

MRAP M-ATV...

Battery Cable Pinch



≡SNIFF-SNIFF≡
MMMMM!
SOMETHING'S
COOKING!

I LOVE
A GOOD
BARBEQUE!



HEY!
WAITAMINNT!!
THAT'S ME
COOKING!!

Where there's smoke... there may be fire! Keep that in mind with the M-ATV's battery power cables.

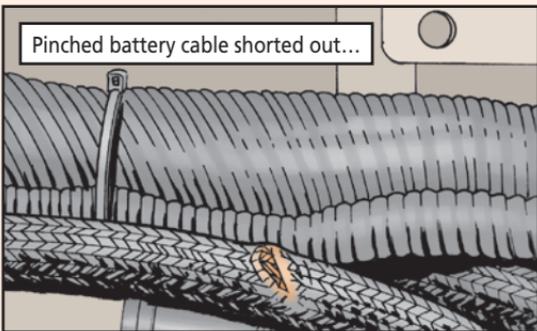
Before the smoke and fire hit your M-ATV, you need to get down on your hands and knees and inspect the vehicle's battery cables, especially behind the transfer case area and hull.

Here's what to look for:

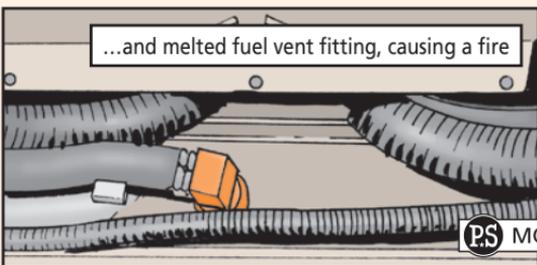
Transfer Case Area

One recent fire came from a battery cable and hose clamp that were pinched against a steel plate in the transfer case area, causing an electrical short.

The short melted a steel vent elbow, which released and ignited fuel vapors, causing a fire beyond the reach of the vehicle's fire suppression system (FSS). That particular fire melted the engine's fuel return line and damaged all the air, fuel and electrical lines in the transfer case area forward of the fuel tank. The fire had to be put out with a hand-held fire extinguisher.



Pinched battery cable shorted out...



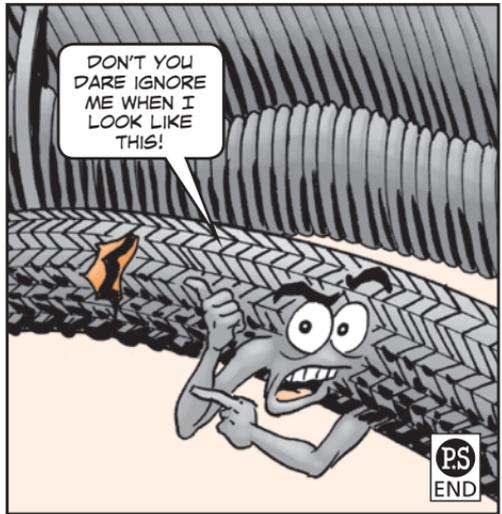
...and melted fuel vent fitting, causing a fire

Behind the Hull

In another case, a battery cable behind the hull shorted out against the Roxtec armor cover. This fire occurred behind the hull, directly above the front of the fuel tank!

Plain and simple—a damaged or chafed battery power cable renders the M-ATV NMC.

The headshed is working on a solution to stop these fires with added wire insulation or re-routing. But until they do, tell your mechanic about any chafing or damaged cables **PRONTO!**



M872A4 Semitrailer TM Note Change

A caution sticker on your M872A4 semitrailer says, "Do not connect the 12-volt and 24-volt cables at the same time or damage to the tractor electrical system may occur!" It's found on the right side of the intra-vehicular (IV) receptacles. So the note shown in WP 0004 00 and WP 0007 00 of TM 9-2330-331-14&P (Dec 05) that says, "During blackout operation, both the 12-volt and 24-volt power cables are required," is wrong. The note should read, "During blackout operation, only the 24-volt power cable is required." Make a note until the TM is updated.

M939/A1/A2-Series Truck Hot Water Heater Blower Motor

A new blower motor for the M939/A1/A2 5-ton's personnel water heater comes with NSN 6105-01-608-3974. It replaces NSN 6105-00-512-9225, which is shown as Item 27 in Fig 549 of TM 9-2320-272-24P-2 (Feb 99). The new blower motor includes an impeller fan, mounting hardware and instructions. Install it just like you did the old fan by following the procedures starting on Page 3-782 of TM 9-2320-272-24-2 (Jun 98).

Turn In All Towbar Parts

When it's time to turn in your wheeled vehicle towbar, NSN 4910-01-365-9304, make sure you include all of its components. Too often, towbars are arriving at Red River Army Depot, TX, without the clamp assembly, NSN 5120-00-624-0556. That increases costs and adds to the time it takes to repair and reissue the towbars.