

3. Unfasten the electronics tray from the frame. **See figure 12.**
4. Unplug connector 14b from the power module (4). **See diagram 2.**
5. Measure resistance across pin 1 and pin 2 of connector 14b. **See figure 25.**
 - *If your multimeter indicates an open, then go to the next step.*
 - *If your multimeter indicates about 0.5 — 1.5 ohms, then replace the power module (4) and retest the system.*
6. Unplug connector 14a from connector 9a. **See diagram 2.**
7. Measure resistance across pin 1 (red) and pin 2 (black) on connector 9a. **See figure 26.**
 - *If your multimeter indicates an open, then go to the next step.*
 - *If your multimeter indicates about 0.5 — 1.5 ohms, then replace the right motor interface harness (14) and retest the system.*
8. Remove the brushes from the right motor (9) and inspect them. **See figure 27.**
 - *If the motor brushes are worn below 0.25 in. or are physically damaged, then replace the motor brushes and retest the system.*
 - *If the motor brushes are not worn below 0.25 in. or are not physically damaged, then replace the right motor (9) and retest the system.*

Flash Code #5 - Left Park Brake (or connection) Fault

Symptom:

The System Status LED flashes five times and pauses. This sequence is repeated until the fault is cleared.

Diagnosis:

There is a fault with the left motor brake or the left motor brake connection.

Solution:

Use the following procedure to find the source of the fault:

1. Remove the seat and foot platform. Refer to the power base owner's manual.
2. Remove the shroud. **See figure 11.**
3. Unfasten the electronics tray from the frame. **See figure 12.**
4. Unplug connector 13b from the power module (4). **See diagram 2.**
5. Measure resistance across pin 3 and pin 4 on connector 13b. **See figure 28.**
 - *If your multimeter indicates an open, then go to the next step.*
 - *If your multimeter indicates about 60 ohms, then replace the power module (4) and retest the system.*

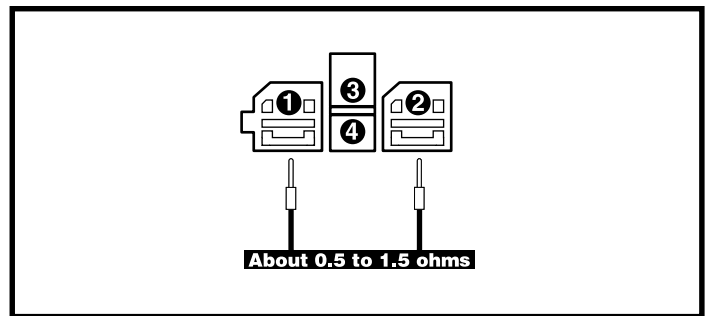


Figure 25. Connector 14b

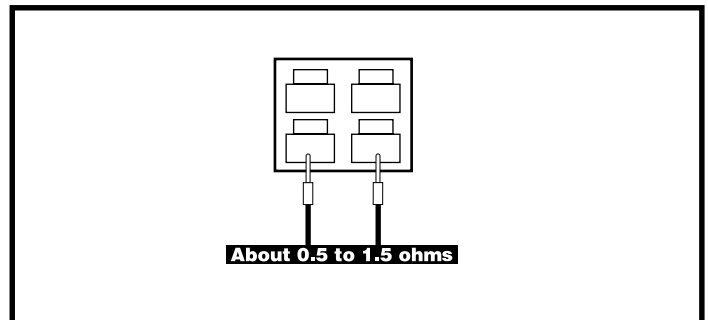


Figure 26. Connector 9a

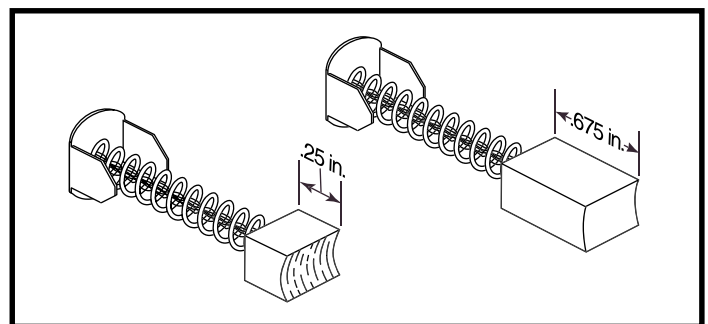


Figure 27. Motor Brushes

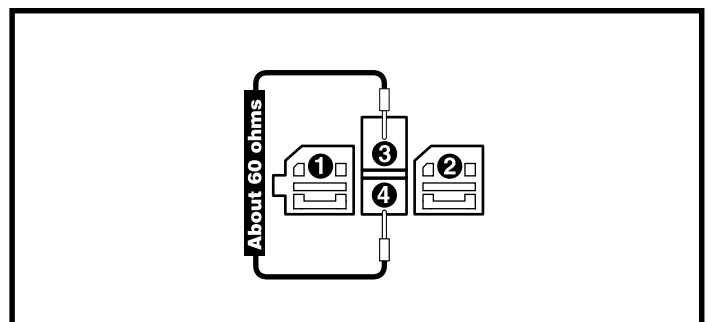


Figure 28. Connector 13b

6. Unplug connector 8a from connector 13a.
7. Measure resistance across pin 3 (white) and pin 4 (white) on connector 8a. **See figure 29.**
 - *If your multimeter indicates about 60 ohms*, then replace the left motor interface harness (13) and retest the system.
 - *If your multimeter indicates an open*, then replace the left brake assembly and retest the system.

