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PS MAGAZINE

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SMALL ARMS

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TB 43-PS-759, The Preventive Maintenance Monthly, is an official publication of the Department of the Army, providing information for all Soldiers assigned to combat and combat support units and all Soldiers with unit maintenance and supply duties. All information published has been reviewed and approved by the agency responsible for the equipment, publication or policy discussed. Application of the information is optional with the user. Masculine pronouns may refer to both genders. The use of product or company names does not constitute endorsement of those products, services or companies by the U.S. Army. The use of non-DoD hyperlinks, along with their content, does not constitute endorsement by DoD or DA. Neither DoD nor DA exercises any editorial control over, and cannot vouch for, content on non-DoD websites.

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You are invited to send PS your ideas for improving maintenance procedures, questions on maintenance and supply problems and questions or comments on material published in PS.

Just write to:

MSG Half-Mast PS, the Preventive Maintenance Monthly USAMC LOGSA (AMXLS-GP) Bldg. 3303

Redstone Arsenal, AL 35898

120M Road Grader Shank Stowage

924H Wheel Loader Precleaner Parts

HYEX Ring Gear Lubing

Old Nat's Cannon

120M Road Grader, Lube Data Plate Correction

120M Road Grader Moldboard Wear Strip Cracks

Or email:

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By order of the Secretary of the Army:

MARK A. MILLEY

General, United States Army Chief of Staff

Official:

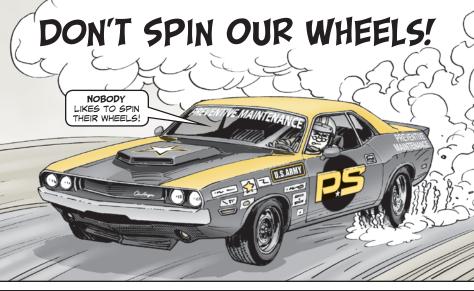
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Administrative Assistant to the Secretary of the Army

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60-61







PS Magazine gets lots of maintenance and supply questions each month. Sometimes we can send out an immediate answer. Other times, those answers take a couple days to a few weeks to track down.

In the meantime, you may find the solution on your own. Maybe a vendor helped out or you ran into a buddy who already solved the problem. Point is, if you found the answer, you need to let us know!

First, that keeps us from spinning our wheels, trying to find an answer to a problem that's already solved.

Second, we may be able to use that information for an article in *PS*. After all, if the problem was tough enough that you took the time to write us, chances are other Soldiers could be stumped as well.

Got a supply or maintenance question you need help with? Email us at:

usarmy.redstone.logsa.mbx.psmag@mail.mil

Then remember to email us if you find the answer on your own!

COMBAT VEHICLES





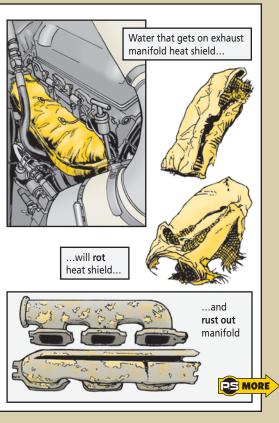
Dear Half-Mast,

We're seeing quite a few M113-series FOV personnel carriers with rusted out exhaust manifolds here at the National Training Center (NTC).

The heat shield covers retain water from rain and vehicle washing. Over time, rust develops on the exhaust manifold. Eventually, the rust can eat holes and cause splits in the manifold. And the heat shield covers themselves rot from the inside out.

That's why it's a good idea to inspect exhaust manifolds for rust during annual services. Be sure to replace the heat shield covers when they become unserviceable. Replacing a heat shield cover is a lot cheaper than replacing an exhaust manifold. Do you have any other ideas for protecting the manifold?

SSG L.D.B.



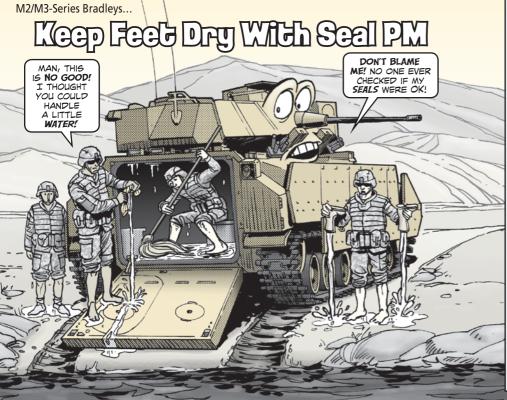
Dear Sergeant,

You bet. We also suggest keeping the engine grille buttoned up with grille cover, NSN 5120-01-105-0779 (green) or NSN 2510-01-496-9646 (tan). Just don't forget to remove the grille cover before operating the vehicle.

Covering the vehicle with a tarp whenever it's stored outdoors is a good idea, too. NSN 8340-00-841-6456 brings a 12x17-ft green tarp. NSN 2540-01-330-8062 gets a 12x17-ft tan tarp. Both are listed in the -10 TM's Additional Authorized List (AAL).

When washing the vehicle, avoid spraying wash water directly onto the engine as much as possible. If the heat shield cover does get wet, run the engine

at fast idle afterward. The heat generated will dry out the cover and lessen moisture buildup.

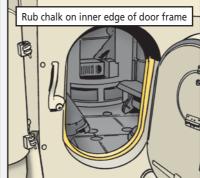


Frewmen, wet feet aren't a lot of fun when you're on a mission. But that's what you could have the next time your Bradley has to ford a stream if you haven't checked the ramp and rear door seals semiannually.

Your Bradley can ford water up to $3^{1/2}$ feet deep. So if you want dry feet, make sure the ramp and rear door seals are in good condition.

Here's how to check them ...

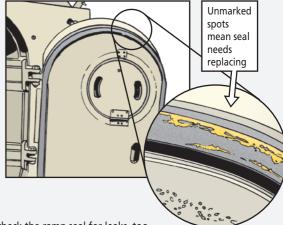
1. Open the ramp door and rub chalk on the inner edge of the door frame. Mark all the way around the frame where the seal seats.



2. Close and latch the ramp door.

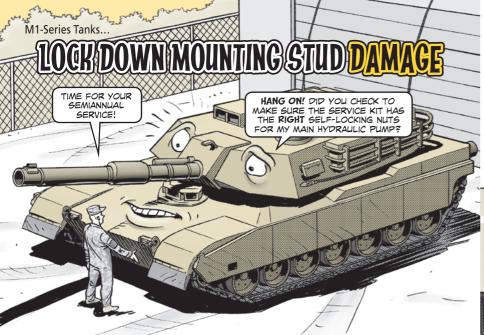


3. Open the ramp door and inspect the seal. If the entire seal is marked with chalk, the door is OK. Unmarked spots mean the seal isn't doing its job. Your mechanic will replace a bad door seal with NSN 5330-01-124-9314.



4. Follow Steps 1-3 to check the ramp seal for leaks, too. Mechanics will use NSN 5330-01-125-4269 to replace a bad ramp seal.

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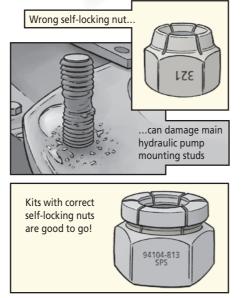


Some self-locking nuts supplied in the M1-series tank's semiannual service kit, NSN 2540-01-255-3347, can damage the threaded mounting studs on the main hydraulic pump when the nuts are tightened or removed.

Problems occur when the self-locking mechanism doesn't release properly and flattens or damages the threaded hydraulic pump mounting studs.

Check right away for the problem self-locking nuts, NSN 5310-01-074-4980. If you find any, file a product quality deficiency report (PQDR) through the product data reporting and evaluation program (PDREP). Access PDREP at:

https://www.pdrep.csd.disa.mil/



If the mounting studs are damaged, coordinate repairs with a Honeywell field service engineer (FSE) or TACOM LAR. Repair of the mounting studs isn't authorized for field-level maintenance because of the risk of permanent damage to the accessory gear box (AGB) top cover assembly.

See TACOM Maintenance Action Message 15-023 for more information. You'll find the message on the TACOM-Unique Logistics Support Applications (TULSA) website at:

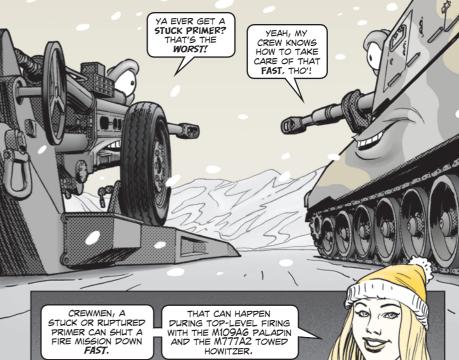
https://tulsa.tacom.army.mil/Maintenance/message.cfm?id=MA15-023.html

You'll need your CAC and first-time users must first request access.

