

#### ISSUE 755 OCTOBER 2015

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By order of the Secretary of the Army:

GCSS-Army Turn-In Credit Requests

#### RAYMOND T. ODIERNO

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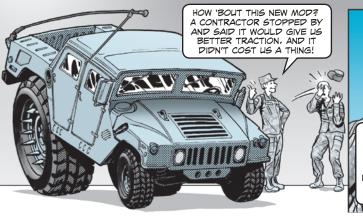
Administrative Assistant to the Secretary of the Army

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60-61



## Unauthorized Mods Are Just That... Unauthorized





IT'S GONNA
COST A BUNDLE
TO CHANGE IT
BACK!
DON'T YOU
KNOW THAT'S AN
UNAUTHORIZED
MODIFICATION?

LISTEN UP! VENDORS AND CONTRACTORS HAVE BEEN SHOWING UP AT MOTOR POOLS TO FIX EQUIPMENT STILL UNDER WARRANTY.

WHILE THERE, THEY'VE
ALSO BEEN PERFORMING
UPGRADES AND
MODIFICATIONS THAT JUST
AREN'T AUTHORIZED.



UNAUTHORIZED
MODS NOT ONLY
COMPROMISE YOUR
VEHICLE'S ABILITY
TO CARRY OUT
THE MISSION, BUT
THEY CAN ALSO
AFFECT SAFETY AND
SURVIVABILITY.

UNAUTHORIZED
MODS THAT APPEAR
OUT OF NOWHERE
CHANGE A VEHICLE'S
CONFIGURATION,
BYPASS THE
AUTHORIZED MEANS
FOR VEHICLE MODEL
UPGRADES, AND
HURT TM ACCURACY,

SUSPECT MOD? REPORT IT TO YOUR MECHANIC AND LOCAL TACOM LAR. THEY'LL GET YOU SQUARED AWAY!

SEE A

PLAIN AND SIMPLE,
THE **ONLY** TIME A
VEHICLE CAN BE MODIFIED
IS THROUGH AN **APPROVED**MODIFICATION WORK
ORDER (MWO).

JUST LIKE IT SAYS IN
PARA 3-1E OF AR 750-10,
THE ARMY MODIFICATION
PROGRAM: COMMANDERS
ARE NOT ALLOWED TO
MODIFY EQUIPMENT UNLESS
AN MWO AUTHORIZES IT.



## **PS** COMBAT VEHICLES





Dear Editor,

Can you let your readers know that TM 9-2350-388-13&P (IETM EM 0334, Jun 14) is now available for the M1A2 SEP tank? The IETM is available free through the Army Publishing Directorate (APD).

Tracie Dotson M1A2 Abrams Publications Manager TACOM LCMC

Editor's note: No problem! Units, set up an APD account by faxing a completed DA Form 12 to APD's Account Processing Team at DSN 693-9620 or (314) 592-0920.

Instructions for setting up an account are at:

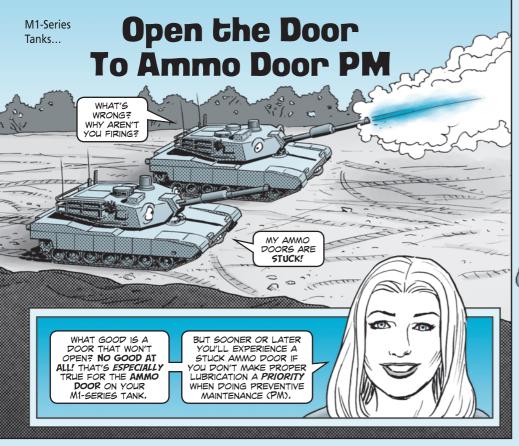
http://www.apd.army.mil/Orders/HowtoEstablishAcct.pdf

Once your account is set up, order the IETM through the Point & Click Ordering System at: https://dol.hqda.pentagon.mil/ptclick/index.aspx

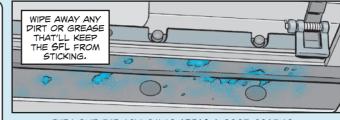
To order, click search and fill out the form on the next webpage.

IETMs can also be downloaded on the Logistics Information Warehouse (LIW) website at: https://liw.logsa.army.mil

Pages 48-51 of PS 746 (Jan 15) have instructions for downloading IETMs: https://www.logsa.army.mil/psmag/archives/PS2015/746/746-48-51.pdf



A SEMI-ANNUAL COAT OF SOLID FILM LUBRICANT (SFL), NSN 9150-01-260-2534 WILL GO A LONG WAY TOWARD MAKING SURE THOSE DOORS KEEP OPENING.



#### THEN GIVE THE FOLLOWING AREAS A GOOD COATING...

- Ammunition doors. Spray the door seals, sliding surfaces and rails.
- Ready ammunition door. Spray the four seal retainer cams and the two rail cams.
- Stowage ammunition door. Spray the two door cams.
- Hook latch. Use a grease gun to lube the hook latch with WTR, NSN 9150-00-944-8953.
- Hook latch and housing assembly. Spray all moving and touching parts.
- Latches. Spray the sliding surfaces of all latches.
- Ammunition tubes. Spray
  the inside surfaces and all
  rubber stops inside the
  ammunition tubes with SFL.
  That allows ammo to slide in
  and seat properly so that it
  doesn't hit the ammo doors.





AFTER LUBING
THIS ASSEMBLY,
MAKE SURE
THE MOUNTING
SCREWS ARE NICE
AND TIGHT.

VIBRATION OFTEN LOOSENS THE SCREWS. THEY CAN BREAK AND JAM THE AMMO DOOR AS YOU TRY TO OPEN OR CLOSE IT.

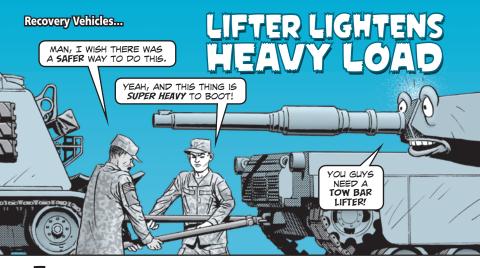


TH AA THE T

BE SURE TO GIVE
THOSE SCREW HEADS
A CLOSE LOOK WITH
A FLASHLIGHT EVERY
TIME YOU CHECK OUT
THE AMMO DOORS
AND RACKS.

IF THEY'VE BACKED OUT OR IF THEY'RE LOOSE ENOUGH TO TURN WITH YOUR FINGERS, GIVE YOUR MECHANIC A HEADS UP. HE'LL ADD A DAB OF LOCKING COMPOUND, NSN 8030-01-025-1692, TO THE SCREWS BEFORE RE-TIGHTENING THEM.

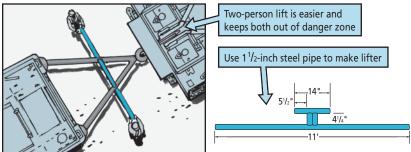




Everybody needs a little pick-me-up now and again. That's especially true when you're hooking up the tow bar while recovering a disabled combat vehicle.

That's one of the most difficult—and dangerous—jobs a mechanic has to do. Not only is the tow bar heavy, hooking it up requires you to stand between several tons of metal that might suddenly move!

The solution is a homemade tow bar lifter. It makes your job a lot easier and safer. You won't have to stand between vehicles to hook up the tow bar. And with two people lifting, the load is a lot lighter.



The 11-ft long lifter is made of  $1^{1/2}$ -in diameter steel pipe that is  $^{1/8}$ -inch thick. It has a 14-in long tee made from the same pipe and fits in the V-shaped end of the tow bar.

After attaching the tow bar to the disabled vehicle, two people use the lifter to hold the tow bar up. The recovery vehicle driver makes the hookup with the help of the ground guides. The lifter is designed to work with all Army tow bars and recovery vehicles, including the 5-ton wrecker.

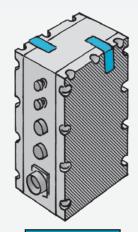
## M2A3 Bradley... Turn In Unserviceable LRUS

IF YOU HAVE UNSERVICEABLE LINE REPLACEABLE UNITS (LRUS) FOR YOUR M2A3 BRADLEY, HERE'S YOUR CHANCE TO IMPROVE COMBAT READINESS AND EARN UNSERVICEABLE CREDIT.

TACOM HAS A CRITICAL NEED FOR THE FOLLOWING LRUS, SO TURN THEM IN THROUGH THE SUPPLY SYSTEM ASAP ...



13/14		
LRU	NSN	Unservicable Credit
Commander's interface	5895-01-535-3045	\$20,974
Sensor assembly, countermeasures	5865-01-535-3046	\$156,526
Display assembly	5895-01-535-3047	\$33,467
Control box, electrical	1005-01-537-6902	\$32,609



Unserviceable LRUs are needed now!