Flash Code #6 - Right Park Brake (or connection) Fault

Symptom:

The System Status LED flashes six times and pauses. This sequence is repeated until the fault is cleared.

Diagnosis:

There is a fault with the right motor brake or the right motor brake connection.

Solution:

Use the following procedure to find the source of the fault:

1. Remove the seat and foot platform. Refer to the power base owner's manual.
2. Remove the shroud. **See figure 11.**
3. Unfasten the electronics tray from the frame. **See figure 12.**
4. Unplug connector 14b from the power module (4). **See diagram 2.**
5. Measure resistance across pin 3 and pin 4 on connector 14b. **See figure 30.**
 - *If your multimeter indicates an open*, then go to the next step.
 - *If your multimeter indicates about 60 ohms*, then replace the power module (4) and retest the system.
6. Unplug connector 9a from connector 14a. **See diagram 2.**
7. Measure resistance across pin 3 (white) and pin 4 (white) on connector 9a. **See figure 31.**
 - *If your multimeter indicates about 60 ohms*, then replace the right power interface harness (14) and retest the system.
 - *If your multimeter indicates an open*, then replace the right brake assembly and retest the system.

Flash Code #7 - Low Battery Fault

Symptom:

The System Status LED flashes seven times and pauses. This sequence is repeated until the fault is cleared.

Diagnosis:

Battery voltage has dropped below 22VDC.

Solution:

Use the following procedure to find the source of the fault:

