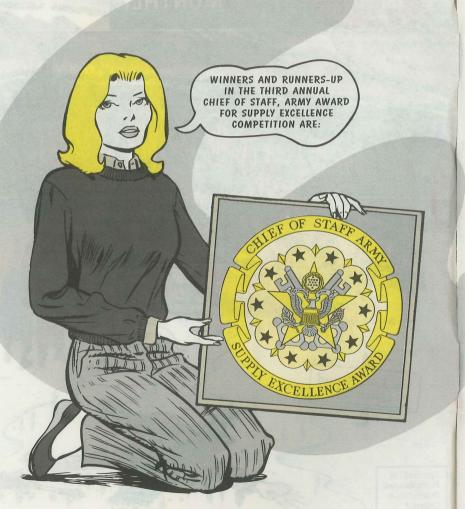


Supply Excellence Awards



* ACTIVE ARMY MTOE UNITS

Company, Battery or Troop

Winner-21st Trans Co, Yong San, Korea (EUSA) Runner-up-56th Aircraft Maint Co, Schofield Barracks, HI (WESTCOM)

Battalion or Squadron

Winner-3d Bn, 325th Inf, Vicenza, Italy (USAREUR) Runner-up-3d MI Bn, Pyong Taek, Korea (INSCOM)

* ACTIVE ARMY TDA ORGANIZATIONS

Company, Battery or Troop

Winner-A Co, Army Spt Cmd, Schofield Barracks, HI (WESTCOM) Runner-up-D Btry (MLRS), 1/78th FA, Ft Sill, OK (TRADOC)

Battalion or Squadron

Winner-Army Field Station, Kunia, HI (INSCOM) Runner-up-Army Medical Dept Activity, Ft Lee, VA (HSC)

* ARMY NATIONAL GUARD UNITS

Company, Battery or Troop

Winner-HHC, 228th Sig Bde, Spartanburg, SC Runner-up-1137th MP Co, Kennett, MO

Battalion or Squadron

Winner-1st BN, 129th FA, Richmond, MO Runner-up-4th Bn, 114th FA, Newton, MS

* ARMY RESERVE MTOE UNITS Company, Battery or Troop

Winner-883d Maint Co, Honolulu, HI (WESTCOM) Runner-up-HHC, 561st Spt Gp, Omaha, NE (5th Army)

Battalion or Squadron

Winner-980th Engr Bn, Wichita Falls, TX (5th Army)

Runner-up-448th Engr Bn (Combat Heavy), Ft Buchanan, PR (2d Army)

GROUND MOBILITY

THE PREVENTIVE MAINTENANCE MONTH! Y

TB 43-PS-432. 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.

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

> MSG Half-Mast The Preventive Maintenance Monthly Lexington, KY 40511-5101

By Order of the Secretary of the Army:

CARL E. VUONO

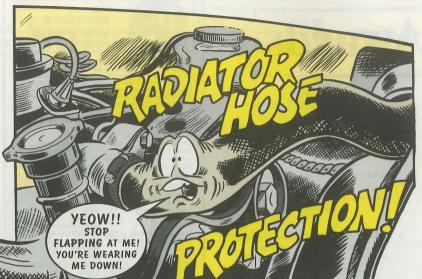
General, United States Army Chief of Staff

R.L. DILWORTH

Brigadier General, United States Army The Adjutant General

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flapping alternator or compressor belt on a CUCV will wear thru an unprotected upper radiator hose quick. And a hose with a hole in it is bad news!

So take a look-see at that upper hose before you leave the motor pool. If you see any sign of rubbing, make sure the belt is not loose.

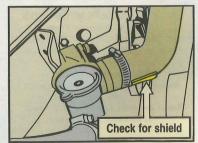
With the engine off, press on the belt midway between the two pulleys. If you can press it more than ½- to ¾-in, report it.

Your mech will check tension with a tensiometer. NSN 6635-01-093-3710. New belts are tightened to 175lb. Used belts—any belt that's been operated on the engine more than 15 minutes—should be 60-100-lbs. He'll check new belts after 15 minutes operation, too, and adjust tension to that of a used belt.

Keep Your Shield Up

Even a properly adjusted belt comes close to the hose. Your truck needs to be protected. If the hose clamp at the thermostat housing has no shield, replace it with clamp, NSN 4730-01-194-2002.

The shield is needed on all models, not just the M1010. This updates the CAUTION on Page 7-11 of TM 9-2320-289-20.



Stop That "Run-Down" Feeling

The front battery on the M1010 ambulance is not hooked into the charging system correctly so it doesn't get charged. When it discharges, you can't get the truck started

> -a bad situation for an ambulance!

But your support can get a free issue modification kit with NSN 2920-01-260-7504 for the charging system that solves the problem.

Ask them to order enough kits to modify your ambulances. Support will need to know each ambulance's vehicle identification number (VIN), date of manufacture, and the mileage to include in the REMARKS block of a DD Form 1348-6. Then they will send the completed form to:

> **USA TACOM** ATTN: AMSTA-FDRA Warren, MI 48397-5000

Authorization for this modification is TACOM Msg AMSTA-MTA 181445Z Dec 87.

Installing the kit is covered by the CUCV's warranty, so support will also fill out a DA Form 2407 so the Army is reimbursed for the labor.

That form is sent to:

USA TACOM ATTN: AMSTA-MSW Warren, MI 48397-5000

DUVAC EXPLAINED

There are scant procedures in your -20 TM for troubleshooting the Dual Voltage Alternator Control (DUVAC) on M1010 ambulances. But the headshed's finally come to the rescue. They sent detailed troubleshooting procedures to the TACOM representative at your local Logistic Assistance Office (LAO).

See them for a copy of the "CUCV Ambulance Charging Circuit Diagnosis" handout. This little dude makes it easier to troubleshoot the electrical system in your M1010.

If your LAO is short of handouts, write:

USA TACOM ATTN: AMSTA-MTA Warren, MI 48397-5000 or MSG Half-Mast.



that's the mess you make when you idle a diesel or multifuel engine too long. These engines "slobber" unburned fuel, oil and moisture from condensation all around the exhaust manifold after about 5 minutes of slow idle.



Some drivers mistake slobber for a Class III oil leak or busted head gasket and deadline their trucks. Wrong! Small bubbles, seepage or a hissing sound MAY mean the gasket is bad, or a cylinder head is loose. But chances are it's only slobber.

Engine slobber is like a fever—it's a symptom, not a disease. It's your engine's way of saying, "Move out!"



or, "Speed up the idle so I can warm up to normal operating temperatures."

The multifuel engines on 2½ and 5-7 ton trucks are just as messy as the diesel-engines. Both slobber like a mad dog during long idles on days with high humidity and low temperatures. They should never be idled for more than 10 minutes.

It's easy to tell the difference between slobber and a serious oil leak. Slobber will go away but an oil leak won't.

Engine slobber will stop when the engine warms up. Increase the idle speed to 1,000 to 1,200 RPM's and watch the TEMP gage until it reaches

normal. Let the engine idle fast for a couple more minutes, and then look at where the exhaust pipe meets the engine exhaust system. The wetness should be dried up. Or, you can take the truck out on the road for a 4- or 5-mile drive and do the same thing.

If the slobber is gone, you don't have a leak. On the other hand, if the engine is running rough, misfiring, or there is oil or coolant running down the engine, you probably have a head gasket leak. Park your truck and call a mechanic.

THINK YOU'VE GOT
A FUEL LEAK?
IT MAY BE
ENGINE
SLOBBER!

BURP!!
OH!
PARDON

(a) >

M939/M939A1-Series Trucks...

Heater Blower Motor NSN

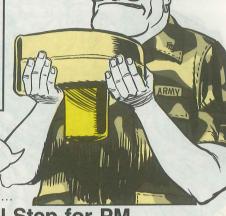
Dear Half-Mast, TM 9-2320-272-20P does not give an NSN for the blower motor. Do I have to order the whole heater assembly to get the blower motor?

NO, YOU CAN GET

SGT J.A.R.

THE BLOWER MOTOR WITH NSN 6105-00-512-9225.

21/2- & M39-, M809-series 5-Ton Trucks...



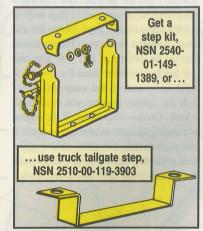
One Small Step for PM



Climbing on your truck's front bumper to do PM checks on your engine can get you hurt.

