southco

PROPRIETARY ITEM - EXCEPT FOR USES EXPRESSLY GRANTED IN WRITING BY SOUTHCO, DISCLOSURE OF INFORMATION CONTAINED HEREON DOES NOT IMPLY LICENSE UNDER ANY PATENT AND OTHERWISE ARE RESERVED BY SOUTHCO, INC.

LIFT HANDLE ACTUATOR
TOOL OPERATED - 24.0 - 25.5

DRAWING NUMBER: J-M3-40-14-25

DATE	DRAWN	CHKD	SCALE
22JUN99	DLH		.5:1

ALL DIMENSIONS ARE IN MILLIMETERS.

ALL DIMENSIONS WITHOUT TOLERANCES ARE REFERENCE.

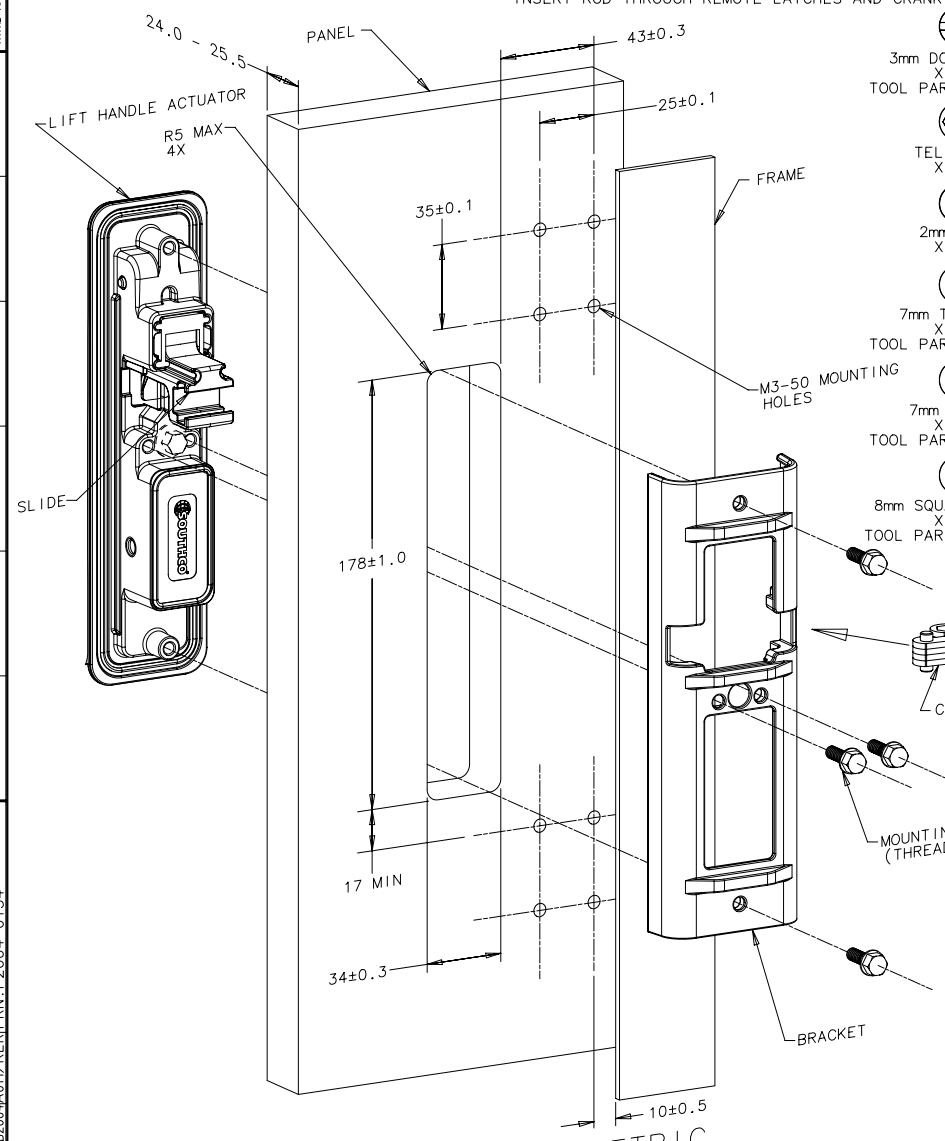
THIRD ANGLE PROJECTION

PAPER SIZE: A3

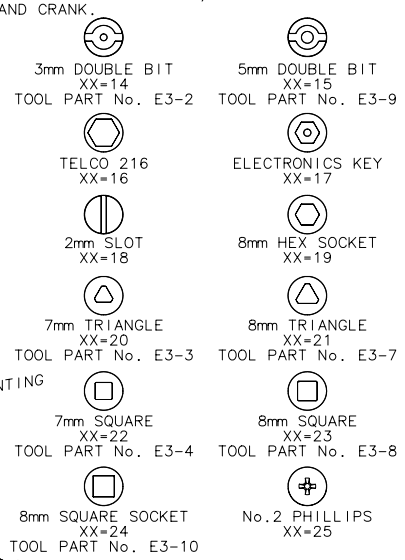
REV.	DATE	DRAWN	REVISION	PART NUMBER	PADLOCK OPTION	SEE TOOL OPERATED STUD DETAILS FOR "XX"
A	23NOV99	DLH	UPDATED TO HARD TOOL PARTS	M3-40-XX0-25	NO	
B	11DEC2000	DLH	PRN:M3-173	M3-40-XX1-25	YES	
C	18JUN2001	AJH	PRN:P2001-0103			
D	31OCT2001	DLH	PRN:P2001-0586			
E	13DEC2001	DLH	PRN:P2001-0704			
F	28DEC2002	AJH/VNJ	PRN:P2002-0882			
G	10FEB2004	AJH/RLR	PRN:P2004-0134			