Questions? Contact Terry Smart at DSN 786-7849, (586) 282-7849, or email: terry.d.smart2.civ@mail.mil

M109A6 Paladin, M777A2 Towed Howitzer...

PRIMER REMOVAL MADE EASY

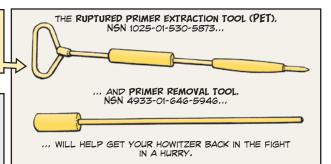


PS 759



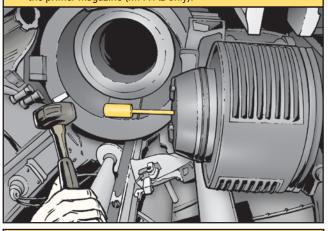
TWO TOOLS ARE BEING ADDED TO THE BASIC ISSUE ITEMS (BII) FOR THE PALADIN AND THE M777A2.

THE FOLLOWING PROCEDURES FOR REMOVING STUCK AND RUPTURED PRIMERS WILL BE ADED TO THE TMS:



Stuck Primer Removal

- **1.** Insert the drift end of the primer removal tool into the muzzle side of the spindle primer hole.
- 2. Push the tool in until contact is made with the primer casing.
- **3.** Push primer out manually using the palm of your hand or by tapping on the large end of the tool with a hammer. Remove the primer magazine (M777A2 only).



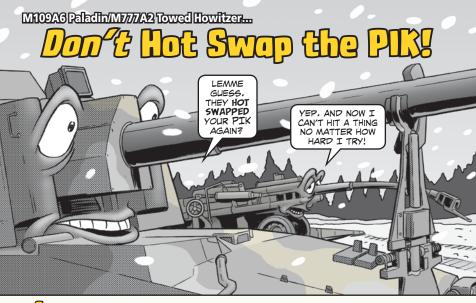
Ruptured Primer Removal

- Insert the PET through the breech end of the primer vent hole.
 Turn the tool slowly until the tap screws are secured into the ruptured primer's casing.
- 2. Tap the handle with a brass hammer until the casing is securely gripped.
- **3.** Quickly move the tool's slide hammer from side to side to remove the stuck primer casing.

AFTER
EITHER
PROCEDURE,
BE SURE TO
CLEAN AND LUBE
THE BREECH
AND BORE
EVACUATOR
JUST LIKE IT
SAYS IN
THE TM!







Trewmen, don't "hot swap" the enhanced portable inductive artillery fuze setter's (EPIAFS) platform integration kit (PIK), NSN 1290-01-538-9257, in the M109A6 Paladin and the M777A2 towed howitzer.

Several field artillery units have burned up PIKs by hot swapping them. Hot swapping is removing or installing the PIK without shutting off the power from the howitzer first.

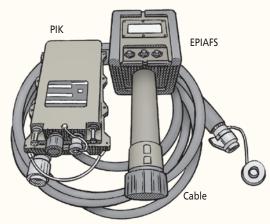
Always turn off the power to the PIK before removing or

installing it to avoid damage.
Also, be sure to disconnect
the EPIAFS from its cable if
the PIK is not installed or has
been temporarily removed.
The EPIAFS can be damaged

if it's left connected while the PIK is disconnected or removed.

For more information on removing and installing the PIK, see WP 0045 of TM 9-1290-211-13&P (Dec 14, w/Ch 1, Mar 15).





RESTACTICAL VEHICLES





PUZZLED OVER PROP SHAFT BOLTS, STRAP

Dear Half-Mast,

I need the retaining strap and bolts for the main propeller shaft on my M915A3 tractor truck.

I ordered Items 8 and 9 from Fig 148 of TM 9-2320-302-24P (Feb 06, w/Ch 2, Aug 12), but the bolts and strap I got were the wrong size. What are the correct NSNs for these parts?

Mr. J.J.

Dear Sir,

Here are the parts you need:

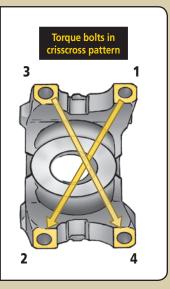
ltem	NSN
Strap	3110-01-612-9543
Bolt	5305-01-518-8434
Strap with bolt kit	5340-01-563-6486

Replace the bolts every time they're removed from the prop shaft.

First, install 'em finger-tight and make sure the bearing caps are fully seated in the yoke. Then torque the bolts in a crisscross pattern to 115-125 lb-ft.

The strap doesn't have to be replaced as long as it's serviceable.

Half-Mast-



Dash Pin Pulling Made Easy

TIRED OF BUSTING UP YOUR FINGERS REMOVING DASH PING? HERE'S A TOOL IDEA THAT MAKES THE JOB EASY!

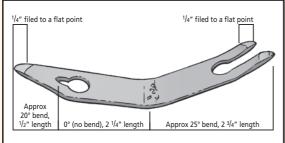
Dear Editor,

Removing the HEMTT's dash pins is no easy task. We designed a tool that makes it less of a chore. Here's how to make it:

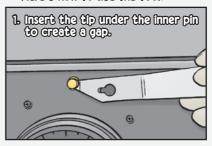
• Take a normal HMMWV starter shim, NSN 5365-01-210-4903, and drill a 1/4-in hole like this:

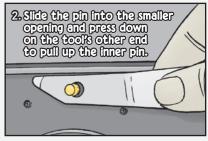


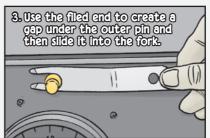
- File both ends to 1/4-in flat points.
- Bend 2³/4 inches of the slotted end 25 degrees.
- Bend 1/2 inch of the other end 20 degrees.
 When you're done, it should look like this:



Here's how to use the tool:









You're done!

I WILL. IF

I CAN EVER

FIND THE

CONVERSION KIT NSN.

GUESS I'D BETTER DROP

HALF-MAST

A LINE!

SGT Johnathan Jones 1149th FSC, KYARNG London, KY

YOUR TOOL CERTAINLY PINS DOWN DIFFICULT DASH PINS. A GREAT IDEA, SERGEANT! UNITS, MAKE SURE YOU GET YOUR CO'S APPROVAL BEFORE MAKING THIS DEVICE.



FMTV...

HEY! I THOUGHT YOU WERE GOING TO UPGRADE MY TRANSMISSION TO A WTEC III?





Dear Half-Mast,

I'm looking for information on how to convert the FMTV's WTEC II transmission to a WTEC III. I remember seeing something about it a few months ago, but can't find it now. Can you help me out?

CW2 A. R.

Dear Chief,

You bet! NSN 2520-01-516-7305 (PN 57K2053) brings the conversion kit for upgrading your FMTV's WTEC II transmission to the WTEC III configuration. Instructions are included with the kit, but for a copy of the TACOM drawing, drop me a line at:

usarmy.redstone.logsa.mbx.psmag@ mail.mil



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How to Find Your TACOM LAR



Logistics assistance representatives (LARs) are the folks to call when tough problems crop up with equipment, weapon systems and logistics. LARs can advise units in many areas, including supply, maintenance, transportation, personnel and training. They travel to motor pools, hangars and maintenance shops all over the world.

For help with wheeled and tracked vehicles, small arms, CBRN, tools and most types of the equipment we cover here at *PS*, TACOM LARs are terrific resources.

There are three primary types of TACOM LARs, which are subdivided into specific LAR skill sets:

Automotive

- Tactical
- Combat
- Engineer

Armament

- Small arms/artillery
- Armor/fire control
- Aircraft

Soldier

- Tools
- CBRN
- Kitchen, showers, tents
- Gear and clothing



TACOM Find-a-LAR Helplines					
Region	Covers	Phone			
CONUS-East	AL, CT, DE, FL, FORSCOM, GA, IL, IN, KY, LA, MA, MD, ME, MI, MS, NC, NH, NJ, NY, OH, PA, RI, SC, TN, VA, VT, WI, WV	DSN (312) 236-6921 Comm (910) 396-6921			
CONUS-West	AR, CO, IA, KS, MN, MO, ND, NE, OK, SD, TX, WY	DSN (312) 737-0263 Comm (254) 287-0263			
Pacific	AZ, CA, Guam, ID, MT, NM, NV, OR, UT, WA	DSN (312) 357-2991 Comm (253) 967-2991			
Hawaii	АК,НІ	DSN (315) 438-4985 Comm (808) 438-4985			
Europe	Belgium, Bosnia, Germany, Great Britain, Italy, Kosovo, Luxemburg, Macedonia	DSN (314) 483-4090 Comm (011) 49-631-411-4090 Germany (0631) 411-4090			
Far East	Japan, Korea, Kwajalein, Okinawa	DSN (315) 768-7970 Comm (011) 82-53-470-7970			
SWA-Kuwait	Kuwait	DSN (318) 430-4189			
SWA-OEF	Afghanistan	DSN (318) 481-4814			
SOF	Special Operations	DSN 745-3114 Comm (859) 566-4198, or toll free (888) 763-7259			

For more information, check out TACOM's Logistics Assistance Directorate (LAD) homepage at: https://www.tacom.army.mil/ilsc/lad/

HMMWV...

