

INSTALLATION INSTRUCTIONS MS/MP EL EMERGENCY EXIT SIGNS AND EMERGENCY POWER PACKS ME/MEW

CAUTION: For safety and proper operation, read and follow instructions carefully before installation.



IMPORTANT SAFEGUARDS

1. READ AND FOLLOW ALL SAFETY INSTRUCTIONS

2. Before wiring to power supply, turn off electricity at fuse or circuit breaker.
3. Disconnect A.C. power and unplug battery before servicing.
4. All servicing should be performed by qualified personnel.
5. Consult your local building code for approved wiring and installation.
6. Do not use outdoors.
7. Do not let power supply cord touch hot surfaces.
8. Do not mount near gas or electric heater.
9. Use caution when servicing batteries. Battery acid can cause burns to skin and eyes. If acid is spilled on skin or in eyes, flush acid with fresh water and contact a physician immediately.
10. Equipment should be mounted in location and at heights where it will not readily be subjected to tampering by unauthorized personnel.
11. The use of accessory equipment not recommended by the manufacturer may cause an unsafe condition.
12. Do not use this equipment for other than intended use.
13. Fixture must be grounded to avoid potential electric shock.

SAVE THESE INSTRUCTIONS

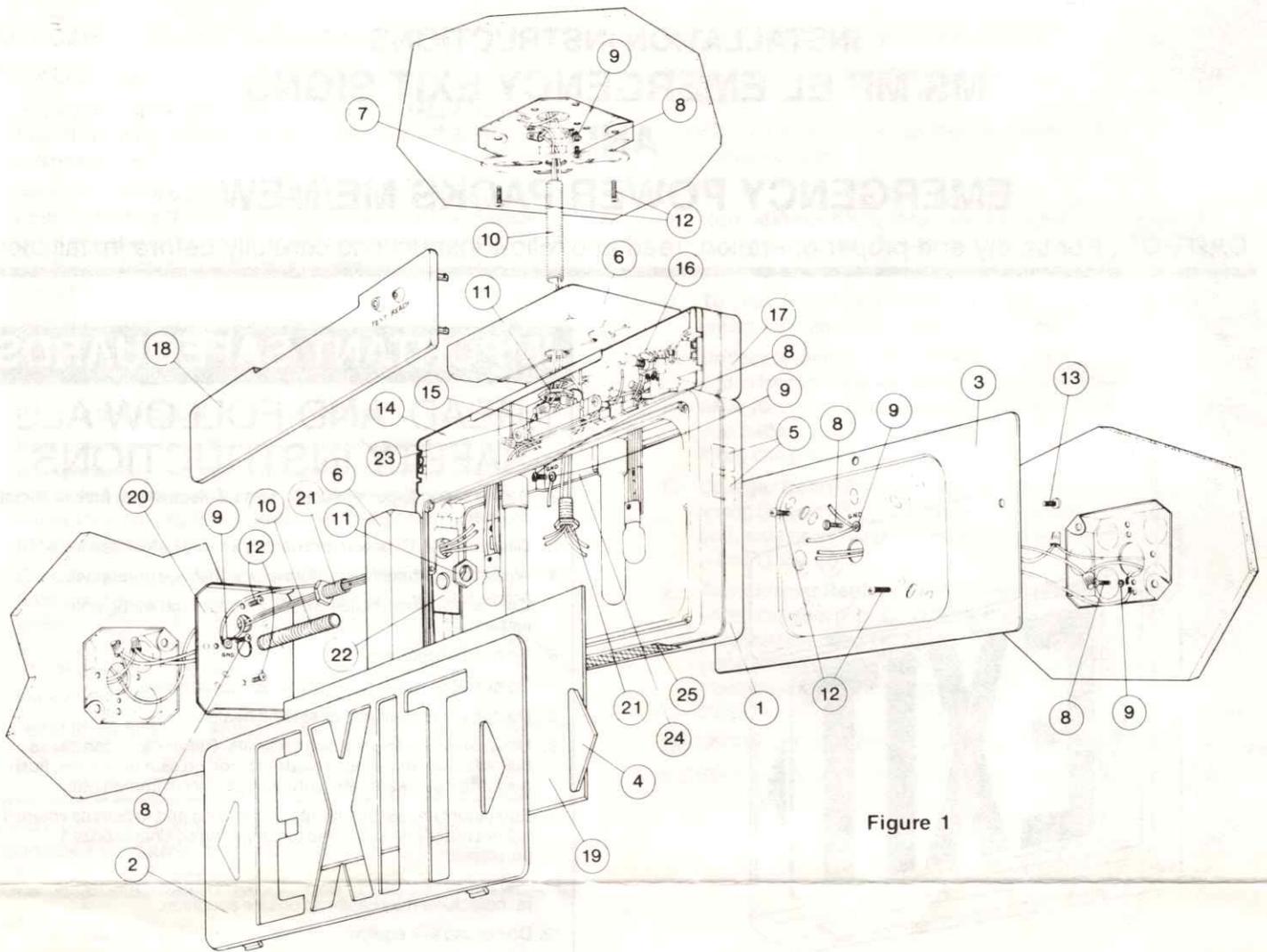


Figure 1

PARTS DESCRIPTION

- ① 2-part Housing
- ② Faceplate (stencil face shown)
- ③ Back Mounting Plate
- ④ Arrow Plug
- ⑤ Hole Plugs
- ⑥ Canopy
- ⑦ Junction Box Mounting Bar
- ⑧ #8 Green Ground Screw
- ⑨ #8 Cup Washer
- ⑩ Threaded Nipple
- ⑪ Hex Nut
- ⑫ J-Box Screws 8-32 x 1/2"
- ⑬ Back Mounting Plate Screws 6-20 x 1/2"
- ⑭ Battery
- ⑮ Transformer
- ⑯ Charger Board
- ⑰ 2-part Emergency Pod
- ⑱ Emergency Pod Cover
- ⑲ Fiberglass Panel
- ⑳ Junction Box Mounting Plate
- ㉑ Hex Nipple
- ㉒ Side Mount Plate
- ㉓ Emergency Pod Bracket
- ㉔ Lamp Bracket
- ㉕ Downlight Lens

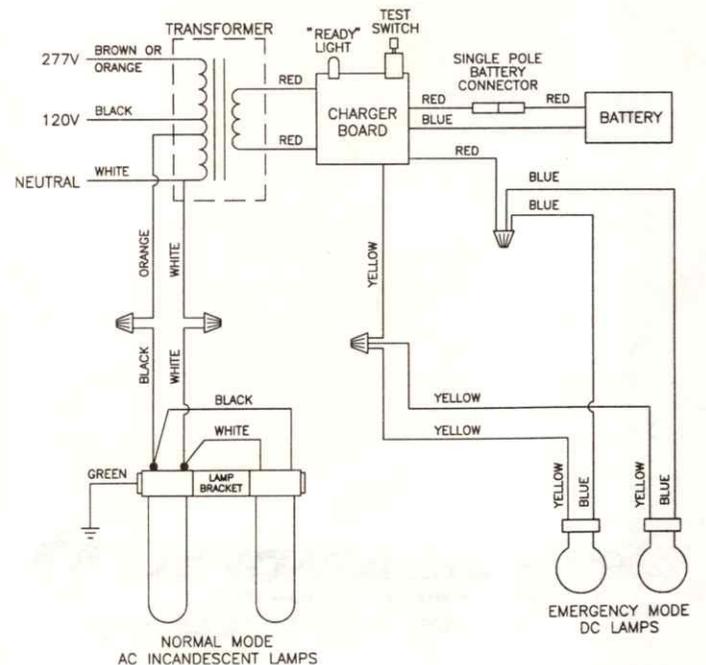


Figure 2

DIRECTIONAL ARROW REMOVAL

See Figure 1

1. Remove faceplate ② by inserting your fingers into upper portion of letters "E" and "T" (stencil face), or into top inside corners (panel face), and pulling faceplate away from housing ①.
2. Select arrow direction and remove arrow plug ④ by firmly pressing on it from outside of faceplate ②.
3. Replace faceplate into its original position.