INSTALLATION INSTRUCTIONS:

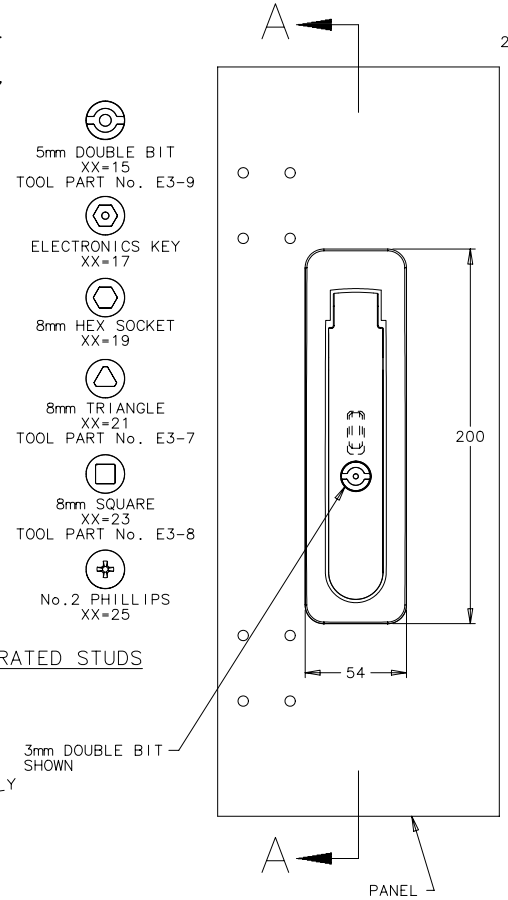
INSERT LIFT HANDLE ACTUATOR INTO PANEL CUTOUT.
POSITION BRACKET ON OPPOSITE SIDE OF PANEL AND FASTEN TO LIFT HANDLE ACTUATOR USING MOUNTING SCREWS.
TIGHTEN MOUNTING SCREWS WITH DRIVER SET TO 3.4 N•m MIN. - 4.5 N•m MAX. TORQUE.
INSERT CRANK INTO SLIDE.
WITH REMOTE LATCHES (NOT SHOWN) IN THE CLOSED POSITION, INSERT ROD THROUGH REMOTE LATCHES AND CRANK.

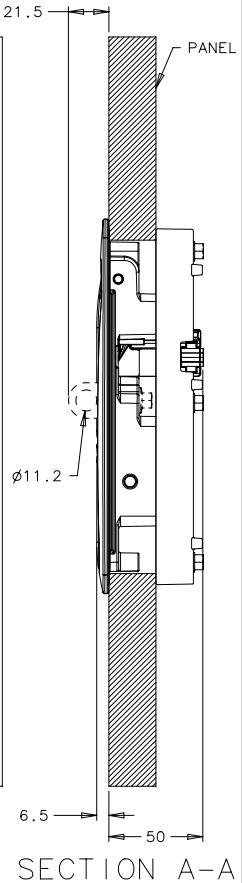


EXPLODED ISOMETRIC



TOOL OPERATED STUDS





SECTION A-A
PANEL SECTIONED ONLY

INSTALLED VIEWS
SCALE .38:1

MATERIAL AND FINISH:

THE LIFT HANDLE ACTUATOR CONSISTS OF:
HOUSING, HANDLE, COVER PLATE, - DIE CAST ZINC, BLACK POWDER COATED, WITH SILICONE AND URETHANE GASKETS
SLIDE - DIE CAST ZINC, ORGANIC COATING
PIVOT PIN OUTER SHELL - 303 STAINLESS STEEL, PASSIVATED
PIVOT PIN INNER SHELL - 303 STAINLESS STEEL, PASSIVATED
CAGE - POLYETHER IMIDE, BLACK
PIVOT PIN SPRING - 302 STAINLESS STEEL, NATURAL
KICK OUT SPRING - 301 STAINLESS STEEL, PASSIVATED
O-RINGS - EPDM, BLACK
HASP - 316 STAINLESS STEEL, RESIN IMPREGNATED
HASP MOUNTING SCREW - STEEL, ZINC PLATE BRIGHT
TOOL OPERATED STUD - DIE CAST ZINC, BLACK POWDER COAT

CRANK ASSEMBLY
CRANK LAMINATE - 304 STAINLESS STEEL, PASSIVATED
CRANK PIN - 300 STAINLESS STEEL, PASSIVATED
CRANK RIVET - STAINLESS STEEL, PASSIVATED

BRACKET - DIE CAST ZINC, BLACK POWDER COATED
MOUNTING SCREWS - STEEL, ZINC PLATE BRIGHT