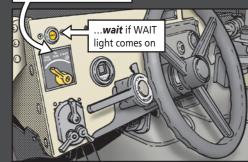
WAIT FOR THE LIGHT

atience is a virtue, drivers. So if the WAIT light in your HMMWV comes on when you turn the ignition switch to RUN, wait for the light to go out before attempting to start.

Not waiting can overheat and damage the glow plugs. That sets you up for a no-start surprise when the weather turns cold.

All simple stuff, but easy to forget when you jump into your HMMWV for a mission.

Turn switch to RUN and...



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CONSTRUCTION PM IS WHERE THE RUBBER MEETS THE ROAD. AT LEAST IT WILL BE WHEN I GET FINISHED! **PS 759**



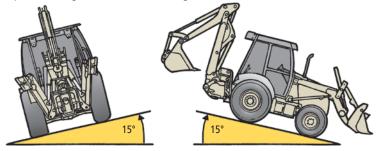
balanced when you travel across rough or hilly ground, operators.

A full bucket that's carried high can throw off the BHL's center of gravity. Gullies, bumps and slopes can rock the vehicle from side to side. With enough bouncing, you could tip over.

So if you're hauling a bucket of dirt, keep it low to the ground until it's ready to drop.



 Do not approach a slope greater than 15 degrees on hard ground. The maximum slope on softer ground is less than 15 degrees.



- Never move the vehicle downhill with the direction control lever in neutral or with an engine speed greater than 2,500 rpms.
- Be especially cautious about using the vehicle's clutch cutout switch on a hill. The switch disengages the transmission from the drive wheels. If that happens, you'll need to use the service brakes to stop the vehicle.

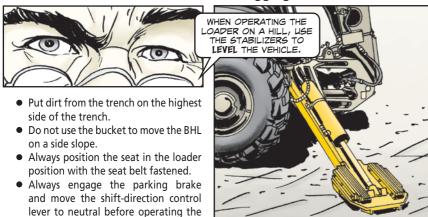
Backhoe Loader...

backhoe.

DIG UP SOME PM!

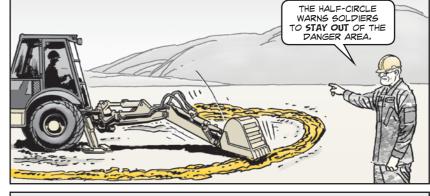


Time for Some Digging



Drawing the Line

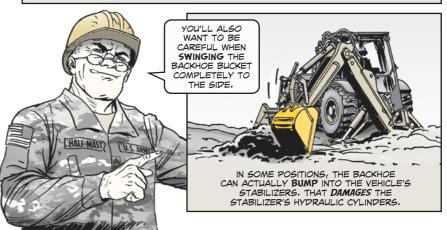
A good rule of thumb is to extend the backhoe boom and draw an arc in the dirt before you start digging. This line forms a half-circle that's almost 18 feet from the back of the vehicle.





USING THE
BUCKET TO PUSH
DIRT CAUSES
WMNECESSARY
WEAR-AND-TEAR
ON THE BUCKET
AND BOOM.





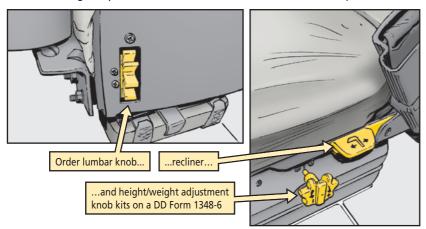
PS 759 18 FEB 16



Dear Editor,

There are several adjustment knobs for the backhoe loader's seat that weren't included in Fig 147 of TM 5-2420-231-24P. Problem is, those components wear out due to constant use and have to be replaced often. That means the entire seat assembly, NSN 2540-01-549-0816, has to be replaced at a cost of more than \$1,100!

It makes a lot more sense to order those components on a DD Form 1348-6 using the part number and CAGE 4B236. Here's what you need:



Item	Part Number
Lumbar knob (includes knob and 1/8 x 5/8 inch roll pin)	87037462
 Lumbar kit (includes 2 screws, 2 rivets, 1 back support and 1 lumbar shaft yoke) 	87308130
Height/weight adjustment knob (includes knob, shaft and 5/32 x 1 inch pin)	123969A1
● Lock pin (5/32 x 1 inch, slotted)	38-11016
• Thrust washer (2 OD x .6 ID inches)	87308145
Recliner kit (includes 2 brackets, 3 spacers, 2 springs, knob, latch, lever, 2 bolts, 2 washers and 5 nuts)	86994165
Recliner cap	87416475
Boxed upper housing	87308143
 Block bearing (includes 4 tube bearings, 1 ride indicator, 1 A45512 slider block, 1 A45515 slider block, 1 A45516 slider block, 1 NSS slider block) 	1977725C1
Mark Waldron "ACOM FMX, Engineer Support t Leonard Wood, MO	
GOOD INFO, THE BEST WAY TO MARK! GET NSNS ASSIGNED TO HIGH-USE PARTS	

WE HAVE MORE INFORMATION ABOUT USING THE DD FORM (348-6 ON PAGES 52-53 OF PG 738 (MAY 14): https://www.logsa.army.mil/psmag/archives/PS2014/738/738-52-53.pdf

LIKE THESE IS BY

PROPERLY ORDERING

THEM THROUGH THE

SUPPLY SYSTEM.

M9 ACE Hydraulic Kit NSN

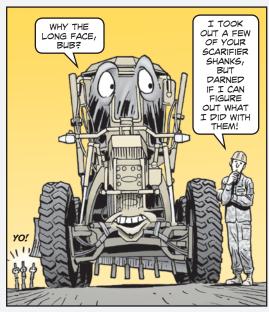
Get a hydraulic parts kit for your M9 armored combat earthmover with NSN 2590-01-216-8646. Need replacement parts? Check out Fig 228 of TM 5-2350-262-24P (Jun 12) for a complete list.

M9 ACE Blade Lock Pin, Clip

The M9 ACE's blade lock pin and retaining clip are missing from Fig 50 of TM 5-2350-262-24P (Jun 12). Get the pin with NSN 5315-01-184-4868. The retaining clip, which is used to hold the lock pin in place, comes with NSN 2590-01-239-1664. Make a note until the NSNs are added to the TM.

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SHANK STOWAGE MADE SIMPLE



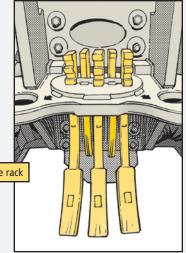


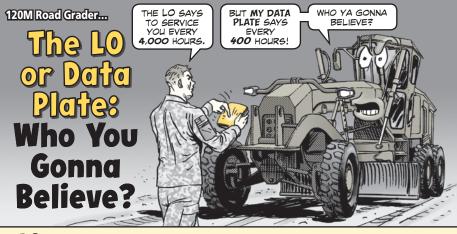
operators, your 120M road grader's scarifier assembly uses up to 11 shanks to break up hard material so that it's ready to grade. The number of shanks used will depend on the consistency of the material.

You can remove the center five shanks so the scarifier assembly can be raised for more ground clearance when necessary. Just remember: When you remove a shank, put it in the grader's scarifier shank stowage rack. Put it anywhere else, like in the cab or lying around at the work site, and it'll disappear on you.

Store scarifier shanks in stowage rack

The stowage rack is located at the front of the grader and can hold up to five shanks. Arrange the shanks with every other one facing backwards to allow enough room. Then secure the shanks with the stowage rack strap.





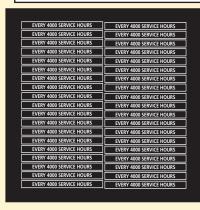
LO 5-3805-293-13 (Dec 10) says to service your 120M grader every 4,000 hours. But the vehicle's lube data plate says the service interval is 400 hours. That's a pretty big difference!

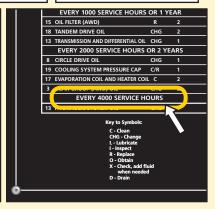
Turns out, a zero was left off the lube data plate. It should have said 4,000 hours, not 400.

This problem was fixed during production for graders with serial numbers RMY00404 and above. But take a quick look at your grader's lube data plate anyway. If it reads, "Every 400 service hours," you can get a permanent label that will change the 400 to 4,000 from your local CAT dealer.

See CAT dealer for label to fix incorrect data plates...

...then apply to lube data plate

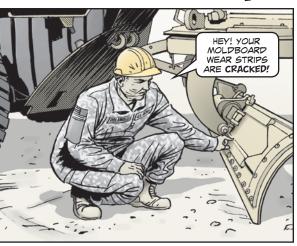




If you need a replacement lube data plate, get it with NSN 9905-01-579-3306 (PN 3348091).

120M Road Grader...