M1129A1 Stryker MCV, M1252 Stryker MCVV...

## REMOVE TUBE OR YOU'LL BE STUCK!

Dear Editor,

I frequently run into crews for the Stryker mortar carrier vehicle (MCV) who don't remove the mortar tube except for borescoping and pullover.

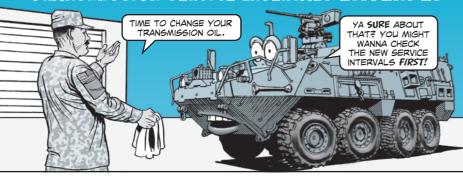
As a result, the tube sits and sits in the Stryker until the tube and base cap become stuck. Then you've got a major job getting them unstuck. I've been with my present unit for 7 months and have already seen 6 tubes that were either stuck in the cradle or had to be condemned due to excessive external pitting. I contacted other MCV techs throughout the Army and they told me they'd seen the same problem.

If crews remove the tubes at least quarterly, all this can be avoided.

CW2 Travis Gideon B Troop RSS, 2nd Cav Vilseck, Germany

Editor's note: Mortar crews, if you follow the procedures in Stryker TM 9-2355-311-10 (MCV) and TM 9-2355-364-10 (MCVV), you'll avoid stuck tubes. Pay particular attention to the AFTER PMCS and work packages on 120mm mortar RMS6-L breech assembly remove/install. You can also make it unit SOP to remove the tubes quarterly. The main thing is to not let the mortars sit neglected.

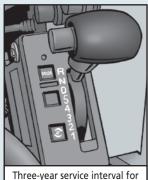
## TRANSMISSION SERVICE INTERVALS EXTENDED



Listen up, crews and mechanics! The transmission fluid service and filter change intervals for Strykers have been extended. Because fluid and filters don't have to be changed as often, your unit will save lots of time and money. Here's the scoop:

## Lever-Style Transmission Shifters

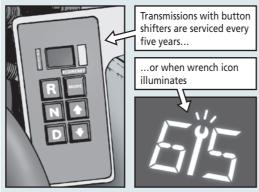
For Strykers with leverstyle transmission shifters, found on vehicles with CAT 3126 and some CAT C7 engines, the fluid and filter interval has changed from annually to every three years.



transmissions with shift lever

## **Button-Style Transmission Shifters**

For Strykers with button-style transmission shifters, found only on vehicles with CAT C7 engines, you should change the oil and filters every five years or when directed by the oil and filter life monitor, whichever comes first.



If the wrench icon illuminates and stays on—or flashes on and off—for 2 minutes after the drive range (D) is selected, notify field-level maintenance because the transmission is due for service.

MECHANICS, MAKE SURE YOU ONLY USE TES-295 AUTOMATIC TRANSMISSION FLUID AND HIGH-CAPACITY FILTERS IN BOTH TRANSMISSION TYPES. TES-295 COMES WITH THESE NONS...

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

NSN 4330-01-425-7701 BRINGS A KIT WITH TWO FILTERS, FOUR O-RINGS AND TWO GASKETS.

THE INTERVAL CHANGES WILL BE REFLECTED IN THE NEXT UPDATE TO THE STRYKER FOV IETM.

# More Help for Your M777A2 Howitzer

WHILE YOU HAVE MY BREECH DISAGGEMBLED, WHY DON'T YOU GIVE MY INTERRUPTED THREADS A LOOK-SEE? I THINK I FEEL A BURR DEVELOPING DOWN THERE!



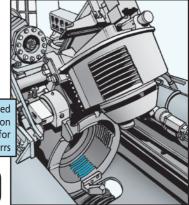
Dear Editor,

I agree with Ron Witt's tip in PS 751 (Jun 15) about the importance of at least weekly disassembling, cleaning and lubing the M777A2 breech, PFM body and tray. That is an excellent way to prevent firing problems.

One additional tip is to thoroughly inspect the interrupted sector threads on the breech ring for any burrs while you have the breech disassembled. Usually crews check the block threads because they are easy to see, but don't check the threads down in the breech ring. You can generally just file away burrs with the file in the M777A2's BII.

Andy Stewart BAE Systems Fayetteville, NC Inspect interrupted sector threads on breech ring for burrs

Editor's note: This tip definitely needs to be filed under TO DO. Thanks, Andy.



PS 755 8 OCT 15

# PS TACTICAL VEHICLES



# **PS** CONSTRUCTION





## KINK BEATS COVER FOR BELT PROTECTION

Dear Half-Mast,

I'm trying to find an NSN for the metal cover designed to protect the upper radiator hose from damage by the generator belts. But I've had no luck finding it in the IETM, TM 9-2320-280-13&P. Can you help?

CW3 R.D.M.

Dear Chief,

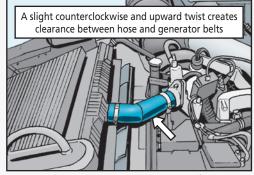
The metal cover you're looking for was originally designed for the CUCV. It isn't authorized for use on HMMWVs.

There's a note in the Inlet Hose (Radiator) Replacement section of TM 9-2320-280-13&P that will help. The note says vehicles with a 200-AMP alternator should have the inlet hose installed with the hose twisted counterclockwise and upward until a kink starts to form.

Twisting the hose slightly moves it enough to create some clearance. That keeps the hose safe from the generator belts.

Note that this only covers the following HMMWVs with the 200-AMP alternator

installed: M1121 M10	44/A1
M998/A1 M1045/A1/A2 M10	
M1038/A1 M1046/A1 M10	42
M1097/A1/A2/R1 M1025/A1/A2/R1 M99	6/A1
M1123 M1026/A1 M99	7/A1/A2
M966/A1 M1043/A1/A2 M10	35/A1/A2



Half-Mast

PS 755 11



WHATCHA DOIN'? JUST MAKING A NOTE TO ORDER SOME REPLACEMENT PARTS FOR YOUR INTERCOM SYSTEM.

HOLD ON!
THAT INTERCOM
IS NO LONGER
SUPPORTED!

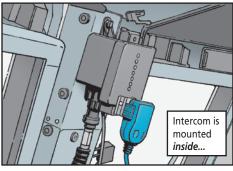


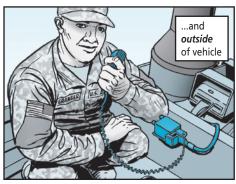
OPERATORS AND MECHANICS, THE TWO-WAY TROOP INTERCOM SYSTEM ON THE FMTV 2 \(^1/2^2\) AND 5-TON CARGO TRUCKS HAS GONE BY THE WAYSIDE.

THAT MEANS THE INTERCOM'S KITS AND REPAIR PARTS ARE NO LONGER SUPPORTED BY TACOM LCMC. THE VEHICLE'S IETM WILL BE UPDATED TO REFLECT THIS CHANGE.

AS LONG AS IT'S WORKING, YOU CAN CONTINUE USING THE INTERCOM, WHICH IS MOUNTED ON THE INSIDE AND OUTSIDE OF THE VEHICLE'S CAB.

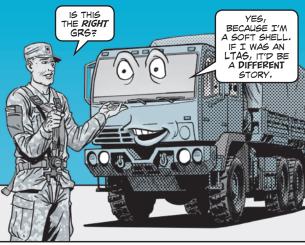






FMTV...

## WHICH GRS DO WE ORDER?



#### Dear Half-Mast,

On Pages 10-13 in PS 737 (Apr 14), you said to order a gunner restraint system (GRS) based on which armor kit is installed on your FMTV. How do you tell which kit is installed?

SGT D.D.

GOOD QUESTION,
SERGEANT! ALL BASIC
AO AND AI FMTV
MODELS WITH THE
SOFT SHELL (NONARMORED) CABS USE
THE GRS KIT THAT
COMES WITH NSN
2540-01-569-8599.
THE KIT INCLUDES
INSTALLATION
INSTRUCTIONS.



THE **NEWEST** FMTV, AIP2 LONG TERM ARMOR STRATEGY (LTAS), USES THE GRS KIT THAT COMES WITH NSN 2540-01-571-8576.

INSTALLATION INSTRUCTIONS
ARE INCLUDED.

THE LTAS GRS KIT CAN BE OBTAINED IN STAND-ALONE KIT, NSN 2540-01-571-8576, IF NECESSARY.

THE GRS KIT IS ALSO INCLUDED IN THE WEAPON STATION KIT. NSN 2510-01-567-8727, AND TRANSFER MOUNTING KIT, NSN 1005-01-577-2656,

THE AIP2 HAS DOORS OPENING BACKWARDS THAT ARE HINGED AT THE REAR OF THE DOOR.

THESE TWO GRS KITS ARE NOT INTERCHANGEABLE.

