

## Flash Code #6 - Inhibit Active

### Symptoms:

Battery condition meter LEDs scroll left to right.

### Diagnosis:

- An off-board charger is connected to the off-board charger socket (1a).
- There is a short between pin 2 and pin 3 of connector 1a.

### Solution:

If the VSI controller indicates an inhibit active fault and there is no off-board charger plugged into connector 1a, then replace the VSI controller (1) and retest the system.

## Flash Code #7 - Possible Joystick Fault

### Symptoms:

There are seven battery condition meter LEDs flashing.

### Diagnosis:

- The VSI controller has a problem with the joystick (gimble).
- The joystick was out of the neutral (center) position when powered up. The battery condition meter LEDs will ripple side-to-side twice, then display seven flashing LED's.

**NOTE:** If the battery condition meter is showing seven flashing LEDs, make sure there is no physical damage to the joystick keeping it from returning to the neutral (center) position.

### Solution:

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

1. Turn the VSI off. Make sure the joystick is not being depressed in any direction.
  2. Turn the VSI back on.
- If the VSI still displays this fault, replace the VSI controller (1) and retest the system.

## Flash Code #8 - Possible Controller Fault

### Symptoms:

There are eight battery condition meter LEDs flashing.

### Diagnosis:

This is an indication that there is a problem with the VSI controller.

— If this fault occurs, replace the VSI controller (1) and retest the system.

## Flash Code #9 - Solenoid Brake Fault

### Symptoms:

Nine Battery Condition Meter LEDs Flashing

### Diagnosis:

There is an open on the motor brakes.

### Solution:

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

1. Unplug connector 1c from connector 2a.
2. Measure resistance across pin 7 and pin 9 and across pin 8 and pin 9 on connector 2a. See figure 37.

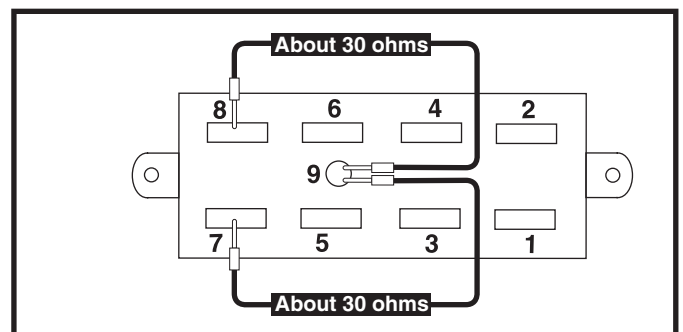


Figure 37. Connector 2a