Wear Strip Worn Out?





Dear Editor,

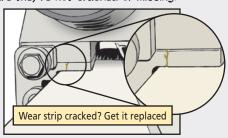
Some 120M road graders are coming into our shop with the moldboard's lower wear strip, NSN 9390-01-579-5299, cracked or broken in half.

A busted wear strip eventually falls apart and drops out of its channel. That means both the moldboard and its mount come in direct contact with the vehicle's circle drive assembly. The end result is unnecessary wear-and-tear to the moldboard and mount.

The reason for this problem is that there's no specific check for the moldboard wear strips in the PMCS tables of TM 5-3805-293-10 or -23-3. Until those TMs are updated, operators and mechanics need to eyeball the wear strips to make sure they're not cracked or missing.

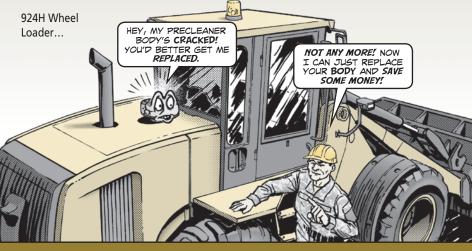
If you find a cracked or missing strip, let your mechanic know. WP 0306 in TM 5-380-293-23-1 covers removal, cleaning, installation and inspection of wear strips.

Clayton Nagel TACOM FMX, Engineer Support Ft Leonard Wood, MO



Editor's note: Excellent info, Clayton! Operators and mechanics, check those wear strips today.

PS 759 24 FEB 16



BREATHE EASY WITH PRECLEANER PARTS

Dear Editor,

If you need to repair the 924H wheel loader's air precleaner, you'll come up empty looking for parts in Fig 22 of TM 5-3805-298-24P. The air precleaner is listed only as an assembly, NSN 2940-01-068-7108, and costs about \$107.

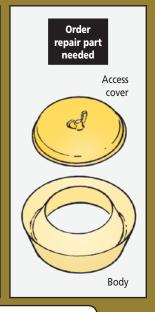
But we've found that the precleaner does have two repair parts. So keep these NSNs handy and save yourself a little money by repairing the precleaner whenever possible.

Item	NSN	Cost
Access cover	5340-00-103-8902	\$17.56
Air precleaner body	2940-00-876-2181	\$19.61

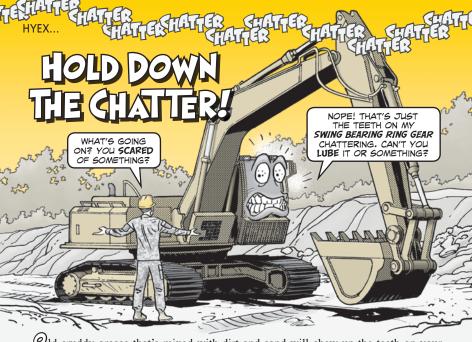
Of course, you'll still have to replace the whole assembly if a part other than these two breaks.

Jeff Boyd

TACOM FMX
Engineer Support
Ft Leonard Wood, MO



Editor's Note: Good info, Jeff. Those two parts will keep the air flowing. Thanks for a great cost-savings tip!

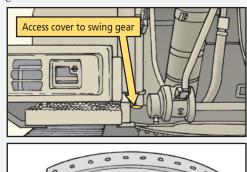


Old cruddy grease that's mixed with dirt and sand will chew up the teeth on your hydraulic excavator's swing bearing ring gear. And by the time you hear the sound of gears grinding while traversing, it's just plain too late! The ring gear's teeth are worn, repairs are needed and costs are high!

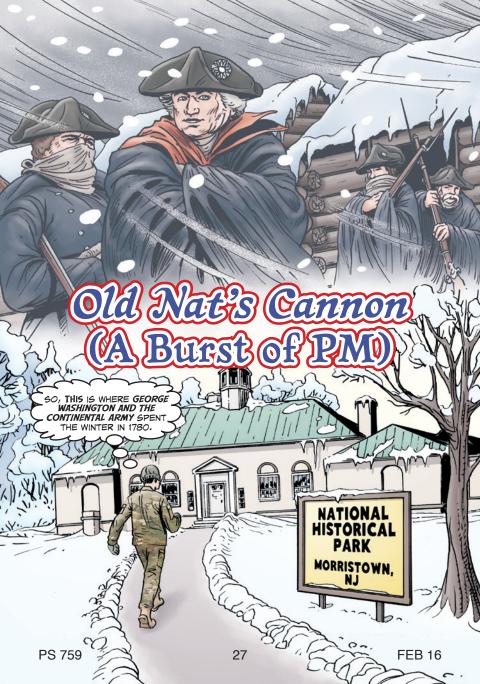
So remove the swing bearing's access cover to eyeball the ring gear. Look at the ring to see how much grease and grit have built up. If you see a heavy coating with a lot of crud, wipe it off with a clean rag.

Add new grease until it reaches ¹/₂- to 1-inch deep from the bottom of the ring gear. Too much grease can damage the swing gearbox seal. So remove any grease that's over the top of the swing drive pinion.

You'll find this info on Page 15-2 of TM 5-3805-280-10 (Feb 00).



Add grease ¹/₂ to 1 inch deep









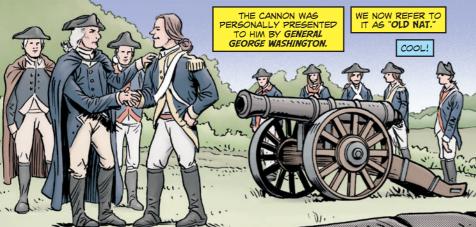






PS 759 28 FEB 16























CREWS **ALWAYS** CLEANED THE CANNON AFTER FIRING. POWDER RESIDUE AND DIRT COULD CAUSE A MISFIRE THE NEXT TIME THE CANNON WAS NEEDED.



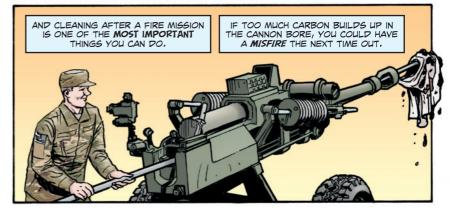


HEY, THAT
SOUND'S A LOT
LIKE THE BEFORE,
DURING AND AFTER
PMC'S OUR UNIT
PERFORM'S ON
OUR M19A2/A3
AND M777A2
TOWED
HOWITZERS!









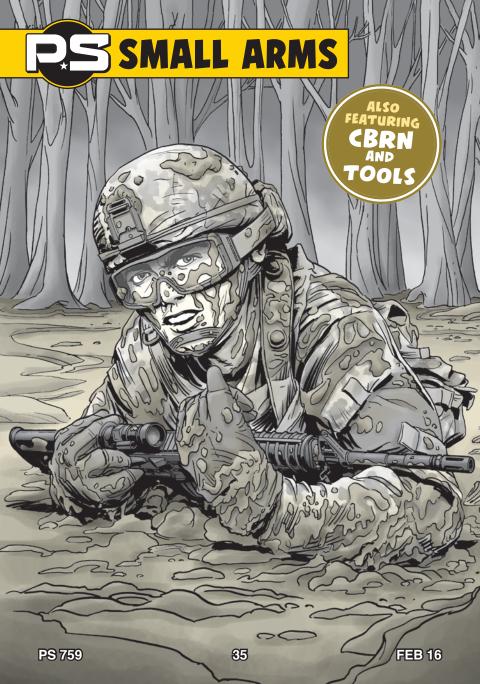
PS 759 33 FEB 16

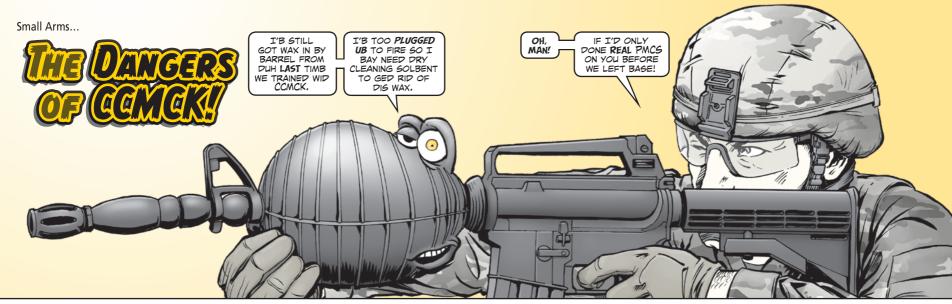












Dear Editor,

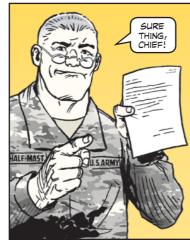
I am the senior ammunition technician at the US Army Combat Readiness Center at Ft Rucker. Over the last few months we have had numerous reports of weapons blowing apart because of stuck close combat mission capability kit (CCMCK) projectiles. So far no one has been killed, but there have been several injuries.