Take one step at a time by using a bumper step. NSN 2540-01-149-1389 gets a step kit with installation instructions. Or use truck tailgate step, NSN 2510-00-119-3903. It'll save you \$27.59.

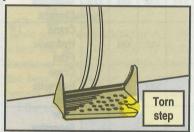
Paint the step and the top of the bumper with skidproof paint, NSN 5610-00-141-7838. If your truck has been painted with CARC, apply a layer of matching CARC over the skidproof paint.

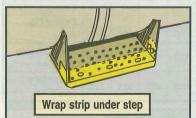


NOV 88



You can get your DSU to replace the step, which will take 2 to 3 weeks... or you can repair and reinforce the step yourself.





7 nuts, NSN 5310-00-880-7744.

Here's What You Need:

inches wide, 1/4 inch thick.

long, NSN 5306-00-226-4825.

1 steel strip, 181/2 inches long, 11/2

7 bolts, 5/16-in diameter, 3/4 inch

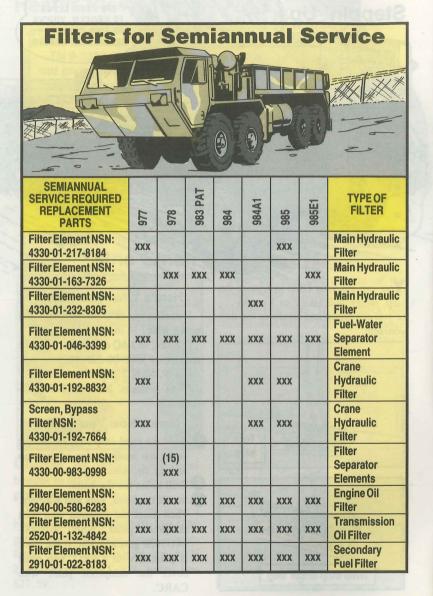
7 lock washers, NSN 5310-00-167-0721.

Here's How You Do It:

- 1 Bend the steel strip so it fits across under the leading edge of the step and up the sides.
- 2 Drill holes for the bolts.
- 3 Install the bolts, nuts and washers. Then paint the repaired step with skidproof paint. NSN 5610-00-141-7838 gets a gallon. If the truck is painted with CARC, you must cover the skidproof paint with CARC.

NOV 88

7

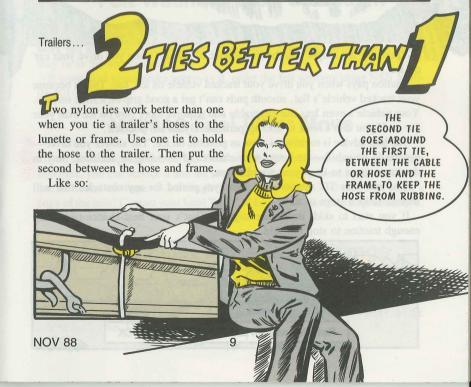


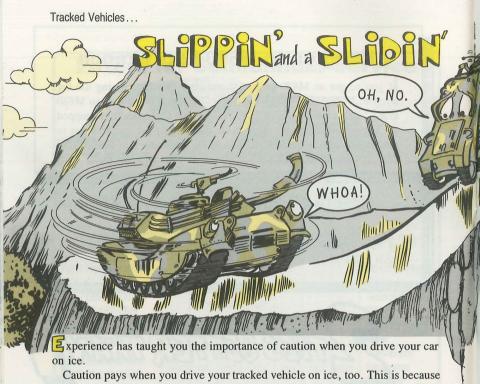
Hang on to M880 Lug Wrench

If you've got an M880-series 11/4-ton truck and it's missing the lug wrench, NSN 5120-00-293-1404, it's OK to pull one out of an M880 that's being turned in. The Tank-Automotive Command has dropped the lug wrench from the Basic Issue Items (BII) list and added it to the Additional Authorization List (AAL) in Appendix B of TM 9-2320-266-10. That means that wrench no longer goes with the truck.

M939 Stoplight Switch NSN

The NSN and part number are wrong for the stoplight switch shown as Item 9 of Fig 56 in TM 9-2320-272-20P. The right numbers are NSN 5930-00-789-6192 and PN 11602160.





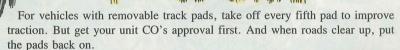
Caution pays when you drive your tracked vehicle on ice, too. This is because your tracked vehicle's flat, smooth pads can't get a good grip on a slick surface. Your vehicle's even less maneuverable and requires more care on ice than your car...if you don't want to end up permanently on ice yourself.

The best advice is to drive as slow as possible on ice. The slower you drive—especially downhill—the better your chances of avoiding an accident. Stay in the lower gears to keep your speed down.

You and your TC should keep your eyes peeled for any obstacles that will require sudden stops or turns.

If you start to skid, accelerate slightly. That's your best chance of getting enough traction to stop the skid.





I SHOULD HAVE SLOWED DOWN.

Make sure the steering and braking controls are working right before you leave the motor pool. If your vehicle has trouble stopping or turning, tell your mechanic. With controls that are out-of-adjustment, a normal stopping or turning reaction turns into a disastrous overreaction on ice.

Battery Maintenance...

Felt Washers Stop Corrosion

Those felt washers you find under the cable clamps on your car's battery will work just as well on Army batteries at preventing corrosion. What's even better, they're in the supply system.

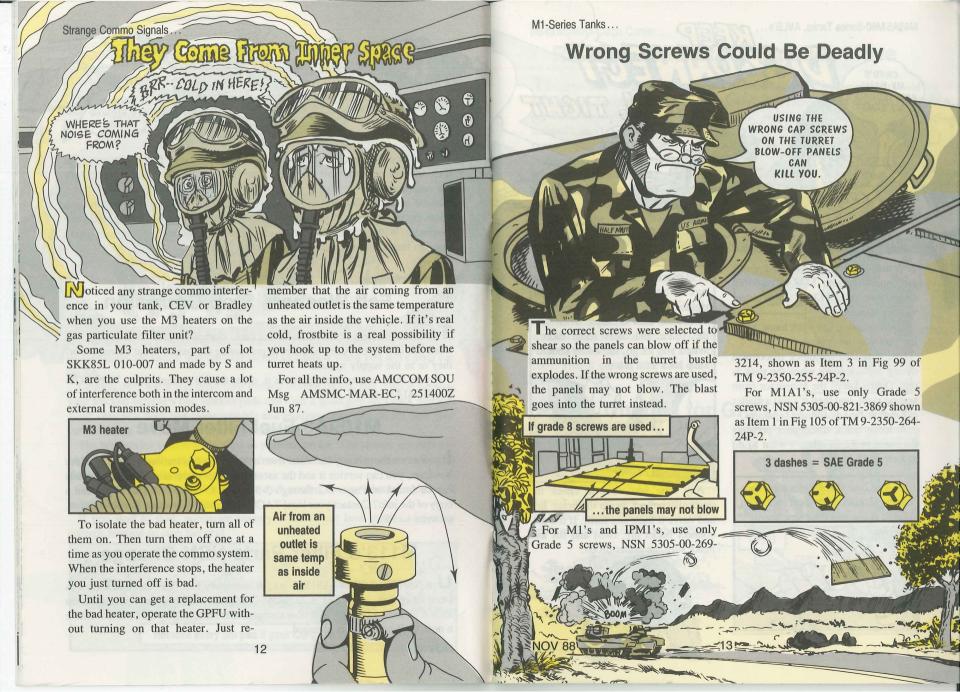
If your local commander approves it, order the felt washers using NSN 5970-01-101-4147.

M109A3 Fuel Filter Move

If you move the primary fuel filter from near the driver's station to the front of the howitzer, you can service it and the secondary filter at the same location. Details can be found on Pages 3-2 through 3-9 of TB 43-0001-39-3 (Jul 87). Need a copy of the info? Contact your local TACOM Logistic Assistance Representative, or write to PS.

M113's Filter Parts NSN Change

Use NSN 2910-00-287-1912 to get the secondary fuel filter element shown as Item 10 of Fig 34 in TM 9-2350-261-20P. Also, the hydraulic line tube tee shown as Item 12 in Fig 279 now comes under NSN 4730-00-618-5381. Make a note until your TM is changed.





dirty or loose brake line quick disconnect on your M48A5 or M60-series tank or AVLB is an accident waiting to happen.

The disconnect can work loose, leaving you with no brakes.

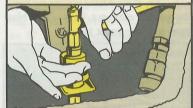
Dirt gets into the quick disconnect during hull cleaning when the pack is out. Debris keeps the connector from seating right, and then it's just a matter of time until the disconnect separates.

