

Therapy for the Improved Outer Tactical Vest

VERY INTERESTING.
SO TELL ME ABOUT
YOUR CHILDHOOD.

WHEN I WAS A LITTLE BOY BODY
ARMOR, NONE OF THE OTHER EQUIP-
MENT WOULD PLAY WITH ME.

HMMWVS ROLLED,
HOWITZERS
BOOMED, TANKS
CLATTERED,
MIGS FIRED.
BUT NOT ME.

THE OTHER
EQUIPMENT
TAUNTED ME
BECAUSE I
DIDN'T CLICK,
CLACK, WHIRR,
BUZZ, RUMBLE,
BOOM OR
LIGHT UP.

HA, HA!
YOU DON'T
HAVE ANY
MOVING
PARTS!

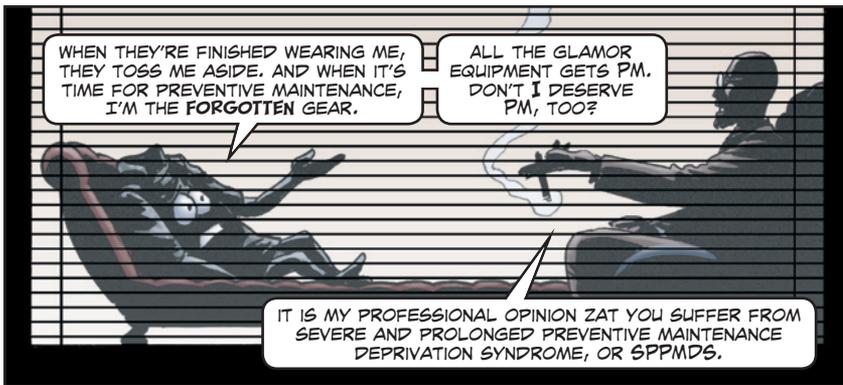
NOT EVEN
A **CIRCUIT**
CARD!

≡SNIFF≡

VERY
INTERESTING.
YOU WERE A
SOCIAL OUTCAST.
SCORND AND
SHUNNED BY
YOUR FELLOW
EQUIPMENT.

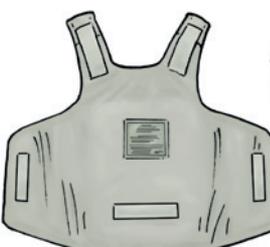
SO TELL
ME, DID
YOU **HATE**
YOUR
MOTHER?

THAT'S THE SAD STORY OF
MY CHILDHOOD, DOC. EVEN
TODAY, SOLDIERS TREAT ME
LIKE I'M A NOBODY.



I PROTECT SOLDIERS. MY **SOFT BALLISTIC PANELS** PROTECT THEM FROM LIGHT FRAGMENTATION AND 9MM ROUNDS. AND MY **HARD ARMOR PLATES** SHIELD THEIR VITAL ORGANS FROM MULTIPLE HITS FROM ROUNDS AS LARGE AS 7.62MM.

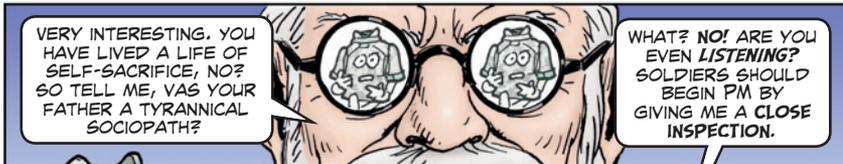
SOFT BALLISTIC PANELS



HARD ARMOR PLATES



FOR THAT REASON ALONE, SOLDIERS SHOULD TAKE AN INTEREST IN MY CONDITION. THAT MEANS DOING **THOROUGH PREVENTIVE MAINTENANCE.**



Inspection

THEY SHOULD **START THE INSPECTION WITH MY CLOTH CARRIERS.** INCLUDING...

- front carrier
- back carrier
- side plate carrier
- yoke and collar
- cable release assembly

THEN I'D HAVE THEM MOVE ON TO MY **DELTOID, LOWER BACK AND GROIN PROTECTOR CARRIERS.**



FINALLY THEY'D **FINISH UP BY INSPECTING MY SOFT BALLISTIC PANELS AND MY HARD ARMOR PLATES.** INCLUDING...

- Enhanced small arms protective inserts (ESAPI) or X small arms protective inserts (XSAPI)
- Enhanced side ballistic inserts (ESBI) or X side ballistic inserts (XSBI)

Inspecting Cloth Carriers

INSPECT **BOTH THE INSIDE AND THE OUTSIDE OF MY CLOTH CARRIERS.**

HERE'S WHAT TO LOOK FOR...