I think this often happens after Soldiers have done urban training/ house clearance exercises using CCMCK rounds.

They then march to a range to do regular firing. But before they fire real rounds they don't do the necessary PMCS to ensure the weapons' barrels are clear of obstructions. And that's when the trouble starts.

It would help if PS would explain what Soldiers need to do after firing CCMCK.

> CW4 Mark Parr Ft Rucker, AL



THE PROBLEM WITH CCMCK IS THAT THE WAX FROM THE ROUNDS CAN LEAVE THE INSIDE OF THE BARREL A MESS.

IF YOU DON'T CLEAN OUT ALL THE WAX, THE BARREL CAN END UP PLUGGED.

SO HERE'S HOW TO PREVENT THAT:

BEFORE-

CLEAN AND LUBE YOUR WEAPON WITH CLP LIKE IT SAYS IN THE WEAPON'S -10 TM.

YOUR WEAPON SHOULD BE AS CLEAN AS POSSIBLE BEFORE FIRING CCMCK ROUNDS.

AFTER-

DO THE SAME CLEANING AND LUBING PROCEDURE, BUT PAY SPECIAL ATTENTION TO THE CHAMBER, BARREL AND BORE. THOSE ARE THE MOST LIKELY AREAS FOR WAX BUILDUP.

REALLY TOUGH WAX DEPOSITS MAY REQUIRE DRY CLEANING SOLVENT, NSN 6850-01-474-2319. USE SOLVENT UNDER THE DIRECTION OF YOUR ARMORER, THE SOLVENT MAY NEED TO SOAK INTO THE WAX FOR SEVERAL MINUTES BEFORE IT WILL WORK,



Clear barrel by running cleaning rod



BARREL IS CLEAR BEFORE YOU FIRE OR TURN IN THE WEAPON TO THE ARMS ROOM.

MAKE SURE THE

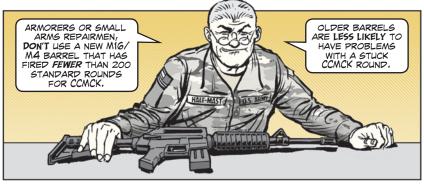


IF YOU CAN'T SEE THE END OF THE ROD, YOU MAY HAVE A STUCK CCMCK ROUND. IF YOU CAN'T PUSH OUT THE ROUND,

TELL YOUR ARMORER.



PS 759 36 **FEB 16**



M249 BARRELS COME FROM THE MANUFACTURER READY FOR CCMCK FIRING.

Gage M16/M4

barrel after firing CCMCK

THE M9 PISTOL CONVERSION KIT, NSN 1005-20-003-2362, HAS A BLUE BARREL FOR FIRING CCMCK ROUNDS.



AFTER TRAINING WITH CCMCK, CHECK THE MIGS AND MAS WITH THE BARREL STRAIGHTNESS GAGE. SEE WP 0015-24 IN TM 9-1005-319-23&P.

FOR THE COMPLETE WORD ON CCMCK, SEE TM 9-6920-3700-10. IT'S ON THE LOGSA ETM WEBSITE: https://www.logsa.armu.mil/etms

ALSO SEE GPA 15-009, "CLEARING AND CLEANING WHEN FIRING CCMCK," AT: https://tulsa.tacom.armu.mil/Safety/ message.cfm?id=GPA15-009.html

QUESTIONS?

CONTACT ARDEC'S ROBERT WEISSMAN AT DSN 880-3056, (973) 724-3056 OR EMAIL: robert.i.weissman.civ@mail.mil or

EDWARD GILLIGAN AT DSN 880-4992, (973) 724-4992, OR EMAIL: edward.gilligan2.civ@mail.mil

YOU CAN ALSO CONTACT TACOM'S KEN HILTUNEN AT DSN 786-1271, (586) 282-1271, OR EMAIL: kenneth.r.hiltunen2.civ@mail.mil

JUST REMEMBER CCMCK TRAINING ROUNDS REQUIRE REAL PMCS!



rounds

New M240/M249 Scraper Available

M240 and M249 machine gun gunners can now order a new pocket tool that makes cleaning the guns' gas systems easier. The tool, which folds up like a Swiss Army knife, has eight different scrapers. Order the tool with NSN 5110-01-641-4777.

M16-Series Rifle, M4/M4/A1 Carbine...

WELL, I FINISHED THE CLEARING PROCEDURE. NOW ALL I HAVE TO DO IS DRY FIRE YOU.

DRY UP DRY FIRING

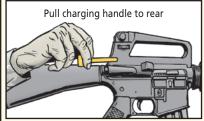


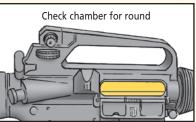
WHAAAT!?
WHO TOLD
YOU THAT?
DRY FIRING
JUST WEARS
ME OUT.
DON'T DO IT!

Dear Editor,

The M16/M4's TM 9-1005-319-10 is very clear about the clearing procedure:

- Point weapon in a safe direction. Place selector on SAFE. If weapon is not cocked, lever can't be moved to SAFE.
- Remove magazine by depressing magazine catch button and pulling magazine out of weapon.
- To lock bolt open, pull charging handle rearward. Press the bottom of bolt catch and allow bolt to move forward until it engages bolt catch. Return charging handle to the forward position. Check receiver and chamber to ensure these areas are clear of ammo.





4. With selector on SAFE, let the bolt go forward by pressing the upper portion of the bolt catch.

But unfortunately, many commanders and armorers also tell Soldiers to dry fire the weapon. That's unsafe if the Soldier did the procedure wrong, and it also causes unnecessary wear on parts.

If you want a safe weapon, keep it on SAFE and don't pull the trigger.

LTC Paul Darling AKARNG Editor's note: Excellent point, Sir. But armorers need to remember they are supposed to dry fire the weapon before they store it. Their procedure is:

- 1. Clear the weapon.
- 2. Place selector lever on SEMI.
- **3.** Pull trigger. Hammer should fall.
- **4.** Close ejection port cover.
- **5.** Place weapon in rack.



Dear Editor,

From our experience taking care of M16s and M4s at Camp Beauregard, we recommend Soldiers pay special attention to these two checks:

Make sure the mounting rail is securely locked in place. We find that often the rail's tip that fits in near the front sight hasn't been inserted correctly. That means the rail isn't locked on. When you add a sight, the rail and sight can come off. To mount the rail, you should first fit the tip in place under the handguard cap and then lock down the rear of the rail with the slip ring. Feel the rail for movement to ensure you've got it right.

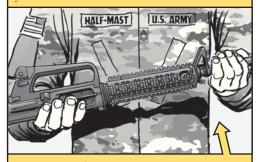


Check for a loose barrel. It's surprising how many loose barrels we find. A loose barrel kills accuracy. We know PS has run the loose barrel check before. Please repeat it.

> CW5 Erwin Venson CSMS Camp Beauregard, LA

Editor's note: You've got it, Chief.

To check for a loose barrel, separate the upper and lower receivers and hold the bottom of the upper receiver while twisting the barrel. *Grip the barrel around the front sight assembly* for better leverage. If there's any movement, tell your armorer.



Hold bottom of upper receiver with one hand and hold barrel around front sight with the other. Twist barrel to see if it's loose

Units Still Need To Headspace M2A1s





Dear Editor,

One of the big advantages of the M2A1 machine gun over the M2 is that gunners no longer need to headspace and time the gun every time they fire. But that doesn't mean units can forget headspacing and timing altogether.

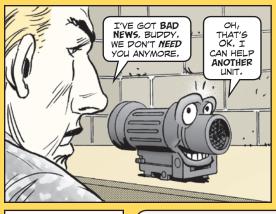
Field maintenance sets the headspace and timing for each M2A1, but armorers or 91Fs should be checking the headspace and timing with the wear limit/timing gage, NSN 5220-01-580-6602, when an M2A1 is signed out or signed in. If the M2A1 fails the wear limit or timing checks, it needs to go back to field maintenance for adjustment of the headspacing and timing.

The wear limit/timing gage should be calibrated every 12 months by TMDE. It's a good idea to have two gages in each unit so that at least one gage is always available.

CW2 Ryan Harmon 302d BSB, 1ABCT, 2ID Camp Casey, South Korea



WHY ARE M145 SIGHTS BEING TURNED IN?





Dear Half-Mast,

Why are we being told to turn in M145 optic sights for demil that are still unopened in their boxes?

R.A.

Dear Sir,

The Army has a surplus of some items and is directing units to reduce excess stock. The M145, NSN 1240-01-411-6350, has a demil code of F. That means units like yours that have extra M145s should turn them in for demil following the instructions at the TULSA website:

https://tulsa.tacom.army.mil/demil/codefmain.cfm

Half-Mast

Machine Gun Mounts...

