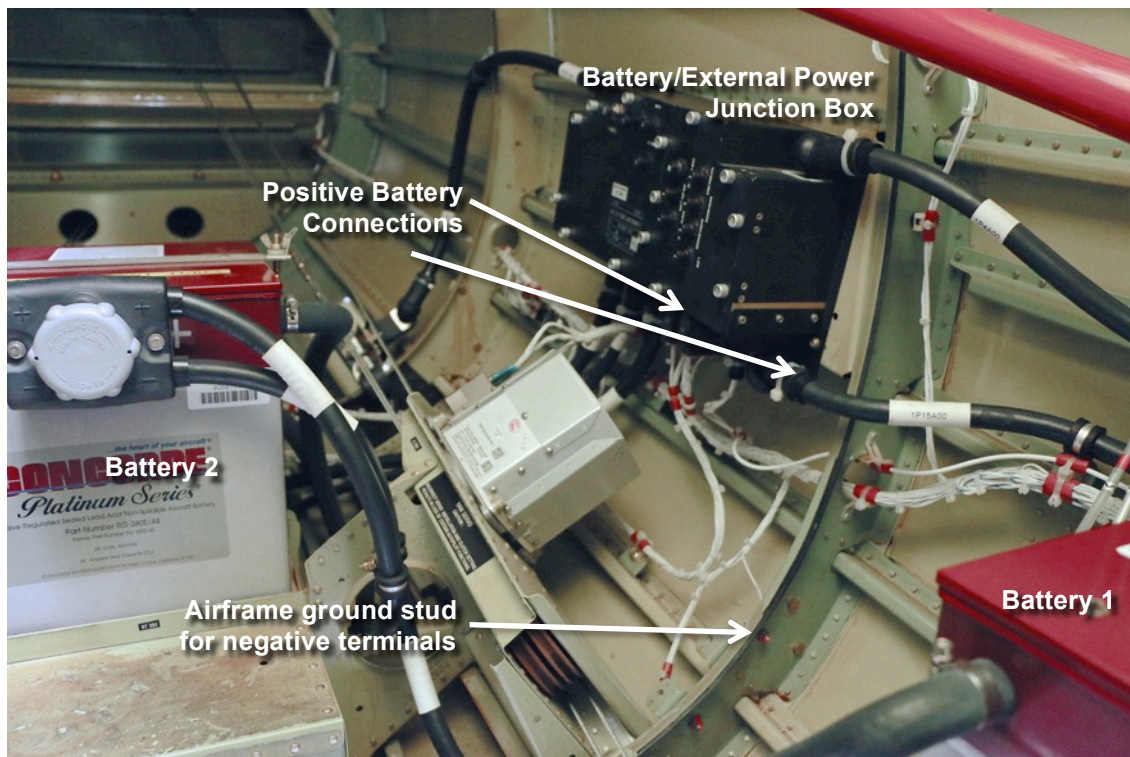


## Enhanced Flight Model BM-AIK1/2 Airframe Interface Kit for **BatteryMINDER**® Maintenance Charger Installation Example: Pilatus PC12

Please read the general [instructions supplied with the BM-AIK](#) kit first, and then supplement with these details specifically for the Pilatus PC12.

Depending on the model year, a Pilatus PC12 turboprop may have either 1 or 2 batteries. The illustrations here are for a late model PC12 NG, which has 2. The batteries are located in the tail section and accessed through a perforated door panel. The batteries are wired to a battery/external power junction box, which has easily accessible terminals for connecting the positive lead of the maintenance charger wiring harness kit. Do not connect the charger wiring kit directly to the battery. The photo below illustrates these locations.

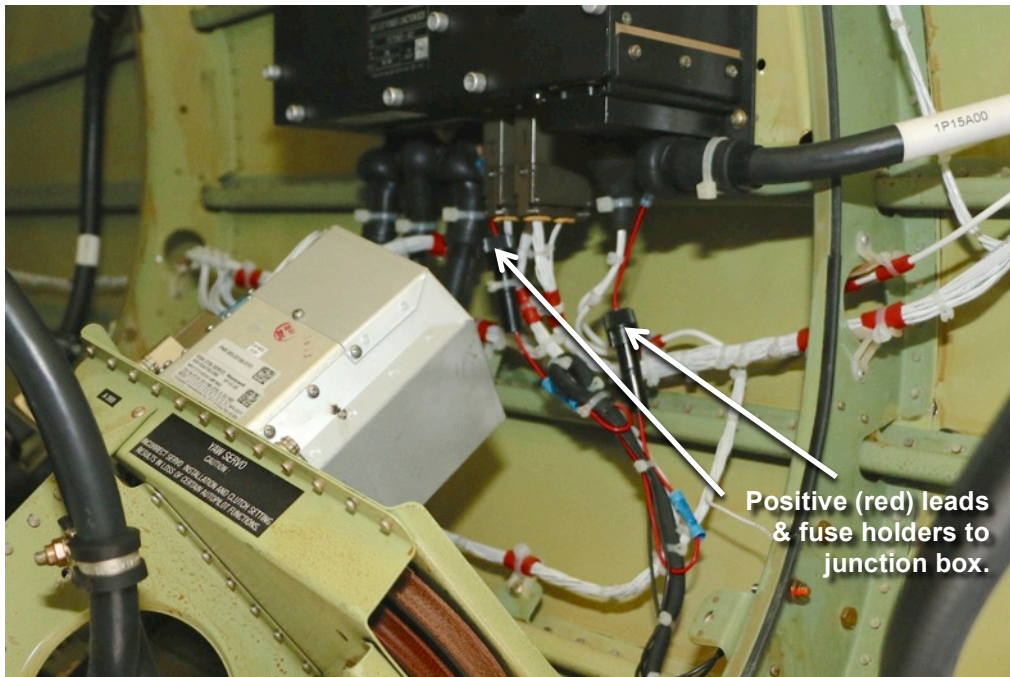


The aft left corner of the door opening is a good place to locate the red SB50 connectors. This installation example shows a simple mounting bracket that was fabricated and attached through an existing hole in the airframe. Use standoffs or spacers to provide at least .30" clearance for the elastomeric dust cover(s). The mounting bracket and standoffs are not included. Use standard hardware parts & procedures.



Mounting bracket for SB50 plugs with covers and labels

Wires from the SB50 plug are routed down and through an opening in the former. Use the fiberglass protective sleeving provided to protect the wires from airframe chafing. Secure the wires to airframe or existing wire harnesses moving toward the junction box.



Positive (red) leads & fuse holders to junction box.

To finish up, label the SB50 plugs or covers as "MAINTENANCE CHARGER". Connect the BatteryMINDER to aircraft and check for proper operation. Then perform cockpit electrical system test for normal operation.