A loose quick disconnect presents the same problem. Here's what to do to keep your brakes:

• Any time the pack is removed, cover the quick disconnect ends with plastic wrap and then tape them.



• Once the pack is replaced, make sure the quick disconnect is installed right. Push it on and twist the collar clockwise until it stops. Then lift the collar and twist some more. When you let go, the collar should snap back into place.



Any time you want to check the quick disconnect, grasp the brake line and move it back and forth. If the disconnect backs off, twist and lift and make sure the collar drops.



M548/M548A1 Cargo Carrier . . .

Reverse Bracket for Dipstick Move

The filler neck for the M548's transfer gearcase dipstick is so close to the personnel heater fuel pump you get scraped knuckles when you service the pump.

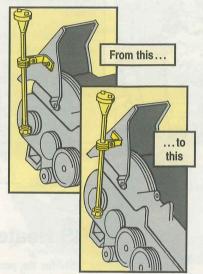
You can move the filler neck out of the way by simply reversing the support bracket that mounts the filler neck to the engine oil filter bracket.

Remove the loop clamp and its hardware from the filler neck. Toss the self-locking nut.

Remove the angle bracket and its hardware from the oil filter bracket. Toss the nut.

Rotate the angle bracket 180 degrees from its original position and put it in with the same hardware and a new nut, NSN 5310-00-088-1251 (gets a box of 100). That'll get the filler tube out of the way.

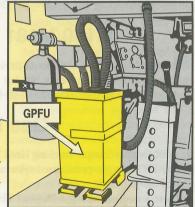
Reinstall the loop clamp with the old washer and screw and a new nut, NSN 5310-00-877-5797.

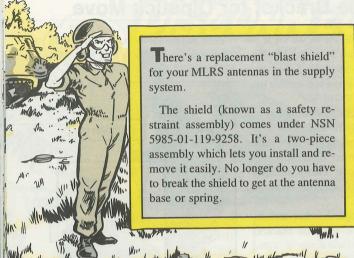


PMCS Change for GPFU in M113 FOV

If your M113-series carrier does not have a gas particulate filter unit installed, then pay no attention to PMCS Item 51 in TM 9-2350-261-10—it doesn't apply to you. A TM change will make it clear that readiness criteria apply only to vehicles with the GPFU.









MLRS Heater Glow Plug

You won't find the NSN for the personnel heater glow plug in MLRS TM 9-1450-646-24P. You will find the glow plug, NSN 2540-12-167-3599, and other repair parts and maintenance information for the MLRS and most other personnel heaters in TM 9-2540-205-24&P.

M180/M181 NSN Wrong

M_{180/M181} gun training mount device TM 9-6920-441-12&P (Jun 82) gives the wrong NSN for the mount bracket lock washer shown as Item 8 in Fig C-1 and Item 2 in Fig C-3. NSN 5310-00-004-5033 is correct.

Gas Is OK

t's OK for your Stinger Tracking Head Trainer (THT) to exhaust a little gas.

The THT is a gas-pressurized system. When it's activated, gas comes out the top of the gripstock.

There's nothing wrong with your THT.

NOV 88

M2/M3-Series Bradley . . .

PARTS SWAPPING CAUTION

SURE M2, I'LL

GIVE YOU ONE



ow that there are three different versions of the M2/M3 Bradley, be sure that replacement parts are used only on those vehicles for which they were designed.

Swapping turret distribution boxes (TDB), electronic control assemblies (ECA), gun drive assemblies (GDA) or interconnecting cables among the M2/M3, M2A1(-)/M3A1(-) and M2A1/M3A1 can play dangerous tricks on on-board systems.

The most dangerous is that the 25-MM gun barrel won't pop up 17 degrees like it should to avoid hitting hatches

or the hull deck. If a crewman were in an open hatch when the turret were rotated, he could be hurt bad.

HEY. SWAPPING

PARTS IS

DANGEROUS!

Any time you remove or replace a TDB, an ECA, a GDA or an interconnecting cable, make sure it is the correct part for your vehicle.

The information you need (PN's, NSN's and vehicle usable-on codes) is correct in TM 9-2350-252-24P-2. Follow the instructions to the letter.

For more information, see AMCCOM Safety-of-Use Msg AMSMC-MA 181800Z Apr 88.

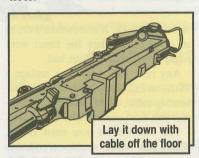
M240/M240C Machine Gun...

CHARGING AND

Pull steady and straight back to charge your M240. If you yank the charger cable back, you could yank it off. If you pull the cable at an angle, it rubs on the cable guide and frays.



Protect the charger cable spring from catching on the gunner's control handles or sight control knobs. Pass your M240 into the turret barrel first, so you won't have to maneuver it as much to mount it. Take it out of the turret receiver first. During transport, lay it down with the charger cable off the floor.



Before you go to the field, eyeball the charger cable for fraying. Check the spring, too, for signs of stretching or breaking. Your armorer can replace both.

Barrel Lock

If you don't get the barrel locked tight, it can fly downrange during firing.

Slide the barrel all the way in the receiver with the barrel release straight up. Push the barrel release to the right until it locks. If it takes fewer than 2 or more than 7 clicks, something's wrong. Get your armorer to check it



Never swap barrels between M240's. The two barrels that come with your gun are headspaced especially for it. A mismatched barrel could cause ruptured cartridges, or bolt, barrel and receiver damage—and injury to you.



OTTIER TUPS

Trigger Help



Tighten the trigger and frame assembly nuts before and after firing. Use the adjustable wrench that's part of your M1, M60 or Bradley's BII. Firing vibration loosens the nuts and wears out their washers. If the nuts work



loose, the trigger and frame assembly can come apart during firing. If a nut won't stay tight, have your armorer replace it with the new bolt, NSN 5306-01-192-0677, and self-locking nut, NSN 5310-00-956-4549. They're being added to TM 9-1005-313-23P.



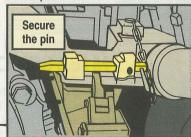
Down and Secure

Before you lower the M1 cannon, make sure the M240's cover is down. If it's left up, the turret ceiling will crush it.

HEY WATCH MY



Also make sure the M240's quick release pins are fully inserted in the mount holes before moving the cannon. A loose pin can snag on the gunner's auxiliary sight and break the sight or the pin.

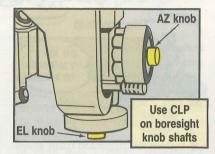




18

CLP on Knobs

Whenever you remove the M240, lube the mount's AZ and EL boresight knob shafts with a few drops of CLP. That keeps the knobs from freezing up and ruining the mount.





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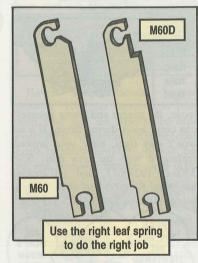
M60 Machine Gun...

There Is a Difference

The M60 and M60D machine gun leaf springs may do the same job, but they're not interchangeable. If you use an M60 leaf spring on an M60D, you lose a large chunk of gun...and maybe put an aircraft down.

The M60D leaf spring, NSN 5360-00-909-3021, has a smaller notch that won't fit on an M60.

The M60 spring, NSN 5360-00-975-8595, fits both models. But then it works loose on the M60D and parts of the gun fly off...maybe into the rotor blades.



M16 Rifle Cleaning Kit

If you need a cleaning kit for your M16-series rifle, you'll need to order the kit's parts and supplies individually. There no longer is an NSN for the entire kit. The NSN's you'll need are part of the AAL and expendable supplies in TM 9-1005-249-10 and TM 9-1005-319-10.



It's been a long, hot day in the field. All you have to do before you head home is clean your M16. Then it's time for a hot shower and a cold drink.

But you can't budge the blasted takedown and pivot pins to take your rifle apart. Frustration builds.

So, you hammer on the pins.

Result: Broken pin or cracked lower receiver. And you have to explain why you damaged your M16. It's going to be a while before you get that shower and drink.

Stay out of that picture by disassembling your rifle like this:

Use hand pressure and a dummy round—or other blunt object—to push out the takedown and pivot pins. Quit pushing when the pin clears the upper receiver. That way you won't break off the pin's detent or damage the lower receiver.

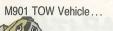
If hand pressure won't budge a pin, stop pushing. Something's wrong! Tell your armorer.

Help the pins move in and out smoothly by keeping them clean and lubed.