MIK 95 Saves Wear and Tear

Dear Editor,

If you have a choice of which carriage and cradle to use when firing the MK 19 or M2/M2A1 machine guns, choose the MK 93. It has hydraulic buffers that absorb much of the recoil during firing, which means less wear and tear on your weapon and fewer trips for repair.

The MK 93 MOD 2 can be ordered with NSN 1010-01-502-7547.

WO1 Bill Eldridge 101th Sustainment Bde Ft Campbell, KY Editor's note: The MK 93 MOD 2 has replaced the MK 64 mount. So if you still have MK 64s, you should turn them in to your local DLA Disposition Services. Then submit a requisition for the MK 93 MOD 2.

Questions? Contact Mariann Haniak, (586) 282-1649, email:

mariann.haniak.civ@mail.mil or Grant Baker, (586) 282-1238, or email:

grant.t.baker.civ@mail.mi



ELECTRONICS AND WATER **DON'T** MIX.

THAT'S WHY YOU MUST REMOVE THE M50/M51/M53 MASK'S AMPLIFIER BEFORE YOU WASH YOUR MASK.



OTHERWISE
YOUR
AMPLIFIER
WILL BE
THROUGH
AMPLIFYING
PERMANENTLY!

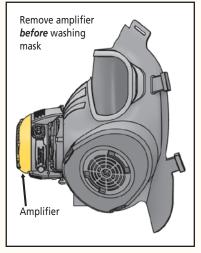
JUST REMOVING THE AMPLIFIER BATTERIES BEFORE WASHING ISN'T A SOLUTION, EITHER. IF YOU PUT BATTERIES BACK IN A WET AMPLIFIER, THE AMPLIFIER IS DAMAGED.

TAKE OUT THE AMPLIFIER BEFORE WASHING AND WAIT UNTIL THE MASK IS COMPLETELY DRY BEFORE REINSTALLING IT.

DON'T FORGET TO REMOVE THE MICROPHONE AND ADAPTER, TOO!

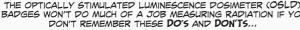
IF THE AMPLIFIER ITSELF REQUIRES CLEANING, DIP THE OUTSERT POUCH IN WARM, SOAPY WATER AND WRING THE POUCH ALMOST PRY. THEN USE IT TO WIPE THE AMPLIFIER CLEAN.

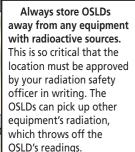




Do's and Don'ts for Dosimeter Badges

THE OPTICALLY STIMULATED LUMINESCENCE DOSIMETER (OSLD) BADGES WON'T DO MUCH OF A JOB MEASURING RADIATION IF YOU DON'T REMEMBER THESE DO'S AND DON'TS ...







Make sure Soldiers don't take OSLDs with them when the mission ends. OSI Ds should be turned in and stored in the approved location if they're to remain accurate.





Make one OSLD badge a control badge that never leaves the storage area. The control badge will be used as a measure of radiation in a normal environment.



When shipping OSLDs to TMDE, make sure the box is marked DO NOT X-RAY. If the box is x-rayed, there goes the OSLDs' accuracy.



ALL OF THIS ALSO APPLIES TO THE DT-236A WRISTWATCH DOSIMETER. IF YOUR UNIT USES THE DT-236A, FOLLOW THE SAME PRECAUTIONS.

M4/M4A1 Carbine... WHAT IS AUTHORIZED?



Dear Half-Mast,

I keep hearing about different grips and buttstocks that can be ordered for the M4/M4A1 carbine. But I'm wondering if these items are authorized.

SPC J.S.

DEAR SPECIALIST, THERE ARE ONLY TWO GRIPS AND ONE ADDITIONAL BUTTSTOCK AUTHORIZED FOR THE M4/M4A1...

- Enhanced sliding buttstock assemblu. NSN 1005-01-544-9825
- Forward vertical pistol grip. NSN 1005-01-453-6655
- Forward grip bipod, NSN 1005-01-563-8451

ANYTHING ELSE IS OFF LIMITS!

THESE ITEMS ARE AUTHORIZED ALONG WITH THE OTHER ITEMS LISTED IN THE TM.

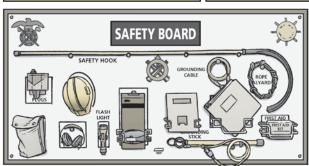
PS 759 **FEB 16**

LESS COSTLY SAFETY BOARD AVAILABLE



NSN 4910-01-618-4321 BRINGS ALL THE REQUIRED SAFETY ITEMS, BUT NOW COSTS AROUND \$3,800. AND THE ARMY ISN'T LISTED AS A USER IN FED LOG. THERE IS A CHEAPER ARMY ALTERNATIVE:

IT RUNS AROUND \$2,270 AND COMES WITH:



- Ground stick
- Safety hook
- Grounding cable
- Hearing
- protection
- Safety goggles
 First aid kit
- First aid kit
- FlashlightD batteries
- Sash cord rope
- Insulated gloves
 - Material to build the safety board

OTHER ITEMS YOU
MIGHT WANT TO
CONSIDER AROUND
OR ON THE SAFETY
BOARD ARE:
A RESUSCITATOR,
A PORTABLE
DEFIBRILLATOR AND
HAZARD SIGNS.

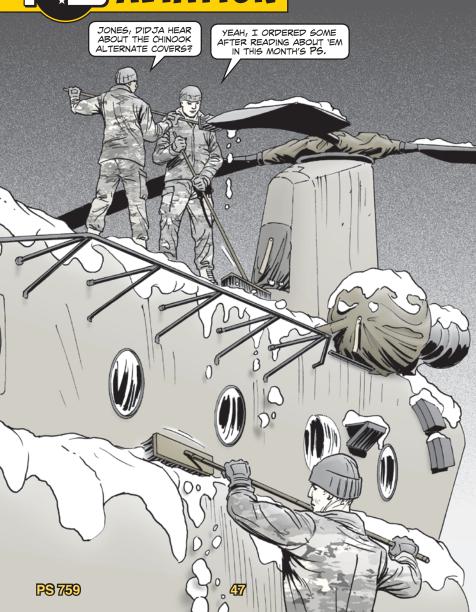


REMEMBER, **DON'T** STACK THINGS IN FRONT OF THE BOARD AND **DO** PUT IT IN A CENTRAL LOCATION, IF SOLDIERS CAN'T GET TO IT QUICKLY, IT WON'T BE OF MUCH HELP.

INSPECT THE BOARD EVERY MONTH TO MAKE SURE ALL ITEMS ARE ON-HAND AND IN GOOD SHAPE.

AND MAKE SAFETY TRAINING SOP. EVERYONE WORKING IN THE AREA SHOULD KNOW EACH PIECE OF EQUIPMENT ON THE SAFETY BOARD AND HOW TO USE IT.

PS AVIATION





Thether weighing yourself or your aircraft, the right scale is needed to get the right results.

If you are using the digital aircraft weighing system (DAWS), NSN 6670-01-389-3887, to weigh your aircraft, listen up!

The DAWS is made by several manufacturers. One of those DAWS—the ULP410 model (PN ULP410-00001-1)—does not meet the Army aviation required weight tolerances specified in TM 55-1500-342-23. Because you can't calibrate the scale to the required weight tolerance accuracy of +/-0.1 percent of the applied load could get you an inaccurate gross weight measurement. That can put your aircraft in danger during flight. That's why the use of the ULP410 DAWS is now **prohibited**. Check the data plate on the scale.

If you did not use this DAWS during your last weighing, your aircraft is good to go. But if you did weigh your aircraft with the ULP410 DAWS, you'll need to make a special entry on the DA Form 2408-13-1. Enter a red horizontal dash status symbol followed by "Aircraft requires weighing per AGSE-14-ASAM-01."

Your next weighing can be done using an approved DAWS or the authorized method using jacks and load cells. Until that weighing is completed, mark the affected aircraft with a status of Red X.

The Aircraft DAWS (ACDAWS), NSN 6670-01-568-1177, is also an approved weighing scale with no issues. Order the DAWS through the supply system.

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Units should not use the DAWS, PN ULP410-00001-1 (Model ULP410).

If you have the ULP410, turn it into your local DLA Disposition Services. Have questions? Contact Tawanna Harris at (256) 955-0858 or email:

tawanna.m.harris.civ@mail.mil

Follow all the steps from AGSE-14-ASAM-01 to get your aircraft properly weighed and mission-capable. You'll find the message on the AMCOM Safety & Maintenance Message website:

https://asmprd.redstone.army.mil/SplashPage.asp



REMEMBER,
IF YOU PIDN'T
USE THE
UNAUTHORIZED
PAWS TO WEIGH
YOUR AIRCRAFT
YOUR BIRD IS
GOOD TO GO!

