IMPORTANT SAFETY UPDATE — IMMEDIATE ACTION REQUIRED!

Date: 02/10/22
To: MQ Power Generator Owners
From: MQ Power Product Department
Subject: Emergency Stop Switch Wiring **— Second Notice**

Dear Multiquip Customer,

Our records indicate that your company purchased one or more model DCA20SPXU4F, DCA25SSIU4F, DCA25SSIU4FC8, DCA36SPXU4F, DCA45SSIU4F and DCA45SSIU4FC8 generators. We have become aware that Emergency Stop switch has been wired incorrectly.

The accompanying bulletin explains the corrective action required.This bulletin supersedes the previous bulletin issued on 12-16-21. The new bulletin contains expanded verification and testing instructions.

WARNING! Failure to perform this procedure may result in the Generator failing to shutdown when the Emergency Stop switch is activated. In that event the generator can only be shut down using the OFF/RESET toggle switch. (See Owner's Manual).

If these generators have been resold, please forward this bulletin to the new owner.

Service Bulletin

Emergency Stop Switch Wiring DCA20, 25, 36 and 45

Product Group:	Date Issued:	Expiration Date:	Service Bulletin No.
Power Solutions	02/10/22	02/10/23	GSP20211202

Models/Serial Numbers Affected:

Model	Serial Number Range
DCA20SPXU4F	8720597 – 8720645
DCA25SSIU4F	7158569 – 7158839
DCA25SSIU4FC8	9800007 – 9800011
DCA36SPXU4F	8730269 – 8730288
DCA45SSIU4F	7254613 – 7254742
DCA45SSIU4FC8	9810002 – 9810008

Details

Problem:

Some units have the emergency stop switch wired incorrectly. If the operator has the unit's ***Diagnostic Switch*** in the **ON** position, and the wiring is incorrect, the generator will fail to shut down when the emergency stop switch is activated. In that event the generator can only be shut down using the OFF/RESET switch located on the control panel.

Solution:

Wire emergency stop switch as referenced in attached procedure.

Parts Information

NOTICE

No parts are required for this modification.

WORK SAFELY!

Only a qualified service technician with proper training should perform this procedure. Follow all shop safety rules when performing this procedure.

EMERGENCY STOP SWITCH VERIFICATION

NOTICE

If the ***Diagnostic Switch*** is placed in the **ON** position and the engine is running, the emergency stop switch may not shutdown the engine if the e-stop switch wiring is incorrect.

Follow the procedure below to determine if the emergency stop switch is wired correctly.

