Installation Instructions

Emergency Stop Kit

Questions?

Help is just a moment away!

Call: Technical Services 800-743-4115

Monday-Friday 8:00 AM to 5:00 PM Central Time

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80026817
Revision (A)

Kit Contents

- Emergency stop switch assembly
- Emergency stop legend plate
- Bottle of touch-up paint
- 3” length of heat-shrink tubing

Required tools

- ½” conduit (7/8” or 22.2mm) knockout die set or drill bit
- Heat gun

Operator Safety

Important Safety Instructions

SAVE THESE INSTRUCTIONS - This manual contains important instructions that should be followed during the initial set-up, the operation, and the maintenance of the equipment. **Save these original instructions for future reference.**

Safety Symbols and Meanings

Read Manual

Auto Start

The safety alert symbol ⚠ indicates a potential personal injury hazard. A signal word **(DANGER, WARNING, or CAUTION)** is used with the alert symbol to designate a degree or level of hazard seriousness. A safety symbol may be used to represent the type of hazard. The signal word NOTICE is used to address practices not related to personal injury.

DANGER indicates a hazard which, if not avoided, will result in death or serious injury.

WARNING indicates a hazard which, if not avoided, could result in death or serious injury.

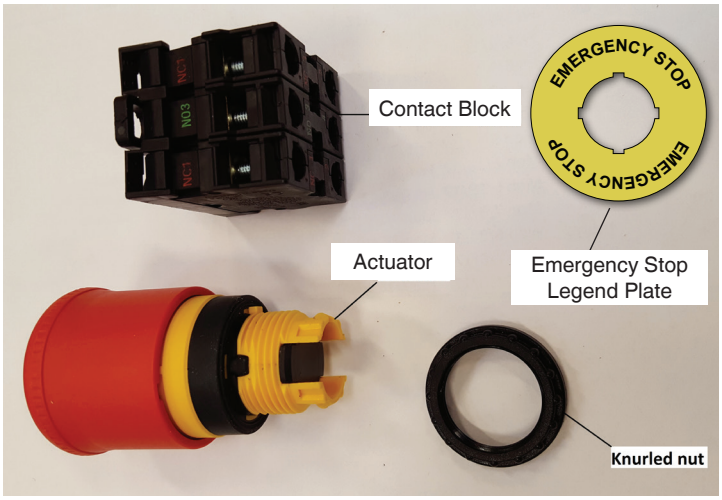
CAUTION indicates a hazard which, if not avoided, could result in minor or moderate injury.

NOTICE indicates a situation that **could result in damage to the product.**

The manufacturer cannot anticipate every circumstance that might involve a hazard. The warnings in this manual, and the tags and decals affixed to the unit are, therefore, not all-inclusive. If you use a procedure, work method or operating technique that the manufacturer does not specifically recommend, you must satisfy yourself that it is safe for you and others. You must also make sure that the procedure, work method or operating technique that you choose does not render the generator system unsafe.

Switch Terminology

Only current licensed electrical professionals should attempt installation of this accessory. Installation must strictly comply with all applicable codes, industry standards and regulations.



⚠ **WARNING** Certain components in this product and related accessories contain chemicals known to the State of California to cause cancer, birth defects, or other reproductive harm. Wash hands after handling.

Servicing the System

Before performing any generator maintenance, always perform the following steps:

1. Set generator’s circuit breaker to its **OFF** position.
2. Set control panel system switch to **OFF**.
3. Remove 15 Amp fuse from control panel and disconnect the battery from the generator..

⚠ **CAUTION** Auto start hazard.

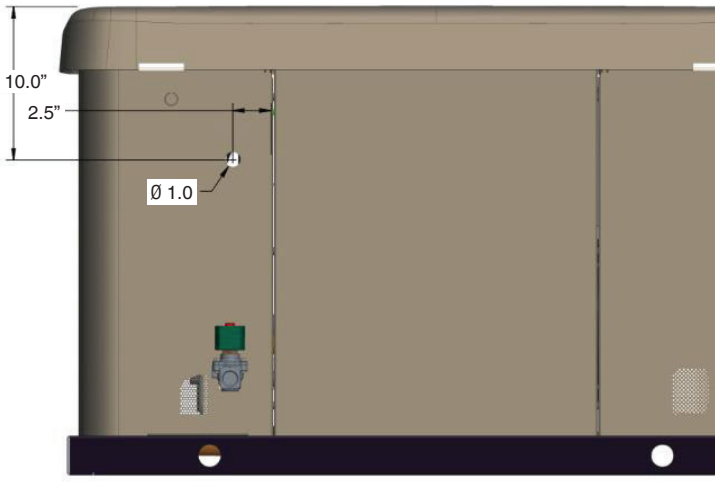
An installed 15A fuse could cause the engine to start at any time without warning resulting in minor or moderate injury.

