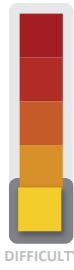




Installation Instructions

PART NUMBER	158-8471 & 158-8472	
PART DESCRIPTION	INTERNAL BATTERY CHARGER	
REV DATE	09/30/2011	
MACHINE MODELS	ION A/B	

TOOLS NEEDED	PARTS
Drill 11/64" Drill Bit Phillips Screwdriver 11/32" Wrench	

TECHNICAL NOTE

Please thoroughly read the instructions prior to performing the installation of this assembly. To avoid any potential problems, if at any time during the process you have a question, stop and contact our Tech Support department at the numbers listed below.

STEPS

1. Lay the machine down in the operating position and disconnect the power from machine.
2. Unplug the existing battery charger cords and remove charger & plate from the machine.
3. Remove old charger from the charger plate.
4. Position the template supplied on top of the plate and using a drill w/ 11/64" bit, drill four new holes into the charger plate as indicated on the template.



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5. Position the 154-6417-2911 Battery Charger Plate on the bench so the "U" shaped cut-out is towards the left, w/ the (2) .171" holes on the center of the edge of the long side of the plate towards you.
6. Lay the 158-8470 ProTech Battery Charger on the plate so the end w/ the power cord plug is toward the left. Line the (4) mounting holes in the charger up w/ the mounting holes in the plate.
7. Place a 153-2002 #8 Flat Washer on each of the (4) 153-2086 8-32 x 5/8" MS. Push two of the screws up through the holes in the backside of the plate & the charger mounting slots. Secure on the topside w/ another 8-32 Flat Washer & a 153-2019 8-32 Locknut. Tighten screws completely.
8. Run the black cable plugged into the left side of the charger along the long edge of the plate closest to you. Slide both 153-1049E 3/8" Harness Clamps onto the cable, lobes upward & towards you. Push 2 more of the 8-32 MS through the two front holes, the slots in the charger, then through the 3/8" harness clamps. Secure on the topside w/ another #8 Flat Washer & 8-32 Locknuts. Tighten screws completely.
9. Re-install the charger plate assy back into the machine
10. Plug the charger cables back into the harness cables.
11. Plug machine into the wall outlet and using a voltmeter, check new charger for proper output voltage.



