

Avenger Missile System...

PM WITH A VENGEANCE WILL KEEP YOUR AVENGER AVENGING.

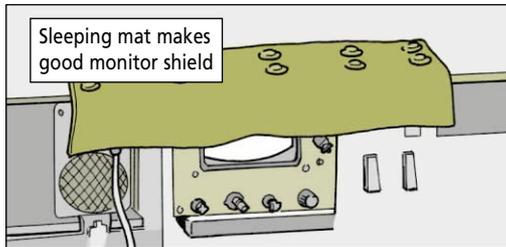
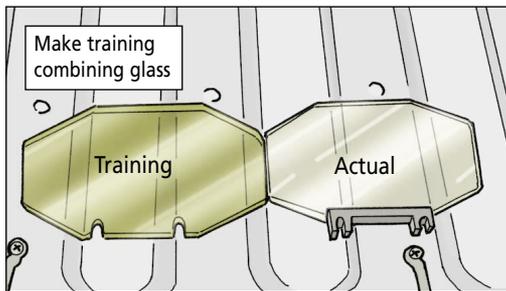
YOU GOT THAT RIGHT!

This and That for Your Avenger

Fabrication

Don't use the combining glass for training. It's breakable and very expensive. Have a training combining glass cut from plexiglass using the real glass for a pattern. Take the cheap sub to the field and leave the real one safely locked up.

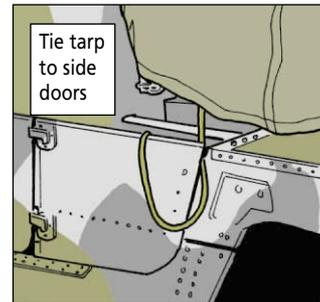
If the monitor shield for the forward looking infrared (FLIR) is broken, make a temporary replacement with an old sleeping mat, NSN 8465-01-109-3369. Use a good shield as your pattern. Order a new shield with NSN 1430-01-416-1436.



Tarp

If you use an old Bradley tarp to cover the entire Avenger when it's sitting in the motor pool, don't tie off the tarp inside the truck. That ruins the doors' seals. The best way to tie down the tarp is to use bungee cords attached to the tarp's ropes and to the underside of the HMMWV. No bungee cords? Tie off the ropes in the HMMWV's two half doors.

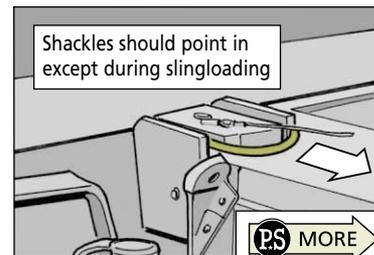
To order just the canopy cover, use a DD Form 1348-6 with PN 13265043 and a CAGE code of 18876 and RIC of B64.



Slingloading

Make sure the sling-lifting shackles point inboard except during slingloading. If they point out, they will gouge the missile pods when the pods are raised.

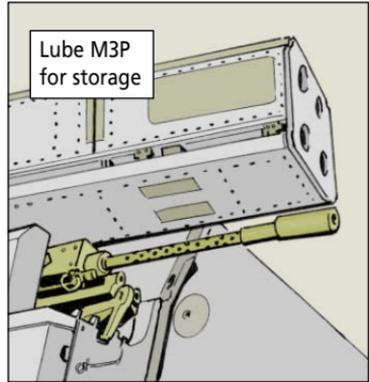
For slingloading, tie the ropes just to the HMMWV, but use the Avenger shackles as sling guides, not tie points. Never tie the ropes to any part of the Avenger. The back of the Avenger could be torn off.



M3P Machine Gun

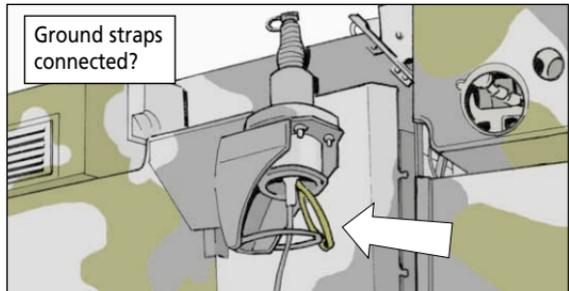
The M3P must be cleaned and lubed before it's stored in the arms room. Otherwise, corrosion can eat it up. Some units in humid areas report that the barrel is especially prone to corrosion. If the M3P hasn't been fired in 5 days, clean and relube it to boost its corrosion protection. Do not lube inside the bore or chamber, though—just lube the barrel's outside. Para 4-2 in TM 9-1425-433-10 gives the cleaning and lubing procedure.

Order a cover for the M3P on a DD Form 1348-6 with PN 13265042 and a CAGE code of 18876 and a RIC of B64.



Antenna Ground Straps

Make sure the antenna grounds are good during before-operation PMCS. If they're not, you'll have poor comms and you can also set off MILES when you use the radio. Good grounds are tight and have metal-to-metal contact with no corrosion.



Travel

Don't strap camo netting to the canopy. The netting's weight throws the canopy out of alignment and ruins its seal.

Loading Missiles

Before you load or unload missiles—real ones or the training kind—in the standard vehicle mounted launcher (SVML), pull the missile circuit breaker on the gunner's console. If you forget, voltage will fry the launcher electronics assembly (LEA) cables and the ground pin in the launcher connector.

