



shed by the Department of the Army for the information of all soldiers assigned to combat and combat support units, and all soldiers with organizational maintenance and supply duties.

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ISSUE No. 327 FEBRUARY 1980

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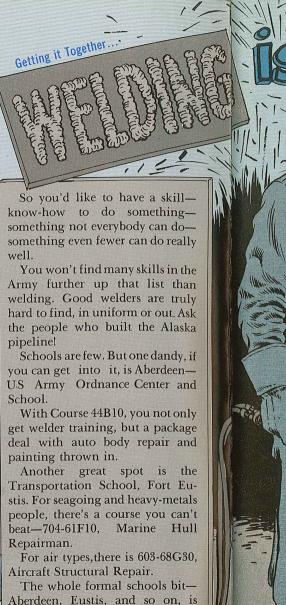
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PS wants your ideas and contributions, and is glad to answer your PS Magazine questions. Name and address are kept in confidence. Just write to:

MSG Half-Mast Lexington, KY

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covered in DA Pamphlet 351-4,

Army Formal Schools Catalog.

FORMAL SCHOOLS ARE ONLY ONE WAY INTO THE WELDING BUSINESS, LOOK AT SOME OTHERS ...

First, there's OJT. You can likely persuade someone in your own outfit who already knows a thing or six about welding to show you the ropes. Unless your unit's situation is unusual, your maintenance sergeant and warrant most likely will welcome the idea of having somebody else around who can hack it with acetylene, inert gas, or electric arc...or all three.

If you get assigned to a big depot like Anniston (that's the word for Heaven, welding-wise) or a field maintenance facility at a big post like Fort Knox-make use of your spare time. Watch what the civilian experts do with welding torches. Ask questions. Get them to give you advice and show you how.

You don't have to hang around the PX or barracks reading "Gent" or "Bosom" of an evening. Many local school systems have night courses in welding. Your education officer may be able to get Uncle to pick up part of the tab.

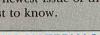


#### THE BOOKS 'N' SUCH

Nothing beats a good book—and "top of the line" in this game is TM 9-237 (Feb 76), Get your clerk to order copies from the St. Louis Pubs Center.

Help can be had thru films, too. Check DA Pamphlet 108-1 for the late word.

For example, there's a training film-TF 9-3973, on Welding with Inert Gas (heliarc, in the lingo). It's listed, along with other goodniks like TG 9-507 on Arc Welding, and several other TG's on torches. Check the newest issue of the pam and be first to know.



#### WELDING MATERIALS

There's a table in Appendix D of that TM 9-237 that's only 21/2 inches short of marvelous. It tells you what stock class you'll find metal-working and welding tools and materials in ... even such items as gloves, goggles and aprons, along with the hardware.

When you get to be a pro, you'll need to look at the microfiche IL-Identification List, that is—for the 3439 Class to get rods, wire, electrodes, brazing alloys, blocks, fluxes and such.

But any way you slice the salami, most of what you get depends on you and your own git-up-and-git. If you're too lazy to look up courses, too lazy to study for yourself, and don't have determination to learn, you wouldn't make a good welder anyway.

Specialists in this day's Army have to be quality types first...energetic, wanting to learn, determined to get the job done.

That's the kind you find in the fourth-echelon shops, in shop offices bossing the operation, and out-on-twenties to nab five-figure salaries.

That's what that recruiting non-com was talking about when he told you the Army would open doors for you to make something of yourself.

But reaching for the doors is strictly up to you.



Lots of things—besides metal—can fiberglass seats and battery covers on be repaired with the fiberglass repair kit. NSN 5410-00-793-2021.

BOY! THIS IS ONE JOB I REALLY GOT STUCK WITH!

Metal & Fiberglass Repair...

This kit's specified for commo shelter repair in para 82 of FM 43-2 (Oct 75), Metal Body Repair And

Related Operations.

Repair kit, electronic equipment shelter MK-680/G

But its use for other repairs is limited only by your imaginationtrial-and-error. It's dandy. f'rinstance, for fixing cracked

your Gama Goat. And for patching holes in your M149 400-gal fiberglass water trailer.

Kit Packs A Load

MAYBE NEXT TIME YOU'LL READ THE FM AND FOLLOW THE INSTRUCTIONS IN THE KIT!

GROUND

MOBILITY

Mighty important! Before tackling a repair job with this kit, soak up all of the info in paras 81-83 in the FM. And stick close to the instructions that come with the kit. It's important to both your health and the outcome of your repair job.

It's bad enough to wind up with a sticky, gloppy mess. You may have a heckuva time cleaning it up to start all

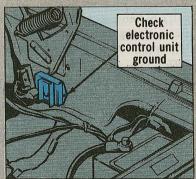




HE LOST HIS HE THINKS HE MARBLES? LOST HIS GROUND. NO LUCK HERE! BUT IF YOU GUYS WILL HELP ME PUSH THIS TRUCK OUT IN TH' FIELD, MEBBE I'LL GET A SPARK THERE

You have an M880-series 11/4-ton truck that won't start. The battery's up coil. No field...no spark. and the engine will turn over. But it won't fire.

Could be the electronic control unit lost its ground. The coil grounds thru the spark plug. Hold the cable about 3/8



grounded, there'll be no field in the

Here're some quick checks to help find the problem:

Pull one of the spark plug cables at the control unit. And if the coil's not inch from a ground. Have your buddy crank the engine. If you get a spark, the control unit is grounded and the ignition system is probably OK.

If you didn't get a spark, you need to check the control unit ground.

Here's a way:

Set your multimeter to 100 VDC (50 VDC on some).

Turn the ignition switch to ON.

Touch the red probe to the battery positive (+) terminal and the black probe to the negative (-) terminal. You should get 12 volts.

Ground Electronic Control Unit

Now hold the red probe to the battery positive terminal and touch the black probe to the control unit shell—not the mounting bolt. (You may have to scrape some paint off the shell to make a good contact.) You should get battery



Can't get it? Remove the control unit. Wire brush the back side of the control unit shell, the fender well and the mounting bolts.

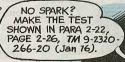
Put back the control unit.

Now try to get battery voltage at the control unit shell. Still can't get it? Replace the control unit.

If you did get battery voltage,

try the spark plug cable test again.

Get a spark? Then the truck should start.







TM-266-Series 14-Ton Truck...

## Correct Air Gap's a Must



The distributor air gap is real important for the electronic ignition on your M880-series 11/4-ton truck.

If the gap's too wide, the truck'll start hard...or won't start.

THANKS, HALF-

THE RESERVE

If it's too close, the teeth on the reluctor can rub the pick-up coil tooth.

This'll break a tooth.

Adjustment screw AIR GAP Set air gap at .008 inch Use brass feeler gage-ISN 5210-01-026-9571

Aline a reluctor tooth with the pick-up coil tooth.

Set the air gap at .008 inch.

See TM 9-2320-266-20 for details.

Use the brass feeler gage, NSN 5210-01-026-9571. This special tool is listed on page 3-1, TM 9-2320-266-20P (Feb 78).

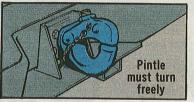
Never use the steel feeler gage from your general mechanic's tool set. The pick-up coil has a permanent magnet. You'll magnetize the blade of your feeler gage and ruin it. And you'll muck up the reluctor and maybe the pick-up coil.

## Tow Pintle Adjustment



How tight should the trailer-towing pintle be on your M880-series 11/4-ton truck? Your -20 TM doesn't tell youand this won't tell you much more.

The pintle should be loose enough to turn freely but tight enough so there's no sloppy end play.

