONTO THE HANDLE SHAFT.
    - SECURE THE CUP IN PLACE WITH THE THREE M4x0.7x12 SCREW PROVIDED. MAX SCREW TORQUE 1.5N-m
    - PLACE THE GEARBOX ASSEMBLY ONTO HANDLE SHAFT. PLEASE NOTE THAT THE GEARBOX ORIENTATION ALSO SETS THE LATCH OPENING DIRECTION. THE DIRECTION CAN BE EASILY CHANGED FROM CW TO OPEN BY SIMPLY REMOVING THE GEARBOX AND REINSTALLING IT WITH LONG ARM ON THE OPPOSITE SIDE FROM WHAT IS SHOWN. SECURE THE GEARBOX IN PLACE WITH THE TWO M4x0.7x12 SCREW PROVIDED. MAX SCREW TORQUE 1.5N-m
    - PLACE CAM ONTO HANDLE SHAFT. SECURE CAM TO SHAFT USING M6x1x14 SCREW. MAX SCREW TORQUE 2.0 N-m.
    - CYCLE THE LATCH FROM OPEN TO CLOSE TO MAKE SURE EVERYTHING MOVES FREELY.
    - FOR TWO POINT LATCHING (NO CENTER LATCHING), A 'DUMMY CAM' MUST BE USED TO MAINTAIN PROPER ASSEMBLY SPACING.
  - COSMETIC SPECIFICATION: ALL POWDERCOATED SURFACES OR CHROME PLATED SURFACES, UNLESS OTHERWISE NOTED, ARE TO CONFORM TO A CLASS 'B' DESIGNATION. ALL OTHER SURFACES UNLESS OTHERWISE NOTED, ARE TO CONFORM TO A CLASS 'C' DESIGNATION AS DESCRIBED IN SOUTHCO COSMETIC SPECIFICATION:
    - S-121-01 FOR CHROME PLATING
    - S-121-02 FOR ZINC PLATING
    - S-121-03 FOR POWDER COATING
    - S-121-05 FOR STAINLESS STEEL PARTS



**HARDWARE PACK**



CPB NUMBER	THIRD ANGLE PROJECTION	<b>southco</b> CONNECT • CREATE • INNOVATE	
	MILLIMETERS [IN]		
SURFACE AREA	TOLERANCES UNLESS OTHERWISE NOTED	DESCRIPTION SWINGHANDLE LATCH, MULTI POINT, GEARBOX, OUTDOOR, 25X125 SIZE	
VOLUME	ALL DIMENSIONS WITHOUT TOLERANCES ARE FOR REFERENCE ONLY	SIZE A3	SYSTEM NX
PROPRIETARY ITEM	PER ASME Y14.5M-1994	DWG NO. J-H3-50-101-1	DATE 15MAY2008
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			SHEET 2 OF 2