THE LOW SIGNATURE ARMOR CAB (LSAC) MODEL IS NO LONGER BEING USED. IF YOU HAVE ANY
GRG QUESTIONS ON
THE FMTV, CONTACT
TACOM'S WILLIAM
BAYES AT DSN
786-47355, (586)
282-4735, EMAIL:
William.s.bayes.civ@
mail.mil



13 OCT 15

FMTV....

# Jack Adapter NSN

THE JACK ADAPTER ASSEMBLY YOU NEED WILL DEPEND ON YOUR TRUCK. THAT'S RIGHT! AND YOU'LL NEED THE BIGGER VERSIONS FOR FMT!

LTAS TRUCKS LIKE ME!



Dear Half-Mast,

I'm having a problem locating an NSN for my FMTV's jack adapter assembly. The adapter is listed as one of the required BII items, but it's missing from all of our unit's FMTVs.

Is the jack adapter something we can order or is it a fabricated item?

Dear Sir.

Originally, the FMTV came with a 12-ton jack, NSN 5120-01-573-5935. There are two jack adapters available that can be used with this jack. The 12-ton straight jack adapter, NSN 4910-01-572-5688, is for the front and rear axles on all MTVs and LMTVs. The 12-ton angled jack adapter, NSN 5340-01-495-1298, is for the intermediate axle on MTVs.

The 12-ton jack is still in the supply system and OK to use with the 12-ton jack adapters. Both of the adapters are still available, too, but once stock runs out, that's it.

Recently, a new 20-ton jack, NSN 5120-01-627-2079, was added to the inventory. It uses a straight jack adapter, NSN 4910-01-625-7273, for front and rear axles and an angled jack adapter, NSN 5120-01-609-8724, for MTV intermediate axles.

The great thing about the jack adapters for the 20-ton jack is that they can also be used with the 12-ton jack. And since both jacks work with AO, AI and AIP2 model FMTVs,

these jack adapters are a great investment for your truck.

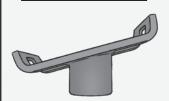
Half-Mast-

Get 20-ton straight jack adapter with NSN 4910-01-625-7273...

Mr. B.D.S.



...and angled adapter with NSN 5120-01-609-8724

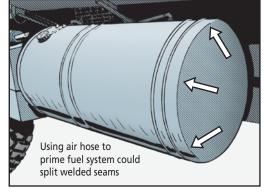




Mechanics, you should never, ever, use a pressurized air hose to prime the HEMTT's fuel system.

That adds too much pressure too fast. You can jam the pressure relief valve shut, all while pressure continues to build.

The vehicle's fuel system is designed for suction from the pump side, not pressure from the tank. Not only will using an air hose cause leaks, but the added pressure can split the seams in the HEMTT's fuel tank!



If you have a base or A2 HEMTT or an A1 wrecker that needs to be primed, use the priming (hand) pump, NSN 4910-00-402-9623. Make sure you follow the instructions in TM 9-2320-279-14&P (IETM EM 0290, Jun 09) for base HEMTTs and the A1 wrecker and TM 9-2320-325-14&P (IETM EM 0289, May 09) for A2 HEMTTs. You'll find the info under "Services Upon Receipt for an Engine Out of Fuel."

A4 HEMTTs have a built-in fuel pump. If your A4 HEMTT loses prime, follow the operator maintenance procedures in TM 9-2320-326-14&P (IETM EM 0288, Oct 08). You'll find them under the "Priming Fuel System" track.

These instructions are also listed in the operator's manuals for each of the A4 HEMTT models.

Training...

# MTTs Available for HEMTTs, HETs, ASVs





Program managers (PMs) provide initial training during the equipment fielding process. However, PMs are not funded to offer sustainment training. That's the unit's responsibility.

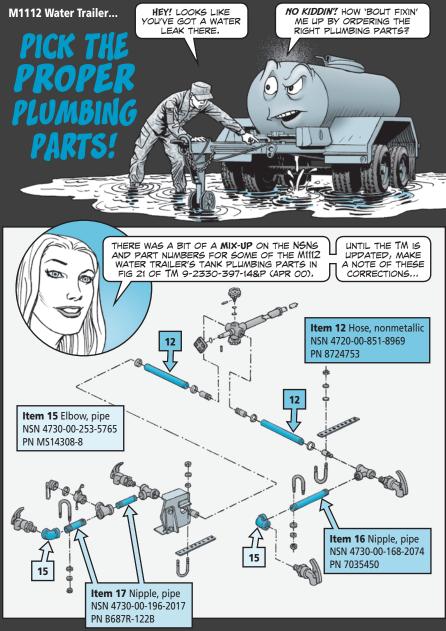
When sustainment training doesn't happen at the unit level, problems pile up. Units with high personnel turnover can end up without enough licensed drivers, equipment operators or trained mechanics. That can lead to lower unit readiness ratings.

If that sounds like your unit, here's some good news. Mobile training teams (MTTs) are available to give units operator and mechanic training on HEMTTs, HETs and ASVs. Units that want this training must fund the MTT and provide adequate training facilities. In some cases, a unit may be allowed to use an established training facility.



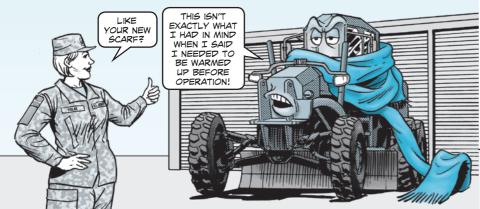
For more information on MTTs, email TACOM LCMC's Transportation Division's PM HTV and PM ASV training coordinator Lee Kyle at:

lee.k.kyle.civ@mail.mil



PS 755

## IDLE FIRST, THEN GO GRADING!



Now that you've started your 120M road grader, you're ready to move out, right? Not so fast, my road-grading friend!

Your vehicle needs to warm up a bit before the day's run. If not, moving parts break down. Then your grader is sitting on the side of the road instead of grading it.

Here's how to keep your grader on the job:

After start-up, run the engine for 3 minutes or so to allow the engine to reach operating temperature. That warm-up lets the engine burn off condensation from normal engine breathing. Unburned condensation will mix with oil to form a sludge that clogs the engine.

The 3-minute delay also gives the engine oil time enough to lubricate parts.



After warm-up, check the messenger display in the vehicle's cab. Pay special attention to the engine system and action light indicators. If either light up, shut down the engine and tell your mechanic.

You also must let the engine cool down for five minutes after operation. The engine needs to keep oil circulating to relieve excessive heat in the engine. Too much heat can crack the block, warp a head or valves, or bake the oil until it's not slick enough to lube the bearings.

18

ube the bearings.

OCT 15

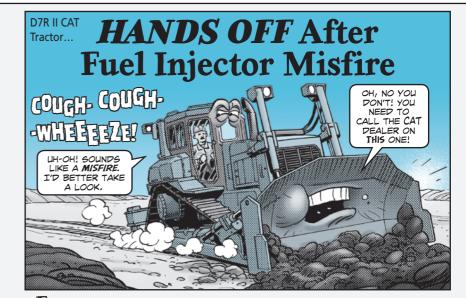


#### **Hydraulic Oil Reminder**

With the engine at idle, monitor the hydraulic oil's temperature by keeping an eye on the grader's messenger display.

Only operate the grader when the hydraulic oil temperature reaches or exceeds 41°F. If necessary, raise the hydraulic oil temperature by cycling each of the vehicle's implement and steering controls. This allows warm hydraulic oil to circulate through all the grader's hydraulic lines.

For more information, check out WP 0005 in TM 5-3805-293-10 (Dec 10).



**F**uel injectors on the new D7R dozer have been known to misfire. That causes the vehicle's engine to run rough and, in some cases, stall out.

A misfire can also make the fuel injectors seize. That brings your construction operations to a screeching halt!

Operators and mechanics, before you try fixing the problem yourselves, eyeball the serial number on the dozer's data plate. If it falls between KNA00214-00217 and KNA00219-781, you'll need to contact your local Caterpillar dealer to schedule a repair. Tell them it's regarding CAT Service Letter #PS44681.

Find your closest dealer at: http://www.cat.com/dealer-locator

Travel and mileage for the repair are included, so there's no cost for the visit.

## HELP MINEHOUND SNIFF OUT MINES!

KEEP YOUR VMR2 MINEHOUND MINE

DETECTOR HOT

ON THE TRAIL

BY FOLLOWING THESE TIPS

FROM THE FT

LEONARD WOOD

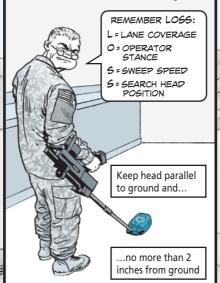
US ARMY ENGINEER

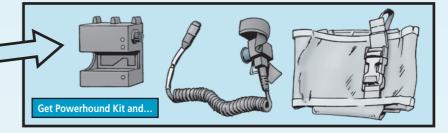
SCHOOL ...