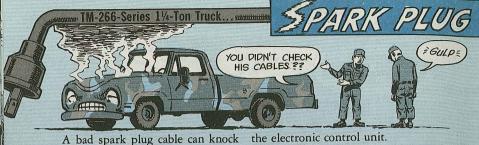


## M880 Seal Sealant



Instructions in TM 9-2320-266-20 (Jan 76), para 2-72c for assembling the tube of sealant. NSN 8040-00-865front axle on the M880 4X4 models 8991 is for an 8-oz tube and you order tell you to apply an RTV silicone it from GSA.

sealant to the seal surfaces. NSN 8040-00-728-3088 will get you a 6-oz



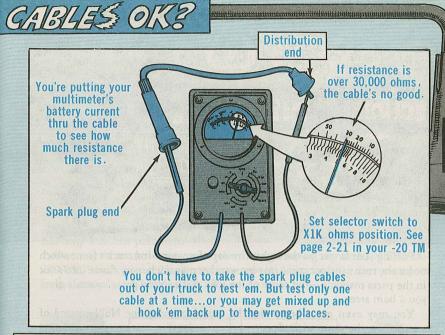
out the electronic control unit.

The electronic ignition system develops around 30,000 volts. If a spark plug wire is broken inside, the voltage will find another way to ground. This is usually either thru the pick-up coil in the distributor or thru

Given enough time, that high voltage will burn out one or the other.

If the engine's missing or running rough, find out what's causing it. Then get it fixed. And be sure to check the spark plug wires like it says in para 2-24, TM 9-2320-266-20 (Jan 76).





## TM-218-Series 1/4-Ton Truck... Brake Shoes Go Bonded



Riveted brake shoes are being booted out. From now on you get only the bonded lining brake shoes.

To convert to bonded shoes, order NSN 2530-01-060-7172. This gets a set of 4 bonded shoes complete with return springs and longer adjusting screws.

If you already have bonded shoes, order NSN 2530-01-061-7326 for 4 shoes. This NSN replaces NSN 2530-01-058-7420 on page 143, TM 9-2320-218-20P (Dec 78).

If you need only the adjusters and return springs for the bonded shoes. order NSN 2530-01-060-7171.



Putting your finger on the right wire rope for your 5-ton truck's front winch or for the rear winch or crane on your wrecker may not be easy. Some info's not in the parts manuals—and some of the info that's in the parts manuals gives you a burn steer.

You may even get a better deal by ordering under one NSN instead of another for the same wire rope.

Location	Wire Rope Diameter	Length Needed	NSN 4010-00-	Unit of Issue And Quantity	Lengths Yielded	Left Over
Front Winch	% in	280 ft	274-6817 272-8843 274-6824	Reel, 600 ft Reel, 1,000 ft By-the-foot	2 3	40 ft 60 ft
Wrecker Rear Winch (M816 & M543)	3% in	350 ft	273-8332 618-7697	Reel, 600 ft Reel, 1,000 ft	1 2	250 ft 300 ft
Wrecker Crane (M816 & M543)	½ in	96 ft	903-4790 274-6831 961-9780	Reel, 500 ft Reel, 3,000 ft By-the-foot	5 31 —	20 ft 24 ft —

If you don't need much wire rope, check with your support before you order a whole reel.



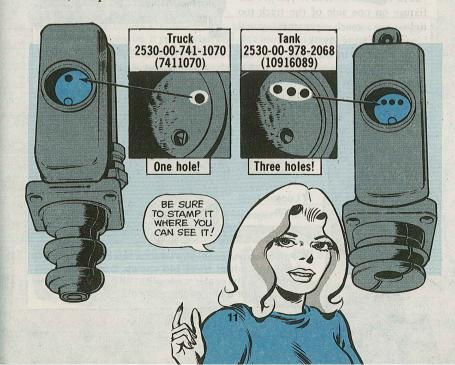


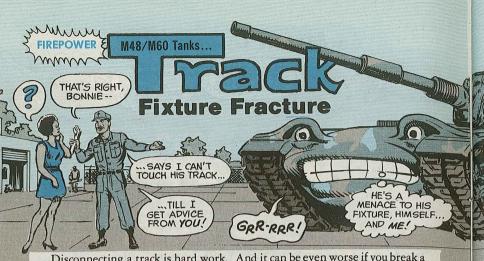
There're a coupla brake master cylinders in the system that look alike—and even fit alike. But they sure don't work alike—so be sure you never use the wrong one.

The right one for your M39 and M809-series 5-ton trucks is NSN 2530-00-741-1070. The look-alike is NSN 2530-00-978-2068, used on M48- and M60-series tanks and the M728 combat engineer vehicles.

The surest way to tell 'em apart is by looking at the return port holes in the bottom of the reservoir. Just unscrew the fill plug and look in. If you see 3 return port holes, the master cylinder is for a tank because the one for the 5-ton truck has only 1 return port hole.

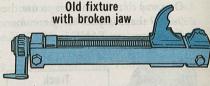
One way to mark them is to use the metal stamping die set NSN 5110-00-289-0007 that's in your No. 2 common tool set. After checking the return port holes, stamp 'em TANK or 5T TRK.





Disconnecting a track is hard work. And it can be even worse if you break a track-connecting fixture in the process.

That's apt to happen with the old fixture, NSN 5120-00-605-3926, if you're not real careful. If you get the fixture on one side of the track too tight—too much pressure—you'll break the fixture jaw.



Go slow. Be in the know. Get out your crew/operator's manual. Brush up on how to disconnect the track. The procedure is real clear on pages 3-32 thru 3-35 in TM 9-2350-257-10 (Jun 78).

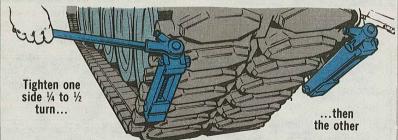


Rut one track fixture on each side of the track. Make sure the jaws are flush against the shoe. Tighten the fixtures until the jaws are firmly clamped on the track pins.

This is how the fixture should be installed

Make sure jaws are flush against shoe

★ Tighten each fixture alternately ¼ to ½ turn until the end connectors and center guide can be removed. If you tighten one side too much you put a lot of stress on the fixture. This'll likely break a jaw.



If you do break a jaw, get a new, stronger fixture with NSN 5120-01-016-2149.

Old style fixture
NSN 5120-00-605-3926

New style fixture
NSN 5120-01-016-2149

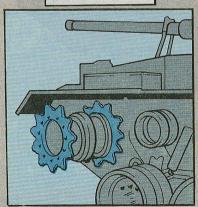
## **Drive Sprocket Mix**



Drive sprockets for the M88/M88A1 recovery vehicles and the M60-series tanks come in 2 sizes. Some are 1% inches thick and some inches thick. are 1% inches.

sprocket wheel NSN 3020-00-293- thickness. 5136.

> Keep your sprockets matched and mated



For the M60 tanks, NSN 3020-00-252-5637 gets the 1 1/8 inch sprocket and 3020-00-318-0229 gets one 1 %

So what difference does it make? You could get either kind for your Your vehicle will work better if you can M88/M88A1 when you order a use sprocket wheels all of the same

> The thick ones wear longer and should be used if you have a choice. However, the thin ones will be issued until the supply is exhausted.

> If you have to go with a mixture of different thicknesses, have both the inboard and the outboard sprocket wheel the same thickness on a given side.

> That is, if you have 2 thick ones and 2 thin ones, you should have the 2 thick ones on one side and the 2 thin ones on the other side, rather than having one of each on each side.

> If you're looking for some thin ones to match and mate, the original equipment spares on most M88/M88A1's are the thin kind.

M60 Tank **Air Cleaner** Doors

either aluminum or steel.

DOOR FOR YA, OL' PAL! The top-loading air cleaner door on

replace a smashed door seal!

Use the magnetic retrieving tool, NSN 5120-00-545-4268, a part of your Common No. 1 and No. 2 shop sets to check for a steel door.

Once you know which door you have, order the seal.

The aluminum door seal is NSN 5330-00-259-0469, while the steel door seal is NSN 5330-01-030-6807. No substituting—they are different sizes.

Adhesive, Type II, MIL-SPEC your M60-series tank is made out of MMM-A-1617, is used on both kinds of door seals, NSN 8040-00-152-0063 It really matters when you have to gets you a 2½-oz can while NSN 8040-00-152-0067 brings you a 6-oz can.

