



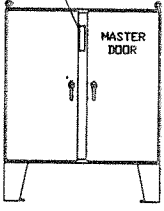
INSTALLATION INSTRUCTIONS

FOR INSTALLATION OF ALLEN-BRADLEY 1494V (VARIABLE DEPTH) MECHANISMS FOR DISCONNECT SWITCHES AND CIRCUIT BREAKERS IN TWO DOOR ENCLOSURES WITH DISCONNECT ON CENTERPOST.

- STEP 1 INSTALL ADAPTER PLATE (ITEM 1) AND PLATE GASKET (ITEM 2) ON THE INSIDE OF THE ENCLOSURE, BEHIND THE RECTANGULAR OPENING PROVIDED IN THE CENTERPOST. SECURE IN PLACE WITH 4 SCREWS (ITEM 3).
- STEP 2 ASSEMBLE THE A-B 1494V-H1 OPERATING HANDLE TO THE MOUNTING PLATE WHICH WAS INSTALLED IN THE ENCLOSURE IN STEP 1. OMIT CAP SCREW AND LOCKWASHER WHICH FITS INTO BOTTOM HOLE OF A-B OPERATING HANDLE. ALSO OMIT A-B SPRING BRACKET WHICH IS NOT REQUIRED.
- STEP 3 CUT 2-1/2 INCHES OFF BOTTOM END OF SLIDE ARM (ITEM 4). BOTTOM END OF SLIDE ARM HAS RECTANGULAR HOLES ONLY.
- STEP 4 INSTALL THE SLIDE ARM (ITEM 4) OVER THE DEFEATER PARTY OF THE A-B OPERATING HANDLE AS SHOWN. NOTE THAT THE NOTCH IN THE SLIDE ARM IS POSITIONED TOWARD THE DOOR OPENING. PLACE THE SMALLER DIAMETER END OF THE SHOULDER COLLAR (ITEM 7) THROUGH THE OVAL SLOT IN THE SLIDE ARM. INSTALL LONG CAP SCREW (ITEM 6) WITH LOCKWASHER (ITEM 7) THROUGH SHOULDER COLLAR INTO THE BOTTOM MOUNTING HOLE OF THE A-B OPERATING HANDLE AND TIGHTEN. THE SLIDE ARM SHOULD MOVE UP AND DOWN SMOOTHLY. INSTALL A-B DEFEATER BRACKET PER A-B INSTRUCTIONS.
- STEP 5 ATTACH THE BOTTOM OF THE SLIDE ARM (ITEM 4) TO THE OFFSET ARM AS SHOWN. USE TWO FLAT WASHERS (ITEM 8), TWO LOCKWASHERS (ITEM 9), AND TWO HEX NUTS (ITEM 10). DO NOT TIGHTEN UNTIL PARTS ARE ADJUSTED.
- STEP 6 ADJUST THE LENGTH OF THE SLIDE ARM ASSEMBLY. WITH PROPER ADJUSTMENT OF THE SLIDE ARM, THE SAFETY LOCK ON A-B OPERATING HANDLE SHOULD RELEASE JUST BEFORE THE MASTER DOOR IS FULLY LATCHED. LENGTHEN SLIDE ARM IF SAFETY LOCK RELEASES TOO SOON. SHORTEN SLIDE ARM IF SAFETY LOCK RELEASES TOO LATE.