A DUMMY

ROUND



FEITING THE

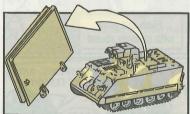
9-0-1 BLUES FROM MY AN HEAD TO MY SHOES.

Keep your M901 humming along happily instead of singing the blues in the shop with these tips.

Eyeball the load bumpers for signs of rot and wear. Heat, humidity, paint, or cleaning solvents cause the bumpers to rot, plus the weight of the loader wears them down. If the load bumpers are shot, so is TOW accuracy. Report bad bumpers.



The seal on the cargo hatch can go bad quickly. That means dangerous fumes from fired missiles seep into the crew compartment. Report bad seals.



Open the hatch and look at the seal for cuts, tears, and spots where it's pulled loose

Make sure the hatch closes tightly, too. Test it by closing the hatch on a piece of paper. If the hatch can't hold the paper in place, your repairman needs to adjust its latches.

Periscope Scoop

If you've traveled through rough country, feel the M19A1 periscope's locking thumbscrew for tightness before you open the driver's hatch. Vibration will loosen the thumbscrew and let the periscope fall off.



Ramp Cable

Eyeball the ramp's cable for slack, kinking, or fraying before you release the ramp lock. There should be no slack, kinks, or broken wire strands. If the cable's not connected or it



901 BLUES

breaks, the 400-lb ramp falls down hard. That breaks the rear periscope and crushes anyone standing behind the ramp.

Launcher Movement

Watch the loader for jerky movement when you're lowering the launcher from ERECT to STOW. The launcher should move smoothly with no sudden drops of more than ½ inch. If the launcher drops, report it. Operating with slack chains can bust the chains and the launcher's gears.



Battery Power

When you're operating the launcher in the field without the engine running, keep an eye on the BATTERY GENERATOR indicator. If its needle dips into the yellow zone, start the engine, let it warm up 3 to 5 minutes, then run it at high idle—1,000–1,200 RPM—until the needle goes back to the green zone. This usually takes 20–30 minutes.





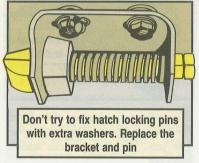
Hydraulic Fluid

Eyeball the hydraulic fluid level every day. M901 hydraulic lines tend to leak. If you add fluid every few days, report it. You have a serious leak.

For Repairmen Only

When you replace the floor boards, tighten the turret guard bolts snug only. If you use too much muscle, it's impossible to get the bolts out.

Forget about making the cargo hatch locking pin fit by adding lots of washers. If you have to add more than



four washers, the hatch probably won't seal tight. Replace the locking pin, NSN 2540-00-040-1120, and bracket, NSN 2510-00-084-2989, to insure a good seal.



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When you put on or take off the barrel, first press down on the barrel retaining spring...then turn the barrel collar. That way you don't chew up the notches on the barrel and receiver.

Keep an eye on the sear pin. It tends to work out. If it does, the trigger won't work.

Eyeball the welds on the rear of the receiver, on the magazine well, and on the gun stock extension for cracks. If you see any cracked welds, tell your armorer.

When you extend the stock, do it with a steady pull. If you showboat it by jerking the extension back or flinging the receiver forward while holding the extension, you bend the extension or break its supports. That means a hard pull next time you try to extend it.





M128 Ground Vehicle Mine Dispenser...



Use the fitted cover, NSN 1095-01-166-0206, to protect your M128 ground vehicle mine dispenser (GEMSS) when it's parked. The cover's all the protection the system needs.

If you leave the cover on when you move or operate your GEMSS, you'll tear the cover. Then it can't do its job ... protecting the GEMSS.

NOW YOU CAN COVER ME.

NOV 88

sear pin is in

and secure



This is a selected list of recent pubs of interest to organizational maintenance personnel. This list was made from a computer printout provided by the Adjutant General.

TM 5-6115-629-14&P Jun AN/ AMJQ-12A power plant (60-KW generator sets)

TM 5-6115-632-14&P Jun PU-753-M power unit (10-KW generator set) TM 9-2350-264-24-1 Jun M1A1 tank hull schematics

TM 11-6130-458-24P May PP-6224B/U power supply
TM 55-1915-200-24&P-1 Jun Lo-

gistics support vessel (LSV)
TM 55-1915-200-24&P-2 Jun Logistics support vessel (LSV)

TB 55-1520-237-20-98 Jul Initiation of APU maximum allowable operating time in terms of operating hours and starts

TB 55-1520-237-20-99 Jul Overhaul life for the transmission oil

TB 55-1520-238-20-38 Jul Inspection for slipping main rotor head droop stop ring liner and lower seal retainer ring

TB 55-1520-240-50-1 Jul Combining transmission oil cooler fan

TB 55-1520-244-20-21 Jul K747 main rotor blade drag strut serial number check

SB 740-98-1 Sep Storage serviceability standard: tracked vehicles, wheeled vehicles, and component parts (48X microfiche)

LO 9-1440-600-14 Feb 86 Patriot launching station

CTA 8-100 Oct Army medical department expendable/durable items CTA 50-900 Oct Clothing and individual equipment

CTA 50-970 Oct Expendable/durable items (except: medical, class V, repair parts and heraldic items)

Maintenance & Safety-Of-Use Messages

AMCCOM SOU-MSG-11-88— Advisory, Operational, Follow procedures on Page 2-311 of TM 9-2350-264-10-2 before firing the 120MM cannon, AMSMC-MA 171300Z Aug 88.

AMCCOM SOU-MSG-10-88— Advisory, Operational, Inspection and cleaning procedures for M190 w/subcaliber 35MM rocket launcher and M73 practice rocket, NSN's 1340-00-143-6911 and 1340-00-360-5050, AMSMC-MA 182130Z Aug 88.

AMCCOM SOU-MSG—Advisory, Screw failures on the M109 self-propelled howitzer's equilibrator elevation cylinder, AMSMC-MA 201805Z Jul 88.

AMCCOM SOU-MSG—Accidental firing of 60MM and 81MM Mortar training devices, AMSMC-DSM 262000Z Aug 88.

TACOM SOU-MSG-88-35—Advisory, Operational, Make sure air line shutoff valves are open when connected to a trailer and to check trailer brakes operation, AMSTA-M 111900Z Aug 88.

TACOM SOU-MSG-88-36— Wear seat belt harness when in M151A2, ¼-ton truck, NSN 2320-01-264-4819, with ROPS, AMSTA-M 192130Z Aug 88.

TACOM SOU-MSG-88-31— Corrosion control of M998 HMMWV NATO slave receptacle, AMSTA-M 231630Z Aug 88.

TACOM SOU-MSG—Keep tires removed because of SOU-MSG 88-27 at installation until final disposition instructions are received, AMSTA-FHC 231404Z Aug 88.

TACOM SOU-MSG-88-33— Operational, Update on ban on swimming and fording procedures for M113 family of vehicles (FOV), AMSTA-M 241300Z Aug 88.

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TROSCOM MSG-88-24—Maintenance Advisory, Operational, Phantom voltages measured at the duplex receptacle between the neutral and the ground on the MEP-016A, 3-KW gas engine driven generator set, NSN 6115-00-017-8237, LIN J45699, AMSTR-MES 222200Z Jul 88.

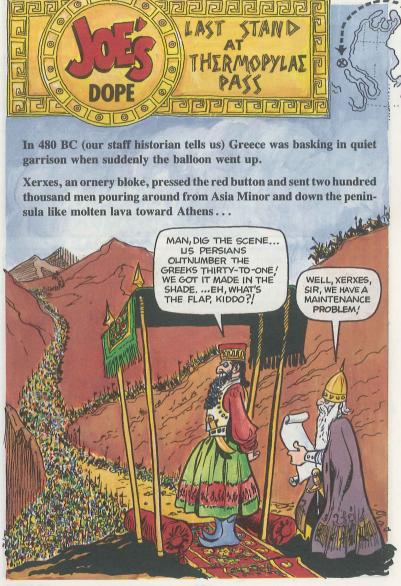
TROSCOM MSG 88-27—Maintenance Advisory, Replace tires on fire fighting truck, 1000 GPM multipurpose, model 2500L, NSN 4210-01-193-3621, LIN's X44735 and X44941, AMSTR-MES 261700Z Jul 88.

TROSCOM MSG 88-26—Maintenance Advisory, Spin-on type oil filter element, NSN 2940-00-832-6054, cannot be used on the 6-HP Mil Std engines used with the 4.2-KW generator set and the 15 CFM compressor, AMSTR-MES 272200Z Jul 88.

