

Safety Bulletin



MRAP OVERHEAD WIRE HAZARD II MRAP OIF SB-030



A Soldier was recently injured when a broken electrical wire struck .50 cal ammunition mounted on a MRAP. The MRAP drove under some wires and as a wire rode up the wire protection system it either became taught and broke, or abraded and broke. Regardless, when the wire broke, it fell onto the ammo box and the electrical charge (heat) caused the ammo to cook-off and injure the Soldier. Personnel must understand the deflector is **not** intended for deliberate or continual deflection of overhead wires. Routes that present hazards such as wires, narrow roads or roads of questionable stability must be noted and made available throughout the unit.

There are several important do's and don'ts to remember when applying these solutions:

Do's: Use non-metallic materials that are operationally compatible with CREW Systems formed in an arch going from front to rear over items that extend above the roofline of the vehicle. (see photos below) Include a daily inspection of the wire protection system in your daily vehicle checks for serviceability.



Don'ts: Do not use metal materials as an arch over the vehicle; these materials will conduct any electrical current present resulting in possible electrocution. Do not position any metal fasteners on the arch in a manner that could contact the wire.

Use extreme caution anytime around electrical wires especially while backing the vehicle.

This addition helps prevent entanglement in wires, it is **not** intended for deliberate or continual deflection of overhead wires.

Army Safe is Army Strong!

Stay Focused!

Stay Alert!

Stay Alive!

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