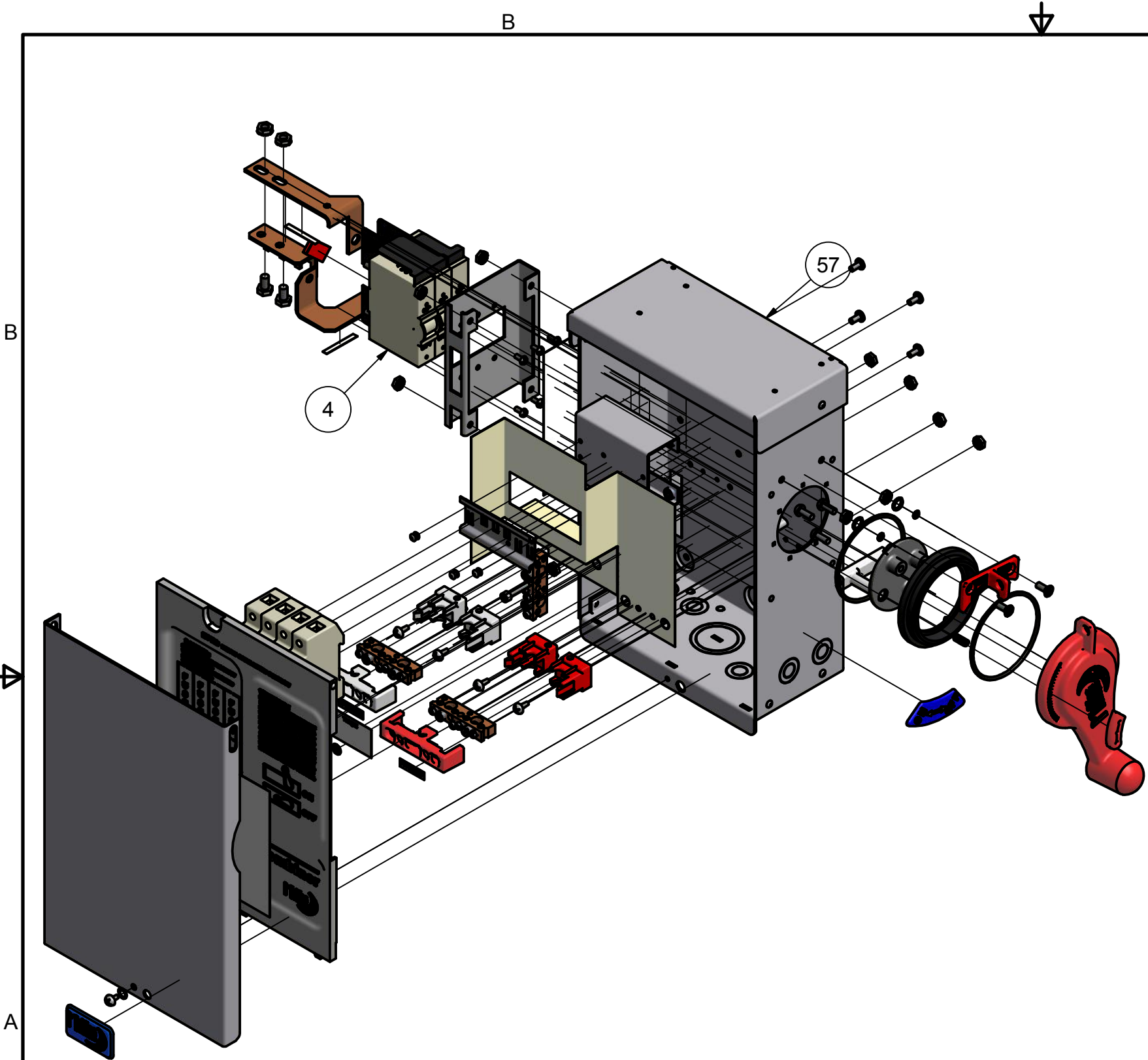




NOTES:

- 1) THERE ARE TWO VERSIONS OF THE MNPV4HV, A BASIC AND DISCO.
THE DISCO HAS MORE OPTIONS. THE ADDITIONAL OPTIONS ARE AS FOLLOWS:
A. BREAKER WITH REMOTE CUTOFF SWITCH, ITEM 4 (9-326-1), 3 POSITION.
THE STANDARD UNIT GETS, 9-324-1, TWO POSITION.
B. 4 EACH STRAIN RELIEFS (ITEMS 40, 41 AND 42). STRAIN RELIEFS ARE NOT
INSTALLED BUT PLACED IN SHIPPING BOX BEFORE SHIPMENT.
C. 15 AMP FUSES AND FUSE HOLDERS, 4 EACH (9-084-1)
D. SURGE PROTECTION DEVICE, MNSPD-600V.
2) THE FOUR UNUSED STUDS ARE FOR A FUTURE 38 VOLT POWER SUPPLY.

REVISION HISTORY			
REV.	DESCRIPTION OF CHANGE	DATE	SIGN

PARTS LIST			
ITEM	QTY	PART NUMBER	DESCRIPTION
1	1	5-048-1 REV C MNPV6 DISCO HANDLE	5-048-1 REV B MNPV6 DISCO HANDLE
2	1	3-252-1 REV A MNPV4HV DISCO 3R COVER	3-252-1 REV A MNPV4HV DISCO 3R COVER
3	1	5-049-1 REV D MNPV6 DISCO ATTACHMENT PLATE	5-049-1 REV D MNPV6 DISCO ATTACHMENT PLATE
4	1	9-326-1 CARLING CX-3 ASSY	9-326-1 CARLING CX-3 ASSY
7	1	3-224-1 REV B MNPV6 LOCK BASE	3-224-1 REV B MNPV6 LOCK BASE
9	3	6-049-1 .125 IN. DIA. BY .25 IN. LONG AL. RIVET	6-049-1 .125 IN. DIA. BY .25 IN. LONG AL. RIVET
10	1	5-098-1 P1 MNPV4HV DISCO GRABBER	5-098-1 P1 MNPV4HV DISCO GRABBER
11	1	3-074-1 REV A MNPV4HV DISCO 3R DIN RAIL	3-074-1 REV A MNPV4HV DISCO 3R DIN RAIL
12	1	5-105-1 REV A MNPV4HV DISCO 3R INSULATOR	5-105-1 REV A MNPV4HV DISCO 3R INSULATOR
13	4	9-083-1 FUSE HOLDER	9-083-1 FUSE HOLDER
14	1	5-101-1 REV A MNPV4HV DISCO 3R DEADFRONT	5-101-1 REV A MNPV4HV DISCO 3R DEADFRONT
15	1	5-057-1 REV D MNPV6 DISCO SEALING RING	5-057-1 REV D MNPV6 DISCO SEALING RING
16	2	9-281-1 O-RINGS EPDM AS568B-150	9-281-1 O-RINGS EPDM AS568B-150
17	2	9-282-1 O-RINGS, EPDM AS568B-011	9-282-1 O-RINGS, EPDM AS568B-011
18	2	5-015-2 REV D WHITE INSULATOR BUSBAR	5-015-2 REV D WHITE INSULATOR BUSBAR
19	2	5-015-3 REV D RED INSULATOR BUSBAR	5-015-3 REV D RED INSULATOR BUSBAR
20	3	9-096-1 6 POSITION BUS BAR	9-096-1 6 POSITION BUS BAR
21	1	5-097-3 P1 MNXX RED BUSBAAR GUARD 6	5-097-3 P1 MNXX RED BUSBAAR GUARD 6
22	1	5-097-2 P1 MNXX WHITE BUSBAAR GUARD 6	5-097-2 P1 MNXX WHITE BUSBAAR GUARD 6
23	1	5-029-1 badge2	5-029-1 badge2
24	1	6-007-1 SCREW SMS 10 X.375 PHP SS	6-007-1 SCREW SMS 10-32 X.375 PHP SS
