

SB, Rectifier output wires not connected, Soff-Cut 2500, 2022-07

SYMPTOM/DESCRIPTION

Rectifier output wires are not connected to the key switch harness. With these wires not connected the battery will not be charged.

AFFECTED UNITS

<i>Serial number</i>	<i>Model</i>	<i>Customer Name</i>
1397685001	Soff-Cut 2500	543473 WHITE CAP CONS
1397685002	Soff-Cut 2500	N/A
1397483004	Soff-Cut 2500	538887 VALLEY CASH &
1397483003	Soff-Cut 2500	N/A
1397483002	Soff-Cut 2500	N/A
1397483001	Soff-Cut 2500	601933 STAR EQUIPMENT
1397124001	Soff-Cut 2500	600887 HUSQVARNA AB E
1397123002	Soff-Cut 2500	603257 WHITE CAP CONS
1397123001	Soff-Cut 2500	919130 BOBCAT OF THE
1397121002	Soff-Cut 2500	603257 WHITE CAP CONS
1397121001	Soff-Cut 2500	533526 WESTSIDE CONCR
1396383001	Soff-Cut 2500	600887 HUSQVARNA AB E
1396382001	Soff-Cut 2500	N/A
1396192002	Soff-Cut 2500	537609 CARROLL DISTRI

CORRECTIVE ACTION

Field repair of the harness is required **immediately**.

Update products in local stock.

PROCEDURE

How to Determine if a Soff-Cut 2500 is wired correctly:

1. Turn the key switch to the on position.
2. Look at the volt meter and note the voltage reading.
3. Start the engine
 - a. If the volt meter needle moves up to above 13.0 volts - No further action is required.
 - b. If the volt meter needle does not change or goes down - The SC2500 is affected and the instructions below describe how to correct it.

Repair Instructions

1. Disconnect the battery.
2. Open the back panel of the saw.
3. Cut all zip ties on the shaft in figure 1. Pull the bundle of wires down and find the black and white wire without a connector.



Figure 1:

4. From the bundle of wires pulled down:
 - Strip the end of the black and white wire about 3/8" (10mm) from the end.
 - Crimp the male connector to the white wire.
 - Crimp the female connector to the black wire.

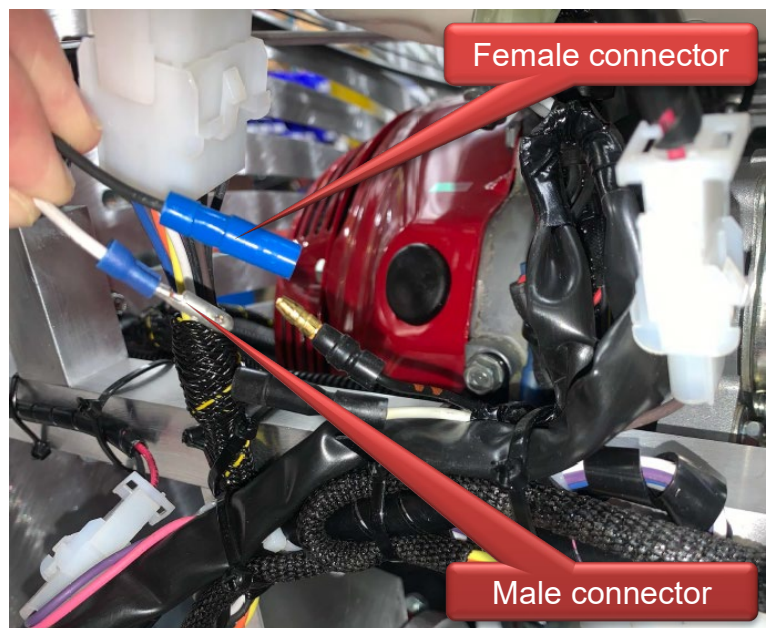


Figure 2:

5. Find the connection of the black and the white wires, see figure 3. Disconnect the black and the white wires.



Figure 3:

6. Perform the steps below, see figure 4:
- Push the black wire connectors together.
 - Push the white wire connectors together.
 - Bundle the wires together and zip tie back to the shaft.
 - Close back panel.

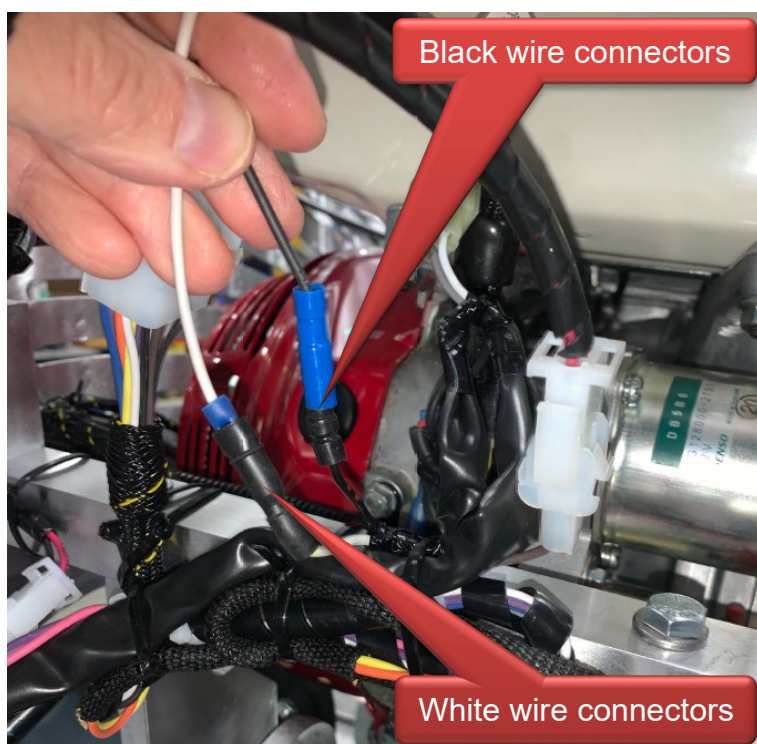


Figure 4:

7. Perform the steps below:
- Verify wiring.
 - Reconnect the battery.
 - Repeat the steps from "[How to Determine if a Soff-Cut 2500 is wired correctly:](#)"

PARTS INFORMATION

<i>Part Number</i>	<i>Description</i>	<i>Quantity</i>
No Husqvarna PN	Disconnect, Female Bullet Style	1
No Husqvarna PN	Connector, Bullet, 16-14 AWG Conductor	1
510331701	Ty-Wrap 8" Black	4

WARRANTY INFORMATION

The normal warranty policy applies.

Revision History

<i>Rev.</i>	<i>Date</i>	<i>Order id.</i>	<i>Description</i>
<i>A</i>	<i>2022-07</i>	<i>00021604</i>	<i>Created</i>