



33016

INSTALLATION INSTRUCTIONS FOR CAT. NO. WA-21GETDA FOR INSTALLATION OF GENERAL ELECTRIC TYPE TDA (VARIABLE DEPTH) MECHANISMS FOR DISCONNECT SWITCHES AND CIRCUIT BREAKERS IN WIEGMANN TWO DOOR ENCLOSURES WITH DISCONNECT ON RIGHT FLANGE

STEP 1 INSTALL ADAPTER PLATE (ITEM 1) 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 G.E. TDA1 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 G.E. OPERATING HANDLE. ALSO OMIT G.E. STIFFENING BRACKET WHICH IS NOT REQUIRED.

STEP 3 INSTALL THE SLIDE ARM (ITEM 4) OVER THE INTERLOCK PART OF THE G.E. 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 5) 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 G.E. OPERATING HANDLE AND TIGHTEN. THE SLIDE ARM SHOULD MOVE UP AND DOWN SMOOTHLY. INSTALL G.E. INTERLOCK BLADE PER G.E. INSTRUCTIONS.

STEP 4 ATTACH THE BOTTOM OF THE SLIDE ARM (ITEM 4) TO THE OFFSET ARM OF THE LOCK RELEASE MECHANISM. USE TWO FLAT WASHERS, (ITEM 8) TWO LOCKWASHERS (ITEM 9), AND TWO HEX NUTS (ITEM 10). DO NOT TIGHTEN UNTIL PARTS ARE ADJUSTED. (SEE STEP 5B).

STEP 5 THE HANDLE SAFETY LOCK RELEASE MECHANISM IS ADJUSTABLE IN TWO PLACES.

(A) CHECK THE ADJUSTMENT OF THE FACTORY INSTALLED ROLLER BRACKET. THE DOOR LATCH SHOULD HIT AGAINST THE LATCH STOP PORTION OF THE ROLLER BRACKET WHEN THE DOOR IS CLOSED AND LATCHED. ADJUST UP OR DOWN IF NECESSARY. THE ATTACHED MECHANISM WILL THEN PROVIDE THE NECESSARY UP-DOWN MOTION REQUIRED TO OPERATE THE RELEASE MECHANISM IN THE G.E. OPERATING HANDLE.

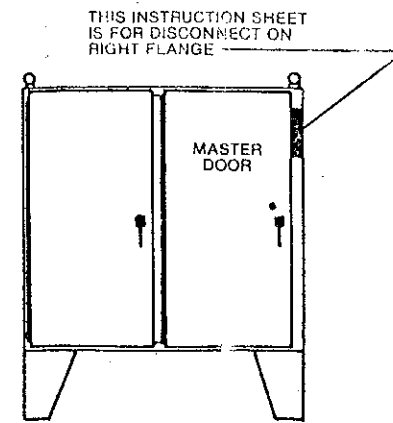
(B) ADJUST THE LENGTH OF THE SLIDE ARM ASSEMBLY. WITH PROPER ADJUSTMENT OF THE SLIDE ARM, THE SAFETY LOCK (IN G.E. OPERATING HANDLE) SHOULD RELEASE JUST BEFORE THE MASTER DOOR IS FULLY LATCHED. LENGTHEN SLIDE ARM IF SAFETY LOCK RELEASES TOO SOON. SHORTEN SLIDE ARM IF SAFETY LOCK RELEASES TOO LATE.

STEP 6 ATTACH THE DOOR CATCH (ITEM 11), PROVIDED BY WIEGMANN, 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 G.E. OPERATING HANDLE IS IN THE "ON" POSITION. THE DOOR CATCH MAY BE ADJUSTED UP OR DOWN TO HOOK PROPERLY ON THE INTERLOCK BLADE. THE DOOR CATCH (ITEM 11) MUST BE POSITIONED SO IT JUST CLEARS THE TOP OF THE INTERLOCK BLADE WHEN THE G.E. OPERATING HANDLE IS IN EXTREME "OFF" POSITION.

STEP 7 DRILL AND TAP HOLES IN PANEL AS SHOWN IN THE DIAGRAM AND TABLE. SEE GENERAL ELECTRIC INSTRUCTIONS FOR LOCATING HOLES FOR FUSE BLOCKS FOR 200 AMP SWITCHES.

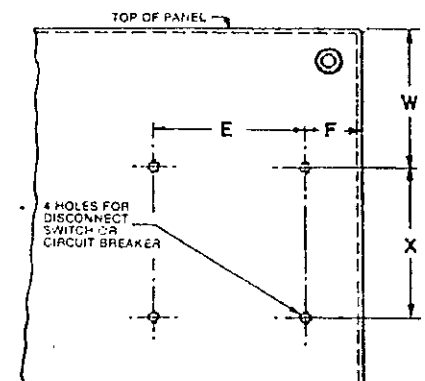
STEP 8 INSTALL PANEL IN ENCLOSURE

STEP 9 MOUNT DISCONNECT SWITCH OR CIRCUIT BREAKER AND OPERATING MECHANISM ON PANEL USING GENERAL ELECTRIC INSTRUCTIONS AND PARTS. SEE TABLE BELOW FOR ENCLOSURE "D" DIMENSION. USE "D" TO DETERMINE CONNECTING ROD LENGTH PER G.E. INSTRUCTIONS. INSTALL, AND ADJUST G.E. DRIVE ROD PER G.E. INSTRUCTIONS. ATTACH G.E. HANDLE RETURN SPRING BETWEEN DRIVE LINK ON G.E. OPERATING HANDLE AND HOLE PROVIDED IN WIEGMANN ADAPTER PLATE AS SHOWN.

