

Replacing a PX300 charger with a PX310 charger

Required Parts

P1000-26 Wiring Harness (for Swift & Autotrail models)

P1001-26 Wiring harness (for Autosleepers models)

PX310 Battery Charger

Procedure

1. Ensure the 230V mains supply is switched off and the PSU has been switched off using the system shutdown button. It is also recommended to remove the 12V leisure battery fuse.
2. Remove the 230V mains input and 12V output plugs from the PX300 charger and remove the charger from its current mounting location.
3. Attach the PX310 in the same location as the PX300, noting that screw fixing locations are in different positions. Note:- You may wish to re-position the new charger so the LCD screen can be viewed easily.
4. The 4 x screws holding the PSU in place should now be removed to allow access to the PCB located on the rear face of the unit.
5. Locate and remove the black plug from connector E10
Locate and remove the white plug from connector E11 (Autosleepers vehicles only)
The plug and cabling removed from E10 is no longer needed and can be safely stored.
6. The new wiring harness should now be connected as follows:-
Connect the black plug to connector E10 on the PSU
Connect the white plug to connector E11 on the PSU



Note:- For Autosleepers vehicles only, the white plug on the new harness will have an additional short cable terminated in a butt connector. On the white plug previously removed from E11, the cable should be cut and attached to this butt connector.

7. The PSU can now be re-fitted and fixed with 4 x screws.
8. The other end of the harness should now be routed to the PX310 charger location and connected to terminals marked 'DC OUTPUT' and 'Mains On'
9. Connect the mains input connector (removed from the PX300) to the 'AC INPUT' connection on the PX310



10. Ensure the PX310 charger switch is in the ON position before switching on power to the PSU and testing the charger.
11. Referring to the included manual, use the LCD screen to set the battery type being used.