Make sure you have the Powerhound Kit. It's an additional item and doesn't come with the Minehound kit. You can get it from your forward support. The Powerhound kit greatly increases operational time because it makes it possible to use military standard batteries, BB-2590 and BB-2557. The BB-2590 provides around 35 hours of operations and the BB-2557 11 hours. These are the only approved batteries for the Powerhound.

**Get extra strap.** The Minehound comes with a shoulder sling, but you can also get an optional weight mitigation strap from your forward support.

Keep the detector search head parallel to the ground. That's especially important on uneven ground. If the head is at an angle, it can give you false ground penetrating radar (GPR) readings, which could lead to a deadly mistake. Try to sweep 1 meter per second across a 1½-meter lane with the head no more than 2 inches off the ground.



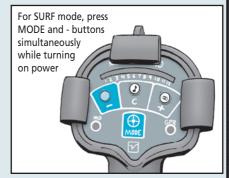




Remember, the Minehound has a SURF mode that allows you to detect in water if you use the LOSS principles. The Minehound won't be, however, as sensitive as on land. This is not mentioned in the Minehound's manual.

To put the Minehound in SURF mode, press the MODE and the - buttons at the same time. While holding down the buttons, turn on the power. But don't forget to switch out of the SURF mode when you're through. Otherwise, it will stay on SURF when it's used again. If you're operating on ground instead of water that could cause problems.

To turn off SURF mode, turn off the power. Then press the MODE and + buttons at the same time while turning the power on.

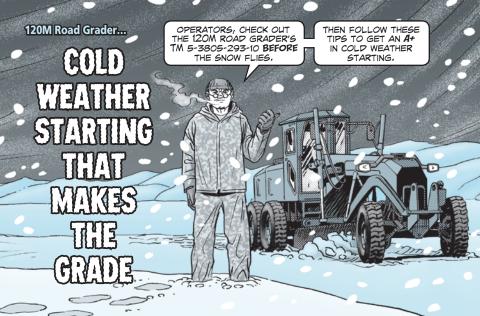


Use the plastic tag attached to the non-metallic test piece to adjust the search head brake screw. Operators often reach for their multi-purpose tool instead and that damages the screw. Then you can't adjust the screw and the Minehound has to go to forward support for repair.

Use plastic tag to adjust search head



# PS COLD WEATHER 120M Grader cold starts 120M Grader oil checks D7R II and frozen mud Cold weather and antifreeze Cold weather safety Dressing for the cold ANOTHER SNOWY DAY AT RICHARDSON. GOTTA LOVE IT! PS 755 **OGT 15**



#### **Starter Reminder**

All it takes is one heavy finger stuck on the grader's starter switch to burn out a good starter motor, plain and simple.

So when you try to start your grader's engine, engage the starter, but after 15 seconds...STOP!





Your grader can be a little harder to start when temperatures drop below freezing. That's why these vehicles have a canister that automatically injects ether into the engine for cold weather starting.

If your grader is hard to start, chances are the ether canister is empty. Have your mechanic check it out.



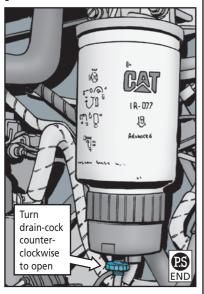
#### **Drain Out Water**

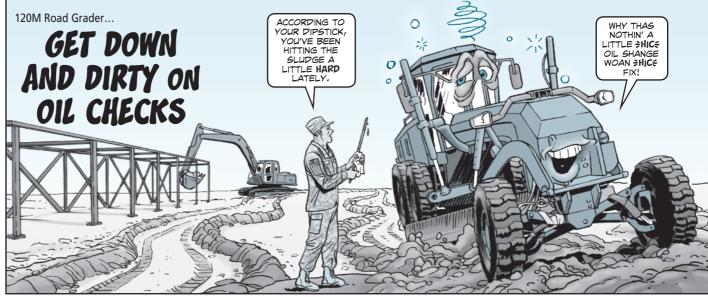
As the temperature goes up and down, condensation forms in the grader's fuel tank. The fuel/water separator is designed to get rid of that excess water.

If you don't drain the separator before the day's run, water and other crud are left behind in the fuel system. Then the engine runs rough, or not at all.

Open the access door behind the cab on the left-hand side of the vehicle. Turn the separator's drain-cock counterclockwise and use a clear container to catch the water/fuel mixture. Once the fuel runs clear, close the valve and go to work. If it stays cloudy, close the valve and have your mechanic check things out.

Clean up any mess and dispose of rags properly. Then dispose of drained fuel in an approved hazardous waste container. Never dump it down a drain or on the ground.







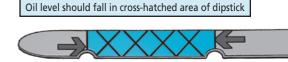
Look for sludge every time you check the oil level. It'll appear as small clumps on the dipstick.

Water contamination, on the other hand, is hard to find until it has really gotten bad. If you suspect contamination, draw an oil sample and let it stand in a glass jar. Water will separate from the oil. Let your mechanic know. He'll need to change the oil and filters.

#### **Need An Accurate Reading?**

You'll get the most accurate oil-level reading while the engine is cold, like it says in WP 0013-5 of TM 5-3805-293-10.

**Remove** the dipstick and wipe it with a clean rag, then reinsert it. Remove the dipstick again to eyeball the oil level. It should fall in the cross-hatched area of the dipstick.



It's a good idea to check the oil level during long operations. After shutting down the engine, wait 10 minutes to let the oil drain back into the oil pan. Then recheck. It's not as accurate as a cold check, but it'll let you know if there are any problems.

The grader's engine oil is also monitored in the service menu on the messenger display inside the vehicle's cab. Low pressure indicates the oil level is low.

Never overfill just to skip an oil check. That just causes other problems, like blowby.

Check oil pressure on messenger display's service menu



PS 755 24 OCT 15 PS 755 25 OCT 15



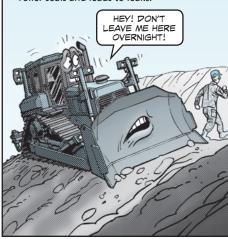
Leaving mud caked around the idler wheels of your D7R II dozer during cold weather, especially overnight, is just asking for trouble. Those bitter temperatures freeze the mud to the inner and outer seals on the idler wheels, causing leaks.

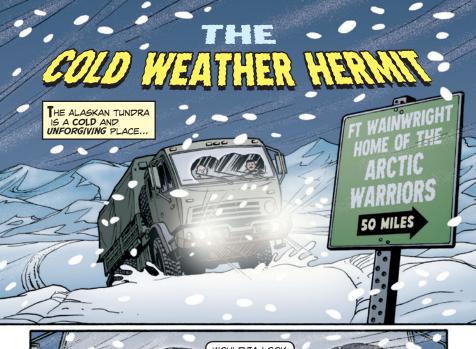
But there are a few things you can do to prevent that:

- Use clean water to wash out the dozer's undercarriage. Pay special attention to the idler wheels.
- Drive the dozer forward in an S-pattern for about 50 meters, then do the same in reverse. These maneuvers help remove much of the mud that sticks to the idler wheels.



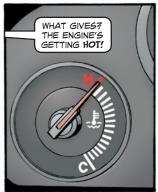
 The next day, keep the dozer moving once it starts to move. That allows the idler wheel seals to warm up and redistributes the seal face load pressure.  Park on a hard, level surface. Never park your dozer on a slope overnight. Besides being unsafe, it puts a strain on the roller seals and leads to leaks.









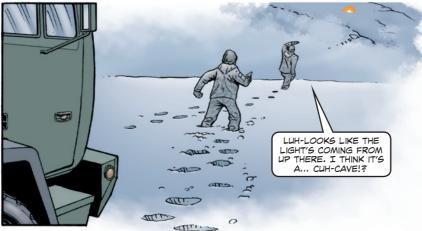












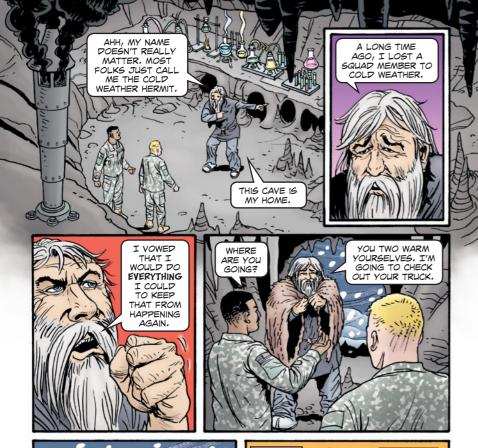










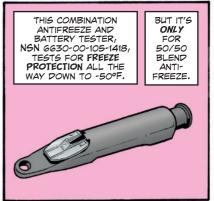
















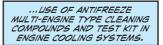
PS 755 31 OCT 15





















...TO KEEP YOUR FMTV UP-TO-SNUFF IN COLD WEATHER, YOU'LL NEED THIS LIST OF NSNS FOR ETHYLENE GLYCOL-BASED ANTIFREEZE.