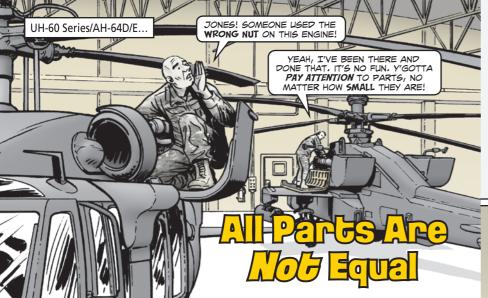
WHAT GOLOR ARE NITROGEN CYLINDERS?



echanics, Page 14 of PS 744 (Nov 14) stated that nitrogen cylinders, NSN 8120-01-616-9086, used with the generic aircraft nitrogen generator (GANG) are green. Turns out that's not always the case.

According to AR 700-68 and MIL-STD-101, nitrogen cylinders are usually gray. But if you rely on color alone to determine a cylinder's contents, you could be jeopardizing your safety.

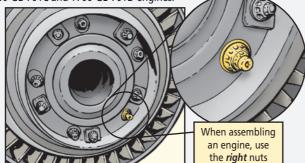
While cylinder color is usually an indication of contents, the label or decal on the cylinder's neck should be the primary method of identification. Commercial cylinder color is not regulated, so the color may vary depending on the supplier.



Good mechanics recognize the importance of every repair part they handle, no matter how insignificant it might seem. Taking those parts for granted can cause engine problems.

Take the UH-60 and AH-64 engine component hardware for example. There have been several instances where a nut, NSN 5310-01-099-6537, designed for the T700-GE-700 engine was installed on the T700-GE-701C and T700-GE-701D engines.

Using the wrong nut can cause the cooling plate on the gas generator rotor assembly to crack. Pieces of that cracked cooling plate become foreign object debris (FOD), which can cause engine failure.



Selecting the wrong nut can happen in one of two ways. First, you might grab a nut from the wrong bin. That's easy to do if you're selecting the nut because it looks like the right one.

The second and most common way is selecting the wrong item in the engine's TM 1-2840-248-23&P (IETM EM 0271). Always pay special attention to the description portion of the repair part section.

There you'll find the "Use On" (U/O) model designations. They tell you exactly which engine each part goes on. And keep in mind that no U/O code means the part is usable on ALL engine models.

Here's a tip to make sure you've got the right part number for your engine model. Once you've clicked on the figure's item number:

- Look at the IETM DATA description to see if it has a U/O code such as T700, T701C or T701D.
- 2. If a U/O code is listed, click <u>Select</u> in the Record block of the SEARCH RESULTS box. That opens a drop-down menu that contains a list of all the part numbers with the same description in the figure that are available for that specific item number. Each part number will include a description and the U/O code(s) for the engine model it can be used on. Just click on the part number for your particular engine model.

Never use the wrong repair parts on your engine. Make sure you identify, select and order the right one from TM 1-2840-248-23&P. When stocking parts bins, make sure they're labeled correctly, and that you check the label before making a selection. Using the correct repair parts will ensure your engine operates properly and safely.



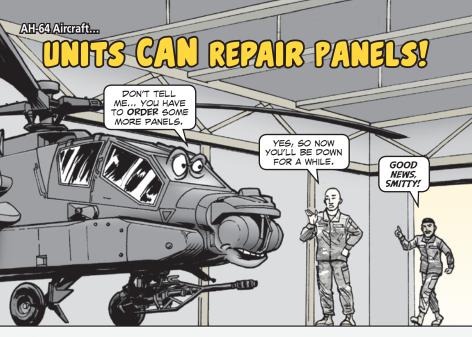


MECHANICS,
UNSERVICEABLE RETURN
RATES ARE LOW FOR
CERTAIN BLACK HAWK
COMPONENTS, CAUSING A
HIGH DEMAND FOR PARTS IN
THE SUPPLY SYSTEM.

UNSERVICEABLE PARTS
ARE NEEDED TO SUPPORT
A **PEPAIR PROGRAM.** THIS
ENSURES THAT REPAIRS
ARE PONE AND CONSISTENT
PELIVERIES COME BACK TO
UNITS WHO ORDER PARTS.

IF YOU HAVE
AN UNSERVICEABLE
LEFT HAND STABILATOR,
NÓN 1560-01-542-7904;
CENTER BOX STABILATOR,
NÓN 1560-01-294-7824;
RIGHT HAND STABILATOR,
NÓN 1560-01-542-8455;
DRIVE SHAFT ASSEMBLY,
NÓN 1615-01-491-1924;
OR AN AIR DATA ASSEMBLY,
NÓN 6610-01-558-4786,
LYING AROUND,
TURN THEM IN!

PS 759 51 FEB 16

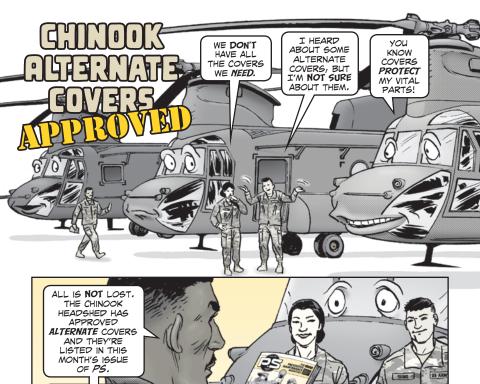




THE SMR CODE FOR MANY OF THESE PANELS IS PAOOO.
THAT MEANS THE PANELS CAN BE REPAIRED AT THE AVUM LEVEL BY ARMAMENT/ELECTRICAL SYSTEMS REPAIRERS USING THE REPAIR TASKS IN THE INTERACTIVE ELECTRONIC TECHNICAL MANUAL (TETM) 1-1520-LONGBOW/APACHE.

TO **REDUCE** DEMAND, COST AND DOWNTIME, REPAIR THESE PANELS WHENEVER POSSIBLE.

ltem	NSN	
Fire detection/extinguishing panel	1680-01-412-9299	
Tail wheel lock/night vision panel	1680-01-441-2737	
Pilot lighting panel	1680-01-479-9114	
Co-pilot gunner lighting panel	1680-01-442-4346	
Power distribution panel	6110-01-442-2735	
Video control panel	1290-01-438-6574	
Stores jettison panel	1290-01-441-3664	
Armament panel assembly	1290-01-438-4763	



MECHANICS, YOUR CHINOOKS COME WITH PRIMARY COVERS FOR DIFFERENT PARTS OF THE AIRCRAFT.

KEEP THIS LIST HANDY BECAUSE THE NSNS WON'T BE ADDED TO THE TMS.

YOU'LL FIND THESE COVERS LISTED IN THE TMS.



IN CASE YOU **DON'T** HAVE THE PRIMARY COVERS ON HAND, THE CHINOOK HEADSHED HAS PROVIDED **THREE APPROVED ALTERNATE COVERS** FOR THE PITOT TUBE, THE T-714 ENGINE, AND THE ROTOR HEAD:

Item	NSN 1730-	
Pitot tube cover	01-645-1206	
T-714 engine maintenance cover	01-646-0357	
Rotor head maintenance cover	01-646-0358	

THESE COVERS COME FROM A THIRD PARTY SOURCE AND THE NSNS WON'T BE ADDED TO THE TMS, SO MAKE A NOTE. IF YOU COVER THE COVER, ON-SIT SEES IN MANUAL THE THREE THREE THREE COVERS:

THE THREE THREE COVERS:

THE TRAINING COVERS:

THE TRAINING COVERS:

IF YOU ORDER THE COVERS, YOU HAVE THE OPTION OF A FREE, THREE-PART, ON-SITE TRAINING SESSION FROM THE MANUFACTURER.

TO ARRANGE FOR THE TRAINING, CONTACT:

Mark Bechtel Shield Technologies Corporation 715-441-0280

mark.bechtel@envelopcovers.com

 information about the unique anti-corrosion cover technology and how it benefits your aircraft and equipment.

 hands-on training to properly install, remove and care for the covers.

• a CD with written instructions on how to properly install, remove and care for the covers.

The CD also helps train new Soldiers and provides refresher training.

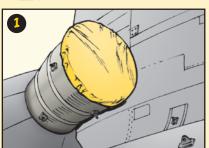
THE TRAINING PREVENTS PAMAGE TO AIRCRAFT COMPONENTS AND EQUIPMENT WHILE EXTENDING THE LIFE OF THE COVERS.

Primary Cover NSNs

HERE'S A
LIST OF THE
PRIMARY
COVERS FOR
THE CHINOOK.
KEEP THIS
AS A HANDY
REFERENCE...