BUT IS IT

TH' SAME

METAL AS

ONE ?



## Tank Oil Strainer NSN

TM 9-2350-258-20P-1 (Nov 77) has a bum NSN for the transmission oil strainer element. Use 2520-01-059-1534 to get an improved oil strainer which does not have a removable screen element. It costs only \$24.15. It'll be replacing the removable element type strainer in all CD 850-6A transmissions used in M48A5/M60-series tanks. Jot down the NSN in your TM's.

# Tankers'

Have problems with the tankers' tow cable NSN 4010-00-202-2425 because it's too long or too short? Ever wish you could have tow cables made the exact length you need? Just order wire rope, NSN 4010-00-542-2391, (11/4-in) and 2 ea clevis assemblies, NSN 4030-00-530-3865. The rope comes in 600-ft reels and the clevis as socket, wire rope. You can make 'em any length you want for special jobs.



clature of FRH hydraulic fluid doesn't mean it won't burn. It's just a little harder to torch off.

FRH has a 180-200 degree higher flash point (400° F) than OHT, but it arcs, open flames, etc.

Any OHT oil you add to the FRH lowers the flash point of the FRH...so never add OHT except in a real emergency.



You 63C track vehicle mechanics uration Matrix" can get some handy pamphlets filled with helpful PM tips:

"Operation clean air PM, Phase II" "Track Inspection, Maintenance shooting Guide" & Tips"

"Troubleshooting the 650-Amp Charging System"

"M48A5/M60-Tank Series Config-

"Troubleshooting Guide for the ADVS 1790-Series Engines"

"Tank Stabilization Trouble-GET THEM BY WRITING TO ...

Commander USATARCOM ATTN: DRCPM-M60-L Warren, MI 48090

M60 Tank Cables in Supply HASN'T HE HEARD THAT YOU CAN ORDER HIM? HE'S WAITING FOR **OS** TO THEM NOW?

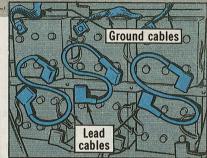
FABRICATE SOME BATTERY CABLES

Remember the last time you needed a ground cable or a battery lead cable for your batteries?

It was a real pain waiting around for your DS to fabricate the cables for you.

You can now order the assembled ground cable with NSN 6140-00-460-5792

You can also get the lead cable with NSN 2590-00-678-4191.



## M60A1 (RISE) Test Set News



Trying to order test set adjustable resistor (PN TD 135305) and test set cable (PN TD 135311)?

Forget it.

have never even been procured.

So turn to page 2-11 and page 3-13 of your TM.9-2350-257-20-2 (Dec 75) and give these items a big X so you'll remember you don't need 'em.

This is because you adjust the These items are not authorized and variable resistors with a multimeter the way it shows in Fig 2-346L on page 2-622P of Change 7 to TM 9-2350-215-20 (Feb 65).

# ow to protect a 17-120

AN' A PSSSST-

STOPPED LAUGHING AT JOE DUMBO, READ ON ...

Joe Dumbo gets his hands on some protective undercoating.

Luhe.

"Great!" he says, and applies it underneath his new vehicles. "Say," he says, "If it does the job there, why not on other parts?"

So he smears it on the hood, under the hood, on the fenders...wherever he can put it.

Obviously, things happen...or don't happen. The coating gums parts. They don't work. It discolors canvas and metal paint. It screws up the vehicle.

WITH A

HERE ...

PSSSSST- PSSST

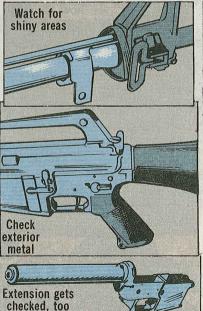
And poor of Joe did it because he thought it'd help protect his vehicles. Sound ridiculous?

Don't knock it. Armorers, who should know better, are doing the same thing with solid film lubricant, NSN 9150-00-142-9309. They're spraying it onto. into and all over small arms...and the weapons suffer for it. The big victim is the M16A1 rifle, mainly because there are so many.

The lube and its use are spelled out in the rifle's TM 9-1005-249-20. Trouble is, some armorers pull out the NSN for the lube...and never read the how-to in Table 2-3.

TM 9-1005-249-20 Table 2-3. Cleaning and Lubrication Instructions 1. Disassemble and wipe dirt from the magazine tube, spring, and follower: Magazine assembly lubricant to the magazine spring Because moisture, will collect in the plastic magazine bag, from condensation, the magazine must be removed, unloaded, and dried every 24 hours to prevent corrosion. 2. After the cartridges and magazine have been dried, apply a light coat of lubricating oil to the 1. Clean the upper receiver of powder fouling with rifle bore cleaning compound (RBC). If the upper receiver is corroded as indicated in figure 2-2, clean as follows Upper receiver group a. Clean corroded area with crocus cloth. b. Wash thoroughly with dry cleaning solvent c. Apply solid film lubricant. If solid film lubricant comes in contact with internal parts of the receiver make certain to wash parts with dry cleaning solvent to remove lubricant d. Allow to dry 12 to 16 hours before usage. Adequate ventilation is recommended.

just a few specific uses. One is for you remove and wash those parts with corroded exterior metal...such as the drycleaning solvent until the lube is upper and lower receiver groups of the removed. M16A1. Its general use is as a temporary finish for weapons which rust and corrosion with a crocus cloth, need refinishing. You apply and wash the area with drycleaning reapply it until depot can put on a solvent...and then apply SFL. It takes permanent finish.



do not coat interior parts of a weapon. routine.

First off, SFL (solid film lube) has If you accidentally spray it on parts,

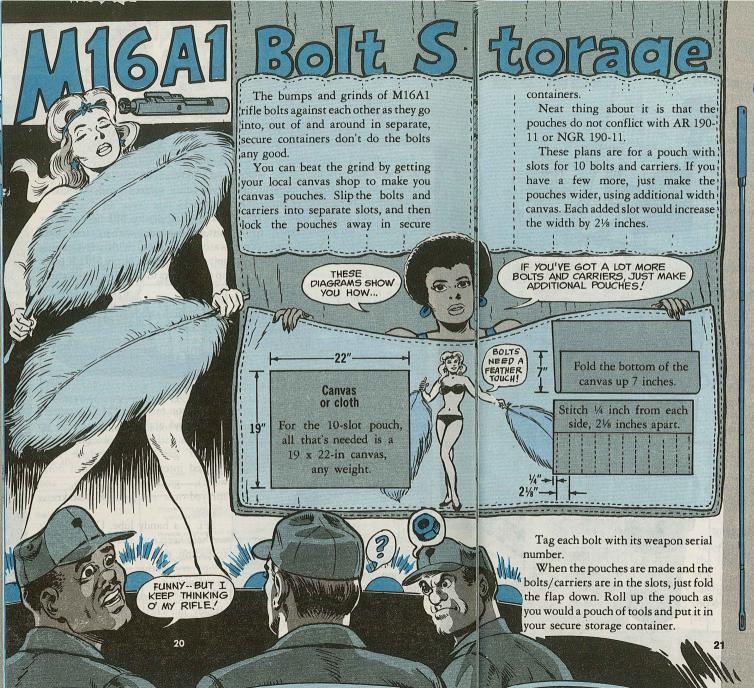
Before applying SFL you remove up to 16 hours to dry, after application.



And, you read the TM. If armorers would read and heed, there'd be no problems with SFL; problems such as sprayed gas pistons (which fail), sprayed internal parts (which don't work), gummed-up stocks, and sprayed-over rust, which just keeps

SFL is a handy lube. Used right it can help keep rust and corrosion from spreading, especially when used as a temporary coating until weapons can be refinished.

So, use it right. If it's not there You do not apply it over rust. You already, put a little TM reading in your

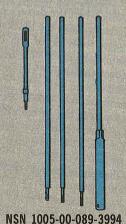


## M16A1 Cleaning Rod

If you need a cleaning rod for your M16A1 rifle and you're using Change 5 (Mar 76) to TM 9-1005-249-20, you've gotta know what you want...the whole rod or just a section.