Item	Size	NSN 6850-
Concentrated antifreeze A-A-52624	1-qt can	00-664-1399
Concentrated antifreeze A-A-52624	1-gal bottle	01-464-9125
Concentrated antifreeze A-A-52624	5-gal container	01-464-9137
Concentrated antifreeze A-A-52624	55-gal drum	01-464-9152
Pre-diluted antifreeze A-A-52624	1-gal bottle	01-464-9266
Pre-diluted antifreeze A-A-52624	5-gal container	01-464-9263
Pre-diluted antifreeze A-A-52624	55-gal drum	01-464-9096





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## Safety... WINTRY WARNINGS







#### Dear Editor,

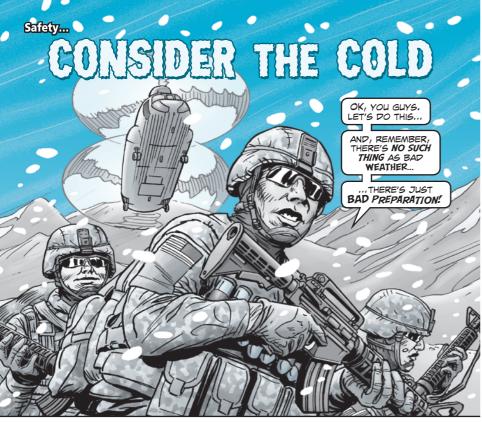
I wanted to share some tips with your readers as winter bears down on us again. Slips and falls are a year-round hazard, but cold weather adds an extra challenge. Remember to:

- Keep outdoor walkways and steps free of ice, snow, water, mud and
- Keep entrances and interior traffic areas dry and clean. Put down doormats at entry points to help remove snow, water and mud from footwear.
- Take extra precautions on sloped floors, ramps or scaffolds. Use handrails, non-slip treads or coatings when possible.
- Be especially careful getting in or out of vehicles in cold weather.

For more safety tips, visit the US Army Combat Readiness Center website: https://safetu.armu.mil/

CW4 David Ware US Army Combat Readiness Center Ft Rucker, AL

Editor's note: Prime pointers, Chief. Thanks for warming us up for the winter trials ahead.







THAT'

THAT'S WHY **EDUCATION** IN PREVENTING, RECOGNIZING AND TREATING CWIS IS SO IMPORTANT. CWIS INCLUDE...

 injuries due to decreased temperature (hypothermia, frostbite, nonfreezing cold injury).



- injuries due to heaters (like burns, etc.).
- carbon monoxide poisoning.
- accidents due to impaired physical and mental function, caused by cold stress.

HERE ARE SOME TIPS TO KEEP CWIS AT BAY...

 Make sure your cold-weather clothing is clean, dry and in serviceable condition (no holes or broken fasteners). Wear clothing in loose layers.



- Eat enough calories and stay hydrated.
   Avoid alcohol. It can accelerate heat loss.
- For missions, pack sufficient quantities of protective clothing and equipment like socks, proper headgear, sunglasses, sunscreen, lip balm and skin-care items.

be sure you know how to use them properly. You can download a fact sheet, Guidance on the Use of Heaters Inside Tents and Other Enclosed Shelters, from the United States Army Public Health Command (USAPHC). Click the Resource Materials tab at the top of the main page, then search for "heaters" at:

https://phc.amedd.army.mil/



PS 755 37 OCT 15

FOLLOW THE BUDDY SYSTEM. EVACUATE YOUR BUDDY TO THE CLOSEST MEDICAL TREATMENT FACILITY IF YOU OBSERVE CWI SYMPTOMS SUCH AS...





NOTE: IF MEDICAL CARE IS NOT READILY AVAILABLE, GET THE SOLDIER INTO A WARM ENVIRONMENT, REMOVE ANY WET CLOTHING, AND KEEP HIM WARM AND DRY UNTIL MEDICAL PERSONNEL ARRIVE.



slurred speech.

 Report all CWIs to the US Army Combat Readiness Center, as mandated by AR 385-10, Army Safety Program (Nov 13).

> UNIT LEADERS, MAKE SURE ALL YOUR SOLDIERS AND CIVILIANS ARE TRAINED ON PROPER WEAR, USE, CARE AND MAINTENANCE OF COLD WEATHER CLOTHING AND EQUIPMENT.

Here are more helpful resources:

## **Cold Injury Prevention (USAPHC):**

exhaustion.

http://phc.amedd.army.mil/TOPICS/DISCOND/CIP/PAGES/DEFAULT.ASPX

## **TRADOC Regulation 350-29,**

Prevention of Heat and Cold Casualties (Jul 2012):

http://www.tradoc.army.mil/TPUBS/REGS/TR350-29.PDF

## **PS Magazine Articles**

"Water: It's Not Just for Summer Anymore":

https://www.logsa.army.mil/psmag/archives/PS2014/734/734-56-57.pdf

"Don't Be a Casualty of the Cold":

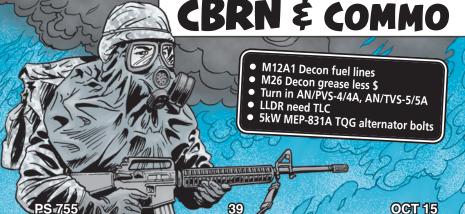
https://www.logsa.army.mil/psmag/archives/PS2013/733/733-50-52.pdf

"A Harsh Winter Tests Your Mettle":

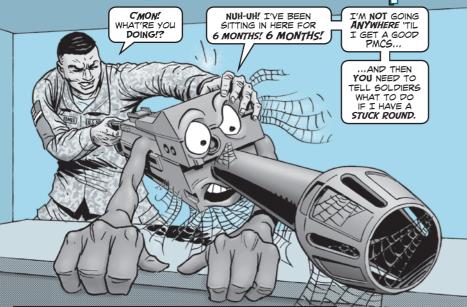
https://www.logsa.army.mil/psmag/archives/PS2011/708/708-52-55.pdf







## Mark Down These MK 19 Tips



Dear Editor,

As part of Ft Campbell's command maintenance evaluation and training team (COMET), I've run into two issues with the MK 19 machine gun that need attention.

MK 19s are not being fired. As a result, MK 19s sit too long in arms room with no attention. Armorers or small arms repairmen should at least be doing the quarterly services. And when the MK 19s go to the range, units need to do a very thorough PMCS first. After months of storage, the weapons may have developed problems.

If MK 19 gunners haven't fired for months, they need refresher training, especially on the misfire procedures. There should be no doubt what needs to be done if they get a stuck round.

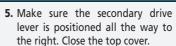
Units don't have the adjusting tool for the secondary drive lever and they don't know how to use it. This can make the MK 19 dangerous to fire. PS should repeat the procedure for using the tool.

And units should immediately make sure they get the tool.

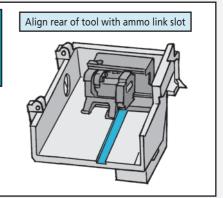
David Barger COMET Ft Campbell, KY NO PROBLEM, DAVID. UNITS CAN ORDER THE TOOL WITH NSN 1005-01-467-9435. HERE'S HOW TO USE IT...



- 1. Make sure the MK 19 is cleared and the bolt is forward.
- 2. Open the top cover assembly.
- 3. Remove the alignment guide and ogive plunger assembly.
- 4. Place the feed slide adjustment tool into the feeder base between the round positioning block and primary pawl with the rear of the tool aligned with the ammo link slot.



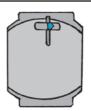
**6.** Going through the ammunition entrance, push the tool with your finger against the round positioning block. You'll hear the tool click into position.



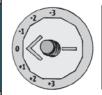
7. Pull the bolt fully to the rear without stopping. Move the handles forward and up.

**8.** Look at the tool through the ogive plunger hole. If the lever is adjusted correctly, the left edge of the indicator should be within the width of the white painted line. If the adjustment is correct, remove the tool and you're done. If the alignment is **not** correct, continue with Step 9.

Left edge of indicator within width of white line?



**9.** Open the cover and remove the secondary drive lever. Remove the screw and the locating washer on top of the secondary drive lever. Move the selector bushing so the next higher number aligns with the arrow on top of the secondary drive lever.