TROSCOM MSG 88-29—Maintenance Advisory, Page E-416 of TM 5-4210-231-14&P gives an incorrect description of tires for fire fighting truck, 1200 gallon tank, model CM-KFT-7, NSN 4210-01-159-4823, LIN T67209, AMSTR-MES 112100Z Aug 88.

TROSCOM SOU-MES-18-88— One time inspection, PH test on the chute, pilot, NSN 1670-01-009-3491, P/N 11-1-2503, NSN 1670-01-008-7767, P/N 11-1-2564 and NSN 1670-00-365-2308, P/N 53J7205, AMSTR-MES 031445Z Aug 88.

Your Direct Support or Logistic Assistance Office (LAO) can provide you with more information.





SO??... THEY CAN FIGHT

SURE, BLIT THIS
AIN'T A BARE KNUCKLE
BRAWL.THIS IS MODERN
WARFARE — SWORDS,
ARROWS, SHIELDS,
FLAME THROWIN'
CATAPAULTS!!
THE WORKS.



WE DON'T EVEN KNOW WHAT KINDA MILEAGE CO.E CAN GET ON THOSE CAMELS...FOR INSTANCE, DO THEY GET A THOUSAND MILE CHECK-UP....HAVE THEY BEEN FILIN' ACCURATE **EIR'S** OR WHERE DOES DIRECT SUPPORT STAND ON **MWO'S**, IT'S A "SNAF," SIR,"













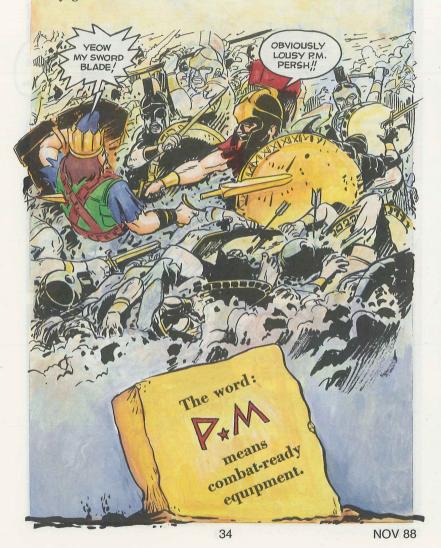
WE HAVE THE WORLD'S BEST EQUIPMENT... Take care of it

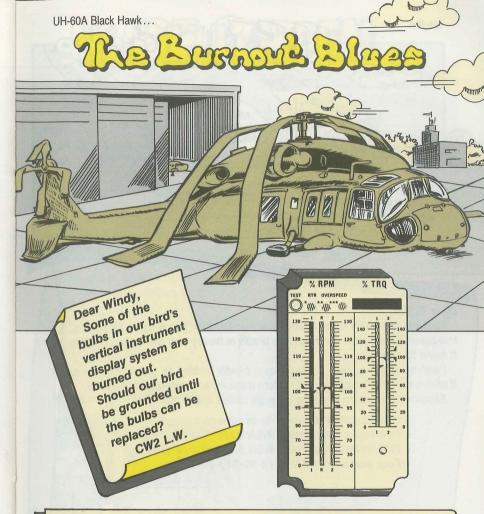


32



Well, the 300 Greeks did it, they held 'em at the pass... by the time they finally got overrun their buddies were ready and kicked the daylights out of the Persians.

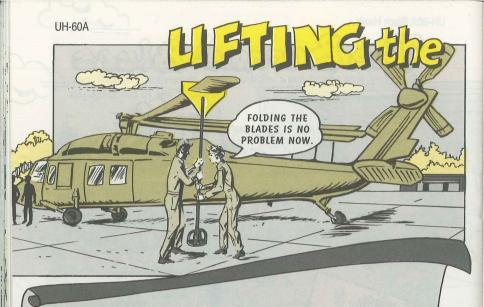




Dear Mr. L.W.,

If two or more adjacent lamps on one scale don't work, or if one lamp between color ranges does not work, your bird is grounded until the lamps are replaced.

The same rule applies to the digital readouts. The word's in troubleshooting chart, Fig 46-2, TM 55-1520-237-23-3. See Task 21 of TM 55-1520-237-23-9 for guidance on replacing display lamp driver modules.



Dear Editor,

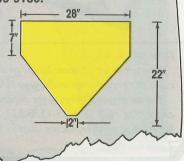
Folding the main rotor blades on our UH-60A's is a pain. The tip of the blade lifting pole swivels. The blade is heavy and the swivel makes it hard to control.

I solved the problem by bolting a blade holder to the lifting pole. It slides around the blade and makes it easier to maneuver the blade.

Support can make the holder with these materials:

- · One 22x28-in piece of 3/4-in plywood,
- · Two self-locking nuts, NSN 5310-00-126-5754,
- Two ½-in shear bolts, NSN 5306-01-014-1732,
- · Four washers, NSN 5318-00-149-9130.

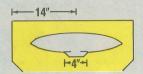
Measure and cut the plywood like this:



NOV 88

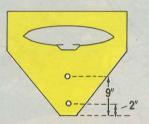
BURDEN

Cut a hole in the wood the shape of the blade.



Put a strip of rubber around the edge of the hole. That keeps wood splinters from damaging the blade.

Drill two ½-in holes in the wood, 2 inches and 9 inches from the bottom of the V.



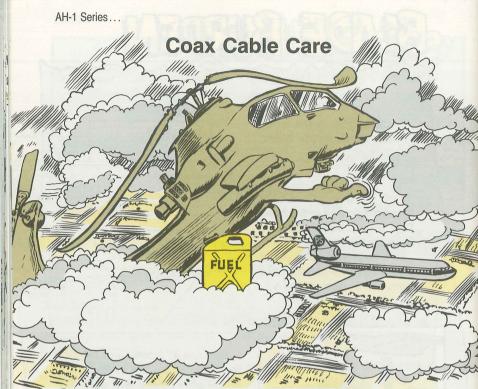
Measure 67 inches and 74 inches up from the bottom of the pole's base and drill a ½-in hole at each location.

Attach the blade holder to the lifting pole. Now the blade won't be a burden.

CW2 Barent Johnson Ft Irwin, CA



(Editor's note: Thanks for the back-saving idea.)



One thing you want to be sure about when you're up in the air is that your fuel gage is 100 percent accurate.

If you run out of fuel 200 feet up, you can't just pull over to the side and wave down another flyer for a lift to the nearest fuel station.

So be extra careful when you're working around the fuel quantity transmitter. Never step on it, bump it, or even touch it unless you have to.

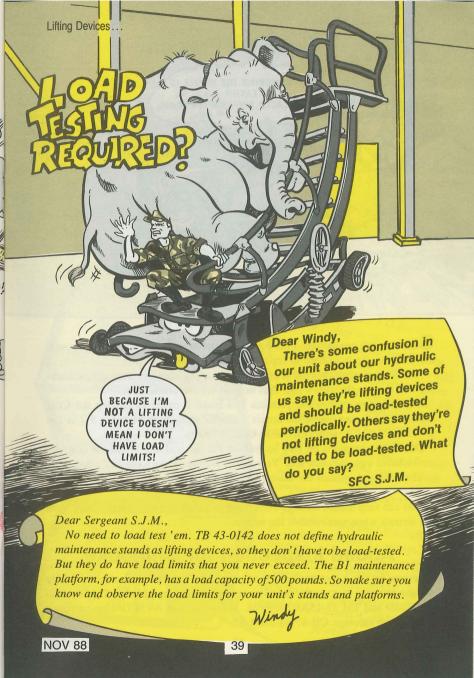
That goes for the coaxial cables from the transmitter to the fuel gage.

If you step on 'em or bend 'em too sharp, you'll flatten the cable and ruin it.

If you find a broken or cracked coax cable, report it. AVIM needs to replace it soonest.

Never try to splice it back together or replace it yourself. A spliced coax cable shorts out easy unless it's done exactly the way it says in TM 55-1500-323-24.







Some aircraft are damaged during closed circuit refueling operations because the CCR nozzle is so hard to separate from the bird's fuel port.

Refueling operators wiggle or pry the nozzle away from the receptacle, scratching and denting the bird's thin skin or popping receptacle rivets.

You can now relieve the pressure and make it easier to remove the CCR nozzle by replacing one of the nozzle's adapter seals, Item 44 of Fig 5-7 in TM 5-4930-234-13&P, with NSN 4930-01-275-7908.