Fig B-8 in Change 5 brackets the whole rod, but the NSN is for only the section (NSN 1005-00-050-6357). There's no NSN listed for the whole rod. It could get confusing.

If you want the whole rod, use NSN 1005-00-089-3994. The NSN's for the rod, the sections and the swab holder are on pages 39 and 40 of the -20 TM.



gets you this



Decon Screen

Whenever you remove the spray head or clean the container of your head or clean the containing apparatus, M11 decontaminating apparatus, check the screen on the bottom of the check the screen on the bottom of the check the screen on the bottom.

siphon tube.

If it's missing or damaged, replace your M11. The screen filters out rust flakes and other debris which could clog the spray head nozzle.

Screen damaged missing?... Replace your M11

HERE ARE SOME HANDY-DANDY TIPS ON THE MI!!

I WOULDN'T LEAVE HOME BASE WITHOUT IT!

## Painting Your Decon

Next time you paint your M11 decon, do it while it's empty.

That way, you don't have to worry about spills, leaks, etc. which could affect the wet paint.

Of course, you can do minor spot painting when the decon's full.

You can paint the bracket and the complete exterior of the container, including the drain plug head.

You can't paint the spray head assembly.

Be sure to mask the decon's instruction plate. It can't be replaced.
Here's the paint you need:

Primer, NSN 8010-00-936-8372, 1-

pt can. Olive drab enamel, NSN 8010-00-297-0560.

Yellow enamel #33538 (to freshen up the yellow fill line and fill note), NSN 8010-00-844-1306.

# Don't paint the spray head assembly Paint Mask the instruction plate Paint

Rusty But Trusty?

A rusty M11 portable decon can still be a serviceable decon.

No need to hit the panic button. Just clean the decon inside and outside the best you can.

Hold the water if your decon has had DS2 in it. It'll make the rust worse.

Just wipe the container real well. The siphon tube will catch some of the rust particles.

If the rust gets too bad (large flakes) turn your decon in to support. They can clean the containers with abrasive grain or glass beads.

You can help keep rust down if you store the M11 with its head assembly screwed on tight and use the inhibitor powder called for in the TM. You can get 1 pound with NSN 6850-00-368-5233, or 2 ounces, NSN 6850-00-865-2916.

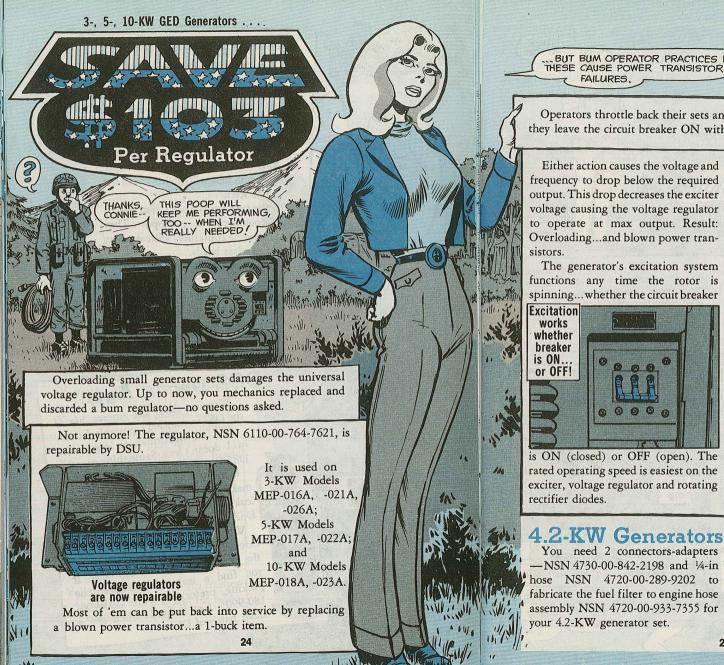
# DS2 Decon Agent

Worried about the storage life of the DS2 in your M11 portable decon?. It'll last indefinitely as long as the M11 doesn't leak. Same thing goes for DS2 in 11/3-qt cans and 5-gal drums.

Give all containers the once-over to make sure they're sound. If you find a leak, get support to dispose of the DS2.

When the M11 is kept full, check it carefully for leaks, especially between the spray head and the container. If you find a leak, it's probably the packing, preformed, NSN 5330-00-180-9903. Get if fixed. Then get a fresh batch of DS2.

23



THESE CAUSE POWER TRANSISTOR FAILURES.

Operators throttle back their sets and let 'em idle at less than rated load, or they leave the circuit breaker ON with load connected during shutdown.

Either action causes the voltage and frequency to drop below the required output. This drop decreases the exciter voltage causing the voltage regulator to operate at max output. Result: Overloading...and blown power transistors.

The generator's excitation system functions any time the rotor is spinning...whether the circuit breaker

Excitation works whether breaker is ON... or OFF!

is ON (closed) or OFF (open). The rated operating speed is easiest on the exciter, voltage regulator and rotating rectifier diodes.

Follow the step-by-step starting and shutdown procedures in Chap 3, TM 5-6115-271-14 (3-KW); TM 5-6115-332-14 (5-KW); and TM 5-6115-275-14 (10-KW). They'll help unload the high cost of replacing universal voltage regulators.

One more note: The universal voltage regulator NSN 6110-00-764-7621 replaces these older models: 6110-00-065-7505, -066-1171, -930-4818 and -930-6878. If your 3-, 5- or 10-KW set has one of these voltage regulators and it fails, replace it with the universal voltage regulator.

And if the universal voltage regulator fails, turn it in to your DSU for repairs.

YOU'LL LIKELY SAVE UNCLE \$103 ... PER REGULATOR!

## 15-KW DOD

Generator Fuse -NSN 4730-00-842-2198 and 1/4-in NSN 5920-00-131-9897 gets the 40-amp fuse needed for the alternator. Add this NSN to page 160 of your TM 5-6115-464-24P (Oct 78).

hose NSN 4720-00-289-9202 to fabricate the fuel filter to engine hose assembly NSN 4720-00-933-7355 for

You need 2 connectors-adapters

your 4.2-KW generator set.



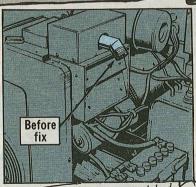
The exhaust muffler on our new 5-KW DED generator sets directs heat down on the batteries.

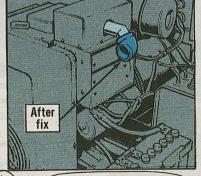
And you know what extra heat on batteries does to your battery PM program! Pretty soon the distilled water is evaporated, the plates partial-

can't be reactivated...battery capacity is reduced...replacement is certain.

We mounted a 11/4-in 90° elbow on the exhaust muffler. Now heat is deflected away from the batteries. CW3 Carl E. Beckwith

Ft. Bragg, NC





1 TO KEEP HEAT AWAY

FROM THE BATTERIES AND 1 TO KEEP IT OFF THE FUEL TANK!

(Ed Note-Good show! The headshed OKs using a 45° elbow, too.

YOU'LL NEED 2 ELBOWS FOR 10-KW GENERATOR SETS.

I'LL TAKE

TH' RIGH

AN' I'LL TAKE GLAD WE EACH GOT A



Compressor operators take note: Pay strict attention to the info on stopping the air compressor in your operator's manual, TM 5-4310-250-15 or 5-4310-345-14.

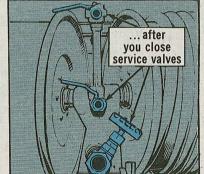
cool down before you stop 'em. So-o-ominutes in a no-load fast idle (1000outlet or service valves.

#### **Take Another 5**

Never start a compressor if there's air in the system. Starting the engine when the compressor is under full airline pressure cracks compressor seals Those diesel engines need time to and vanes...a bad maintenance scene.

Doublecheck the receiver pressure o, "take 5" and run the engine for 5 full gage... after the engine stops... and before you start it. Be double sure RPM) condition after you close the air there's no air pressure in the system.