CAUTION: Damage to battery will occur if battery is connected to charger board for a prolonged period of time without AC power applied.

SIDE MOUNTING

1. Remove faceplate ② by inserting your fingers into upper portion of letters "E" and "T" (stencil face), or into top inside corners (panel face), and pulling faceplate away from housing ①. Pry out a corner of fiberglass panel ⑱ and slide panel to the side.
2. Remove proper hole plugs ⑤ from side of fixture, according to desired canopy position.
3. Remove emergency pod cover ⑱ by prying the slot on each end.
4. Remove oblong knockouts from junction box mounting plate ⑳ that correspond to junction box being used. Screw threaded nipple ⑩ approximately 1" into junction box mounting plate ⑳. Secure junction box mounting plate ⑳ to junction box using J-Box screws ⑫.
5. Secure two ground leads to back mounting plate ③ using green ground screw ⑧ and cup washer ⑨. Secure other end of shorter ground lead to lamp bracket ㉑ using green ground screw ⑧ and cup washer ⑨.
6. Route longer ground lead and proper leads from primary side of transformer ⑮, through threaded hole of side mount plate ㉒. Next route leads through top hole in side of housing ①, through top hole in canopy ⑥, and through hex nipple ㉓. Thread hex nipple through canopy, through housing, and into hole of side mount plate, and tighten securely, being sure to keep bottom hole of side mount plate aligned with center hole of housing.
7. Make proper connection between transformer leads and AC input leads using standard wirenuts.
8. Secure supply side ground lead and fixture ground lead to junction box mounting plate ⑳ using green ground screw ⑧ and cup washer ⑨. Dress wires into junction box.
9. Use hex nut ⑪ to secure housing/canopy assembly onto threaded nipple ⑩.
10. Remove protective backing from foam tape on back of battery ⑭. Insert battery ⑭ into emergency pod ⑰, and press firmly into place.
11. Plug connector from battery ⑭ into connector from charger board ⑯ (see Fig. 2). Dress wires inside emergency pod ⑰.
12. Replace emergency pod cover ⑱, fiberglass panel ⑱ and faceplate ②.

BACK MOUNTING

1. Remove faceplate ② by inserting your fingers into upper portion of letters "E" and "T" (stencil face), or into top inside corners (panel face), and pulling faceplate away from housing ①. Pry out a corner of fiberglass panel ⑱ and slide panel to the side.
2. From back mounting plate ③, remove 1/2" center knockout and oblong knockouts that correspond to junction box being used.
3. Remove emergency pod cover ⑱ by prying the slot on each end.
4. Route proper leads from primary side of transformer ⑮ through center hole in bottom of emergency pod ⑰ and through 1/2" knockout in back mounting plate ③ (see Fig. 1 and Fig. 2).
5. Make proper connections between transformer leads and AC input leads using standard wirenuts.
6. Secure input ground lead to junction box using green ground screw ⑧ and cup washer ⑨. Secure short ground lead to back mounting plate ③ and lamp bracket ㉑ using green ground screw ⑧ and cup washer ⑨ (see Fig. 1).
7. Dress wires into junction box and secure fixture to junction box using screws ⑪.
8. Remove protective backing from foam tape on back of battery ⑭. Insert battery ⑭ into emergency pod ⑰, and press firmly into place.
9. Plug connector from battery ⑭ into connector from charger board ⑯ (see Fig. 2). Dress wires inside emergency pod ⑰.
10. Replace emergency pod cover ⑱, fiberglass panel ⑱ and faceplate ②.