25	1	5-053-1 REV B MNPV6 DISCO LABEL	5-053-1 REV A MNPV6 DISCO LABEL
26	11	6-016-1 KEPS NUT 10-32 SS	6-016-1 KEPS NUT 10-32 SS
27	1	3-253-1 REV C MNPV4HV DISCO 3R BREAKER BRACKET	3-253-1 REV C MNPV4HV DISCO 3R BREAKER BRACKET
28	1	6-017-1 INT. STAR WASHER 10	6-017-1 INT. STAR WASHER NO.10 SS
29	2	10-066-1 HIGH VOLTAGE STICKER	10-066-1 HIGH VOLTAGE STICKER
30	2	6-102-1 FLAT SS WASHER .25-20	6-102-1 FLAT SS WASHER .25-20
31	2	6-101-1 HEX BOLT SS .25-20 X 7-16	6-101-1 HEX BOLT SS .25-20 X 7-16
32	2	6-100-1 KEP-NUTSS .25-30	6-100-1 KEP-NUTSS .25-30
33	1	6-034-1 SCREW SOC HD 10-32 X 7-8 SS	6-034-1 SCREW SOC HD 10-32 X 7-8 SS
34	2	6-091-1 SCREW 10-32 X .375 FHP SMS SS	6-091-1 SCREW 10-32 X .375 FHP SMS SS
35	4	6-036-1 SCREW SMS 10-32 X.375 PHP SS	6-036-1 SCREW SMS 10-32 X.375 PHP SS
36	6	6-060-1 SCREW 6-32 X5_16 MS PHP	6-060-1 SCREW 6-32 X5_16 MS PHP
37	1	3-256-1 REV C MNPV4HV DISCO 3R BUSBAR OUTPUT	3-256-1 REV C MNPV4HV DISCO 3R BUSBAR OUTPUT
40	4	9-328-1 CORD GRIP	9-328-1 CORD GRIP
41	4	9-328-1 CORD GRIP NUT	9-328-1 CORD GRIP NUT
42	4	5-139-1 REV B MNXX CORD GRIP WASHER	5-139-1 REV B MNXX CORD GRIP WASHER
43	1	3-254-1 REV B MNPV4HV DISCO 3R BUSBAR COMB	3-254-1 REV B MNPV4HV DISCO 3R BUSBAR COMB
44	1	3-255-1 REV C MNPV4HV DISCO 3R BUSBAR LINK	3-255-1 REV C MNPV4HV DISCO 3R BUSBAR LINK
45	1	9-382-1 RED HEAT SHRINK	1.2 INCHES
46	3	6-045-1 SCREW 10-32 X .50 PHP SS	6-045-1 SCREW 10-32 X .50 PHP SS
47	1	3-225-1 REV C MNPV6 STOP	3-225-1 REV C MNPV6 STOP
48	1	9-378-1 CENTURY SPRING	9-378-1 CENTURY SPRING
49	1	10-066-1-C TORQUE	10-066-1-C TORQUE
50	1	10-066-1-A CAUTION LABEL	10-066-1-A CAUTION LABEL
51	1	10-066-1 B DIAGRAM	10-066-1 B DIAGRAM
52	1	10-066-1-D PV POSITIVE	10-066-1-D PV POSITIVE
53	1	10-066-1-H GND	10-066-1-H GND
54	1	10-008-1-E PV NEGATIVE	10-008-1-E PV NEGATIVE
55	1	3-257-10 REV J MNPV4HV DISCO DIN RAIL HAT	3-257-10 REV H MNPV4HV DISCO DIN RAIL HAT
57	1	3-251-10 REV L MNPV4HV DISCO 3R CHASSIS	3-251-10 REV K MNPV4HV DISCO 3R CHASSIS
58	2	9-426-1 ORING SILICONE .183 X .261 X .039 IN	9-426-1 ORING SILICONE .183 X .261 X .039 IN
59	4	6-144-1 SEELSCREW 10-32 X.375 PHPSS	6-144-1 SEELSCREW 10-32 X.375 PHPSS