1. Loosen the two thumb screw knobs (Figure 1) that secure the control panel to the generator frame.

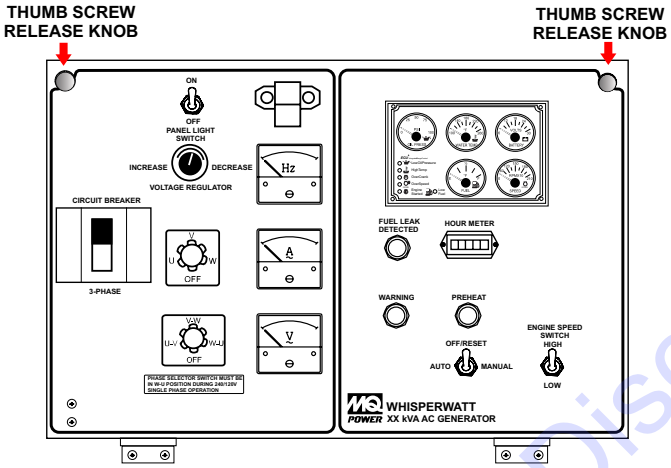

Figure 1. Releasing Control Panel

2. Slowly let the control panel fall forward so that the control box area is exposed.

3. Locate the diagnostic panel and place the ***Diagnostic Switch*** (Figure 2) in the **ON** position (UP).

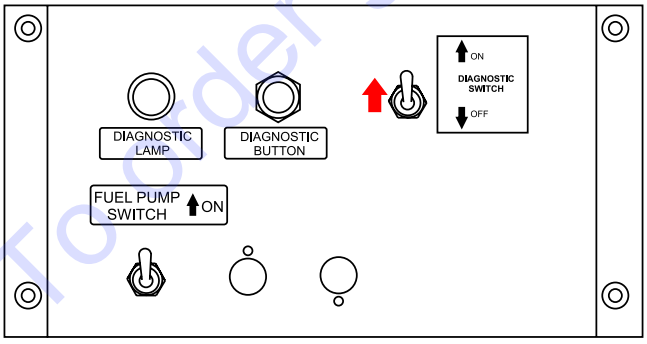

Figure 2. Diagnostic Panel

4. Lift the control panel upwards and secure with the two thumb screw knobs as shown in Figure 1.

5. Start the generator as referenced in the Operator's manual.

6. Press the ***Emergency Stop Switch*** and verify that the generator shuts down.

Figure 3. Emergency Stop Switch

7. If the generator shuts down it can be assumed that the ***Emergency Stop Switch*** is ***wired correctly*** and **no further action is required**.

NOTICE

If the generator does not shut down when the ***Diagnostic Switch*** is placed in the **ON** position (UP), please proceed to the Preparation/Emergency Stop Switch Wiring section in this bulletin.

8. Next, place the the **Auto Off/Reset Manual Switch** (Figure 4) in the **OFF/RESET** position.

Figure 4. Auto Off/Reset Manual Switch (OFF/Reset Position)

9. Again, loosen the two thumb screw knobs (Figure 1) that secure the control panel to the generator frame.

10. Slowly let the control panel fall forward and place the ***Diagnostic Switch*** in the **OFF** position (DOWN).

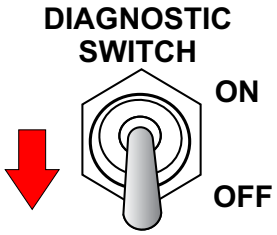

Figure 5. Diagnostic Switch (OFF)

11. Lift the control panel upwards and secure with the two thumb screw knobs as shown in Figure 1.
12. The generator is now ready for use.

PREPARATION

1. Make sure the generator is turned off and ***the engine is cool***.
2. Place the generator in an area free of dirt and debris. If trailer mounted, make sure it is on secure, level ground with chock blocks underneath each wheel to prevent the generator from rolling.
3. Disconnect the ***negative*** battery cable from the battery post (Figure 7**A**).

REQUIRED TOOLS

- Wire Cutters
- Small Stubby Phillips Head Screwdriver

EMERGENCY STOP SWITCH WIRING

1. Open the control panel door and locate the 4-position terminal block behind control panel on the ***right-side*** of the control box as referenced in Figure 6.

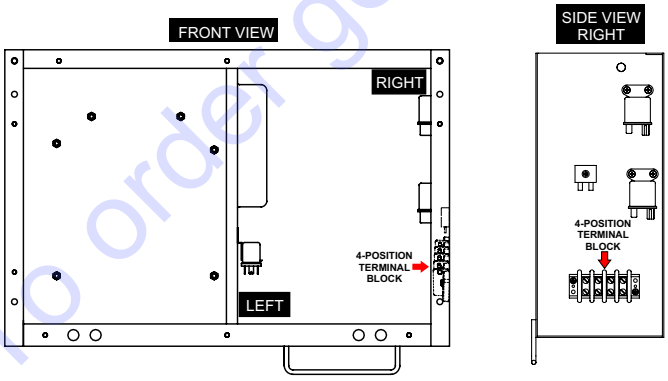

Figure 6. Terminal Block Location (Control Box)

NOTICE

Figure 6 shows the location of the 4-position terminal block for the DCA25SSIU4F generator. This terminal block will be in a similar location for the remaining generators.

2. Using wire cutters, cut any tie-wraps that are securing the **ORANGE** ACC wire to terminal 2 on the 4-position terminal block.

NOTICE

To prevent bad connections, tighten all wires to the terminal block securely. Be sure to align terminal screw correctly before tightening. The possibility exist of stripping the threaded terminal hole.

3. Using a small stubby phillips-head screw driver, remove the **ORANGE** ACC 1 wire connected to terminal 2 (Figure 7**B**) on the 4-position terminal block.
4. Reconnect the **ORANGE** and **YELLOW** wires back onto terminal 2 (Figure 7**D**) on the 4-position terminal block.
5. Next, using **RED** tape (Figure 7**C**), cover the ACC 1 label/marking on the **ORANGE** wire.
6. Route the **ORANGE** wire with the **RED** tape (Figure 7**D**) over to terminal 1 ***top*** (B+ power) on the 4-position terminal block.
7. Use tie-wraps to secure any loose wires.
8. Close control panel door.
9. Reconnect ***negative*** battery cable to the battery post.
10. Test the Emergency Stop Switch rewire as referenced in the ***Emergency Stop Switch Verification*** section of this bulletin.