Cuts, rips, tears, holes, or burns

Torn pockets or flaps

Torn or frayed webbing

Hits from fragmentation or small arms fire

Dirt, stains or debris

Hook-and-loop fastener that won't close securely

Loose or broken stitching

Torn, damaged or missing hook-and-loop fasteners

Inspecting the Cable Release Assembly

HERE'S HOW TO **INSPECT MY CABLE RELEASE ASSEMBLY...**



1. Remove all hard armor plates from the vest. Put the vest on.
2. Pull the cable release strap. Make sure the vest completely detaches and falls away.
3. Reattach the vest. Make sure the release cables are properly connected. Also make sure the buckles on my younger brother, Generation III IOTV, are properly connected. The -10 TM shows you how.
4. Stow the release strap under the access panel. Secure the hook-and-loop fastener.



Inspecting Soft Ballistic Panels

YOU ALSO NEED TO INSPECT ALL **SOFT BALLISTIC PANELS**. LOOK FOR...



Cuts, rips, tears, holes, or burns

Dirt, stains or debris



Hits from fragmentation or small arms fire

Bunching or lumping that cannot be flattened

DEPENDING ON THE AMOUNT OF DAMAGE, MY CLOTH CARRIERS AND SOFT BALLISTIC PANELS COULD EITHER BE REPAIRED OR REPLACED.

ASK FIELD MAINTENANCE FOR GUIDANCE.

TURN IN BADLY WORN OR DAMAGED ITEMS TO YOUR SUPPLY FOLKS SO THEY CAN DETERMINE IF THEY'RE SERVICEABLE.

IF THE ITEMS AREN'T, SUPPLY WILL GIVE YOU REPLACEMENTS.

SOFT PANELS HIT BY BULLETS OR FRAGMENTATION HAVE HAD THEIR BALLISTIC PROTECTION **WEAKENED**. SO PLAY IT SAFE. ALWAYS TURN IN DAMAGED PANELS TO FIELD MAINTENANCE FOR ASSESSMENT/REPLACEMENT.

Inspecting Hard Armor Plates



FINALLY, YOU NEED TO INSPECT MY **HARD ARMOR PLATES** FOR CRACKS BEFORE EACH MISSION AND ONCE A DAY DURING GARRISON OR FIELD USE.

IT TAKES MORE THAN JUST A QUICK GLANCE BECAUSE **CRACKS** MAY BE **HIDDEN** UNDERNEATH THE FABRIC. HERE'S HOW TO INSPECT A PLATE...

- Handle my plate to see if it flexes.
- Listen for crunching sounds that indicate broken pieces.
- Look for rips, tears or holes in the fabric that expose the ceramic tile.
- Pinch the outer 1/2-in edge of my plate. Can you feel or hear the ceramic tile cracking?
- Look closely at my plate. Has it been hit by bullets or fragments?

- Shake my plate and listen for loose pieces rattling around.



IF YOU FIND **ANY** OF THESE PROBLEMS, MY PLATE IS **UNSERVICEABLE**. TURN IT IN TO FIELD MAINTENANCE AND GET A REPLACEMENT.

AS A FIELD FIX DURING OPERATIONS, YOU CAN PATCH TORN FABRIC WITH **100-MPH TAPE**, NSN 7510-00-266-5016.

BUT REMEMBER, THIS IS A TEMPORARY FIX UNTIL YOU CAN REPLACE MY PLATE.

IF MY **ESAPI, XSAPI, ESBI OR XSBI** GETS HIT BY BULLETS OR FRAGMENTATION, ITS BALLISTIC PROTECTION IS **WEAKENED**. PLAY IT SAFE. TURN IN DAMAGED PLATES TO FIELD MAINTENANCE.

VERY INTERESTING HOW YOU EXPOSE YOUR FLAWS FOR ALL ZA WORLD TO SEE.

SO TELL ME, WHEN YOU WERE A LITTLE BOY BODY ARMOR, DID YOUR BELOVED PUPPY STRAY FAR FROM HOME NEVER TO BE HELD IN YOUR ARMS AGAIN?

Cleaning

⊖SIGH⊖ NEXT, I'D HAVE SOLDIERS CONTINUE PM BY CLEANING ME THOROUGHLY. THAT MEANS ALL OF ME...

CLOTH CARRIERS...

...SOFT BALLISTIC PANELS AND...

...HARD ARMOR PLATES.

TELL ME HOW YOU FEEL ABOUT ZAT.

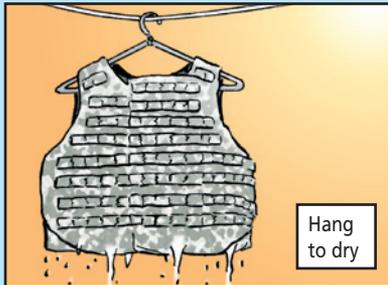
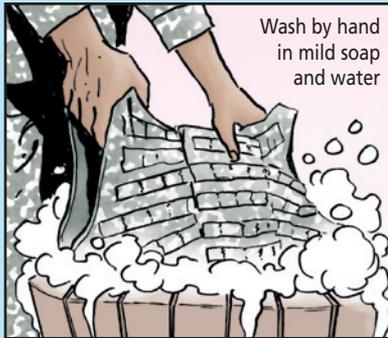
Cleaning Cloth Carriers



CLOTH CARRIERS LAYERED WITH MUD AND GRIME DESERVE A GOOD CLEANING. SO WASH THEM NOW AND THEN.