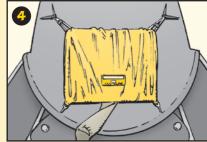


)	#	ltem	NSN 1730-	PN
	1	Engine exhaust cover	01-593-9707	CH-47-202
	2	Forward rotor head cover	01-593-9690	CH-47-063
	3	FWS XMSN oil inlet cover	01-593-9716	CH-47-068
		Aft rotor hub cover	01-593-9723	CH-47-064
_	4	Hyd/oil cooler exhaust vent cover set	01-593-9684	CH-47-067
	5	APU tail cone exhaust cover	01-593-9515	CH-47-150
	6	Center console set cover	01-593-9662	CH-47-127
	7	Air inlet and oil cooler exhaust cover	01-593-9697	CH-47-124
9	8	Cockpit enclosure (windshield and nose)	01-593-9636	CH-47-128
)	9	Aircraft engine right-hand cover	01-593-9359	CH-47-060
	10	Aircraft engine left-hand cover	01-593-9488	CH-47-059









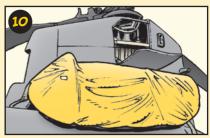












NOTE: BOTH 9 AND 10 PEPICT COVERS PESIGNED FOR TWO CONFIGURATIONS, ONE WITH AND ONE WITHOUT THE EXTERNAL AIR PARTICLE SEPARATOR (EAPS) AND ENGINE EXHAUST INSTALLED.

THE MANUFACTURER OF THESE COVERS WILL ALSO PROVIDE HANDS-ON TRAINING IF REQUESTED. THE POC IS: JIM CROTTY COCOON, INC.

PHONE: 603-964-9421
EMAIL: jcrotty@cocoon-inc.com



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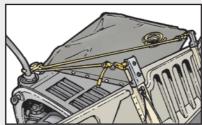
echanics, you've known for a long time that all five Apache catwalk doors can get blown shut by high winds.

And if the doors close out of sequence, the door panels are damaged—not to mention you can be knocked off the catwalk if you're working on the aircraft.

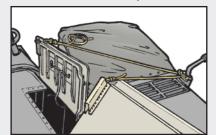
Right now there is no standard way to secure the doors in the open position while doing pre-flight procedures or maintenance. Over the years, units have devised their own methods to keep the doors open as they perform tasks on the catwalk.

To address the issue, the Apache PM announced an optional commercial solution for tying down open catwalk doors in high winds: the **Apache catwalk door restraint system**.



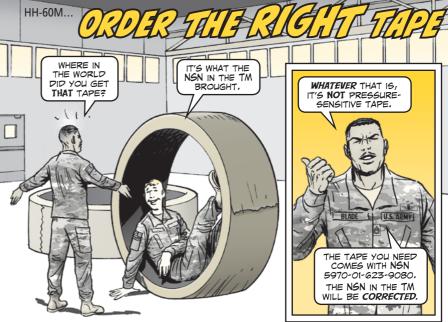


Catwalk door restraint, NSN 4920-01-628-6268, keeps doors from blowing closed









echanics, the NSN for the fuel cell liner tape listed in the Expendable and Durable Items List of the Black Hawk M model technical manual is incorrect.

Item 329 in WP 1687 of TM 1-1520-280-23&P lists NSN 7510-01-326-1567 for the tape. The correct NSN is 5970-01-623-9080 (PN 80-6109-1847-8).

The tape comes in a case of 20 rolls for about \$690. It isn't available in single rolls. Make a note until the correct NSN appears in the next update to the TM.

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IMPROVE YOUR MAINTENANCE - USE PS



Paying attention to detail is one of the primary lessons of basic training. It is often reinforced by the Army's Non-Commissioned Officers.

We've probably all heard the story that a battle was lost because a horseshoe was missing a nail. That caused the loss of the shoe, the horse went lame, and the hero failed to save the day.

Detail matters in equipment maintenance, too. It's the loss of the 60-cent spring that causes a Bradley IFV to go lame, an M4 carbine to stop firing due to a bent firing pin, or an aircraft engine to fail when it's torn up by a forgotten aircraft wrench.

It's these small details that PS Magazine has written about for 65 years.

Don't mistake our cartoon art as a reason to discount our advice. Our information has been reviewed by the equipment proponent twice. *PS* is actually a camouflaged technical bulletin.

Pay attention to what we tell you – it's timely, relevant, and approved info. We have the world's best equipment; use *PS Magazine* to help you take care of it.



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SOAK UP HAZMAT SPILLS

Get a 44-lb bag of absorbent compound for soaking up oil and fuel spills with NSN 7930-00-269-1272. Just sprinkle the compound on the spill and sweep it up once the spill is absorbed. Dispose of the compound in a proper HAZMAT container. Table 1 of CTA 5-970 is your authority for ordering the compound.

RG31 MRAP TRANSMISSION FLUID

Use only TES-295 transmission fluid in your RG31 MRAPs. Order with these NSNs:

NSN 9150-	Qty
01-552-9119	1 qt
01-565-0981	Six 1-gal bottles
01-552-9157	5-gal container
01-551-2796	55-gal drum

Never mix other fluids, like Dexron III or IV, in the RG31's transmission. That causes performance problems and unnecessary wear-and-tear.

Up-armored HMMWV Windshield Washer Nozzle and Bracket

Need to replace the windshield washer nozzle on your up-armored HMMWV? A new nozzle comes with NSN 2540-01-596-1571, but you'll need the right bracket to use it. If your truck has the B kit installed, get the new-style nozzle bracket with NSN 5340-01-596-4595. If your up-armored M1151A1, M1152A1, M1165A1, or M997A3 doesn't have the B kit installed, use nozzle bracket, NSN 5340-01-596-4592. For M1151, M1152 and M1165 HMMWVs without armor, use NSN 5340-01-596-4594.

There is also a new improved washer nozzle and hood modification kit available. This kit, NSN 2540-01-629-6780, is for vehicles with the B kit that are also equipped with emergency escape windows.

MEP-805B 30·kW Fuel Filter Seal Kit NSN

There's a new NSN and PN for the MEP-805B (30-kW) generator's fuel filter seal replacement kit. Order it with NSN 4330-01-512-4284 (PN RE516553, CAGE 75160). It replaces NSN 5330-01-452-0929 (PN RE50752, CAGE 75755), which is listed as Item 8 in Fig 18 of TM 9-2815-259-24P (Nov 00). That NSN is a terminal item.

HMMWV Maintenance Question?

Have a repair part, TM or general maintenance question about the HMMWV? Get an answer from the HMMWV equipment specialists at TACOM LCMC by sending an email to:

usarmv.detroit.tacom.mbx.ilsc-hmmwv-maintenance@mail.mil

Website for Cancelled CECOM (B16) Requisitions

Supply requisition cancellation (CA) notes for CECOM LCMC (B16) are now automated at the i2Log website. Find out why your requisition was cancelled and get a CECOM POC for help. You'll need your Common Access Card (CAC) for access. Go to:

https://lrcweb1.apg.army.mil/i2log/misc/ca.cfm

You can search for your requisition by document number, DODAAC or NIIN. For i2Log support, call DSN 848-6068, (443) 861-6068, or email: randy.j.burton4.civ@mail.mil

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M1082/M1095 FMTV Trailer Tire and Wheel Assembly

The article on Page 14 of PS 725 (Apr 13) listed the wrong tire and wheel assembly for the M1082 and M1095 FMTV trailer. There are actually two tire and wheel assemblies available for FMTV trailers. Use either the FMTV basic/A1 spare tire assembly, NSN 2530-01-500-4619, or the FMTV A1P2 spare tire assembly, NSN 2530-01-571-5857. The tire alone comes with NSN 2610-01-356-9098 and the size is 395/85R20.

Check IE Settings for DOD EMALL

If you're getting a "Page Cannot Be Displayed" error when trying to access DOD EMALL with the Internet Explorer® (IE) browser, be sure that TLS 1.2 is checked and SSL 2.0 is unchecked under IE's "Tools/Internet Options/Advanced" tab. TLS 1.2 is only supported in Windows 7 or later.

PROTECT HIGH FREQUENCY RADIOS

To keep the AN/ARC-220 high frequency Radio LCD display panel free from small cracks and blemishes caused by seat belts in your Black Hawks and Chinooks, order an LCD panel cover with NSN 6650-01-519-9165 to cover the display.

REPAIRING BLACK HAWK CABIN SOUND PROOFING

If you have small tears or rips in your cabin soundproofing material, you can fix them by following the repair procedures listed in WP 0370 of TM 1-1520-237-23&P or WP 0365 of TM 1-1520-280-23&P. The TMs also list all the needed materials. The cloth patch part numbers for the -280 M-model are

- Black cloth:
 - 7050052068-11 and, 70500-52068-128
- Face cloth:

7050002053-104 and 7050052068-175

For the -237 A & L model Black Hawks use cover fabric: PN 70500-02174-108.

M969A3 Alternator Belt NSN

Get a new engine alternator belt for the M969A3 fuel tanker with NSN 3030-01-387-5679. It replaces NSN 3030-01-367-7487, which is shown as Item 2 in Fig 62 of TM 9-2330-330-14&P (Nov 05). That NSN is a terminal item.

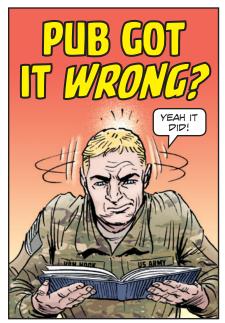
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