TOP MOUNTING

1. Remove faceplate ② by inserting your fingers into upper portion of letters "E" and "T" (stencil face), or into top inside corners (panel face), and pulling faceplate away from housing ①. Pry out a corner of fiberglass panel ⑱ and slide panel to the side.
2. Remove emergency pod cover ⑱ by prying the slot on each end.
3. Remove hole plug from top of emergency pod ⑰.
4. Secure mounting bar ⑦ to junction box, using J-Box screws ⑫. Screw threaded nipple ⑩ approximately 1" into mounting bar ⑦.
5. Secure input ground lead to junction box, using green ground screw ⑧ and cup washer ⑨ (see Fig. 1).
6. Secure short ground lead to back mounting plate ③ and lamp bracket ㉑ using green ground screws ⑧ and cup washers ⑨.
7. Route proper leads from primary side of transformer ⑮ through hex nut ⑪ and hole in the top of the emergency pod ⑰. Next route leads through the center hole in canopy ⑥, and through threaded nipple ⑩.
8. Make proper connection between transformer leads and AC input leads using standard wirenuts.
9. Use hex nut ⑪ to secure emergency pod/canopy assembly onto threaded nipple ⑩.
10. Remove protective backing from foam tape on back of battery ⑭. Insert battery into emergency pod ⑰ and press firmly into place.
11. Plug connector from battery ⑭ into connector from charger board ⑯ (see Fig. 2). Dress wires inside emergency pod ⑰.
12. Replace emergency pod cover ⑱, fiberglass panel ⑱, and faceplate ②.

EMERGENCY POWER PACK (ME/MEW-1)

INSTALLATION

1. In addition to these instructions, refer to INSTALLATION INSTRUCTIONS, MODEL MS/MP 120/277 EXIT SIGNS during this procedure.
2. Remove faceplate ② by inserting your fingers into upper portion of letters "E".and "T" (stencil face), or into top inside corners (panel face), and pulling faceplate away from housing ①. Pry out a corner of fiberglass panel ⑨ and slide panel to the side.
3. Remove three center hole plugs from top of exit housing ①.
4. Remove emergency pod cover ⑧ by prying the slot on each end.
5. Remove hex nipple from emergency pod ⑦.
6. Install emergency pod ⑦ to top of exit housing ① by routing emergency lamps through two larger holes in top of housing a and sliding emergency pod to the left until tabs are engaged. Thread hex nipple ② through smaller center hole ⑩, and tighten securely.
7. Cut off approximately 10 inches from normal mode lamp leads (black and white). Route normal mode lamp leads (black and white) from housing a through hex nipple ② and into the emergency pod ⑦. Make proper wiring connections (refer to Fig. 2) using standard wirenuts. Dress wires along top inside of fixture housing ① and bottom inside of emergency pod ⑦.
8. Refer to installation instructions for back, side, or top mounting to complete installation.

CAUTION: Damage to battery will occur if battery is connected to charger board for a prolonged period of time without AC power applied.

INSPECTION AND MAINTENANCE

NOTE: Emergency lighting systems should be tested as often as local

codes require, or at least quarterly, to ascertain that all components are

operational.

- A. **Normal Operations:** When unit is functioning properly, with power applied to it, the red "Ready" light and AC lamps will be on.
- B. **To Test:** Push "Test" switch; "Ready" light will go out, and DC emergency lamps will come on. AC lamps will remain on.
- C. **Battery Replacement:** To remove battery, gently pry up at one end to loosen adhesive foam tape on back. Slide battery from emergency pod. Remove backing from foam tape on back of new battery. Insert new battery into emergency pod and press firmly into place.
- D. **Charger Board Replacement:** Disconnect wiring as shown in wiring diagram (Fig. 2). Slide charger board out of emergency pod; slide new charger board into pod and reconnect wiring (see Fig. 2).
- E. **Transformer Replacement:** Disconnect wiring as shown in wiring diagram (Fig. 2). Clip supporting brace above transformer enough to allow transformer to slide up and out of pod housing once transformer screws have been removed. Replace transformer and transformer mounting screws. Reconnect wiring.

NOTE: This equipment to be connected to unswitched circuit only.

NOTE: Allow battery to charge 24 hours before initial testing, and 168 hours to fully charge battery.

WARRANTY

THREE-YEAR TOTAL CUSTOMER SATISFACTION

Complete Customers' Satisfaction...This fixture is guaranteed to perform to our customers' complete satisfaction for a period of three years from date of invoice. Our guarantee covers any defect in manufacturing, provided the defect develops under normal and proper use. This liability does not include lamps, and extends only to replacement of the defective part and labor charges for correction of the defect by repair or replacement. These labor charges will be honored by the factory only with prior written approval from our Marketing Service Department.



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