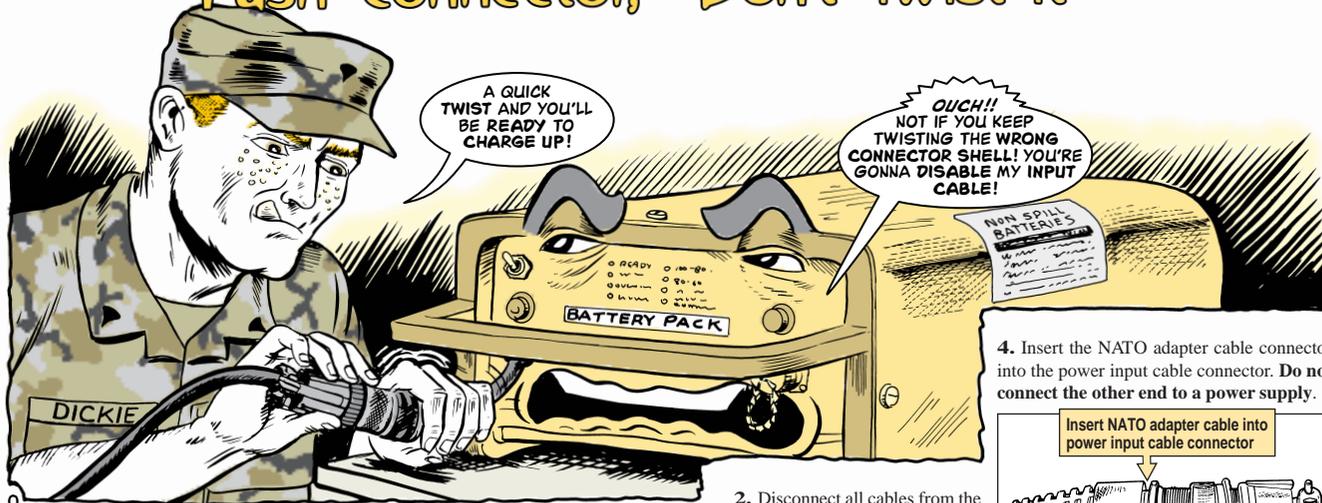


# Push Connector, Don't Twist It



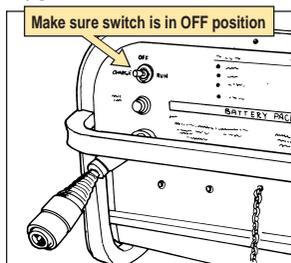
If your unit has a company-level field feeding kitchen kit, NSN 7310-01-455-5710, you could have an electrical cable problem.

When using the modern burner unit's (MBU) NATO adapter cable, NSN 7310-01-454-1241, to recharge the MBU's battery pack, NSN 7310-01-453-6565, some units have melted the cable casing or shorted out the connector on the battery box power input cable—or both.

Why? Because they twisted the shell of the cable connector on the battery box input cable instead of the locking ring. If you have a molded connector on your battery box, you are good PS 573

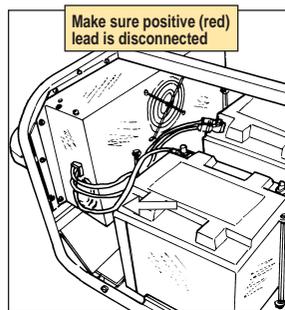
to go. If not, before you use that cable again, make sure the connector's not shorted. Here's how:

1. Turn the toggle switch on the battery pack to OFF.

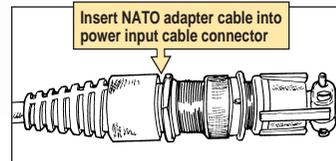


2. Disconnect all cables from the battery pack.

3. Open the battery pack and disconnect the positive (red) lead.



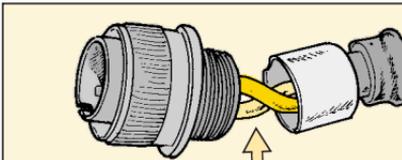
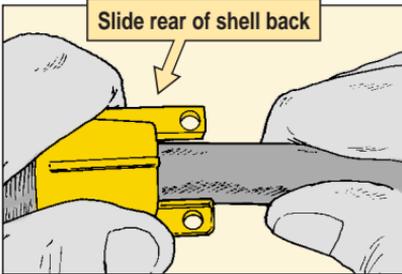
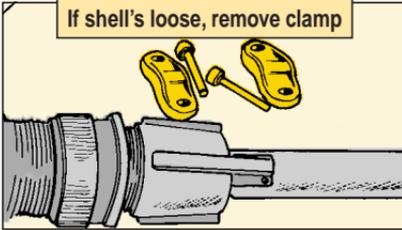
4. Insert the NATO adapter cable connector into the power input cable connector. Do not connect the other end to a power supply.



5. Hold the end connector of the NATO adapter, then check to see if the rear shell of the power input cable connector is loose.

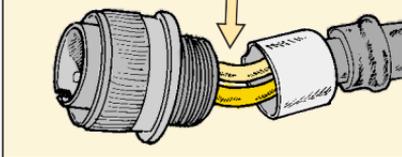


6. If the rear shell is loose, remove the cable clamp, completely loosen the shell by holding the cable housing and rear shell of the connector and slide the rear shell back, exposing the wires under the shell. Check the wires to see if they are twisted. If they are, remove the battery pack from service. If they're not twisted, reassemble the connector and you're good to go.

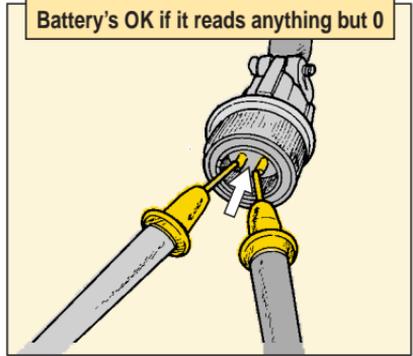


Wires twisted? Battery pack's out of service

Wires straight? Battery pack is good to go



7. If the connection is tight, connect an ohmmeter across the pins of the power input connector. A zero reading means there is a short circuit. Don't use the battery pack. If the ohmmeter reads anything else, the battery is OK.



These actions are temporary fixes and will not prevent the connector from shorting or the shell from twisting. Arrangements are being made to have a manufacturer's representative permanently repair all fielded battery packs.

Got more questions? Contact the folks at Soldier and Biological Chemical Command. Call Glenn Doucet, DSN 256-4058 or (508) 233-4058 or Timothy Benson, DSN 256-5543 or (508) 233-5543.

PS END