- STEP 7 ATTACH THE DOOR CATCH (ITEM 11), TO THE TAPPED SPACER ON THE DOOR USING THE BOTTOM SET OF MOUNTING HOLES. USE TWO SCREWS (ITEM 12) AND LOCKWASHERS (ITEM 13). THE DOOR CATCH PREVENTS THE DOOR FROM BEING OPENED WHEN THE A-B OPERATING HANDLE IS IN THE "ON" POSITION. THE DOOR CATCH MAY BE ADJUSTED UP OR DOWN TO HOOK PROPERLY ON THE DEFEATER BRACKET. THE DOOR CATCH (ITEM 11) MUST BE POSITIONED SO IT JUST CLEARS THE TOP OF THE DEFEATER BRACKET WHEN THE A-B OPERATING HANDLE IS IN EXTREME "OFF" POSITION.
 - STEP 8 DRILL AND TAP HOLES IN PANEL AS SHOWN IN DIAGRAM AND TABLE. SEE ALLEN-BRADLEY INSTRUCTIONS FOR LOCATING HOLES FOR FUSE BLOCKS.
 - STEP 9 INSTALL PANEL ON COLLAR STUDS IN ENCLOSURE.
 - STEP 10 MOUNT DISCONNECT SWITCH OR CIRCUIT BREAKER ON PANEL USING ALLEN-BRADLEY INSTRUCTIONS AND PARTS. FIND LENGTH-DIMENSION "X" FROM TABLE-AND CUT THE A-B CONNECTING ROD TO LENGTH REQUIRED FOR 12-1/8 OR 18-1/8 DEEP ENCLOSURES. INSTALL AND ADJUST A-B CONNECTING ROD PER A-B INSTRUCTIONS. ATTACH A-B HANDLE RETURN SPRING BETWEEN CONNECTING LINE ON A-B OPERATING HANDLE AND HOLE PROVIDED IN WIEGMANN ADAPTER PLATE AS SHOWN.
- NOTE: THE OPTIONAL A-B CHANNEL SUPPORT 1494V-H4 IS RECOMMENDED WHEN INSTALLING DISCONNECTS IN 72-1/8 HIGH ENCLOSURES. SOME OF THE ITEMS IN THIS KIT ARE NOT REQUIRED WHEN USED ON WIEGMANN ENCLOSURES. THIS KIT IS NOT REQUIRED FOR 200 AMP DISCONNECT SWITCHES.
- THE 200 AMP DISCONNECT SWITCH AND A-B 1494V-H2 OPERATING HANDLE REQUIRE DIFFERENT INSTALLATION PROCEDURE. OMIT STEPS 1, 2, AND 4 ON THIS INSTRUCTION SHEET AND FOLLOW STEPS SHOWN ON SUPPLEMENTARY INSTRUCTION SHEET.

THIS INSTRUCTION SHEET IS FOR DISCONNECT ON CENTERPOST.

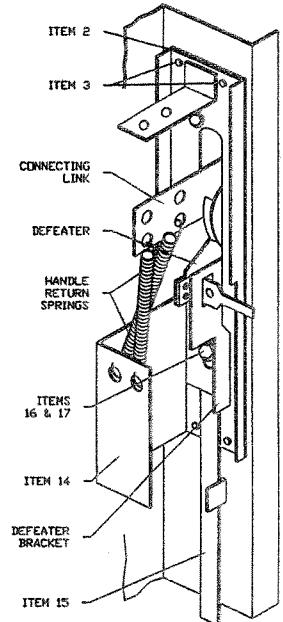


ENCLOSURE CATALOG NUMBERS

- V460CPX4812 V472CPX6012
- V460CPX6012 V472CPX7212
- V460CPX7212 V472CPX718

FOR INSTALLATION OF ALLEN-BRADLEY 200 AMP DISCONNECT 1494V-DS200, 400 AMP DISCONNECT 1494V-DS400, AND OPERATING HANDLE 1494V-H2

