

Diagram 1. Jazzy 600 Troubleshooting Key

Flash Code #4 - Right Motor Fault

Symptoms:

Battery Condition Meter LEDs flash four times then pause.

Diagnosis:

This is an indication of a right motor harness open.

Solution:

Use the following procedure to clear the fault code:

1. Remove the seat. Refer to power base owner's manual.
2. Remove the rear shroud. See figure 3.
3. Remove the center shroud. See figure 3.
4. Unplug connector 4b from the power module (6). See diagram 3.
5. Measure resistance across pin 1 and pin 2 on connector 4b. See figure 25.
 - If your multimeter does not indicate 0.5 to 1.5 ohms, then go to the next step.
 - If your multimeter indicates about 0.5 to 1.5 ohms, then replace the power module (6) and retest the system.
6. Unplug connector 13a from connector 4a. See diagram 3.
7. Measure resistance across pin 1 and pin 2 on connector 13a. See figure 26.
 - If your multimeter does not indicate 0.5 to 1.5 ohms, then go to the next step.
 - If your multimeter indicates about 0.5 to 1.5 ohms, then replace the right motor interface harness (4) and retest the system.
8. Remove the brushes from the right motor and inspect them. See figure 27.
 - If the brushes are worn below 0.25 in. or are physically damaged, then replace the brushes and retest the system.
 - If the brushes are not worn below 0.25 in. and are not physically damaged, then replace the right motor (13) and retest the system.

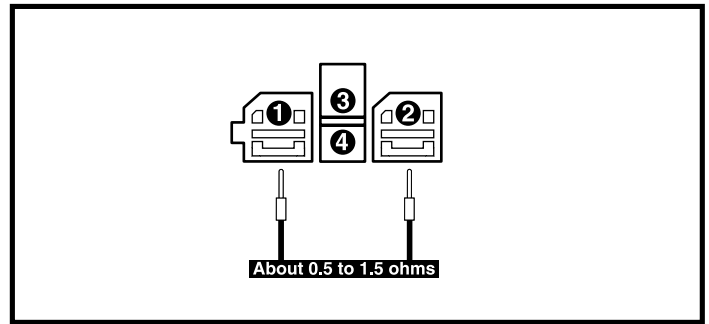


Figure 25. Connector 4b

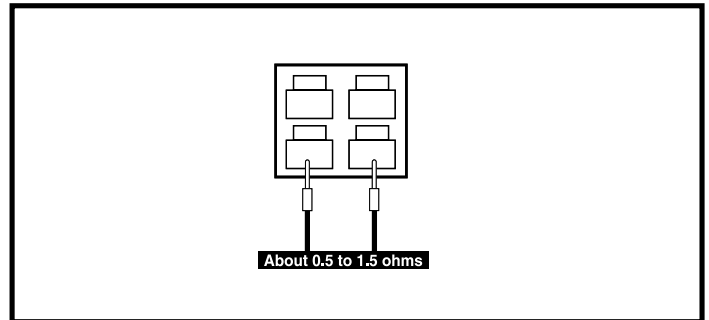


Figure 26. Connector 13a

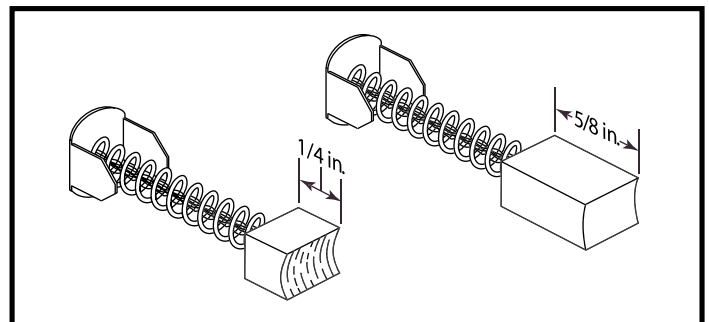


Figure 27. Motor Brushes

Flash Code #5 - Left Park Brake Fault

Symptom:

Battery Condition Meter LEDs flash five times then pause.

Diagnosis:

This is an indication of a left park brake open.

Solution:

Use the following procedure to clear the fault code:

1. Remove the seat. Refer to power base owner's manual.
2. Remove the rear shroud. See figure 3.

3. Remove the center shroud. See figure 2.
4. Unplug connector 5b from the power module (6). See diagram 3.
5. Measure resistance across pin 3 and pin 4 of connector 5b. See figure 28.
 - *If your multimeter indicates about 60 ohms*, then replace the power module (6) and retest the system.
 - *If your multimeter does not indicate about 60 ohms*, then go to the next step.
6. Unplug connector 5a from connector 12a. See diagram 3.
7. Measure resistance across pin 3 and pin 4 on connector 12a. See figure 29.
 - *If your multimeter indicates about 60 ohms*, then replace the left motor interface harness (5) and retest the system.
 - *If your multimeter does not indicate about 60 ohms*, then replace the left brake assembly and retest the system.