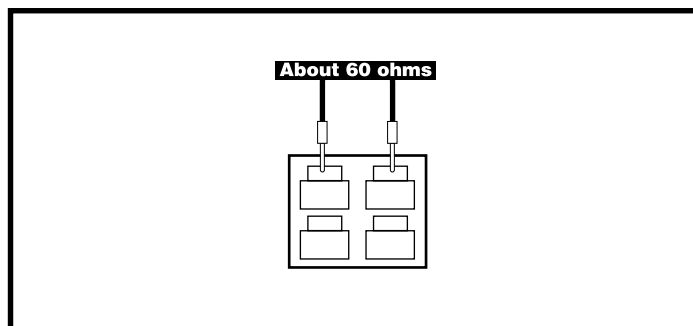


Figure 29. Connector 8a

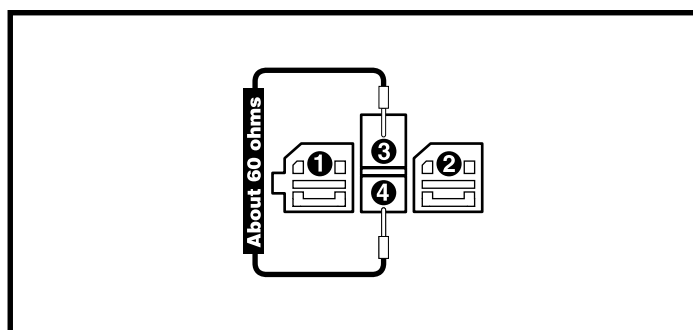


Figure 30. Connector 14b

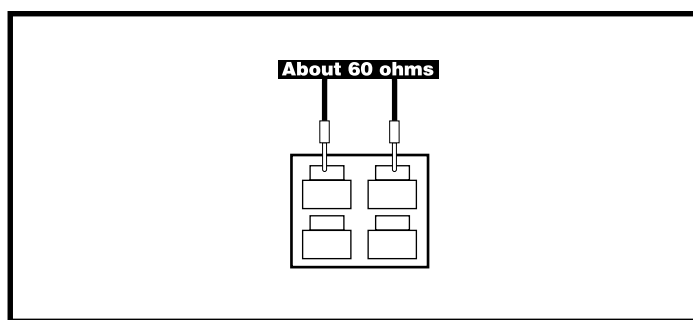


Figure 31. Connector 9a

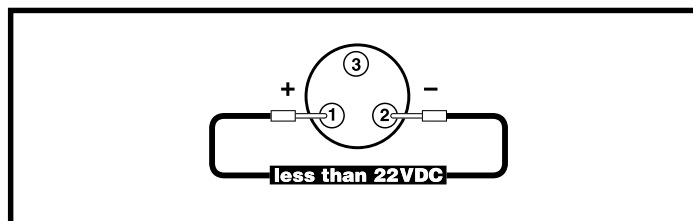


Figure 32. Connector 1a

- | | | |
|--------------------------------------|-----------------------------|---|
| 1 JOYSTICK MODULE | 5 POWER INTERFACE HARNESS | 9 RIGHT MOTOR |
| 2 DX BUS CABLE | 6 ONBOARD BATTERY CHARGER | 10 FRONT BATTERY HARNESS |
| 3 CHARGER/JOYSTICK INTERFACE HARNESS | 7 CHARGER INTERFACE HARNESS | 11 REAR BATTERY HARNESS |
| 4 POWER MODULE | 8 LEFT MOTOR | 12 CHARGER POWER CORD INTERFACE HARNESS |
| | | 13 LEFT MOTOR INTERFACE HARNESS |
| | | 14 RIGHT MOTOR INTERFACE HARNESS |

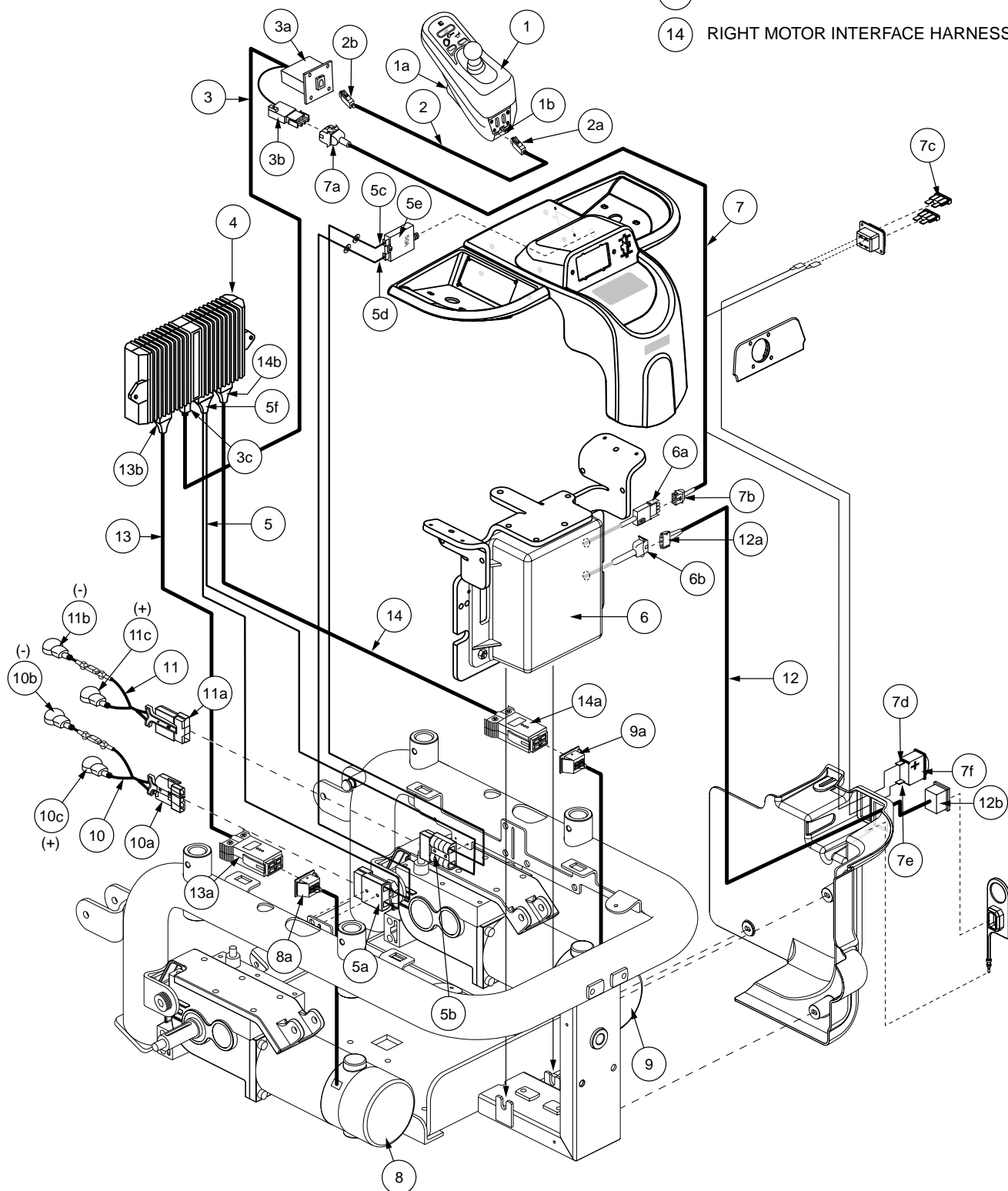


Diagram 2. Jazzy 1121 Europa Wiring Diagram - 3D