- Observe that the 15 Amp fuse has been removed from the control panel and the battery has been disconnected the from the generator before servicing.
- DO NOT install fuse until all servicing has been completed and inspected

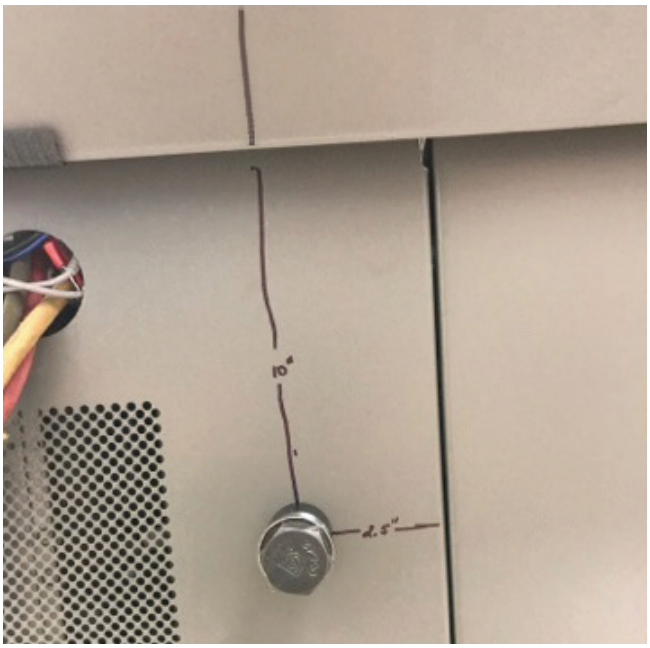
5. After all servicing has been completed, reconnect battery, reinstall fuses in transfer switch, replace 15 Amp fuse in control panel, set system switch and circuit breaker **ON** and reset exercise timer. See *Setting Exercise Timer*.

Installation

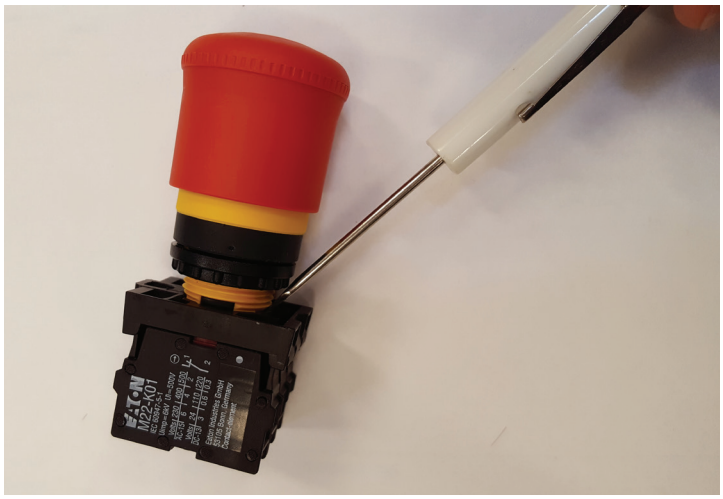
1. Make a mark on the rear enclosure panel 10” down from roof of generator and 2 ½” to the left of the rear enclosure panel joint.



2. Use a ½” conduit (7/8” or 22.2mm) electrical knockout to center the 7/8” hole on the mark made in the step 1.



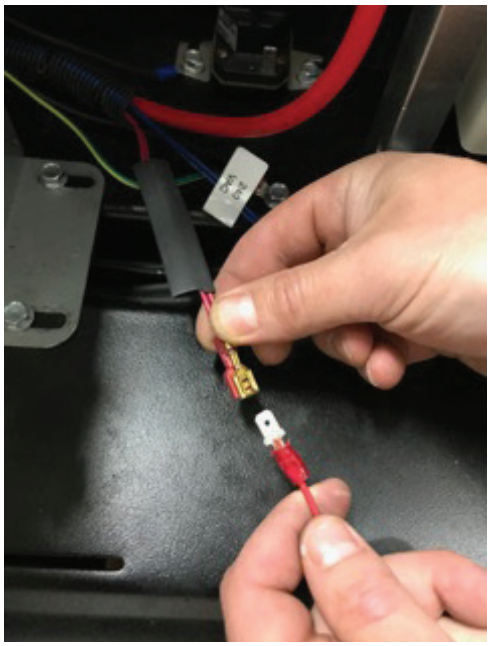
3. Cover the edge of the 7/8” hole with touch-up paint.
4. Disassemble the actuator from the contact block using a small flathead screwdriver.