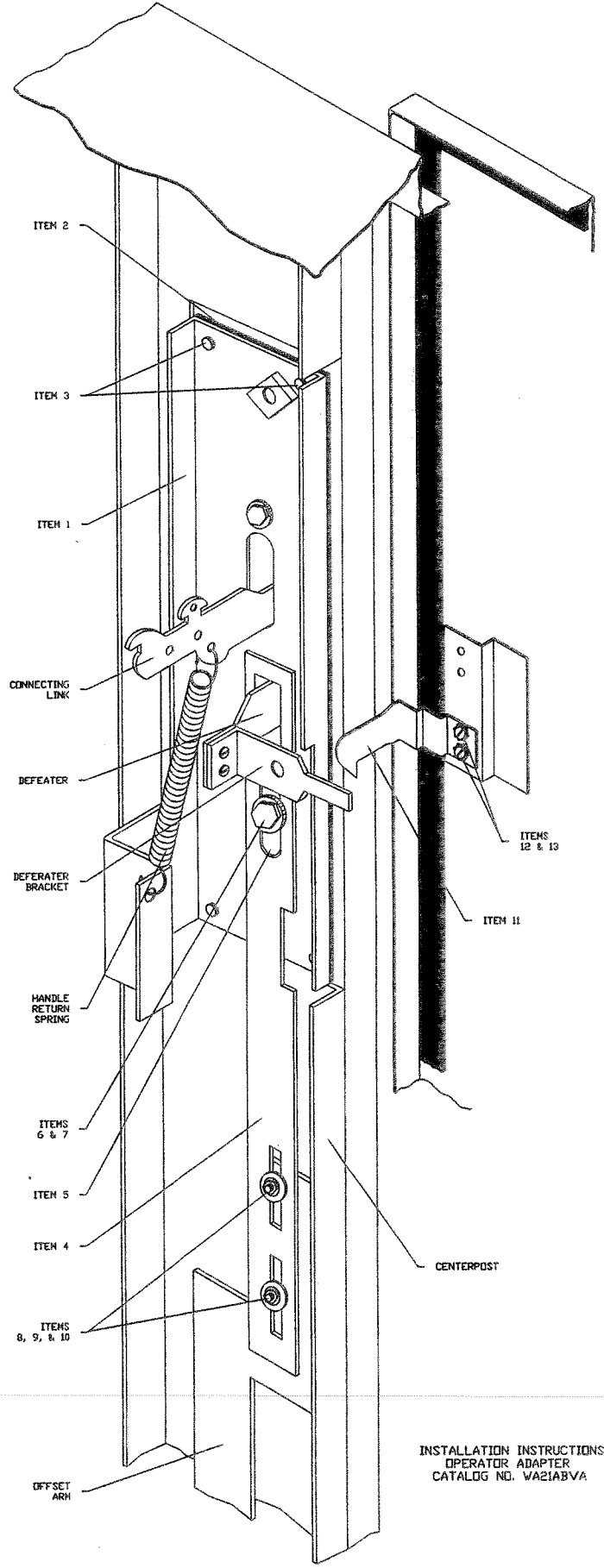
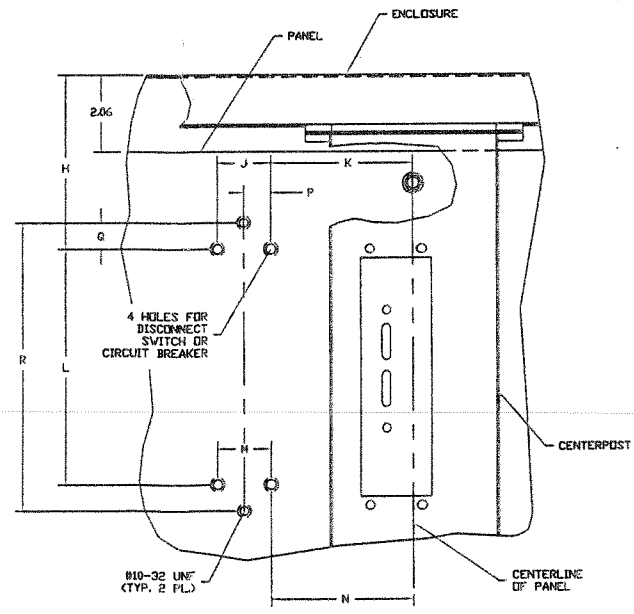
- STEP 1 INSTALL ADAPTER PLATE (ITEM 14) AND PLATE GASKET (ITEM 2) ON THE INSIDE OF THE ENCLOSURE, BEHIND THE RECTANGULAR OPENING PROVIDED. SECURE IN PLACE WITH 4 SCREWS (ITEM 3).
 - STEP 2 ASSEMBLE THE A-B 1494V-H2 OPERATING HANDLE TO THE ADAPTER PLATE WHICH WAS INSTALLED IN STEP 1. OMIT CAP SCREW AND LOCKWASHER WHICH FITS INTO BOTTOM HOLE OF A-B OPERATING HANDLE. ALSO OMIT A-B SPRING BRACKET WHICH IS NOT REQUIRED.
 - STEP 3 INSTALL A-B DEFEATER BRACKET. SEE A-B INSTRUCTIONS. THEN INSTALL SLIDE ARM (ITEM 15) OVER END OF DEFEATER BRACKET. PLACE THE SMALLER DIAMETER END OF 3/4 DIAMETER SHOULDER COLLAR (ITEM 16) THRU OVAL SLOT IN SLIDE ARM. INSTALL LONGER CAP SCREW (ITEM 17) WITH LOCKWASHER THRU SHOULDER COLLAR INTO BOTTOM MOUNTING HOLE OF A-B OPERATING HANDLE AND TIGHTEN. THE SLIDE ARM SHOULD MOVE UP AND DOWN SMOOTHLY.
- PROCEED WITH STEPS LISTED ON OTHER INSTALLATION INSTRUCTION TO COMPLETE ASSEMBLY OF DISCONNECT AND MECHANISM.



