

3. Evolution Controller (2013 and later)

1. Unlock and open the generator lid.
2. Turn the generator switch to the OFF mode.
3. Remove the 7.5 Amp fuse from the top of the control panel.
4. Remove the generator front panel.
5. Disconnect the negative (-) black lead from the generator battery.

NOTE: Removing the fuse and /or battery negative lead will require the exercise information be re-entered into the controller for the exercise feature to operate.

3.1 - Wiring

Two wires need to be added to the wire harness. The harness is plugged into a connector on the underside of the Evolution controller.

1. Bottom (underside) of Evolution Controller for Steps 1-3. Unplug the 20-pin connector (J1) and the 16-pin connector (J2) from the control panel underside by carefully releasing the latch on the side of each connector, Figure 5.

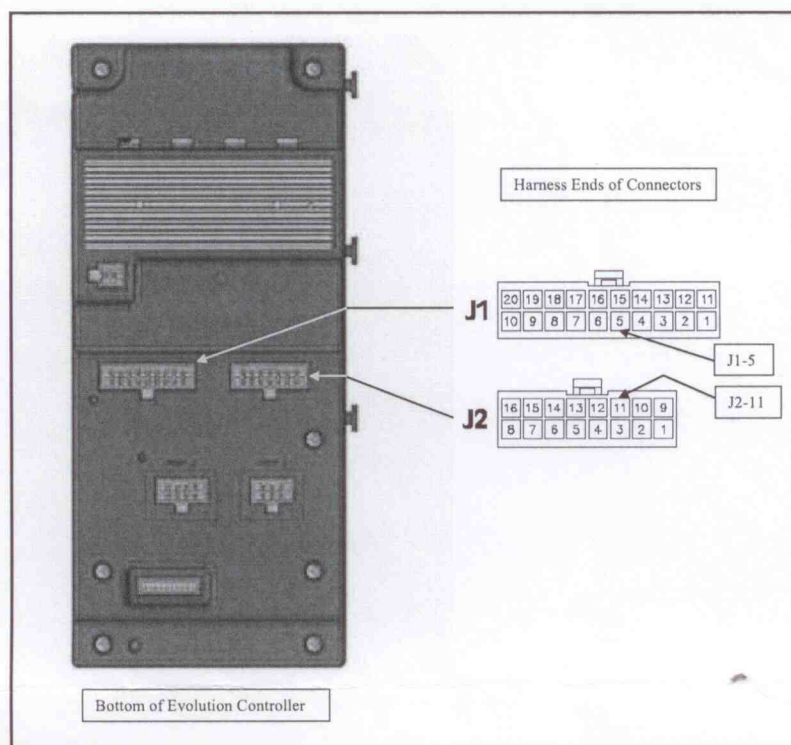


Figure 5. Bottom (underside) of Evolution Controller

2. Use the kit's two white wires (0J0973A) and insert the wire ends, with terminals, into the open location 5 of the J1 connector and open location 11 of the J2 connector. The other ends of both white wires will be connected to the start switch.
3. Install the J1 and J2 harness connectors back into the J1 and J2 connectors on the back of the control panel. See Figure 5.
4. Reconnect the negative (-) black lead to the battery.
5. Install the generator front panel.
6. Install the control panel 7.5 Amp fuse.
7. Leave the generator in the OFF mode. Proceed to **3.2 - Programming Procedure**.

3.2 - Programming

- Perform the following steps to enter the password and enable the two-wire start:

1. Be certain that both battery leads are connected, the 7.5 Amp fuse is installed and the generator switch is in the OFF mode (red light on control panel is on).

NOTE: Once the password has been entered and you go to the EDIT screen, the password will be canceled when you exit that screen. It can be re-entered again, if necessary.

2. Press the ESCAPE key to display the menu screen.
3. Press the following key sequence: **UP, UP, ESCAPE, DOWN, UP, ESCAPE, UP**. This will enter the password.
4. Use the up/down arrow keys to navigate to the SUB MENU field and then press ENTER to display the sub menu.
5. Use the up/down arrow keys to navigate to the DEALER field and then press ENTER to display the dealer menu.
6. Use the up/down arrow keys to navigate to the DEALER-EDIT field and then press ENTER to display the dealer edit menu.
7. Use the up/down arrow keys to scroll through the parameters until 2 WIRE START SELECT is displayed. Press ENTER to select this parameter as the one to be edited.
8. Use the up/down arrow keys to change the display to read YES.
9. Press ENTER to store the data. Remote start is now enabled.
10. Place the generator switch in the AUTO mode (green light on the control panel is ON).