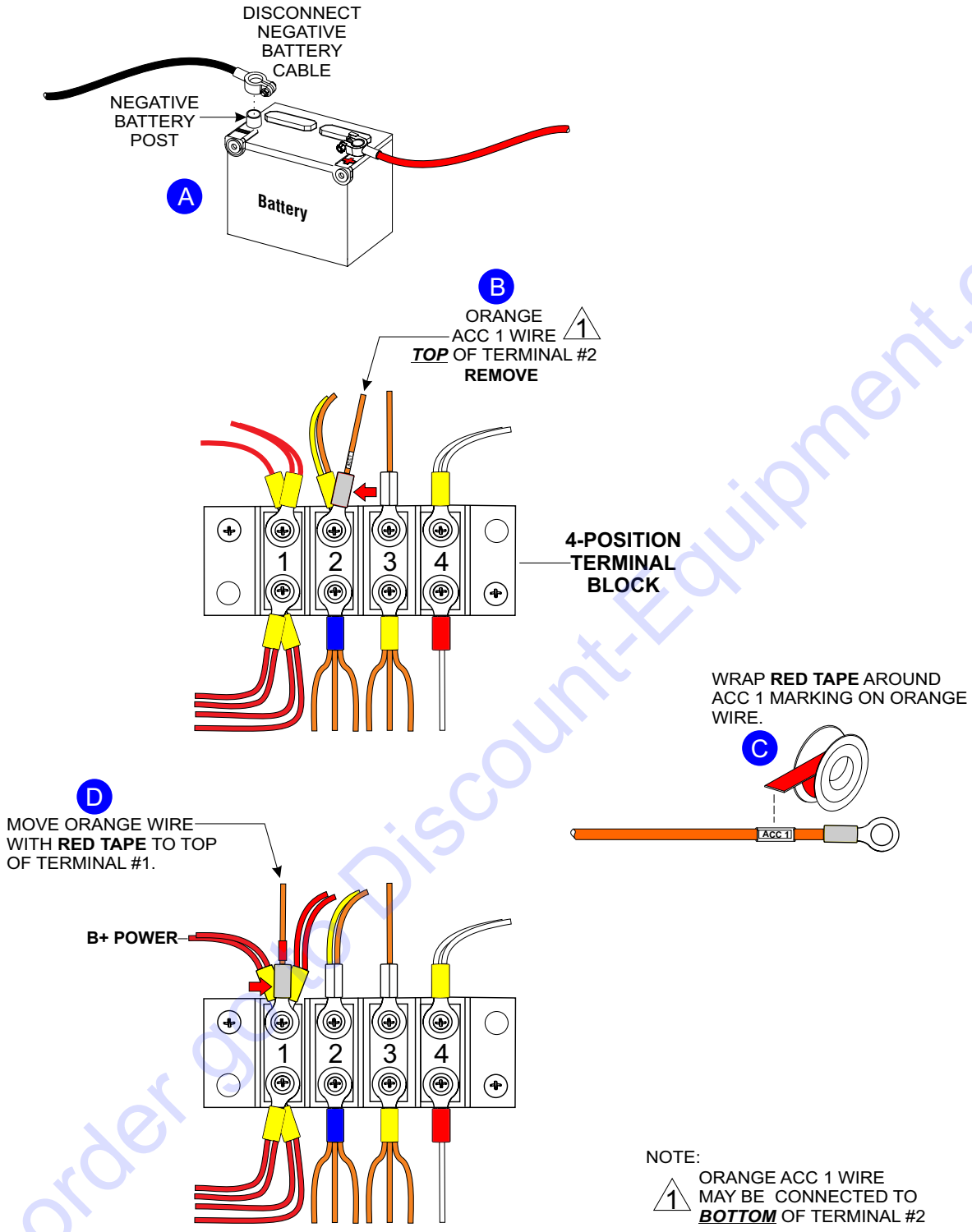

Figure 7. Emergency Stop Switch Wiring (4-Position Terminal Block)

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