Flash Code #6 - Right Park Brake Fault

Symptoms:

Battery Condition Meter LEDs flash six times then pause.

Diagnosis:

This is an indication of a right park brake open.

Solution:

Use the following procedure to clear the fault code:

1. Remove the seat. Refer to power base owner's manual.
2. Remove the rear shroud. See figure 3.
3. Remove the center shroud. See figure 3.
4. Unplug connector 4b from the power module (6). See diagram 3.
5. Measure resistance across pin 3 and pin 4 of connector 4b. See figure 30.
 - *If your multimeter does not indicate about 60 ohms*, then go to the next step.
 - *If your multimeter indicates about 60 ohms*, then replace the power module (6) and retest the system.
6. Unplug connector 4a from connector 13a. See diagram 3.
7. Measure resistance across pin 3 and pin 4 on connector 13a. See figure 31.
 - *If your multimeter indicates about 60 ohms*, then replace the right motor interface harness (4) and retest the system.
 - *If your multimeter does not indicate about 60 ohms*, then replace the right brake assembly and retest the system.

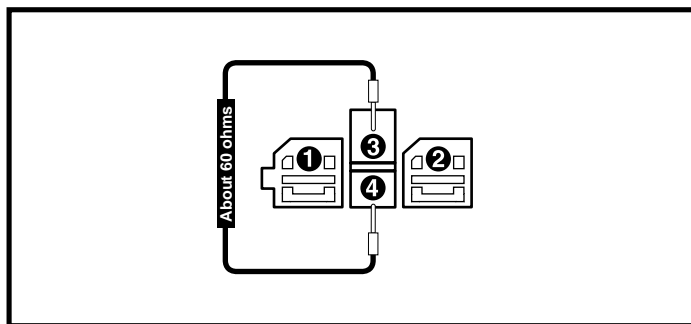


Figure 28. Connector 5b

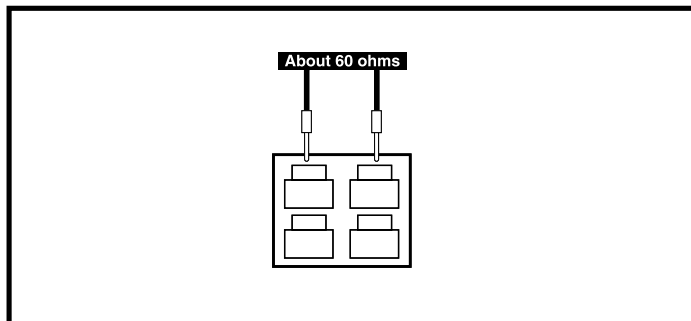


Figure 29. Connector 12a

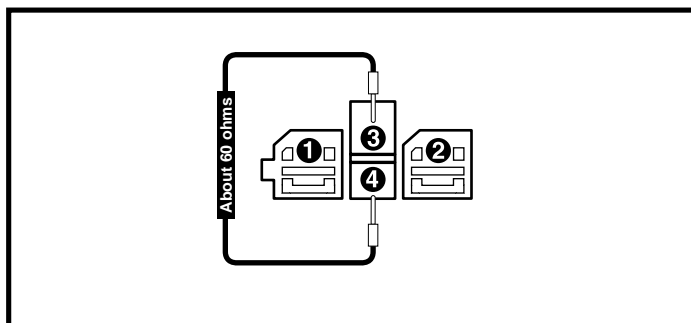


Figure 30. Connector 4b

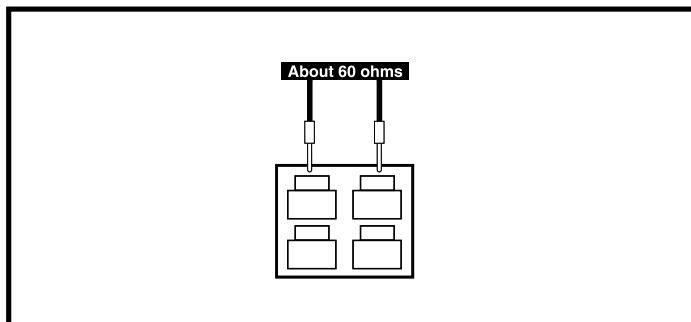


Figure 31. Connector 13a