Detailed instructions on how to remove the old seal and install the new one are included with each new seal. You don't need any special tools for the job.

The new seal reduces the disengagement force from an average of 48-lbs to 26-lbs.

You can help reduce damage even more by firmly pulling straight away from the aircraft when you remove the nozzle.

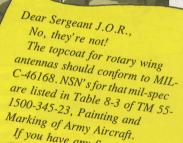
Added Inspection for Chinooks

Be sure to check the retainer nut of your CH-47's sync shaft assembly daily for the presence of its cotter pin. The inspection is being added to TM 55-1520-227-PMD and TM 55-1520-240-PPM. The word is in AVSCOM maintenance information message CH-47-88-MIM-02.

Aircraft Antennas . . .

Use the Right Paint!

Our crew chiefs are painting Dear Windy, their aircraft antennas with a lacquer acrylic low-reflective paint, MIL-L-46159. I think it's reducing the range of the radios. Are they using the right kind of paint? SSG J.O.R.



WINDSOCK

If you have any fixed wing aircraft, finish the leading edges of their antennas and radomes with rain-erosion resistant coating conforming to MIL-C-83231 or MIL-C-83445.

Chap 6, Sec 6 of the TM tells how to apply rain erosion coatings. Illustrations are in Chaps 9 and 10. NSN 8010-00-459-1756 gets a 1-gal kit of the MIL-C-83231 and NSN 8010-01-132-2976 gets a 1-gal kit of the MIL-C-83445.

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NOV 88

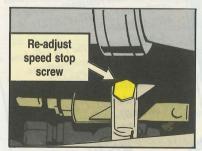
NOV 88

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f your bird's engine fails to reach the allowable temperature limit after initial engine rigging, you shouldn't assume the fuel control's at fault.

You may be able to solve the problem by simply re-adjusting the max speed stop screw like it says in Task 6-14 of TM 55-2840-231-23.



'Course, when you adjust the max speed stop screw, you've got to add 20 percent to the N1 indicator reading to account for the spacer used for N1 adjustments.

If you get an N1 max setting of less than 104 percent, turn the max speed stop screw CLOCKWISE up to one full turn and recheck the setting.

If you get a higher reading but it's still less than 104 percent, adjust the screw again and recheck it.

Keep adjusting the max speed stop screw as long as you get a positive response.

When the N1 max setting reaches 104 percent or higher, don't make any more adjustments.

WARNING! Without maintenance, Making sure it's safe to fly is your responsibility Write to:

Safety Reminders

SEVERAL AVIATION SAFETY POSTERS, FOD DECALS AND A FOD PREVENTION PAMPHLET ARE FREE FOR THE ASKING FROM THE ARMY SAFETY CENTER.



ATTN: CSSC-M Ft Rucker, AL 36362

Or call AUTOVON 558-2062 or commercial 205-255-2062.

US Army Safety Center

Aviation Messages

If your unit has not received a message you have an interest in, check with your next higher headquarters.

combining transmission oil cooler fan. 012307Z Jul 88.

F/W-88-02, SOF, Technical, U-8F and BE65 series, inspection of tracks and components, 062000Z

UH-60-88-06, SOF, Maint Mandatory, overhaul life for the transmission oil cooler blower, 112300Z Jul

AH-64-88-10, SOF, Maint Mandatory, inspection for slipping main rotor head droop stop ring liner and lower seal retainer ring, 112000Z

spection of tail rotor fork bolt, 121423Z Jul 88.

UH-60-88-07, SOF, Maint Mandatory, revisions to SOF UH-60-88-05 concerning operating time/start calculations and forms information. 131914Z Jul 88.

AH-1-88-08, SOF, Maint Mandatory, K747 main rotor blade drag strut serial number check, 132050Z

UH-1-88-04, SOF, Maint Mandatory, inspection for non-conforming machine screws, 141600Z Jul 88.

CAT 1 EIR Phone: **AUTOVON 693-2066** (24 HOURS)

CH-47-88-13. SOF. Technical. OH-6-88-05. SOF. Technical. in- OV-1-88-02. SOF. Maint Mandatory, inspection of de-ice generators, recently overhauled, 192130Z

OV-1-88-03, SOF, Maint Mandatory, life extension of the MK-J5D ejection seat rocket motor, 202100Z

CH-47-88-14, SOF, Technical, inspection of pivoting and swiveling servo cylinders, expanded coverage, 212200Z Jul 88

UH-60-88-08, SOF, Maint Mandatory, revision to overhaul life for the transmission oil cooler blower. 272100Z Jul 88.



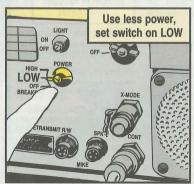
Lere're a few things you operators can do to keep your FM radio from overheating:

Keep it clean. Dirt and dust hold heat.

Hold down transmission time. Only key your receiver-transmitter when you're talking.

Use less power. When you're transmitting within 15 miles, set the power switch to LOW.

You repairmen can help beat the heat, too.



Keep the air flowing. Brush off the heat exchanger vanes and power transistors monthly, like the TM 11-5820-401-20 series says.



Keep the radio set aligned. A misaligned radio heats up. It also allows too much RF output, which will damage the set, as in power amplifier tube burn-out.

Test the radio's output with an AN/ PRM-34 wattmeter. This will show if the radio is transmitting within the forward and reflected power limits.

NOV 88

AN/MRC-127...

Tie Connector to Reel



Tying down the power cable assembly reel on your radio terminal set is not enough. You have to tie down the cable connector, too.

A loose connector is deadly on meters and switches on the power distribution panel.

To keep the connector out of the way, secure it to the reel with a strap, like it shows in Fig 1-3 of TM 11-5895-694-14.

If the strap is broken or missing, tie the connector to the reel with a piece of wire or tape it to the reel with electrical tape.



FIREFINDER...

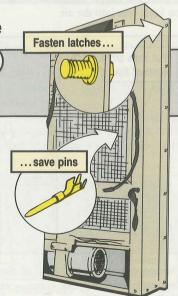
Keep Card Pins Safe



Pins in the back of your AN/TPQ-36 radar set's processor panel get bent or broken when you fail to fasten the screw latches.

When the shelter is moved, the panel door gets wedged behind the circuit cards and the door jams against the pins.

Guard against this damage. Tighten the latches. Then, give the panel a little pull to make sure the latches are holding.

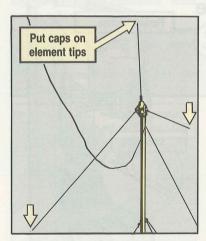


Antennas ...

Cap Danger Points



Those exposed elements on a tall antenna, like a RC-292 or OE-254 antenna gear, are dagger dangerous before you hoist 'em into the air.

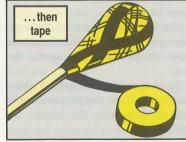


Someone can run into one of the points and pierce an eye or worse—get killed!

So, dull the element tips with caps, NSN 5985-00-930-7223



Keep the caps in place by wrapping 'em with electrical insulation tape, NSN 5970-00-816-6056.



NOV 88

OH MY . . .

LOOK AT
HIM, HE'S
BEEN
STRIPPED
CLEAN OF
THREADS.

IT.

IT.

Bolts will "freeze" on the MT-1029 radio mount after being exposed to rain, humidity and changing temperatures. Then, when you have to take them out, you'll strip the threads or damage the mount.

To keep this from happening, coat the bolts with silicone compound, NSN 6850-00-880-7616, before putting them in the mount.



a 60-Hz meter, and a 400-Hz conver-

ter, NSN 6115-00-659-2786, with a

Both converters have the same NSN

on Page 38 of TM 5-6115-332-24P

(May 86). Make a note of the 60-Hz

PU-618 Generator...

Match Converter to Meter

400-Hz meter.

converter NSN.

Get mech to test converter



When you fail to get the expected reading on your generator's frequency meter, get your mechanic to take a reading on the frequency converter.

The equipment your generator's powering, as well as the generator, will be damaged by a mismatched converter.

So, make sure there's a 60-Hz converter, NSN 6115-00-940-0175, with

Frequency meter

Reading off?

NOV 88

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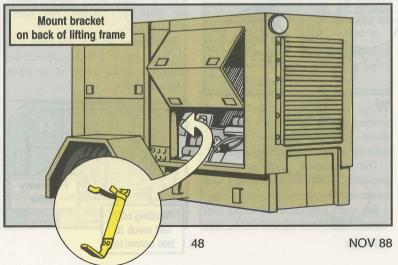
47



on most 15- and 30-KW generators, the M11 decon is mounted on the fender. But the bracket's in the way there and often gets stepped on and broken.