PARTS LIST		
OPERATOR ADAPTER CAT. NO. W421B1VA FOR ALLEN-BRADLEY BULLETIN 1494V DISCONNECTS IN WIEGMANN ENCLOSURES.		
ITEM NO.	PART NAME	QTY.
1.	ADAPTER PLATE, A-B 1494-H1	1
2.	GASKET, PLATE	1
3.	SCREW, 1/4-20 X 1/2 PAN HD	4
4.	SLIDE ARM, FLAT	1
5.	SHOULDER COLLAR, 3/8 DIA.	1
6.	SCREW, 1/4-20 X 7/8 HEX HD	1
7.	LOCKWASHER, 1/4 SPRING	1
8.	WASHER, FLAT	2
9.	LOCKWASHER, 1/4 INT.	2
10.	NUT, 1/4-20 HEX	2
11.	DOOR CATCH	1
12.	SCREW, #10-32 X 3/8 PAN HD	2
13.	LOCKWASHER, #10 INT.	2
14.	ADAPTER PLATE, A-B 1494V-H2	1
15.	SLIDE ARM, ASSEMBLY	1
16.	SHOULDER COLLAR, 3/4 DIA.	1
17.	SCREW 5/16-10 X 1 HEX HEAD	1

ALLEN-BRADLEY BULLETIN 1494V DISCONNECT OR OPERATOR FOR CIRCUIT BREAKER	ENCLOSURE HEIGHT		CONNECTING ROD LENGTH														
												FOR 12.12 DEEP		FOR 18.12 DEEP		FOR 24.12 DEEP	
	60.12"	70.12"	H	H	J	K	L	M	N	P	Q	R	HOLE SIZE	S	S	S	
1494V-DS30 (30 AMP) 1494V-DS60 (60 AMP) 1494V-DS100 (100 A/SERIES B)	3.97	9.47	1.97	4.06	4.33	3.94	3.06	-	-	-	-	.159 # #10-32 UNF	7.69	13.69	19.69		
1494V-DS200 (200A/SERIES B)	2.84	8.34	2.36	4.44	4.92	4.72	3.94	-	-	-	-	.201 # 1/4-20 UNC	7.38	13.38	19.38		
1494V-H40 FOR 15-150 AMP G.E.	6.09	11.59	1.38	2.72	4.88	1.38	2.72	-	-	-	-	.136 # #8-32 UNF	7.94	13.94	19.94		
1494V-H40 FOR 15-150 AMP WEST	6.09	11.59	1.38	2.72	4.50	1.38	2.72	-	-	-	-	.136 # #8-32 UNF	7.94	13.94	19.94		
1494V-H50 FOR 15-150 AMP WEST	6.62	12.12	1.38	2.89	7.25	1.38	2.89	.69	2.03	10.62	-	.201 # 1/4-20 UNC	7.53	13.53	19.53		
1494V-H60 FOR 70-400 AMP WEST	-	11.06	1.72	3.42	8.44	1.72	3.42	.86	1.16	10.75	-	.201 # 1/4-20 UNC	7.66	13.66	19.66		

NOTE: REFER TO ALLEN-BRADLEY INSTRUCTIONS FOR LOCATING FUSE BLOCKS.



INSTALLATION INSTRUCTIONS OPERATOR ADAPTER CATALOG NO. W421B1VA