B



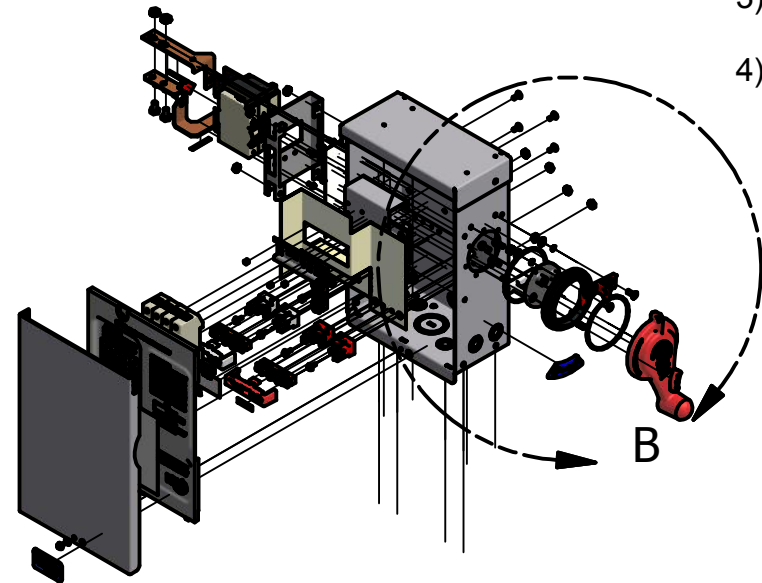
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REVISION HISTORY

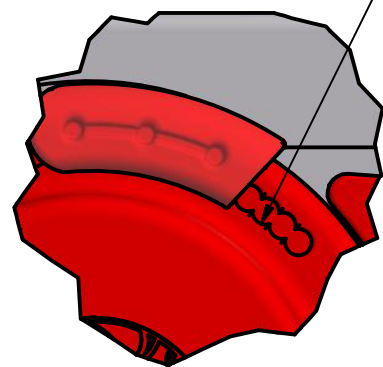
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ASSEMBLY INSTRUCTIONS:

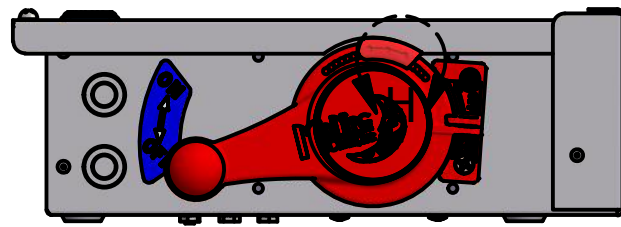
- 1) ITEMS 17 AND 16 MUST BE COATED WITH SILICONE GREASE, DOW CORNING 111, BEFORE ASSEMBLY
- 2) ITEM 46 MUST RECEIVE A DROP OF LOCTITE BLUE, 242, BEFORE ASSEMBLY. TIGHTEN ALL 3 SCREWS UNTIL THE SCREW BOTTOMS OUT AND THEN BACK OF 1/2 TURN. VERIFY THAT ITEM 3 ROTATES IN RELATION TO ITEM 8 AFTER ASSEMBLING.
- 3) G.E. CLEAR SILICONE PERMANENTLY WATERPROOF SEALANT, GEO12A90695, IS REQUIRED ON THE THREADS OF ITEMS 34 TO PREVENT WATER INGRESS.
- 4) ITEM 15 WILL REQUIRE FILING FOR CLEARANCE FROM ITEM 1, UNTIL THE NEXT REVISION ITEM 15 BECOMES AVAILABLE.