SSG Debra Savattone of the 563rd Ordnance Company in Wiesbaden, Germany, suggests a better spot for the bracket. In her SMART suggestion, she points out that if your generator has an all-electric governing system, you can screw in the bracket where the hydraulic sump tank used to be on the lifting frame. The bracket's holes fit those for the tank.

Up there, the bracket's out of the way of feet, but still easily reached. But get your CO's OK before you move your M11.

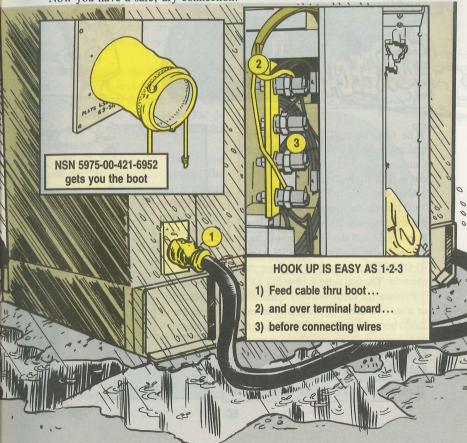


KEEP OPEN END OF CABLE INSIDE!

f you hook up the power cable on your 60-KW generator wrong, water can get in and cause a short. That can damage electronic or other gear being powered by the generator.

The insulation is skinned back about 18 inches on the pigtail end. Make sure this open end is inside the generator housing when you hook up the cable.

Now you have a safe, dry connection.





gets the

element

50

or after 500 hours of operation. Every

2,000 hours, drain and refill the system

and change the element. These changes will show up in LO 10-3930-641-12

and TM 10-3920-641-20.

When you replace an electric motor on your electric motor driven TPU's, you may end up with a motor that runs backward.

NO SMOKING

That's because the electrical leads on some motors are labeled differently, depending on the manufacturer. Then when you follow Fig 4-24 in TM 5-4930-230-13, the motor may rotate the wrong way.

Check the motor rotation before you install the volute on the pump. The motor is wired right when it rotates counterclockwise looking at the impeller end.

If it runs clockwise, shut it off and disconnect the power cable.

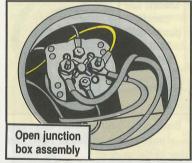
Open the junction box assembly.

Move all the wires going to the No. 1 terminal of the RF filter to the No. 3 terminal, and move the wires—except the wire marked "TH"—already on the No. 3 terminal to the No. 1 terminal.

BACKWARDS RUNNING

MOTOR'S THIS, HEY

Hook up the power, re-check the rotation. If it's turning right, put everything back together.



EMD Tank & Pump Units... Wrong-Way Motor Rotation

NO SHOWING

NOV 88

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Tools...

PORTLOHUCK-KEYS

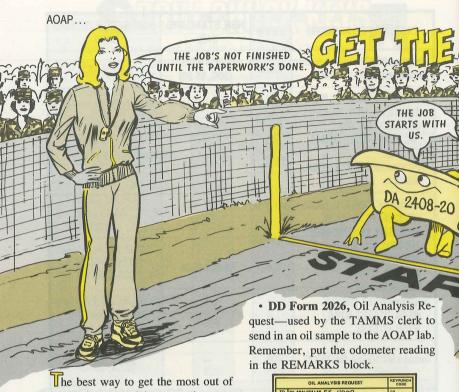
You can't use an electric drill that's missing the chuck key.

Depending on the chuck, you can get either a standard or self-ejecting key.

Look on the chuck for the manufacturer's name and model number. Then check this chart:

Drill C	huc	k Key NS	N's
CHUCK MFGR/NUMBER	KEY#	NSN, STANDARD 3460-	NSN, SELF-EJECTING 3460-
Jacobs 1A, 1B, 1BS, MC1, MC1AD, 1M, 1MB Supreme 1J, 1A, 1T1, S1A, H1A, HM1A	K1	00-264-5577	01-018-4217
Jacobs 2A, 2B, MC5 Supreme 2A, 2B, 2TB, 2T2, H2A	K2		01-018-4218* [GSA,\$4.20]
Jacobs 3, 3A, 3B, 3AE, 3KD, 3PD, 34, 34B, 34KD, 34KP, 6A, 6B, 6AE, 6A-2A, 6A-33, 14N, 55B, 56B, 58B, 75A	К3	00-264-5580	101
Jacobs 633C, 633D Supreme 6T33E	КЗС	_	01-018-4220
Jacobs 16N, 18N, 36, 36B, 36E, 37, 37KD, 37PD, 59B	K4	00-144-2048	-
Jacobs 20N Supreme 26T5	K5	00-144-2049	01-018-4226
Jacobs 7, 7B, 7BA, 7-1A Supreme 4A, 4B, 4C, 4T1, 4T2	К7	00-293-1623	01-018-4221
Jacobs 30, 30A, 30B, 31B, 31BA, 8½N, MC4 Supreme 7A, 7B, 7T1, 7T2, H13A, H13B, B14T33	K30	nwob Lorenting	01-018-4222
Jacobs 11N, 32, 32B, 32BA, 33B, 33BA, 33F, 3326A, 33KD	K32	00-203-6660	_

CHUCK MFGR/NUMBER	KEY#	NSN, STANDARD 3460-	NSN, SELF-EJECTING 3460-
Jacobs 3333C Supreme 5T33C, 15T33C	K32C	01-014-8626* [S9G, \$5.98]	01-018-4224
Jacobs 72G, SM4G61, MC2, H1, H4, U4, MC1, MC51, DC1, DC4, MC1G61, MC1G41, U4G61, U4G41, U4G60 Supreme BM1A, B1A, B80A, BM80A	KG	_	01-018-4227
Jacobs 74K, 76K, 77K, MC33, MC3326, H8, U8, MU8, MC8, SM8, DC8, MC4K61, MC4K01, MC4K41, MC8K64, MC8K33, KC8K61, U8K61, U8K64, U8K33 Supreme B13A, BM13A, B14B, B14T33, B16A, B16B, B16T33	KK	00-552-9438	01-018-4228* [GSA, \$4.19]
Jacobs MC10R64, MC33R33	KR	-	01-018-4229* [GSA, \$5.30]
*These NSN's are not on the THE AUTHO TO ORDER KE APPENDIX A CTA 50-97	RITY EYS IS A OF	Order on a DD	Form 1348-6.
AW	2		



The best way to get the most out of AOAP is to send in correctly completed forms.

Here are the forms you need:

• DA Form 2408-20, Oil Analysis Log—kept at the unit to record AOAP oil samples taken and lab results of those samples.

	CHO			2 SAMPLE	1 000	PONENT
TANK	4			25 HOURS	ENGINE AGT- 150	00
M1					AOGO6	
4486				30 DAYS	0	
		HOURS	LAST DIA	E. REASON	t.	BIGNATURE
BATE	-	COMPONENT	CHANGE	FOR EASPLE	REBUTTS	BOOKTON
AUG 87		120	0	ROUTINE	NORMAL	Sgt. W.g. Sany
3 AUG 87		150	30	ROUTINE	REQ OIL CHG - RESAMPLE	591. W. J. 8am
7 AUG 87		150	0	S SCAL	N PML	Sqt. W.g. Sam
- 1			111			-
	-		00-		- 00	
		-			0400 00	
	4		AF	orm 7	2408-20	~
		4				4
		f/a	20 -			
		1	V	YYV	AL -1-	1
		1		+	1	
A ::: 24			_	-		OIL ANALYSIS L

	OIL ANALYSIS REQUEST	r	CODE
то	OIL ANALYSIS LAS FT. HOOD		1-3
F	MAJOR COMMAND FORSCOM		4
ROM	OFERATING ACTIVITY (Include ZIP Code/AND HQ. CO 1/66 ARMOR, 2 AD (WAD FT. HOOD, TV. 76544 685-398	OI DODAAD	B-10
EQUI	MENT MODELIAPLENGINE AGT-150	200	11-14
EQUI	мент sea. но. A0606		16-20
END I	TEM MODELHULL NO. TANK MI		
END I	TEM SER. NO./EIC 6486		
DATE	EAMPLE TAKEN (Dry. Mo. 17) LOCAL TO	ME SAMPLE	21-24
	SHILES SINCE OVERHAUL 346		29-29
HOU	MINES SINCE OIL CHANGE 67		30-33
	ON FOR SAMPLE LAS	OTHER Caprelly?	34
OIL A	DOED SINCE LAST SAMPLE (Pts, Qts, Gale)	GAL	28-36
ACTI	ON TAKEN		1 -1
DISCI	REFANT ITEM	_	
HOW	MALFUNCTIONED		7
HOW	POUND LAS REQUEST Q AIR OR	GROUND CREW	
	TAKEN SAMPLE TEMPERATURE	TYPE OIL	37-38
	MIN D TUSE M HOT D COLD	0E 30	
	QUARTERLY DUE 4	SEP 87	
		MI 476	1
	FOR LAB USE OF LY	4-4	
EAMP	TE VERSOUS JAMES	w	39-40
7E 4	Talas Talas	7	NI 50-61
PD 6	DD Form 20	026	
LAB	RECOM MON	and	77-78
	PLE HO. SIG ATURE	FILE MAINT	DATA SEQ
SAM	PLE NO. SIGNATURE	70	

If the oil sample is normal, the labwill stamp the 2026 form with the date the sample was processed, "Results—NORMAL" and return it to the unit.

