

Autocruise Solar Panel Fitting

If you read through you will find that there are at least three possible locations for the connection.

My connection block was located behind a false panel

in a cupboard just behind the drivers seat

Mine was in a panel between the wardrobe and first overhead locker.

#with the TV aerial in.

Fitting a solar panel to the system is very straightforward.
First, locate the terminal block.

Autocruise have pre wired the connections from the EMS to a terminal block, which is usually located behind a dummy panel at the back of the main control panel.

The input is designed to take Solar Panels rated up to 100w and does not need a separate regulator.
If the Solar Panel is wired backwards, the system will show it as not charging!

The final step is to enable the feature on the control panel. This process involves the use of "secret" keypresses which should not be disclosed to end customers since fiddling here can stop the system functioning correctly!!!

This is a fairly straightforward process as follows:

1. Starting with the display showing the clock screen, press and HOLD the "Enter" Button (Central Button below the display). Until you hear a beep.
2. Press and HOLD the down arrow (Left button below the display), until you hear a beep.
3. Press and HOLD the up arrow (Right button below the display), until you hear a beep.
4. Press (do NOT hold) the down arrow (Left button below the display), until the display shows "System Setup" (This is the "secret" Menu for installers only)
5. Press (do NOT hold) the Enter Button
6. Press (do NOT hold) the down arrow (Left button below the display), until the display shows "NrgMgr Setup"(Energy Manager Setup).
7. Press (do NOT hold) the Enter Button
8. Press (do NOT hold) the down arrow FOUR TIMES (Left button below the display), until the display shows "Solar Panel installed? No"
9. Press and HOLD the up arrow (RIGHT Button below the display) until the display shows "Solar Panel installed? Yes"
10. Press (do NOT hold) the Enter Button to save the setting
11. To take the control out of installer mode, momentarily press the start button which is DIRECTLY TO THE LEFT OF THE DISPLAY (i.e. NOT the down arrow).
12. When you press the Solar Amps Button, the current will now be displayed. This value will also now be taken into account when calculating battery time remaining.

Take Care:

Do not wire the Panel in backwards

The Batteries can be left connected for this operation. If the control panel won't turn on, it is likely the solar panel has been plugged in before the Batteries have been connected. If so, unplug the Solar Panel. Plug the batteries in, THEN plug the Solar Panel back in.