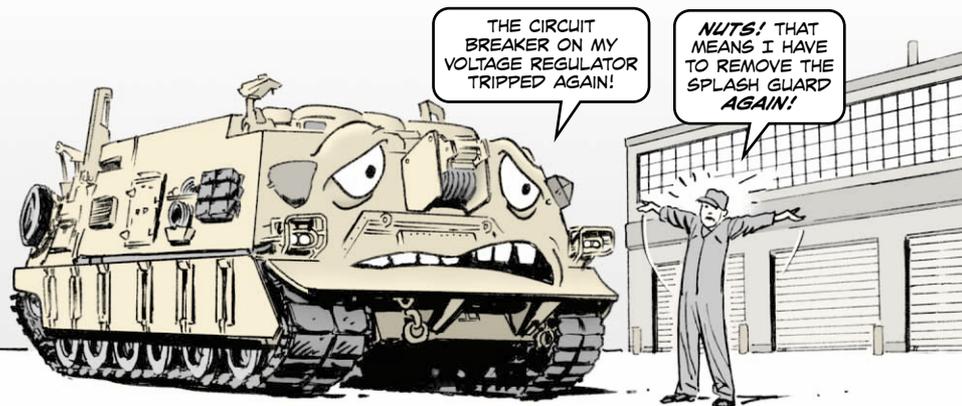


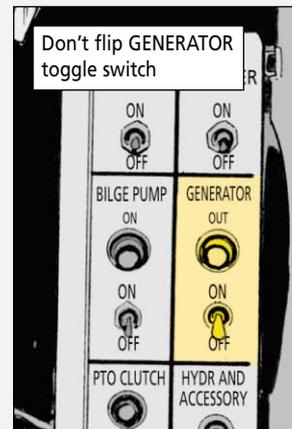
# VOLTAGE REGULATOR A REAL TRIP



Tripping the circuit breaker on top of the voltage regulator of your Hercules can be a real pain. The metal splash shield, NSN 5340-01-421-2084, that covers the circuit breaker has to be removed before you can reset the breaker.

Your best bet is to keep from tripping the circuit breaker in the first place. Here are the main causes:

• **Generator toggle switch.** Flipping the GENERATOR toggle switch back and forth while the engine is above idle speed can trip the breaker. There's no need to use the toggle switch at all since the Hercules has the 650-amp oil-cooled generator. The switch should **always** stay in the down position.



- **Poor battery condition.** Dirty or corroded batteries can trip the circuit breaker. Keep 'em clean.
- **Loose generator connections.** Loose or corroded generator connections can trip the circuit breaker. Keep connections tight and clean.
- **Corroded voltage regulator.** Corrosion on the voltage regulator itself can lead to a tripped breaker. Keeping it clean is your best defense.

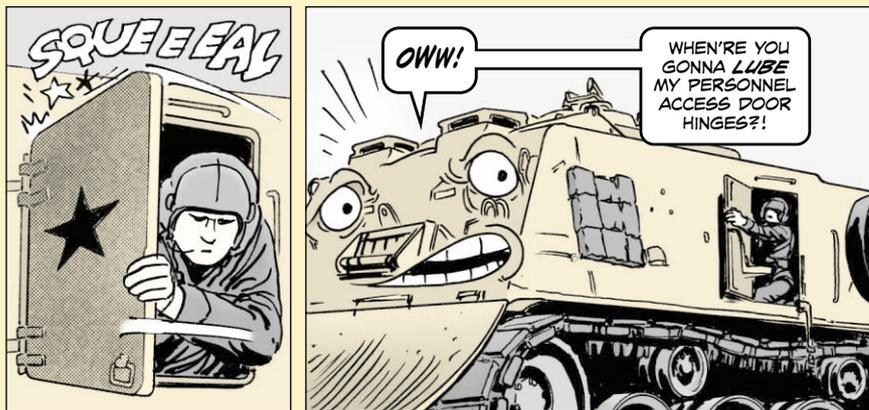
A new kit is being fielded to replace the metal splash guard with a flexible rubber guard. Once installed, the rubber guard is easily lifted up so you can reset the circuit breaker. The new guard will be provided by TACOM's Recovery Vehicle Management Office as part of a contractor-applied modification.

TACOM maintenance advisory message (MAM) 05-039 has the straight scoop. See your TACOM LAR for a copy, or check it out on the AEPS website at:

[https://aeps2.ria.army.mil/commodity/mam/tacom\\_wn/05/mam05-039.html](https://aeps2.ria.army.mil/commodity/mam/tacom_wn/05/mam05-039.html)

Your AKO username and password will give you access to the site.

# DOOR HINGES NEED LUBE, TOO



The two side personnel access doors on your M88A1 recovery vehicle are heavy and hard to open. But they won't get any easier to open if you don't lube the hinges on a regular basis.

Lube the hinges quarterly with GAA like it says on Page J-8 of TM 9-2350-256-20. Swing the doors open and closed to help spread the lube. That'll make the doors a lot easier to open next time.