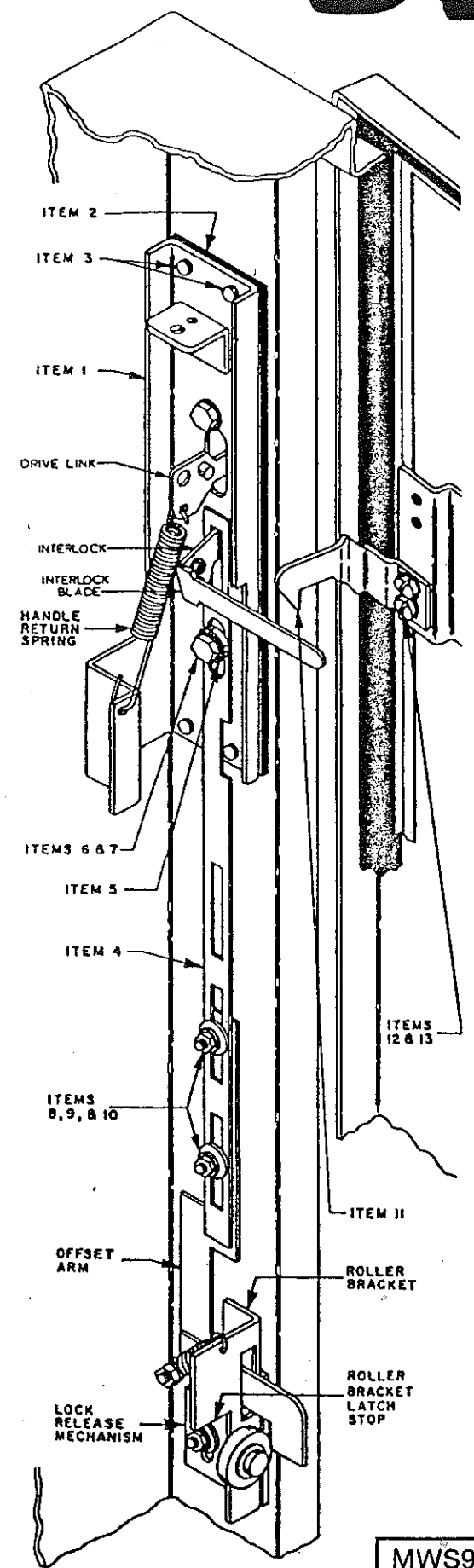


ENCLOSURE CAT. NO'S.

WA-60X4912	WA-72X7312
WA-60X6112	WA-72X6118
WA-60X4918	WA-72X7318
WA-60X6118	WA-72X7324
WA-72X6112	



* TDOM2 REQUIRES 6 MOUNTING HOLES. SEE G.E. INSTRUCTIONS



PARTS LIST
OPERATOR ADAPTER CAT. NO. WA-21GETDA
FOR GENERAL ELECTRIC DISCONNECTS
IN WIEGMANN ENCLOSURES

ITEM NO.	PART NAME	QTY.
1	Adapter Plate, G.E.	1
2	Gasket, Plate	1
3	Screw, 1/4-20 x 1/2 Pan Hd	4
4	Slide Arm, Flat	1
5	Shoulder Collar, 5/8 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

GENERAL ELECTRIC DISCONNECT SWITCH	OPERATING MECHANISM	ENCLOSURE HEIGHT						TAPPED HOLE SIZE
		60 1/8 W	72 1/8 W	X	E	F		
30 AMP FUSED 60 AMP OR 100 AMP UNFUSED	TDOMIA OR TDOMIB	4 3/16	9 11/16	6 3/4	3	7/8		10-32
200 AMP UNFUSED	TDOM2	4 3/16	9 11/16	7 1/4	7	13/16		1/4-20
CIRCUIT BREAKERS								
150 AMP TEB, TED 150 AMP TBI 150 AMP TEL 150 AMP TCHLI	TDOMIA TDOMIB TDOMIC TDOMID	4 3/16	9 11/16	6 3/4	3	7/8		10-32
225 AMP TFJ, TFK, TFL	TDOM3	4 3/16	9 11/16	10 7/8	2 3/4	1 13/16		1/4-20
400 AMP J FRAME 600 AMP	TDOM4	N/A	9 1/16	8 5/8	5 1/2	1 3/4		1/4-20
400 AMP TB4	TDOM5	N/A	9 1/16	14 5/8	5 1/2	1 3/4		1/4-20
225 AMP TLB2, THLC2 600 AMP TLB4, THLC4	TDOM6	N/A	5 5/16	16 3/4	5 1/2	1 3/4		1/4-20

ENCLOSURE DEPTH DIM.
D=10 11/16 WHEN ENCL. IS 12 1/8 DEEP
D=16 11/16 WHEN ENCL. IS 18 1/8 DEEP
* D=22 11/16 WHEN ENCL. IS 24 1/8 DEEP

D=DISTANCE FROM ADAPTER PLATE TO PANEL SURFACE
* AN EXTENDED LENGTH DRIVE ROD (G.E. CAT. NO. TDSR) IS REQUIRED, TWO RODS ARE REQUIRED FOR TDOM 4,5,6

MWS923731A