DA 3254-R

DA 2407

THEN YOU'LL HEAR FROM ME.

D 2026

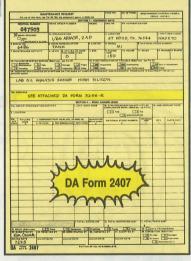
• DA Form 3254-R, Oil Analysis Recommendation and Feedback—top half is used by the lab to report abnormal findings and suggest what work the unit can do to correct the problem.

OIL ANALYSIS RECOMMENDATION AND FEEDBACK For use of this form, see TB 43-9108 and TB 43-9110, the processed agency is DARCOM.	REQUIREMENT CONTROL STREOL CRGLD-1818
1 TO: Fil LO (faclude 21) Code and Telephone Hymber)	3 LAS RECOMMENDATION NUMBER
HQ, CO 1/66 ARMOR, 2AD	87-109 LEND ITEM MODEL
ATTN: MAINTENANCE OFFICER	E END ITEM MODEL
FT HOOD, TX 76544 ,	M 1
FI HOOD, IX 16394 (485-3988)	
	6486
2. FROM: LABORATORY Herber ZIP Codes	
FT HOOD OIL LAB	ENGINE
BLDG # 17082-A1	The second second second second
FT HOOD, TX 76544	A0606
1 1 1000, 11 16511	1 11
OIL ANALYSIS SHOWS HIGH SI	150 HRS
OIL ANALYSIS SHOWS HIGH SI INSPECT AND REPAIR AIR TI CHANGE OIL AND FILTER, AND AFTER ROADTEST.	RE SAMPLE
CHANGE OIL AND FILTER, AND AFTER ROADTEST.	III GAYE ISlan Month Year
CHANGE OIL AND FILTER, AND AFTER ROADTEST.	11 BATE (Sh. Hook) Pept 13 - 8 - 8 7
CHANGE OIL AND FILTER, AND HETER POADTEST.	III GAYE ISlan Month Year
CHANGE OIL AND FILTER, AND AFTER ROADTEST. THE BERTON ASS THE STATEMENT AND CHIEF	11 BATE (Sh. Hook) Pept 13 - 8 - 8 7
CHANGE OIL AND FILTER, MAD AFTER ROADTEST, HE ENGINEET AND LITTLE OF WITCHESE THE COMMENT OF MANY COMMENTS OF THE COMMENTS O	11 BATE (Sh. Hook) Pept 13 - 8 - 8 7
CHANGE OIL AND FILTER, MAD AFTER ROADTEST, IE ENGINEET TULLY THE TOTAL TULLY THE TULLY	17 DATE CHILL MARIN FORM 13 - 8 - 8 7 13 DOS MARINES
CHANGE OIL AND FILTER, MAD AFTER ROADTEST. RECOUNTS AND THE OF MATTER MATTER TO THE OTHER AND THE	13 - 8 - 8 7 11 Solt was four tree 13 - 8 - 8 7
CHANGE OIL AND FILTEE, MAD AFTER ROADTEST. IN EXECUTION AND THIS OF NATIONAL LAB CHIEF WHITE CHANGE OF THE CHANGE OF THE CHIEF OF THE CHANGE	17 (241) (10) (200) (10) 17 (241) (10) (200) (10) 18 (241) (10) (200) (10) 19 (241) (10) (200) (10)
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• DA Form 2407, Maintenance Request—used to request support from a higher level of maintenance for an AOAP maintenance recommendation. Attach the DA Form 3254-R that the lab sent you to the request. Enter "See Attached DA Form 3254-R" in Block 16a (Remarks) of DA Form 2407.

BE ACCURATE, BE COMPLETE AND, IF NEEDED, I'LL FINISH

THE JOB



After the equipment is repaired, complete the bottom half of DA Form 3254-R and send it back to the AOAP lab along with a copy of DA Form 2407. This lets the lab know what repairs you made on the equipment.

Racks?

Need to store unserviceable batteries for turn-in, or store repair parts for future use? You can order pallets 'n' bins 'n' cabinets for free . . . almost.

The AMC Packaging, Storage and Containerization Center (AMCPSCC) at Tobyhanna can furnish these and other storage items to you as they become excess at other installations. All you pay is the shipping costs.

Not only does AMCPSCC issue storage items, but they'll also accept excess storage items for redistribution to other units.

IF YOU
NEED STORAGE
ITEMS, CALL
OR WRITE.

Call AMCPSCC at:
AUTOVON 795-7684
COMM 717-894-7684
Write to

Director
AMCPSCC
ATTN: SDSTO-TP-S
Tobyhanna, PA 18466-5097

They receive all sizes and shapes of bins and racks, so give 'em the dimensions of the item you need and tell 'em how many of each. If they don't have them, they'll try to get them.



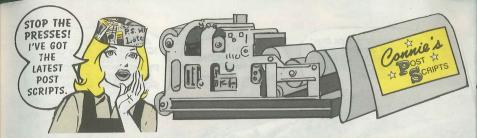
Temporary Rip Repair

TO PROTECT CAMOUFLAGE PATTERN PUT DUCT TAPE INSIDE CLOTHING. GET PERMANENT REPAIRS BACK HOME. REPAIR INFO IS IN CHAPTER 15 OF TM 10-8400-201-23.

A rip in your extreme cold-weather camouflage parka and trousers can put a dead stop to your protection.

You can make a temporary repair to cold-weather clothing while you're in the field by using duct tape, NSN 5640-00-103-2254, or green pressure sensitive tape, NSN 7510-00-266-5016.

NOV 88



MPL Item Challenge

SMART Message No. 81 gives you the right to challenge whether a repair part should be included on your Mandatory Parts List (MPL) in DA Pams 710-2-117 through 710-1-120. When you challenge an item, you need not request the item for six months or until you receive a response, whichever comes first. Submit your challenge on a DA form 2028 with supporting information to:

USAMC

Materiel Readiness Support Activity ATTN: AMXMD-SE

Lexington, KY 40511-5101

They'll evaluate the item and let you know whether to drop or order it.

Now 4-Level Maintenance

The current 3-level maintenance system of organizational, intermediate and depot has been changed back to a 4-level system:

- Unit (operator/crew and organizational)
- Direct support
- General support
- Depot

DA Msg DALO-ZA 021538Z Sep 88 has the word.

Fan Blade Screen Gets NSN

Get the protective fan blade screens for your M109-series howitzer and M992 ammo carrier that were on Page 10 in PS 427 with NSN 2510-01-247-2976. The \$37 it'll cost is a cheap way to keep fingers away from spinning blades during maintenance run-ups.

Vulcan Towing Changed

The procedure for towing a disabled M163A1 Vulcan has been changed. Info's on Page 3-108 in TB 43-0001-36-4 (Jan 88). If you don't have a copy, see your friendly AMCCOM Logistic Assistance Representative.

NSN List for M10A Forklift

Some folks didn't get the word. Change 3 to TM 10-3930-643-14&P for the M10A forklift cross-references part numbers to NSN's.

Crane Lattice Booms

Hold one! If there are ANY bends in the chords (main angles) of your crane's lattice boom, stop using it! Bends in the chords can only be repaired at the depot. No straightening is allowed at any lower maintenance level!

Distribution: To be distributed in accordance with DA Form 12-34C-R, for TB-43-series.

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