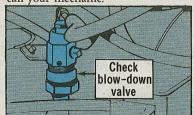


Doublecheck receiver pressure gage



If there's air in the system, check the blow-down valve. It's supposed to automatically release all the air from the system after you close the air outlet valve.

If the blow-down valve is blinko. call your mechanic.



This is a selected list of recent pubs of interest to organizational maintenance personnel. This list is compiled from recent AG Distribution Centers Bulletins. For complete details see DA Pam 310-4, TM's, TB's, etc.; DA Pam 310-6, SC's and SM's and DA Pam (C) 310-9, COMSEC

#### **TECHNICAL MANUALS**

TM 5-4110-217-24P Aug Refrig unit, 10,000-BTU gas engine and electric

TM 5-4110-224-20P Aug Refrig unit, gas engine driven, 9000-BTU, for semitrailer. 7-½ ton TM 5-4120-345-14 Jul Air conditioner,

vertical compact, 9,000-BTU 115-V
TM 5-4120-350-14 Jul Air conditioner. vertical compact, 18,000-BTU

TM 5-4310-276-24P Jul Compressor, air hand truck mtd, gas engine 5-CFM, 175-

CH 5, TM 5-4330-232-12 Sep Filter/sep fuel. 50-GPM TM 5-4520-242-13 Sep Heater, space

multifuel, 15.000-BTU 28-VDC TM 5-5420-210-20P Oct Transporter,

TM 5-6115-590-20P Sep MUST gas turbine engine
TM 9-1015-234-10-HR Aug Howitzer

TM 9-1370-207-10 Jul Pyrotechnic

TM 9-1425-485-24P Aug Essential repair parts list. Lance

TM 9-1425-485-L Aug Lance pubs TM 9-1425-525-L Aug List of pubs Improved HAWK

TM 9-1425-550-L Sep List of pubs Land Combat Support Sys (LCSS) TM 9-1425-655-L Aug AN/TSQ-73 pubs TM 9-1425-1525-12-2 Jun Improved HAWK

TM 9-2350-259-10 Jun TOW vehicle,

TM 9-4940-498-23&P Sep Test set, electron sys XM92 TM 9-6920-484-12 Sep Dragon

TM 11-5820-873-20P Sep Radio TM 11-5965-286-23P Aug MK-1697/G headset-microphone kit

TM 38-600 Sep Admin use motor vehicles TM 43-0103 Sep Nondestructive inspect

Ch 1, 2 TM 55-1520-210-23-1, 2 Jul, Aug UH-1D/H/EH-1H Ch 26, TM 55-1520-220-20 Sep UH-1C/M

Ch 1, TM 55-1520-221-23-1 Oct AH-1G, Ch 5. TM 55-1520-227-23-2 Oct CH-47B, Ch 6. TM 55-1520-234-23-1 Oct AH-1S

Ch 3, TM 55-1520-236-23-2 Oct AH-1S

Ch 3, TM 55-1520-237-23-2 Sep Gen info manual UH-60A Ch 2, TM 55-1520-237-CL Aug UH-60A

TM 55-1520-237-23P-1 Oct UH-60A TM 55-1520-237-23P-2 Oct UH-60A Ch 3. TM 55-1520-237-PMS-1 Aug 10hr/5-day inspect checklist UH-60A Ch 1, TM 55-1520-237-PMS-2 Aug Periodic inspect checklist UH-60A

#### MISCELLANEOUS

CIR 700-18 Dec Prev Measures for Ch 3. TM 9-2300-257-20P Sep M113A1-Improved Army Logistical Support
CIR 710-21 Oct Unit loss/loss recovery

FM 5-62.I Sen Gen construct eant on FM 11-31V/CM Jun Tact commo sys

FM 11-31V3 Jun Tact commo sys on/mech

FM 11-72E3 Aug Telecom ctr op LO 5-3805-274-12 Oct Dump truck body MQ17

LO 5-3895-371-12 Oct Bitum distr body.

LO 5-3895-372-12 Oct Concrete-mobile mixer body M919 SB 725-92-1 Aug Missile Cmd reusable

SB 740-94-9 Aug Storage stds smoke

SB 740-95-200 Aug Storage stds small

SC 5180-91-CL-S04 Sep TE-27A Ch 1, TB 11-2300-372-14 Oct S-250 helter on M561

TB 600-2 Jun Select, train, test, qualify, and license operators of heavy

#### **AUDIO-VISUAL STUFF**

Available at battalion or post Learning Center

TF 3-6121 Chemical agent detector kit, M256 TEC LESSONS 041-061-6041-F Intro to M110/M110A1 howitzer, 121-093-6903-J hydraulic oil cooler-HAWK 121-093-6904-J Replace hatch raising cyl-HAWK

121-093-6905-J Replace handpump assy-HAWK 121-093-6906-J Replace temp 121-093-6908-J Replace leveling jacks (cyl)-HAWK 121-093-6910-J Replace main

control unit-HAWK reservoir thermo switchcabling, presets for cable 202-113-5116-A System lineup of cable repeater-

AN/TRC-145 202-113-5119-A System lineup for cable-to-radio conversion-AN/GRC-103 202-113-5120-A System troubleshoot cable-to-radio

conversion-AN/TRC-145 231-906-4402-A PM of a standard manual Morse intercept position-TT-636/U, R390A/URR 612-051-9655-F Battery

charging system, Part I-612-051-9665-F Hydraulic

test stand-MAB

### Circle That Number!

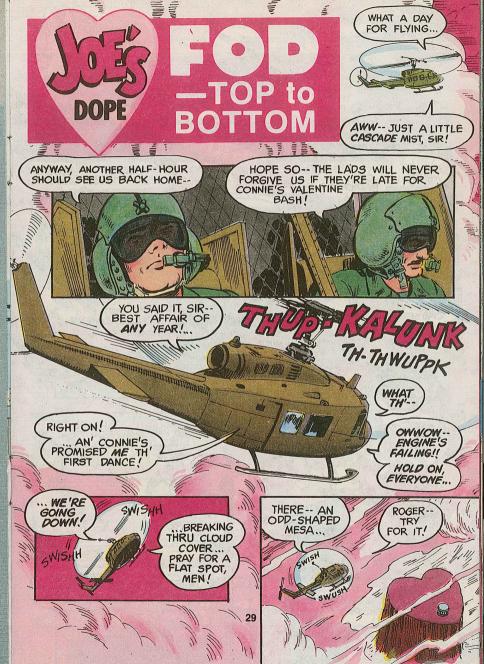
You drivers, operators and crews who find a fault listed in the "not ready" column of your operator's manual PMCS—make a mental note. Always—but always!—circle the sequence number of that fault in column a of your DA Form 2404. We forgot to circle the sequence number in our example on page 57 of PS 324. But vou'll remember-won't vou?

## For Your Commander

Be sure your commander sees 2 new pubs: DA Pamphlet 750-1. Maintenance Guide for Leaders, and DA Circular 700-18. Preventive Measures for Improved Army Logistical Support.