Go through range of adjustments until you get correct alignment

**10.** Assemble the secondary drive lever and do the alignment check again. If the left side of the indicator is still not within the width of the white line, remove the lever again and move the selector bushing so the next higher number aligns with the arrow on top of the secondary drive lever.

Keep doing Step 10 at each setting from +3 to -3 until the left edge of the indicator is within the width of the white line.

If you adjust the selector bushing from +3 to -3 and still can't get the correct alignment, the MK 19 needs to go to support.

PS 755 40 OCT 15



Dear Editor,

We saw on Page 42 of PS 741 (Aug 14) the suggestion that units remove the flash suppressor for the M2A1 machine gun's spare barrel so the barrel will fit in its cover.

We'd like to take that one step further and suggest units remove the flash suppressors for both barrels and store them in the spare barrel cover. We've had an orgoing problem with the flash suppressors being broken during transport. If that end of the barrel takes any kind of hit, the suppressor breaks and it costs roughly \$80 to replace it.

Once you're ready to fire, the suppressor

Remove flash suppressors for both barrels and store in spare barrel bag

With the suppressor off, protect the barrel threads with either the protective cap, NSN 5340-01-552-0082, or a piece of PVC pipe cut to fit.

CW2 John Blanton SSG John Doolittle CSMS-W Ft Polk, LA

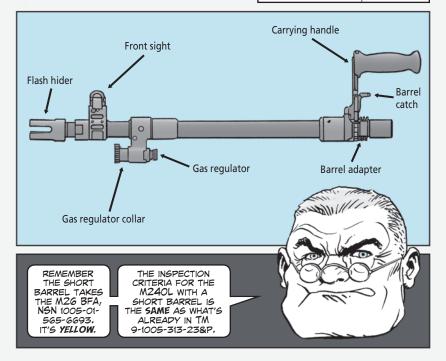
can be installed in 3 minutes.

Editor's note: We can't suppress a good idea like that. Thanks to both of you.

## **NEW SHORT BARREL PARTS AVAILABLE**



ltem	NSN 1005-
Barrel assembly	01-564-6769
Flash hider	01-661-3292
Carrying handle	01-550-1628
Barrel catch	01-408-5419
Barrel adapter	01-033-3900
Front sight assembly	01-575-6605
Heat shield	01-551-1563
Gas regulator	01-564-6020
Erosion tool for M240L short barrel gas plug	01-564-6768
Collar, gas regulator	01-036-7160



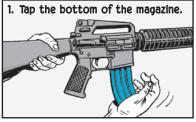


Dear Editor,

In the heat of battle, fixing a firing stoppage in your M16 or M4 can mean the difference between life and death for you and your unit.

The ejection port is the key to quickly deciding whether you need to take immediate or remedial action. If your weapon stops firing, look in the ejection port.

If the bolt is closed, take immediate action:





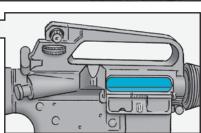
- 3. Look to see if a round came out.
- Check the chamber for a round.
- Let the charging handle go forward.
- Tap the forward assist.
- 7. Tru to fire.

If the bolt is open or doesn't look completely closed, take remedial action:

- Clear the weapon.
- 2. Inspect the chamber for a round.
- 3. Remove any brass and do an open bolt load. When doing an open load. the weapon does not need to be charged to fire the next round.

Scott Wayne Taylor Small Arms Repairman Ft Benning, GA

Editor's note: Great reminder, Scott! The complete procedures for both immediate and remedial action are in WP 0006 in TM 9-1005-319-10.



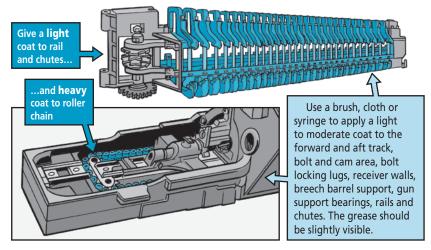


**G**rease, molybdenum disulfide (GMD) is far superior to TW-25B as a lubricant for the M230. It holds up better to the heat the M230 produces with its heavy-duty action.

But TW-25B is better to use in the desert because it attracts much less sand than GMD. However, you can't decide on your own to use TW-25B. TACOM must approve. Your local TACOM LAR can help get authorization.

Make sure all levels of maintenance know which lube you're using on the M230. You don't want the unit repairmen using GMD while support is lubing with TW-25B. Mixed lubes will damage your M230.

If you change lubes, remember to first clean off the old lube with isopropyl alcohol. The roller chain, drive gear/bearing and the bearing surfaces where the rotor mates get a heavy coat of lube. Use a brush or a caulk or grease gun to apply the lube. When you're finished, grease should be visible and plentiful.



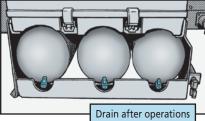
# HIMARS... DRAIN, DRAIN, DRAIN



Dear Editor,

One of the simplest ways HIMARS crews can prevent problems is to drain air from the launcher module hydraulic fluid reservoir and the three air tanks after operations.

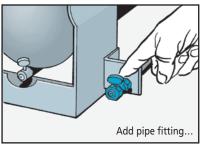
If the tanks aren't drained, moisture builds up in the air tanks. That can lead to equipment damage.

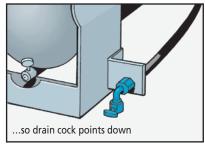


Brian Stewart
TACOM FMX Track Shop
Ft Sill, OK

Editor's note: Excellent point, Brian.

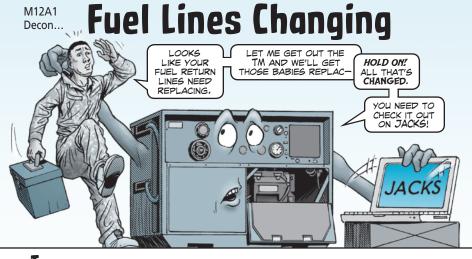
HIMARS units need to make sure they've got the 90-degree elbow pipe fitting installed on the hydraulic relief valve. Without the fitting, the drain cock points straight out and sprays you with hydraulic fluid when it's opened. With the fitting, you can easily drain the excess fluid into a container.





Order the fitting with NSN 4730-00-720-3170.

To install the fitting, your support needs to follow the procedures in TM 9-1055-1646-13&P in IETM EM 0259 (Jan 13) for removing the old air bleed valve and installing the pipe fitting.

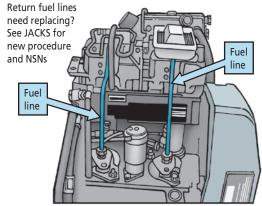


The next time your M12A1 decon needs new return fuel lines, don't go by the procedure in WP 0047 of TM 3-4230-237-23&P. The procedure for installing the fuel lines and the fuel line NSNs have changed.

Here's what you need:

 Fuel return line-injector, NSN 4720-01-628-0099

- Fuel return line-pump, NSN 4720-01-628-0092
- Banjo bolt, NSN 4730-01-630-1621
- Valve cover gasket, NSN 5330-15-001-8495
- Machine screw, NSN 5305-01-593-7762
- Flat washer, NSN 5310-01-508-3313
- Flat washer, NSN 5330-01-593-7760



To see the new fuel return line removal and installation instructions, go to: https://pki.jacks.jpeocbd.army.mil/Jacks/Secure/Training/NET/Default.aspx

Under Protection in the left-hand column, click on M12A1 Power Driven Decontamination Apparatus. Then click on M12 FUEL RETURN LINE TRAINING.ppt.

If your M12A1 return fuel lines are working, leave them alone. These NSNs and this procedure are only for fuel lines that need to be replaced.

Questions? Contact Emily Santiago at DSN 786-1680, (586) 282-1680, or email:

emily.e.santiago2.civ@mail.mil



Dear Half-Mast,

TM 3-4230-238-10 (July 09) lists NSN 9150-12-374-7676 as the grease for the MZ6 decon. But when you check out that NSN on FED LOG it lists the price as \$500. Isn't there anything cheaper? Also the TM shows the oil for the water pump as PN AOA-114-3440, but that doesn't cross to an NSN. Does it have an NSN?

MSG R.C.

Dear Master Sergeant,

We have very good news. The 2013 revision to the TM changed the grease to NSN 9150-01-563-3416. That grease costs around \$12.

The correct part number for the oil for the water pump is A01-114-3440. That crosses to NSN 1040-01-612-3498 on FED LOG. Make a note until the TM is updated.

**Protective** Masks...

# M42A2 Must Stay M42A2

Dear Editor,

Here at JBLM, we've run into several cases of Soldiers trying to convert their M42A2 masks into M40A1s, mostly for comfort and convenience. That is a no-go.