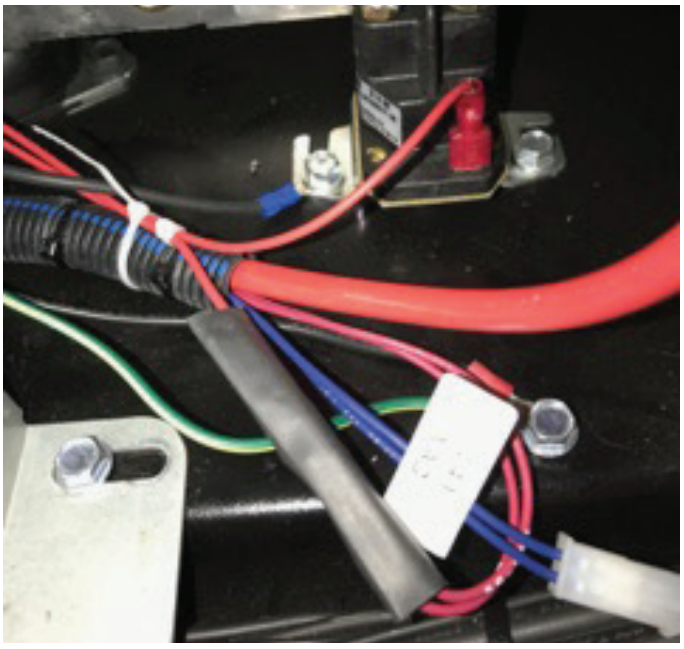
5. Remove the knurled nut from the back of the actuator.
6. Assemble the yellow emergency stop legend plate on the actuator knob with the text facing towards the actuator.

7. From the outside of the generator enclosure, insert the actuator into the 7/8” hole. Press firmly to ensure that the actuator is fully inserted in to the enclosure.
8. Install the knurled nut on the rear of the actuator. Make sure that the legend plate is positioned correctly on the exterior of the unit and the slot at the rear of the actuator is positioned vertically in the unit.
9. Locate and disconnect the double spade terminal (wire 56) from the starter relay.

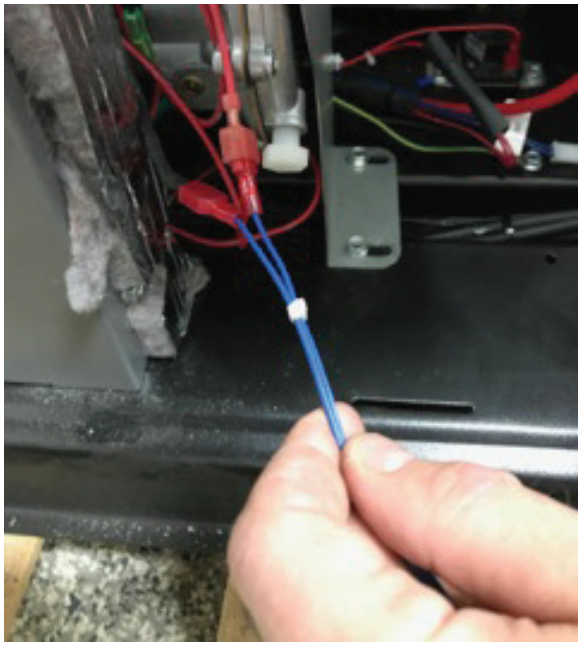
10. Place the 3” piece of heat-shrink tubing over the two wires from the double spade terminal.



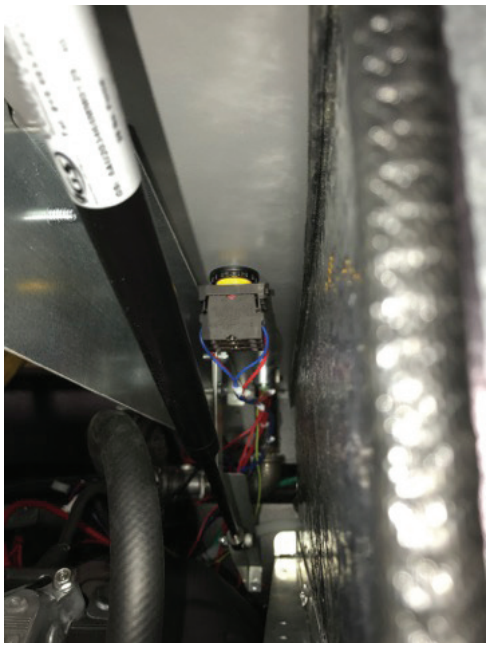
11. Connect the male spade terminal on the red wire harness from the contact block to the double spade terminals.
12. Slide the heat-shrink tubing over the connection and use a heat gun to shrink the tubing tightly, making sure all three connectors are covered.
13. Connect the remaining red harness wire from the contact block to the starter solenoid spade terminal.



14. Disconnect one of the two spade connectors on the red wires coming from the rear of the fuel solenoid.
15. Connect the blue wire of the contact block to the disconnected fuel solenoid spade terminal.
16. Connect the remaining spade connector on the blue contact block harness to the mating fuel solenoid connector located on the generator harness side



17. Connect the contact block to the rear of the actuator.



18. After all servicing has been completed, reconnect battery, reinstall fuses in transfer switch, replace 15 Amp fuse in control panel, set system switch and circuit breaker **ON** and reset exercise timer. See *Setting Exercise Timer*.
19. Verify the emergency stop switch is functional by testing its ability to prevent the generator from starting and its ability to stop a running engine. Test the emergency stop switch as follows:
    - Push the stop switch in. The generator should not start
    - With the genererator running push the stop switch in. The generator should stop.