

TECH TIPS

Service Call:

Unit will not drive. How to check electric motors for shorts or open circuits.

Tools Needed:

7/16 inch open end wrench
1/2 inch open end wrench
masking tape
marker
VOM meter

Model:

Sepex models



Tech Tips Safety Rules



Danger

Failure to obey the instructions and safety rules in the appropriate Operator's Manual and Service Manual for your machine will result in death or serious injury. Many of the hazards identified in the operator's manual are also safety hazards when maintenance and repair procedures are performed.

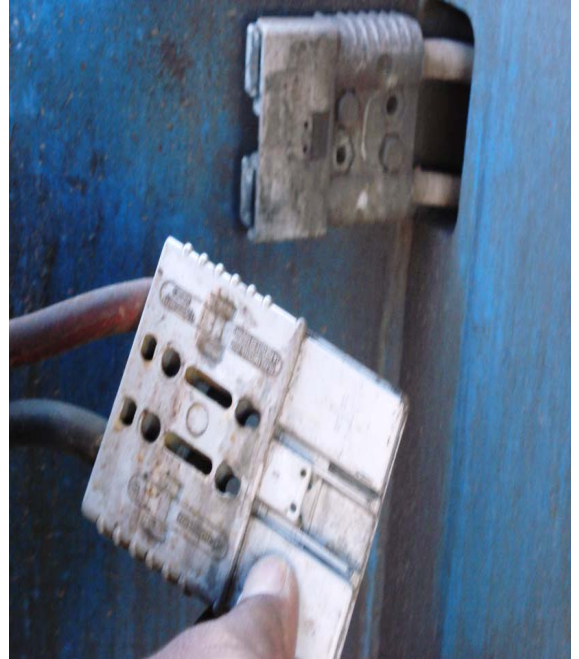
Do Not Perform Maintenance Unless:

- You are trained and qualified to perform maintenance on this machine.
- You read, understand and obey:
 - manufacturer's instructions and safety rules
 - employer's safety rules and worksite regulations
 - applicable governmental regulations
- You have the appropriate tools, lifting equipment and a suitable workshop.

The information contained in this tech tip is a supplement to the service manual. Consult the appropriate service manual of your machine for safety rules and hazards.

Step 1

Unplug both battery boxes



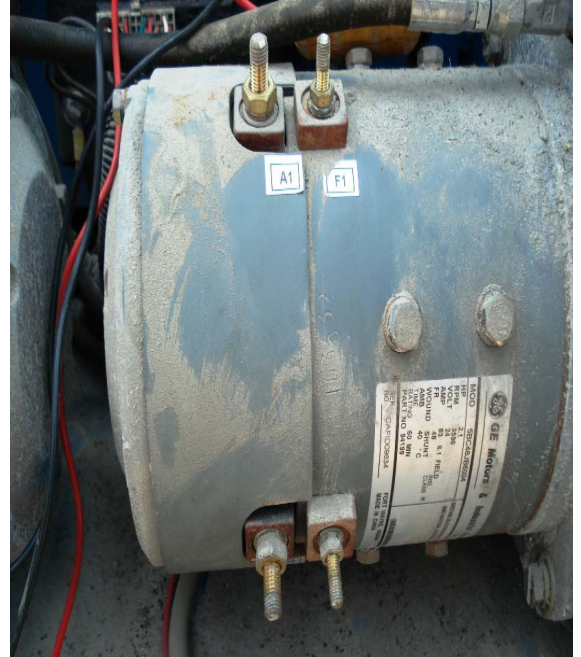
Step 2

Remove rear chassis cover



Step 3

Using tape and marker, label all cables on both electric motors and remove cables from motors



Step 4

Set volt meter to OHMS and perform a resistance check between the terminals A1 and A2. This should be a closed circuit with less than 1 ohm of resistance. Then check terminals F1 to F2 for the same results.

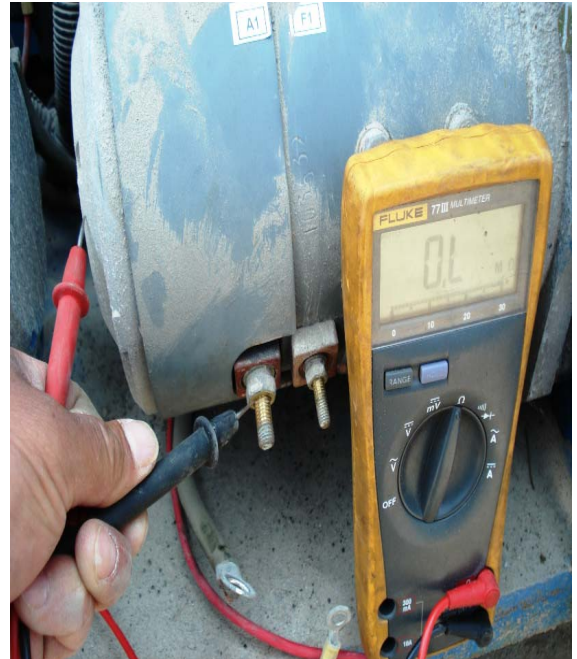
If results are higher than 1 ohm please call the Service Dept. at 1-800-536-1800 for further assistance



Step 5

Set volt meter to OHMS and perform a resistance check between the each terminal to the case of the motor. The results should be an open circuit. The meter should read OL or 500K ohms or more.

If results are less than 500K ohms please call the Service Dept. at 1-800-536-1800 for further assistance



Step 6