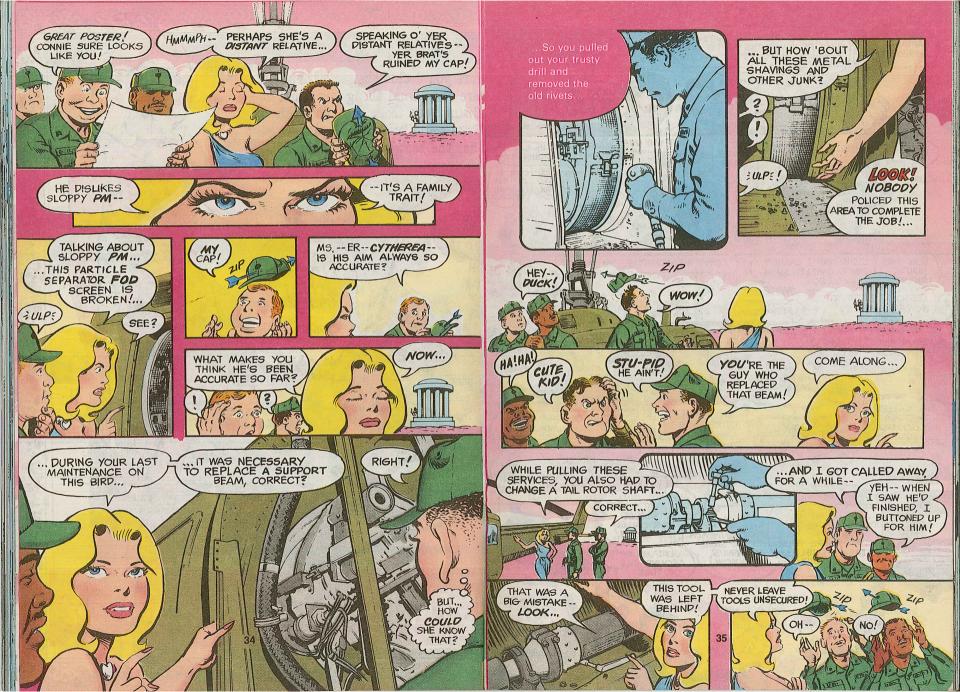
## SB 3-30-2 Still Good

You can still use SB 3-30-2 (Feb 77) to determine the serviceability of your CB protective mask canisters and filter elements. It was left out of DA Pam 310-4 (index) by mistake.











## 6 AIR D

The Worth of ( a Name

Dear Windy,

How and where do we get the stickon nameplates for our 1-pc Nomex flight suits? AR 670-1 says they're authorized.

SSG P.P.

Dear Sergeant P.P.,

The cost of the nameplates comes out of your pocket. The AR authorizes you to wear the patch—nameplate—but does not authorize its purchase with unit funds.

Try to get the patch from a Post Exchange concession. It should be able to imprint the patch with your name, rank, aeronautical designation and US Army for less than \$4.00.



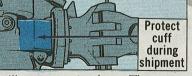
RICK MILLER
CW2 US ARMY

## **Protect Rotor Blades**

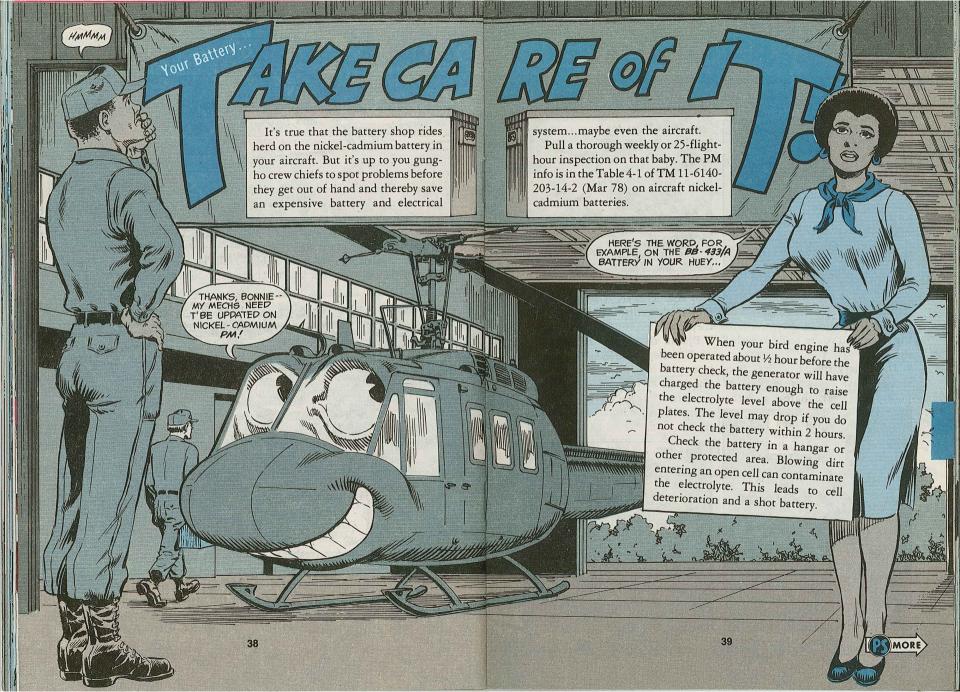
REPAIRS
ON THE
CUFF?
HAVE A CREDIT CARD,
WINDY!

Some rotor blades for the CH-54 are taking it on the chin, for real! The cuffs are left unprotected from moisture, and excessive corrosion develops...runs up the repair cost when you ship 'em for overhaul.

So, coat the taper pin holes and all bare metal on the cuff with corrosion preventive compound, item C-065 in Table 1-8 of TM 55-1520-217-23-1-1 (Mar 77). NSN 8030-00-244-1297

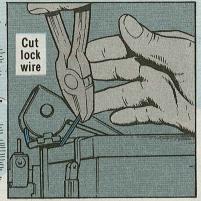


will get you a 1-gal can. Then, wrap the area with Grade A greaseproof barrier paper, as called for in Para 5-28 of the maintenance pub. NSN 8135-00-224-8885 will get you a 200-yd roll...item C-030 in Table 1-8.



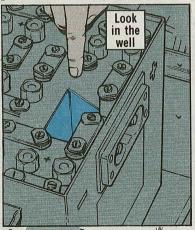
## The Overall Look

Open up the battery compartment and cut the lock wire securing the retaining clamps.



Open the retaining clamps, remove the cover, and you're ready to eyeball the cells.

The battery should be dry, clean, and not have any white deposits of potassium carbonate present.



Deposits can collect in the well at the front of the battery. The tech manual has the word on battery cleaning.



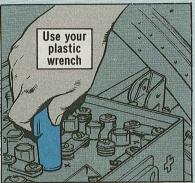
Look for damaged or loose filler caps and hardware. Use your fingers on the connecting links to make sure they're tight.

Eyeball the top of the cells. Any cracks or electrolyte leakage means the battery has to go to the shop for repair. Check the battery connection wiring for cuts, kinks or frayed insulation. Any of those conditions would require repairs.

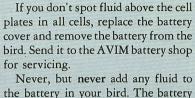


## Open Filler Caps

With the plastic, non-conductive vent cap wrench, open up every cell



and check the electrolyte level. Keep your noggin some distance from the battery. Fumes could still be coming from the battery, even tho it is not used during your check—½ hour to 2 hours following bird runup.



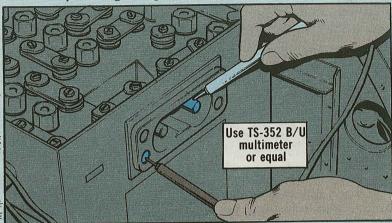
Never, but never add any fluid to the battery in your bird. The battery has to be deep-cycled (discharged and charged) to establish the correct fluid level. Adding distilled water to a battery in a low state of charge can give you a boilover in flight—when the battery becomes charged.





## Make Other

Latch onto a TS-352B/U multimeter and make the electrical leakage check outlined in the battery pub. Be sure you use an unpainted part of the battery for the ground probe.



Next, make sure the vent lines to the battery are secure and open. It's the only way to vent fumes which, if trapped, will cause a battery explosion.











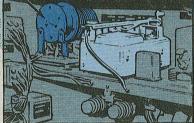
## Checks

Make with the steel lock wire on the battery retaining clamps.



If you have a carbon-pile voltage regulator, it has to be seasonally adjusted for your area using a calibrated voltmeter—not the one in

Adjust carbon pile No adjustment needed on solid-state regulator



the cockpit. No adjustment is needed on a solid-state regulator.

Yessir-e-e-e, that's the only PM you pull on your installed nickel-cadmium battery between the 100-hr Phase inspections on your aircraft (or 120 days), when the battery automatically goes to your support shop for servicing.

