

CLEANING BALLISTIC WINDOWS

CLEAN YOUR GLASS RIGHT...



MAINTAINING AND CLEANING THE BALLISTIC WINDOWS ON HMMWVs HAS ALWAYS BEEN A CHALLENGE, BUT THE WINDOWS ON THE UP-ARMORED M1114s REQUIRE EVEN MORE ATTENTION TO DETAIL.

HERE'S WHAT YOU NEED TO KNOW ABOUT CLEANING-AND ABOUT THE PROBLEMS CREATED BY BUG SPRAYS, SPRAY SOLVENTS AND SPRAY CLEANERS.



PS 635

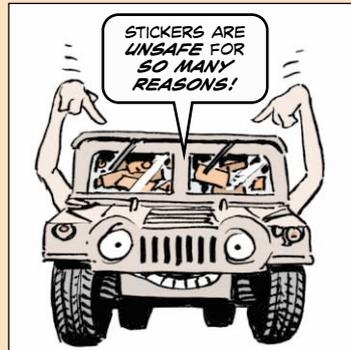
M1114 Up-Armored HMMWVs

Cleaning the windows on the M1114 Up-Armor HMMWV is a whole new can of worms. That's because the interior surface of the M1114's ballistic glass has a self-healing layer.

The only way to clean the glass is like so:

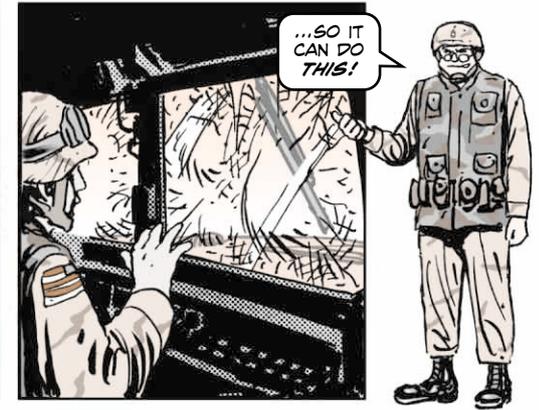
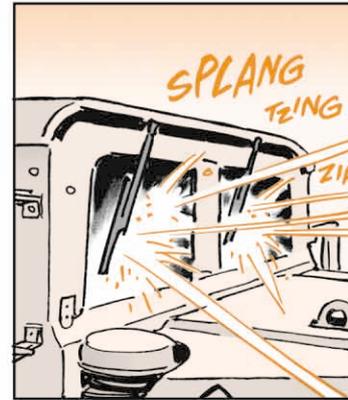
- Remove dust and loose abrasive particles using clean, filtered air at 20 psi.
- Wash the interior windows with mild detergent and warm water. Dry the windows with a clean, soft lint-free cloth.
- Remove stubborn marks and stains with a clean, soft lint-free cloth and equal parts of isopropyl or ethanol alcohol and water.

Last but not least, remember not to use scrapers or any object that damage the window's inside surface. Do not apply stickers, labels, solvents or abrasive materials to the glass.



10

OCT 05



Windows on Other HMMWVs

Cleaning the windows on earlier models of HMMWVs is easier, but you still have to take care how you clean.

Follow this procedure for plastic door windows:

- Wash it with detergent and water, using a soft, clean cloth.
- Apply hand cleaner, NSN 8520-00-782-3509, with a clean soft cloth or sponge.
- Wipe off the cleaner immediately with a dry cloth.

Follow this procedure for ballistic windows:

- Clean the outside of ballistic windows the same way you clean plain glass. The inside surface is a plastic laminate that takes special care. Wash only when the glass is cool.
- Add detergent, NSN 7930-00-282-9699, to a gallon of water using the directions on the bottle.
- Saturate a soft cloth with the solution and lightly rub the window surface.
- Lightly rinse off the cleaner with water and dry with a soft cloth. Do not scrub.
- Apply polish, NSN 7930-00-935-3794, and let dry. Wipe clean.

Bug Spray, Solvents a No-No

The propellant inside cans of bug spray, spray cleaners and paint can crack the glass. They, and liquid solvents, are murder on the plastic surfaces of ballistic glass. So keep them away from your windows!

