

- C. **Do not crank dead vehicle for more than 15 seconds.**
Wait 90 seconds in between cranking attempts. Failure to do so will cause damage to the starter and/or the Start•All Jump•Pack®.

NOTE: It is possible for an E5 error code to be displayed. Please refer to the Error code section of this manual for more information on error codes.

- D. Once started, turn off the unit and disconnect the clamps from the battery and reattach the clamps to the docking station. Turn off the unit.

TROUBLESHOOTING

1. Start•All Jump•Pack® CHARGED?

For heavy vehicles make sure the unit has at least 65% charge, 85% if it is cold. For light vehicles make sure the unit has at least 50% charge, 65% if it is cold. If the Start-All Jump Pack is below 25%, it will cause an E0 error to be displayed. Please refer to the Error code section of this manual for more information on error code E0.

2. Start•All Jump•Pack® ON/OFF

Ensure that the MAIN ON/OFF power switch is in the “ON” position.

3. ACTIVATION LED INDICATOR “8”s?

Is the LED blinking red to green or is it a solid red or green? Solid green “8” is a correct connection and a solid red “E” followed by a number is an error. No current will flow to the battery when there is an error, except for “E4”, low temperature.

4. ALTERNATING RED & GREEN “8” ’s

The unit will flash red and green 8’s while it is searching for a battery to connect to. If the amps are too low or the connection is poor, the unit may not connect. Make sure that the connection is clean and put the ignition switch into the Accessory (ACC) position with the headlights or radio turned on.

5. CABLE ALARM?

Is there a beeping indicator alarm during connection? Red “E” followed by a number and beeping is an error code. Immediately disconnect the clamps, then refer to the LED indicator guide.

6. KEY POSITION?

Put the ignition switch into the Accessory (ACC) position. This will help activate the unit.

7. CAN’T GET THE Start•All Jump•Pack® TO CONNECT?

If the Start•All Jump•Pack® does not show a green “8” when connected to a dead vehicle:

- Make sure to turn on the Start•All Jump•Pack® before connecting to the dead vehicle
- Verify the clamps are connected properly
- Turn on lights or the radio
- Verify that the dead vehicle is a 12V DC or 24V DC system
- Verify that the Start•All Jump•Pack® is adequately charged

If those steps do not resolve the problem, you may manually activate the system. This activation disables some safety features.

MANUAL ACTIVATION FOR LOW VOLTAGE BATTERIES

The Start•All Jump-Pack® is designed to jump-start 12V DC or 24V DC lead-acid battery systems at very low voltage. If your battery is too low or unable to take a charge, the unit will display alternating red and green 8's. This is an indication that the Start•All Jump-Pack® cannot detect a battery. If you need to jump-start a battery in this condition, turn on the headlights, blower, and/or another accessory. If the Start•All Jump-Pack® still does not activate, there is a Manual Activation feature, which allows you to force "ON" the jump-start function.

CAUTION! USE THE MANUAL ACTIVATION MODE WITH EXTREME CARE THIS MODE IS FOR 12V DC OR 24V DC LEAD-ACID BATTERIES ONLY BOTH THE SPARK PROOF AND REVERSE POLARITY PROTECTION FEATURES ARE DISABLED. PAY VERY CLOSE ATTENTION TO THE POLARITY OF THE BATTERY BEFORE USING THIS MODE. DO NOT ALLOW THE POSITIVE AND NEGATIVE BATTERY CLAMPS TO TOUCH OR CONNECT AS THE PRODUCT WILL GENERATE SPARKS. THIS MODE USES A VERY HIGH CURRENT (UP TO 10,000 AMPS) THAT CAN CAUSE SPARKS AND HIGH HEAT IF NOT USED PROPERLY.

IF YOU ARE UNSURE ABOUT USING THIS MODE, DO NOT ATTEMPT AND SEEK PROFESSIONAL HELP.

Before using the Manual Activation feature, make sure the battery clamps are connected to the correct polarity battery terminals. To use the Manual Activation feature, press and hold the "12V ON/OFF" button for three (3) seconds. A solid Green 8 will indicate you have successfully entered Manual Activation mode and are ready to jump-start your vehicle.

CAUTION! POWER THE Start•All Jump Pack® "OFF" BEFORE DISCONNECTING THE BATTERY CLAMPS. THIS WILL ENSURE YOUR SAFETY. REMEMBER BOTH THE SPARK PROOF, AND REVERSE POLARITY PROTECTION FEATURES ARE DISABLED.

8. AUTOMATIC TRANSMISSION?

For automatic transmissions only, make sure the truck is in the neutral/park position.

9. MANUAL DISCONNECT SWITCH

(Truck option) Turn the manual disconnect switch "ON". Location of disconnect switch varies by truck manufacturer.

10. CLEAN TERMINALS?

Make sure that the terminals are free of plastic caps, paint, rust, dirt, or grease that can hinder the connection.

11. JUMP START PORT?

Does your truck have a jump-start port connection? If so, use the starting port before attempting to connect directly to the batteries.

12. SHORT BATTERY?

If the battery is sulfated, it will be shorted and will need to be replaced. Sulfated batteries cannot be charged or jump started.

13. DEAD?

If the lead acid battery is completely dead; it will show voltage below 5VDC. In this situation the device will not activate and the battery must be replaced.