## Safety-of-Flight Messages

UH-1-79-24 Safety-of-Flight Op internal rescue hoist DRSTS-MEA 2622017 Oct 79

AH-1-79-22 Op Advisory—Inspect 10-KVA alternator DRSTS-MEA 151415Z Oct 79

AH-1-79-23 Safety-of-Flt Tech Msg.—Rerouting hose assy, MWO 55-1520-244-30-1 DRSTS-MEA 302125Z Oct 79

OH-6-79-02 Maint Advisory— Inspect OH-6A main rotor blade attach lugs DRSTS-MEA 161615Z Oct 79

CH-54-79-01 Safety-of-Flight Grounding Action—Failure of horiz pins DRSTS-M 061735Z Oct 79

CH-54-79-02 Maint Advisory— Ground running of CH-54A DRSTS-MEA 101730Z Oct 79

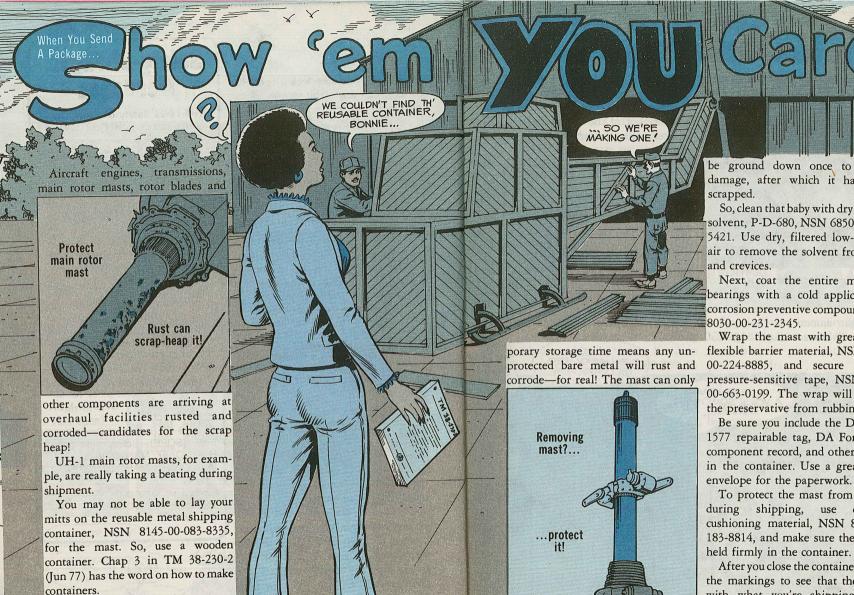
CH-54-79-03 Safety-of-FIt One-Time Inspect horiz pins, TB 55-1520-217-20-13 DRSTS-MEA 262200Z Oct 79

GEN 79-09 Safety of Personnel Eqpt (SOPE)—Safety vest assy, Hoist Oper, NSN 1680-00-982-9973 DRSTS-MAPL 021530Z Oct 79

**GEN 79-10** Op Advisory—Aircraft seat belts DRSTS-MEA 222100Z Oct 79



4



Before you pack the mast, per Para

6-140 of TM 55-1520-210-23 (Feb 79),

remember that shipping and tem-

be ground down once to remove damage, after which it has to be

So, clean that baby with dry cleaning solvent, P-D-680, NSN 6850-00-274-5421. Use dry, filtered low-pressure air to remove the solvent from holes

Next, coat the entire mast and bearings with a cold application of corrosion preventive compound, NSN

Wrap the mast with greaseproof flexible barrier material, NSN 8135-00-224-8885, and secure it with pressure-sensitive tape, NSN 7510-00-663-0199. The wrap will prevent the preservative from rubbing off.

Be sure you include the DA Form 1577 repairable tag, DA Form 2410 component record, and other records in the container. Use a greaseproof

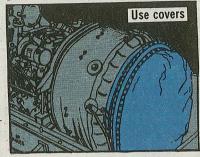
To protect the mast from damage during shipping, use cellulose cushioning material, NSN 8135-00-183-8814, and make sure the mast is

After you close the container eveball the markings to see that they agree with what you're shipping. Then, stencil the DA Form 2410 control number on the container.



A VOICE SOMEWHERE,

When packing aircraft engines in



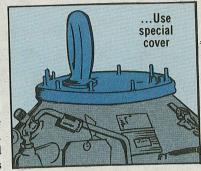
and outlet. Of course, those engine containers are moisture-controlled. To keep 'em that way, be sure you add the right amount of desiccant, as explained in Para 4-2m of TM 38-230-1 (Sep 76).

MITTHESE HANNED EXCEPT IN UPRICAL POSITION

White william

DO NOT DROP

When shipping CH-47 the metal shipping container, use transmissions, use the special protecprotective covers at the engine inlet tive cover. The cover not only keeps moisture out of the transmission, it also keeps the planetary gears safely in place.



AN' JONES HAS BEEN AWOL FER TWO DAYS, NOW,

Repair Containers

condition. Clean the interior and four winds!! exterior with water and detergent, or by steam cleaning. This'll get rid of all dirt, sand and grease that could get into the components you ship.

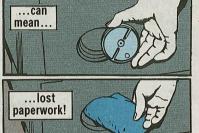


Replace damaged or missing hardware with the items listed in Appendix C of TB 55-8100-200-24, with Change 1 (Oct 78), on maintenance of reusable containers.

For example, the cover for the paperwork receptacle in the CH-47 rotor blade container must be secured. Without the attaching chain, the cover could be lost and that important

Keep your containers in serviceable paperwork could be scattered to the

Missing chain...



Replace faulty humidity indicators. Change an indicator card that does not show blue or pink tint in the 50 percent quadrant.

Replace shock mounts with cracks deeper than 1/32 inch.

Replace contour cushions that have become deteriorated, or damaged. Use the authorized parts listed in the tech bulletin.

Change damaged gaskets, skids, fittings and adapters.

Yessir-e-e-e, by using first-rate containers and preserving the components properly, your package will arrive at the depot in good condition.





When it comes to fastening shelters in a vehicle, nothing works much better than the right sling.



But, they're not always easy to find. wrong place.

The right place is the shelter pub, 4010-00-937-0790 and -0792. not the commo gear TM. F'rinstance:

11-5410-214-12P (Dec 78). The 71).

tiedown assembly is NSN 3940-00-115-6380.

5-ton tiedowns

TM 11-5410-212-15P (Jan 67) has the poop on your S-318 shelter. To sling it, you need 2 ea slings NSN Especially if you're looking in the 4010-00-187-3745 and NSN 4010-00-937-0791; and 1 each sling NSN

S-144? Look for NSN 5410-00-774-Your S-250 shelter is covered in TM 6108 in TM 11-5410-205-15P (Sep

CUT IT OUT, YOU CLOWNS! THE SHELTER TANS HAVE TIEDOWN POOP!

'Course, to complete the tiedown, you'll need blocking or dunnage info.



To put your shelter in an M880series truck, SB 11-640 (Feb 78) covers all 3 shelters.

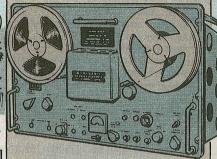
There are a couple of different manuals for the M561 Gama Goat. TB 11-2300-372-14 (Jul 74) shows you how to install the blocking kit for the S-250. The kit is NSN 5410-00-107-1864.



The S-318 or S-144 info is carried in TB 11-2300-374-14-1 (Apr 73).

'Course, any maintenance you need to do on the shelter is covered in TB 43-0124 (Jun 79).

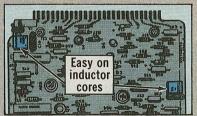
AN/TNH-20 Tool Tip



OK, org mechs, choose your tools carefully before you wade in to tune those AN/TNH-20 or -20A sound recorder-reproducer sets.

Some folks tear up variable inductor cores L1 and L3 on the amplifier assembly by using the wrong alinement tool.

Those cores are made of compressed powdered iron. Not sturdy stuff. Wedge-shaped tools—like some screwdrivers—chip or break 'em.