The M42A2 has a different carrier, microphone, hose assembly and canister carrier than the M4OA1. Soldiers are issued an M42A2 because they are supposed to be wearing an M42A2. And the M42A2's TM 3-4240-346-10 (Aug 10) makes it clear that all the parts peculiar to the M42A2 must be installed at all times. If they're left in the carrier, they'll soon disappear.

Please tell your readers M42A2s need to stay M42A2s.

David Whitmire, COMET CPT Michael Padden, 7th Inf. CW4 Bryon Newby, 7th Inf JBLM, WA

Editor's note: Consider it done.





The AN/PVS-4/4A is being replaced by the AN/PAS-13(V)1 light weapon thermal sight (LWTS) (LIN S60356) and the AN/PAS-13(V)2 medium weapon thermal sight (MWTS) (LIN S90535).

The AN/TVS-5/5A is being replaced by the AN/ PAS-13(V)3 heavy weapon thermal sight (HWTS) (LIN \$90603).

Units are not authorized to keep the AN/PVS-4/4A or AN/TVS-5/5A.

Once you receive the replacement sights, demil the AN/PVS-4/4A or AN/TVS-5/5A. For demil instructions, contact Jordan Good at DSN 648-1378, (443) 395-1378, or email:

#### jordan.s.good.civ@mail.mil

Once the sights are demilled, turn them in to your local DLA Disposition Services.

PM Soldier Sensor Laser is coordinating replacement sights.

Questions? Contact Hilda Thomas at DSN 648-1408, (443) 395-1408, or email:

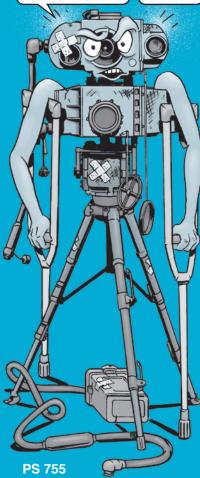
hilda.v.thomas.civ@mail.mil

AN/PED-1, -1A, -1B LLDRs...

# HANDLE WITH CARE

THANKS TO YOUR
ROUGH TREATMENT, I
HAVE TO GO ALL THE
WAY TO THE DEPOT
TO BE FIXED!

ALL YOU HAD TO DO WAS BE GENTLE WITH ME!

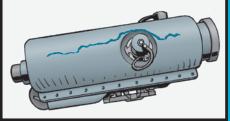


Too many AN/PED-1, -1A and -1B lightweight laser designator rangefinders (LLDR) are taking long trips to the depot for repair because Soldiers forget they need to be handled with care.

The most common reason for LLDR damage is they're dropped on their side. Even if an LLDR is in its soft case, the impact can crack it. Always lay an LLDR down gently.

LLDRs are also damaged when Soldiers aren't careful loading or unloading them from vehicles. Never toss an LLDR in a truck or let it bang against anything when you take it out of a vehicle. Never let an LLDR roll around in a vehicle during travel, either. Secure it before you hit the road.

#### Rough handling damages LLDR!



To help Soldiers remember to treat their LLDRs with care, stencil HANDLE WITH CARE on the cases.

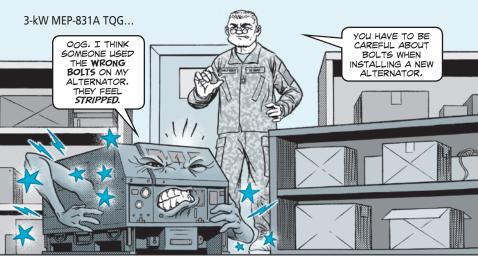
For info on taking care of your LLDR, see TM 11-5955-315-13&P.

If your LLDR or any target locator module (TLM) or laser designator module (LDM) needs repair, contact CECOM's Richard Gendreau at (443) 395-1366 or email: richard.j.gendreau.civ@mail.mil

Questions about your LLDR? Contact PEO Soldier's Mary Ellen Robel at (703) 704-1541 or email:

maryellen.l.robel.civ@mail.mil

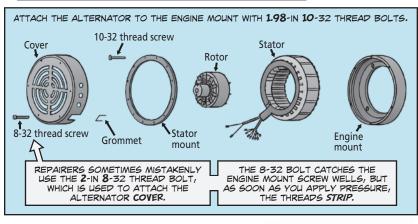
50 OCT 15



# WRONG BOLTS STRIP SCREW WELLS!

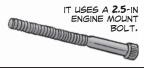
WHEN INSTALLING THE CE NIEHOFF K1201 ALTERNATOR ON THE 3-KW MEP-831A TACTICAL QUIET GENERATOR, YOU MUST BE VERY CAREFUL TO USE THE CORRECT BOLTS.

THE WRONG BOLTS STRIP THE SCREW WELLS.





THESE 1.98-IN 10-32 THREAD ENGINE MOUNT BOLTS WON'T WORK WITH THE DRS FERMONT/MARATHON ALTERNATORS.





# Combined Logistics Excellence Awards 2015



# "Best of the Best" Crowned

53





#### MAINTENANCE: 7th Army Joint Multinational Trng Cmd, Grafenwoehr, Germany

DEPLOYMENT: 3d BN, 4th ADA Regt, Ft Bragg, NC SUPPLY:

C CO, 834th ASB, Hastings, MN



# **ARMY AWARDS FOR MAINTENANCE EXCELLENCE**

#### **ACTIVE ARMY**

#### Depot Level

Winner: Red River Army Depot, Texarkana, TX (TACOM LCMC) Runner-up: Anniston Army Depot, Anniston, AL (TACOM LCMC)

#### **ACTIVE ARMY MTOE**

#### Small Category

Winner: 2d MI BN, Wiesbaden, Germany Runner-up: E CO, 2d BN, 2d Avn Regt, Seoul, Korea

#### Medium Category

Winner: Grp Svc Spt CO, Grp Spt BN, 10th SFG, Ft Carson, CO Runner-up: 15th Trans CO, Ft Sill, OK

#### Large Category

Winner: 24th MI BN, Wiesbaden, Germany Runner-up: 2d BN, 9th Inf Regt, Camp Casey, Korea

#### ACTIVE ARMY TDA

Winner: 7th Army Joint Multinational Trng Cmd. Grafenwoehr, Germany Runner-up: 403d AFSB-NE Asia, Korea

#### AVIATION

Winner: 1st MI BN (Aerial Exploitation). Wiesbaden, Germany Runner-up: 3d MI BN (Aerial Exploitation), Camp Humphreys, Korea

#### **ARMY RESERVE MTOE**

#### Medium Category

Winner: 301st MI BN, Phoenix, AZ Runner-up: 420th Eng CO (Clearance), Indiana, PA

#### **ARMY RESERVE TDA**

Winner: Equip Concentration Site #125 (G), Ft Bragg, NC Runner-up: Area Maint Spt Acty #57 (G), New Century, KS

#### **ARMY NATIONAL GUARD MTOE**

#### Small Category

Winner: FSC, 527th Eng BN, Ruston, LA Runner-up: B CO. 217th BSB. Bentonville, AR

#### Medium Category

Winner: 1075th Medium Truck CO, Columbus, NE Runner-up: 108th Sus BDE, Chicago, IL

#### ARMY NATIONAL GUARD TDA

Winner: Combined Spt Maint Site, Pineville, LA Runner-up: Maneuver and Trng Equip Site, Boise, ID

#### **ALL OTHERS**

Winner: TACOM FMX, Ft Leonard Wood, MO Runner-up: Busan Storage Ctr, Busan, Korea

# **DEPLOYMENT EXCELLENCE AWARDS**

#### **ACTIVE ARMY**

#### **Small Deploying Unit Category**

Winner: 688th RPOE, Ft Eustis, VA Runner-up: Svc CO. 5th BN. 7th ADA Reat. Kaiserslautern, Germany

#### Large Deploying Unit Category

Winner: 3d BN, 4th ADA Regt, Ft Bragg, NC Runner-up: 3-159th ARB, Illesheim, Germany

#### Supporting Unit Category

Winner: 635th MCT. Kaiserslautern, Germany Runner-up: 624th MCT, Kaiserslautern, Germany

#### **ARMY RESERVE**

### **Small Deploying Unit Category**

Winner: 948th MCT, Las Vegas, NV Runner-up: 1177th MCT, Kaiserslautern, Germany

#### Large Deploying Unit Category

Winner: 419th CSSB, Irvine, CA

# Supporting Unit Category

Winner: HO USA CA and PsyOps Cmd (Abn), Ft Bragg, NC

#### ARMY NATIONAL GUARD

#### Small Deploying Unit Category

Winner: 114th Trans CO. Duluth, MN Runner-up: 211th MP CO, Clyde, NC

#### Large Deploying Unit Category

Winner: 1-135th ARB, Whiteman AFB, MO Runner-up: 528th Eng BN, Monroe, LA

#### ALL ARMY INSTALLATION CONUS

Winner: Log Readiness Ctr, Ft Riley, KS Runner-up: Log Readiness Ctr, Ft Dix, NJ

#### OCONUS

Winner: USAG-Vicenza, Vicenza, Italy OPERATIONAL DEPLOYMENT

# Winner: 3d Sus BDE, 3d ID, Ft Stewart, GA

NOTE: There are no runners-up in some categories.

