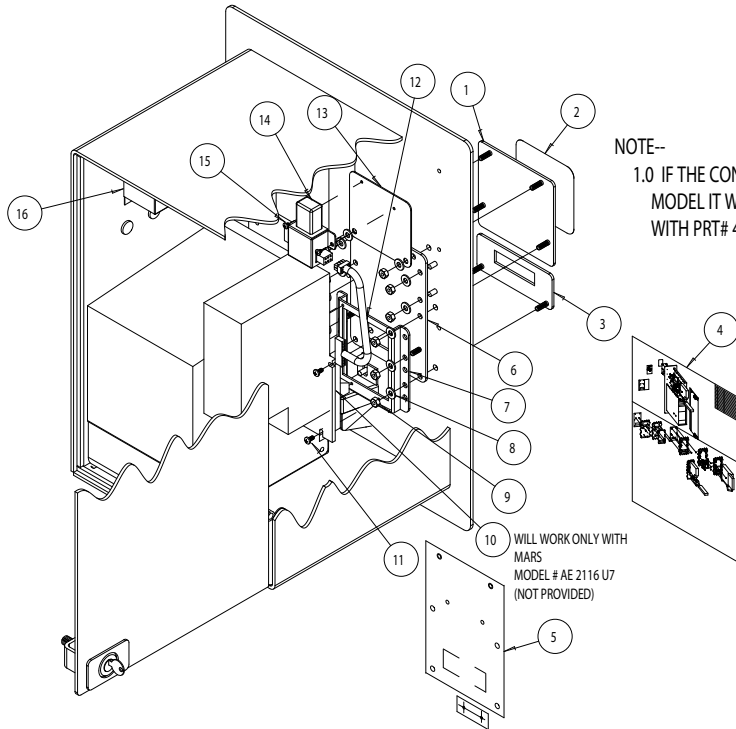
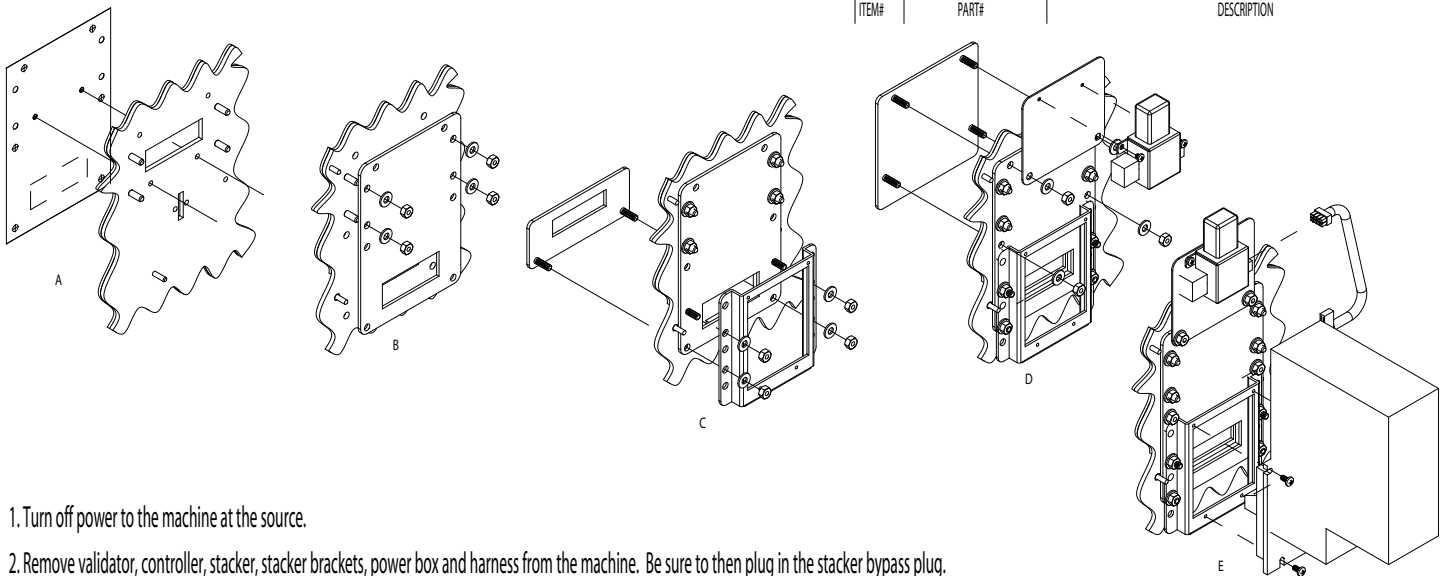


# ER-60 MARS RETROFIT KIT #100-0051



NOTE--  
1.0 IF THE CONTROLLER IS NOT A C2000  
MODEL IT WILL HAVE TO BE REPLACED  
WITH PRT# 49-2000A

ITEM#	PART#	DESCRIPTION	QTY.
16	103-0003	EPPROM, PROGRAM C2000 v2.0	1
15	90-0146	SCREW, #8-32 x 3/8	2
14	60-2056A	MARS INHIBIT RELAY ASSEMBLY	1
13	60-2202	BRACKET, RETROFIT, MARS INHIBIT RELAY MOUNT	1
12	48-3012	HARNESS, M-LINE, MARS ADAPTOR	1
11	90-0144	SCREW, #8-32 x 5/8	4
10	46-0200	VALIDATOR, MARS (120V)	
9	90-0331	NUT, #1/4-20	12
8	90-0403	WASHER, #1/4 INTERNAL LOCK	12
7	60-2051	U-CHANNEL	1
6	60-0383	RETROFIT, BACK PLATE	1
5	96-2050	TEMPLATE, RETROFIT, ER-60	1
4	101-0027	INSTRUCTIONS, RETROFIT, ER-60, MARS	1
3	60-2200	FACE PLATE, RETROFIT, ER-60	1
2	96-0173	RETROFIT DOLLAR DECAL SET	1
1	60-2201	COVER PLATE, RETROFIT, ER-60	1



1. Turn off power to the machine at the source.
2. Remove validator, controller, stacker, stacker brackets, power box and harness from the machine. Be sure to then plug in the stacker bypass plug.
3. Remove ball studs and validator face plate.
4. Align template with the bottom two face plate mounting holes on the face of the machine.(A)
5. Mark and drill the six mounting holes (marked "A") through the face of the cabinet and the lexan, using a 3/8" bit.
6. Mark and cut validator opening in both the cabinet and lexan.
7. Mount back plate using the top 4 validator mounting studs. (B)
8. Mount the face plate and u-channel through the lexan, cabinet face, and the back plate and tighten. (C)
9. Mount the cover plate and mars inhibit relay mount then attach the mars relay assembly.(D)
10. Attach the validator to the U-channel using #8-32 x 1/2 screws. (E)
11. Confirm C2000 controller eprom is v2.0 or later, if not replace with enclosed eprom. Replace components in machine.
12. Add the mars harness adaptor to the validator and the relay assembly.
13. Attach the wanted dollar decal to the front of the face plate.
14. Turn on the power to the machine.