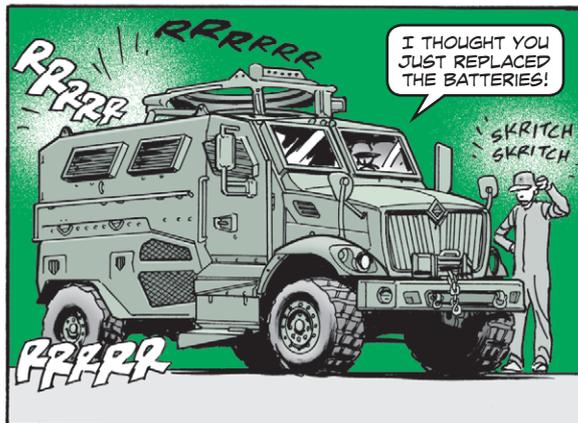


Battery Removal and Installation



You've just deployed to the sandbox again, but this time something's different. There's a new vehicle in your unit's motor pool. Now you have the IMG mine resistant ambush protected (MRAP) vehicle, NSN 2355-01-553-4634.

Whenever a new vehicle comes on the scene, the challenge of maintaining it comes right along with it. And knowing how to remove and install the battery is a basic maintenance task that you mechanics ought to know.

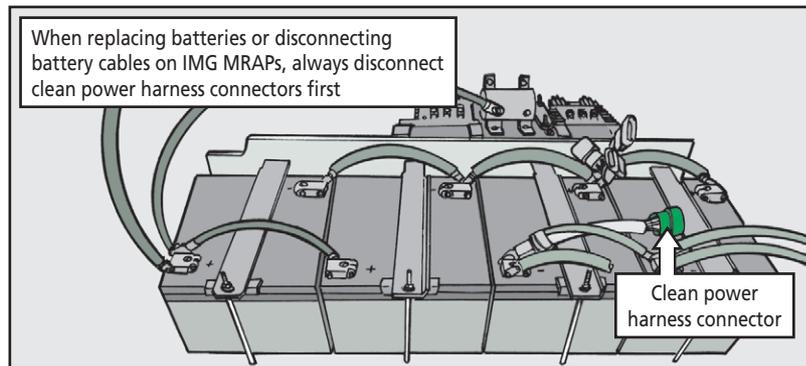
Not sure how to do this on the MRAP? You have to follow the right instructions, or you could blow the transmission control module 10-AMP fuse. Then you won't be able to start your engine. The battery cable disconnect procedures aren't correct in the TMs, so here's the solution for you.

Removing the Battery

1. Disconnect the clean power harness connectors.
2. Disconnect the ground terminal. The conduit is black.
3. Disconnect the positive 24-volt terminal. It has a blue conduit.
4. Disconnect the remaining battery terminals.
5. Remove the battery hold-down clamp.
6. Remove the batteries.

Installing the Battery

1. Install the batteries.
2. Install the battery hold-down clamp.
3. Connect the positive 24-volt terminal, shown with the blue conduit.
4. Connect the remaining cables.
5. Connect the ground terminal, shown with the black conduit.
6. Connect the clean power harness connectors.



For more information on this, eyeball TACOM LCMC's MAM 08-017. You can view it on the AEPS website using your AKO user name and password:

https://aeps2.ria.army.mil/commodity/mam/tacom_wn/08/mam08-017a.html

Lead-Acid Batteries...

USE THE LABEL!

You've probably noticed the label on your vehicle's lead-acid battery. You know, the one with the removable tabs for month and year.

You're supposed to remove the appropriate tabs when you install the battery. That way, if and when the battery goes dead, you know if it died before its time.

But too many operators aren't taking advantage of the label. It only takes a few seconds. And when that battery fails, you'll be glad you remembered to do it.