### SUPPLY EXCELLENCE AWARDS

#### **ACTIVE ARMY**

Level I (A) Company Supply MTOE Winner: HHC, 65th Med BDE, Yongsan, South Korea

#### Level I (B) Company Supply MTOE

Winner: C BTRY, 1st BN, 19th FA, Ft Sill, OK Runner-up: Maint Acty Vilseck Theater Log Spt Ctr, Vilseck, Germany

## Level II (A) Property Book MTOE

Winner: 21st STB, Kaiserslautern, Germany

#### Level II (B) Property Book TDA Winner: Allied Forces Cmd North BN.

USA NATO, Shape, Belgium

#### Level III (A) Brigade/Battalion MTOE Winner: 509th Sig BN, Vicenza, Italy

Level III (B) Brigade/Battalion TDA

# Winner: 1st BN, 40th FA, Ft Sill, OK

Runner-up: 39th Sig BN, Chievres, Belgium Level IV (A) SSA MTOE

Winner: E BTRY, 1st BN 43d ADA, Ft Bliss, TX





#### **ARMY NATIONAL GUARD**

Level I (A) Company Supply MTOE Winner: C CO, 834th ASB, Hastings, MN

#### Level I (B) Company Supply TDA

Winner: 209th Regt, RTI, Ashland, NE Runner-up: 175th Regt, RTI, Little Falls, MN

#### Level II (A) Property Book MTOE

Winner: 82d BDE Trp Cmd, Clackamas, OR Runner-up: HO. 1st ABCT, Bloomington, NE

Level II (B) Property Book TDA Winner: 771st Trp Cmd, Dunbar, WV

Level III (A) Brigade MTOE Winner: 1249th Eng BN, Salem, OR

Level IV (B) SSA TDA Winner: USP&FO, Lincoln, NE

#### **ARMY RESERVE**

Level I (A) Company Supply MTOE Winner: Army Maint Spt Acty 38, Wichita, KS

Level III (B) Brigade/Battalion TDA Winner: 2d BN, 381st Regt, Grand Prairie, TX

# **GCSS-Army Best Performing Award**

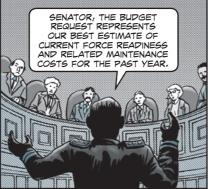
Winner: E BTRY, 1st BN 43d ADA, Ft Bliss, TX



**OCT 15 PS 755** 55

# MAINTENANCE REPORTS EQUAL MAINTENANCE DOLLARS













EVERY TIME YOU OPEN A WORK ORDER OR DISPATCH EQUIPMENT, DATA IS GENERATED. IF YOU ADD FUEL OR OIL TO A VEHICLE, DATA IS GENERATED.

WHENEVER YOU OPERATE UNIT EQUIPMENT AND PUT MILES OR HOURS ON IT-YEP, YOU GUESSED IT-THAT GENERATES DATA, TOO. Day-to-day unit operations and maintenance generates usage, work order and readiness data. That data is currently produced by legacy maintenance systems such as the Standard Army Maintenance System-Enhanced (SAMS-E), Unit Level Logistics System-Aviation Enhanced (ULLS-AE), Standard Army Maintenance System-Installation Enhanced (SAMS-IE), Standard Army Maintenance System-Fleet Management (SAMS-FM) and the Army War Reserves Deployment System (AWRDS). Data is also created by the newer Enterprise Resource Planning (ERP) system: the Global Combat Support System-Army (GCSS-Army).

Why is this data important and how is it used? Congress evaluates consolidated maintenance and usage data to decide if budget requests are reasonable. With increasing budget constraints, it's more important than ever to report accurate and complete maintenance data (including miles and man-hours) so the Army can make sound fiscal decisions.









If data isn't entered at all, done incorrectly or not reported in a timely fashion, the end result can be reduced dollars in a unit's operating budget.

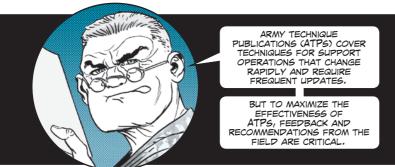
That's because maintenance data is used to identify resource shortfalls and assess the ability to maintain authorized equipment. When units don't report maintenance data, or it's incomplete or inaccurate, higher headquarters might assume they have all the resources needed to complete their missions.

The Army bases its decisions on unit-submitted data to determine each unit's training resource model and OPTEMPO funding. Missing reports make it difficult for the Army to determine how much money units should receive for equipment maintenance and operation.

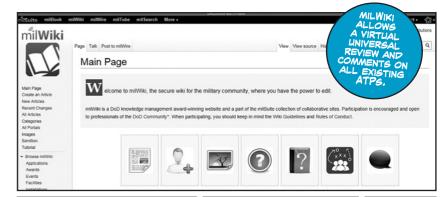
To help ensure that your unit is funded for future missions, be sure you submit timely, accurate maintenance data.

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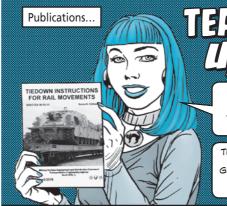
ANYONE WITH CHANGE RECOMMENDATIONS CAN HAVE HIS VOICE HEARD IN MILWIKI,

RECOMMENDED CHANGES THAT ARE DEEMED VALID BY THE PROPONENT CAN BE QUICKLY INCORPORATED AS PART OF A SCHEDULED REVISION OR EVEN THROUGH AN UNSCHEDULED CHANGE.

NOTE THAT ALL ATP
MODIFICATIONS POSTED ON
MILWIKI ARE DRAFTS AND
MOT CONSIDERED OFFICIAL
POCTRINE UNTIL THEY ARE
VALIDATED AND APPROVED
BY THE APPROPRIATE
PROPONENT, AND ALSO
ALIGHTED BY THE ARMY
PUBLISHING DIRECTORATE.

PO YOUR
PART TO
KEEP ARMY
POCTRINE
UPDATED
AND
RELEVANT
FOR THOSE
IN THE FIELD
TODAY!

ACCESS MILWIKI PIRECTLY (YOU'LL NEEP A CAC) AT: https://www.milsuite.mil/wiki/Portal:Army\_Doctrine TAKE THE MILWIKI TUTORIAL TO GET YOUR FEET WET: https://www.milsuite.mil/wiki/milWiki;Tutorial



TEA MI 55-19 *Updated* 

hard copy version will be available later in 2015.

THE MILITARY SURFACE DEPLOYMENT AND DISTRIBUTION COMMAND TRANSPORTATION ENGINEERING AGENCY (SDDCTEA) UPDATED TEA MI 55-19, TIEDOWN INSTRUCTIONS FOR RAIL MOVEMENTS (APR 15).

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DURIN WAVE 1 DON'T FOR IT ITEMS RECEIVE FOR DE

YOU'RE WRONG, BUDDY!

DURING GCSS-ARMY
WAVE 1 FIELDING, YOU
DON'T HAVE TO WAIT
FOR REPLACEMENT
ITEMS TO ARRIVE TO
RECEIVE TURN-IN CREDIT
FOR DEFECTIVE ONES.

YEP, YOU SHOULDN'T KEEP PEFECTIVE ITEMS ANYWAY. TO INVENTORY.

HERE'S
WHAT YOU
NEED TO
PO TO GET
CREDIT IN
GCSS-ARMY.
AT THE
BOTTOM OF
YOUR PGZ/
TURN-IN
PAPERWORK,
WRITE
"REMOVE 1W"
IN BOLD
BLACK

LETTERS



THAT'S THE
DEFAULT RETURN
ADVICE CODE FOR
NON-CREDITABLE
MATERIAL.
YOUR NOTE TELLS
THE 56A CLERK
TO REMOVE THAT
DEFAULT 1W CODE
IN THE SYSTEM, SO THAT YOUR

UNIT GETS CREDIT FOR TURNING IN

DEFECTIVE ITEMS.

OH, AND REMEMBER THAT REPLACEMENT ITEMS NOT RECEIVED WITHIN 180 DAYS ARE SUBJECT TO CREDIT REVERSAL, WITH THE EXCEPTION OF BACKORDERED, LONGLEAD TIME REPLACEMENT ITEMS.

KEEP A COPY OF YOUR TURN-IN PAPERWORK!



DISTRIBUTION: To be distributed in accordance with the initial distribution number (IDN) 340312, requirements for the TB 43-PS-Series.

Would You Stake Your Life on the Condition of Your Equipment?

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