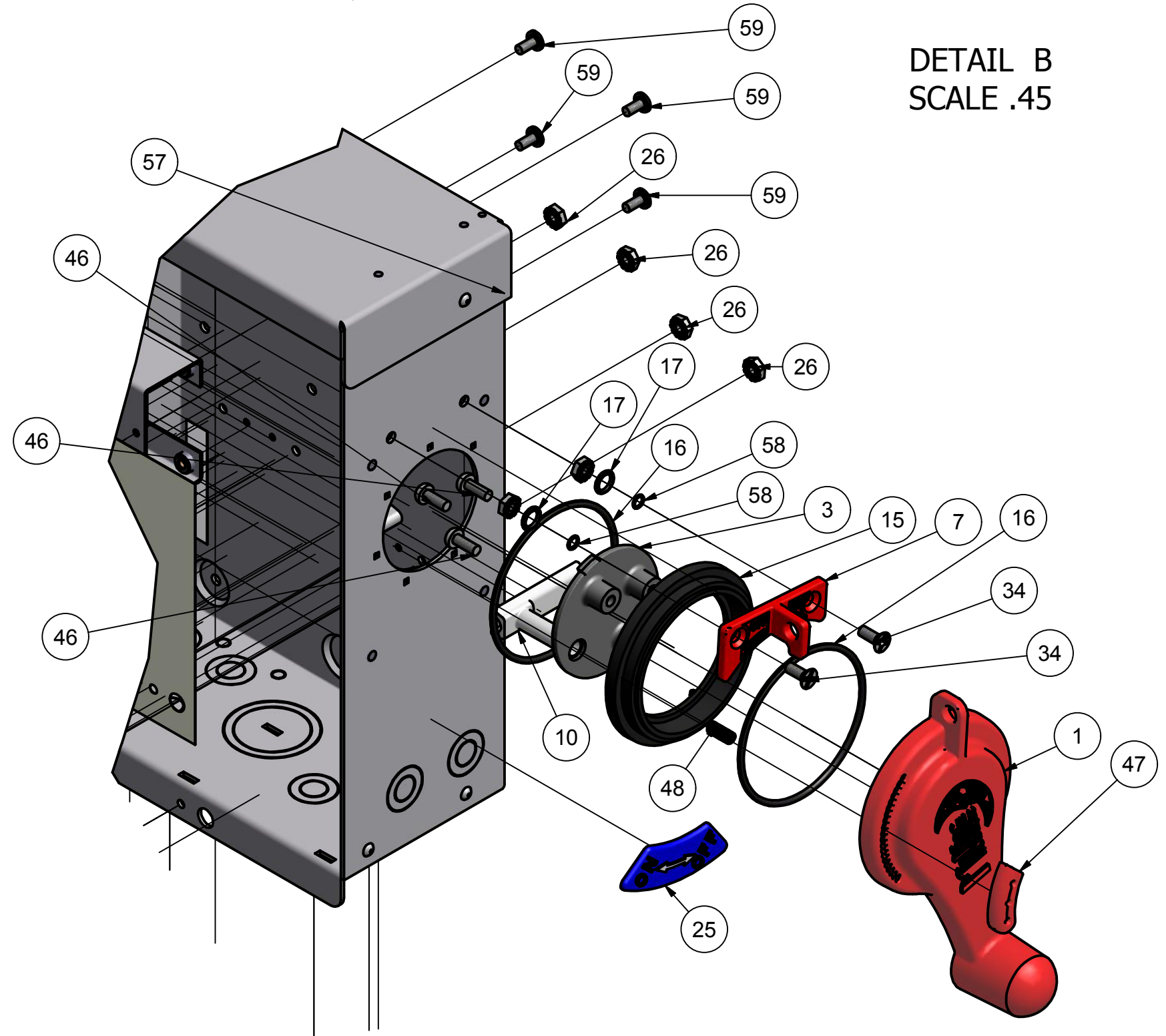
BEFORE GLUING THE STOP INTO PLACE NOTE THAT THERE ARE FOUR HOLES SHOWING



DETAIL H
SCALE 1 : 1



DETAIL B
SCALE .45

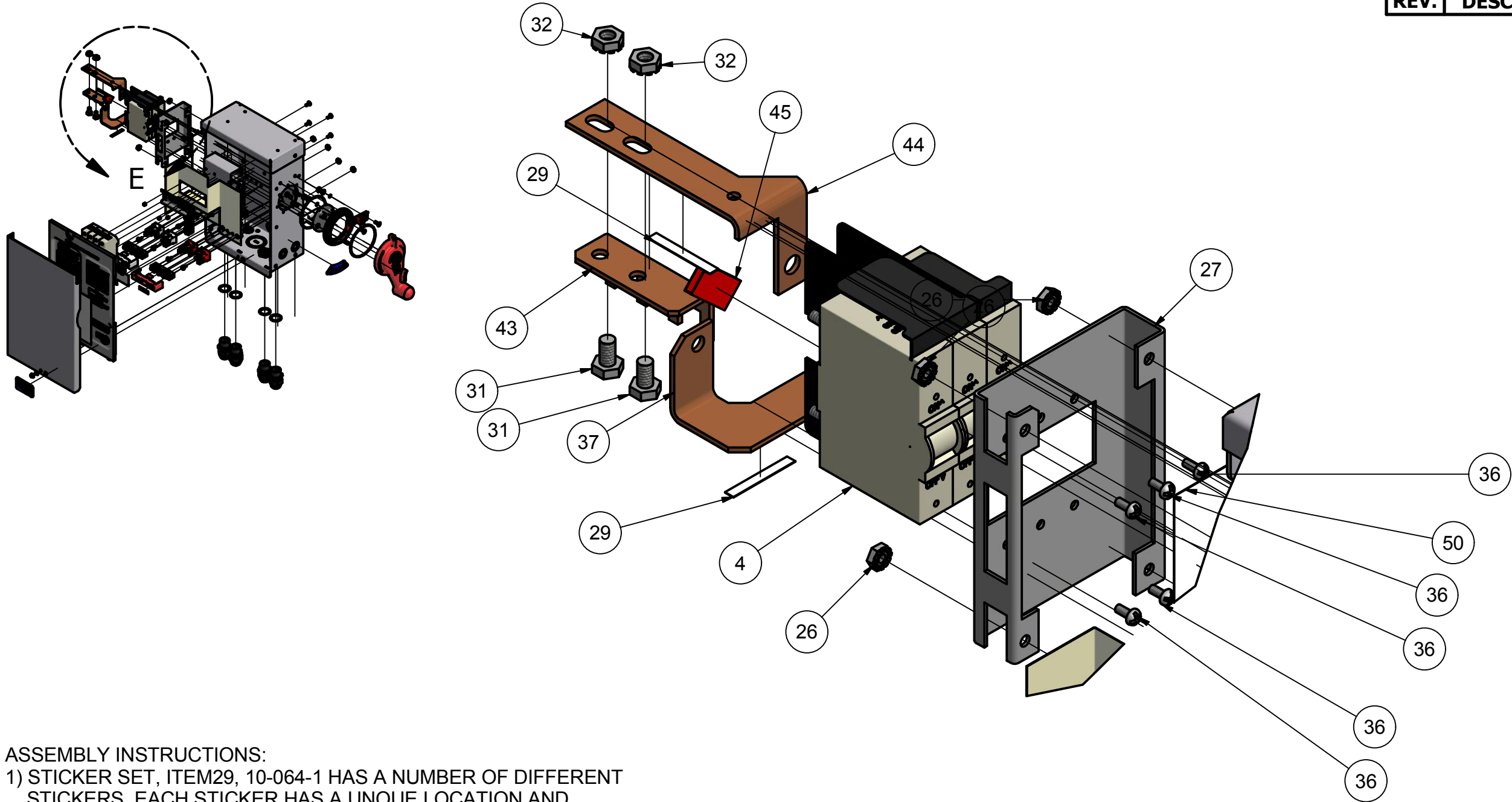


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REVISION HISTORY			
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- ASSEMBLY INSTRUCTIONS:
- 1) STICKER SET, ITEM29, 10-064-1 HAS A NUMBER OF DIFFERENT STICKERS. EACH STICKER HAS A UNQUE LOCATION AND IS IDENTIFIED BY A DIFFERENT TEXT IN THE BILL OF MATERIAL.
 - 2) ITEM 4 IS EITHER P/N 9-301-1 FOR THE DELUXE UNIT OR 9-324-1 FOR THE STANDARD UNIT.
 - 3) ITEM 45 IS HEAT SHRINK, WHICH IS BE HEAT SHRUNK AROUND THE DOG BONE BUSBAR, ATTACHED TO THE FAR SIDE OF THE BREAKER, ITEM 4

NOTE
1) INSTALL INSULATOR, ITEM 12, BEFORE RIVETING DIN RAIL.
2) ITEM 9, POP RIVETS, ATTACHES THE DINRAIL ITEM 11 TO THE CHASSIS, ITEM 8.

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