THAT'LL HELP PROLONG THEIR LIVES AND MAKE THEM MORE COMFORTABLE TO WEAR. HERE'S HOW...

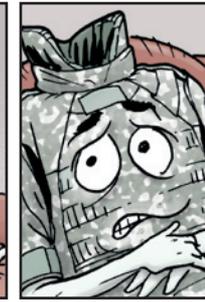
- Use a cloth or soft brush, NSN 7920-00-282-2470, to sweep away loose dirt from my carriers and the hook-and-loop fasteners. Don't use a wire, metal or stiff-bristle brush. It'll damage the fabric.
- Remove all soft ballistic panels and all hard armor plates (ESAPI, XSAPI, ESBI and XSBI) from my carriers before washing.
- Wet my carriers with cold or lukewarm water. Hand-wash with mild detergent, NSN 7930-00-929-1221, and a soft brush. Never machine wash. It causes too much wear and tear on the fabric.
- To clean heavy grease and oil, apply a mix of detergent and water directly on the spots and scrub with a soft brush. Repeat if the stain is stubborn.
- After washing, rinse thoroughly in clean lukewarm water until all suds are gone.
- Hang my cloth carriers to dry. Dry them either indoors or outdoors in the shade. Never dry them in a machine dryer or near a heater or open flame. That can fade and shrink the fabric.
- Do not use chlorine bleach, solvents, cleaning fluids or petroleum products to clean any carrier. They can stain, fade and weaken the fabric and shorten its life.



I ZEE, YOU UNDERGO A **CLEANSING RITUAL** IN AN EFFORT TO **EXPUNGE** ZA REPRESSED GUILT IN YOUR UNCONSCIOUS MIND. VERRY INTERESTING.



SO TELL ME, HAVE YOU EVER HAD A DREAM IN WHICH YOU ARE TRAPPED IN AN ELEVATOR PLUNGING **ONE HUNDRED STORIES** TO ZA GROUND FLOOR AT **NINETY MILES AN HOUR**?



SIGH...

Cleaning the Cable Release Assembly



TO CLEAN MY **CABLE RELEASE**, SIMPLY USE A MOISTENED CLOTH OR SOFT BRUSH TO SWEEP AWAY LOOSE DIRT.

Cleaning Soft Ballistic Panels



NEXT, YOU CLEAN MY **SOFT BALLISTIC PANELS**.

- Use a moistened cloth or soft brush to sweep away loose dirt from my panels.
- Do not dunk my panels in water. That can damage the layers of ballistic protective fibers inside. When panels get soaked, the layers and the weave begin to pull apart or bunch up. Either way, they start to degrade. Once that happens, they start to lose their ballistic protection.
- Never machine wash or dry clean panels. If they become wet, let them air dry flat, indoors or outdoors in the shade. Never dry them in a machine dryer. And never dry them near a heater or open flame.
- Do not use chlorine bleach, solvents, cleaning fluids or petroleum products to clean my panels.
- If they become soaked with bleach, gasoline, oil or lubricant, turn them in to field maintenance for assessment/replacement.

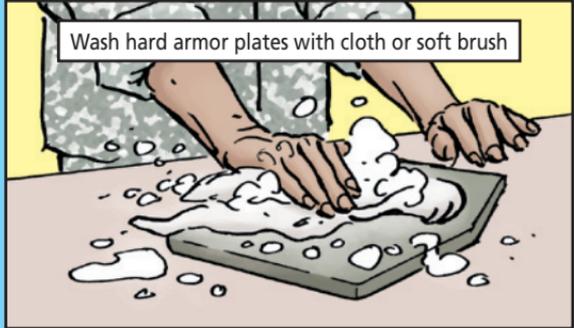


Cleaning Hard Armor Plates



AND FINALLY, I'D HAVE SOLDIERS CLEAN MY HARD ARMOR PLATES.

- Never machine wash or dry. That causes too much wear and tear on my plates, not to mention the washer and dryer. And never submerge the plates in any liquid, including water.
- Use a cloth or soft brush to sweep loose dirt or lint from the surface. Never use a stiff-bristle brush. You could tear the fabric.
- Wet my plates with warm (not hot) water. Apply a mild soap or detergent to soiled areas and scrub with a cloth or soft brush. Scrub badly soiled areas only long enough to remove the soil.
- After washing, rinse with clean, warm water until all suds are gone.
- Lean my plates against a post or wall and let them air dry. **Never** dry them near a heater or open flame. That could degrade the ballistic protection.



GET THE FULL STORY OF IOTV PREVENTIVE MAINTENANCE IN THESE TMS...

- TM 10-8470-208-10
- TM 10-8470-210-10
- TM 10-8470-208-10PMC
- TM 10-8470-210-10PMC
- TM 10-8470-208-24&P