The tool you need has a tip .094-in wide, .031-in thick and .125-in long. Your support can get one from Nytronics, Inc, Orange St, Darlington, SC 19532. Ask for their Nytronics tuning tool, part number B-305, FSCM 00213. It costs 75 cents.



Keeping the contacts dry on our MX-6707 matching units is getting spendy. We order dust caps by the gross 'cause our operators throw 'em away when they put antenna sections on.

Isn't there a cap somewhere with a retaining ring to keep it tied to the unit when it's not needed? Or, is there another way to keep those caps han-CW2 R.J.O. dv?

#### Dear Mr. R.J.O.,

Yes on both counts, Sir.

Change 6 to TM 11-5985-262-15 (Mar 69) added a plastic dust cover with a retaining ring. It doesn't have an NSN yet, so order it with P/N (80063) 911110-2.



'Course, there are homemade remedies to the problem, too. You can use the protective cups from M203 grenades or tops from aerosol cans.



You'll probably want to use rope, like an extra piece of antenna tiedown, to fasten the grenade cup to the matching unit. For the cap, thin wire should do the trick.

# EPENO E

GRENADE CUP OR AN AEROSOL CAP.

YOU CAN USE HOMEMADE

COVERS ...

DUST CAPS?

... BUT YOU STILL FASTEN 'EM SO YOU DON'T LOSE THEM!



A pair of plastic dust covers do the job, too. NSN 5340-00-342-5577 and 5340-00-811-5959 both fit snugly over the contact. Thin wire keeps them around when the antenna's in place.



Put the hole for the wire just below the cover's "ledge". That guarantees good fit and waterproofing.

In a pinch, protect the contact with masking tape. Watch for residue, tho.

WHEN YOU REMOVE THE TAPE, GO OVER THE CONTACT WITH A RUBBER PENCIL ERASER TO MAKE SURE IT IS

## **Dry Rot Stopper**



Dear Editor.

Dry rot on handset cords is getting to be a big problem. I find that putting silicone grease on the cord when you first see the rot can make it almost like new.



If the cord is badly rotted, tho, put on a heavy coat of grease. Then, wipe the excess off the next day.



The results here have been remarkable.

Rotting

bad? Try

a heavy

dose of grease

What say you?

SSG Stephen Waldrop Ft Hood TX

(Ed Note-I say right on! Make it part of your weekly routine and get rot before it gets you. An 8-oz tube of silicone grease is NSN 6850-00-880-7616.)



earphone cushions on your MK-1697/G headset-microphone kit.



That's why the top shop is replacing the vinyl pads you now use with a polyurethane cushion. The new

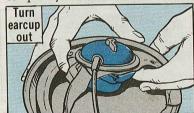


material doesn't stretch like vinyl, so it won't lose its grip.

The new pad, NSN 5965-00-135-0505, fits both earphones.

Because it does fit so tightly, it goes on harder.

To put it on, get a good grip on the helmet. Hold it between your knees, for instance. Then, turn the earcup completely out. Fit the cushion attach-

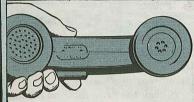


ment ring over one side. Then stretch the cushion to the other side. It may take a couple of tries to get it, but stick with it.

One note on this new grabber. It's only for the MK-1697. It does fit the H-161 headset-microphone, but the correct pad for that set is still NSN 5965-00-815-2525.



Got a bad gasket on the TA-235 receiver element of your H-60 handset?



Keep the element and replace the gasket.

The gasket is NSN 5330-00-618-



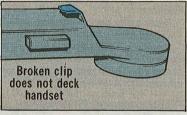
1665. It's being replaced by NSN



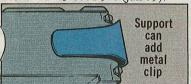
## H-189 Clip Fix



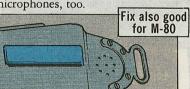
Breaking the molded clip doesn't KO vour H-189 handset.



Your support can now add a metal clip, NSN 5340-00-064-5426. Details are in TB 43-0001-9-4 (Jan 79).



The fix is good for M-80 microphones, too.





SORRY! THOUGHT I HEARD MY AN/GRA-39

Dear Editor:

Our AN/GRA-39 radio set control group's remote set started sounding like a motorboat after each transmission. The putt-putt sound lasted 2-3 minutes.

Right away our operators blamed it on a bad local control set. Not so.

Usually, just turning down the volume on the remote unit until the sound stops is enough. If not, we clean all contacts with a pencil eraser.

Turn volume down

The contract of the contract

This "quick fix" keeps our sets on

SSG Gary Cathcart

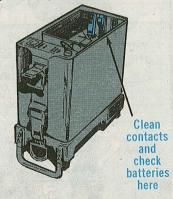
the job and out of the shop.

FT Ord, CA

(Ed Note: Good work, Sarge. Here are some other things which could cause "motorboating."

Eyeball the radio cable on the local unit. It should go to the receiver-transmitter's SPKR connector. If you connect it to the retransmit R/W connector you overload the keying relay. It carries too much juice for the control group.

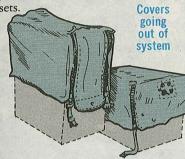
Weak batteries could be the cause. They're only good for about 72 hours.



Finally, be sure the field wire between the units is in good shape. Breaks create problems.) No RT

REMOVE THAT COVER!

Coverup's a dirty word...'specially if you're talking about canvas and radio



Once upon a time, the top shop wanted you to protect your RT -246, -524, -505, -841 and R-422's with CW-653 and -649 canyas covers.

No more. Seems the heavy covers were creating a bad overheating problem. No air got through.

So, don't worry about 'em. They're being dropped from the supply system, anyway.

## AN/PRC-77 Loudspeaker



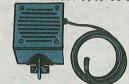
NOW HEAR THIS!

Your AN/PRC-77 radio set's LS-549 loudspeaker has faded out—permanently. That's the word in para 6-6 of Change 7 to TM 11-5820-667-12 (Jun 67).

AN/PRC-77's speaker is out

The headshed offers 2 replacements. The one you pick depends on your need.

For a fixed ground or vehicle installation, use an LS-454 loudspeaker. It's NSN 5965-00-876-2375.



For silent monitoring, get the H-251 headset. Order NSN 5965-00-043-3460.





## EYE THE LISTING CLOSELY

already received? Tell support. Does No? Follow-up. the listing show an item you didn't request or do not need? Cancel it.

Maybe you have an item on your document register that's not on the reconciliation listing. Check the cutoff date on the listing. Did your request go in too late for that listing? No? Flip through your status cards. If you've received status cards on that item, could be the item's on its way and

LISTING INFORMATION

2. What you receive.

1. Pub source for reconciliations.

Find an item on the listing you've will arrive in the next couple of days.

Low priority requests may not rate status cards. So watch the date you sent that request in. If the low priority item is 'way overdue, visit or call your support and see what their status is on the item.



Still draw a blank? Cancel the request and put in a new one under a new document number.

> PERIODIC RECONCILIATION S A MUST ...

MANUAL (SSA to Units)

Para 2-25f of AR 710-2.

Supply and shipment status cards or listing.

Compare the listing with your document register. 3. What you do.

Take no action.

4. Item on listing matches document register entry.

5. Already received item on the listing.



Cancel the item on a DA Form 2765. Your document register entry should already be complete.

Never just cancel an item or submit a good new number, change your a new request right away on an item missing from the listing—unless your SOP or system requires it.

Eve the listing for NSN changes. If you find an old item with a new NSN. look that number up on the AMDF or ask support about the change. If that's records—all your records!

THE FOLLOWING POOP SHOULD MAKE YOUR CHORE EASIER!

**DLOGS** (SSA to Units)

Fig A-29 of TM 38-L22-15-2.

Computer printout listing.

Compare the listing with your document register.

Mark listing entry with an X.

Mark entry "REC". Your document register entry should already be closed out as received.

Depending on your system, you use different methods and codes to tell support how to handle your reconciliation. But all the systems need your information. So make sure you reply each time with the latest and best info you can-and always by the due date on the listing or the cover letter that came on your listing.

SAILS (Unit/SSA "Tops-Down")

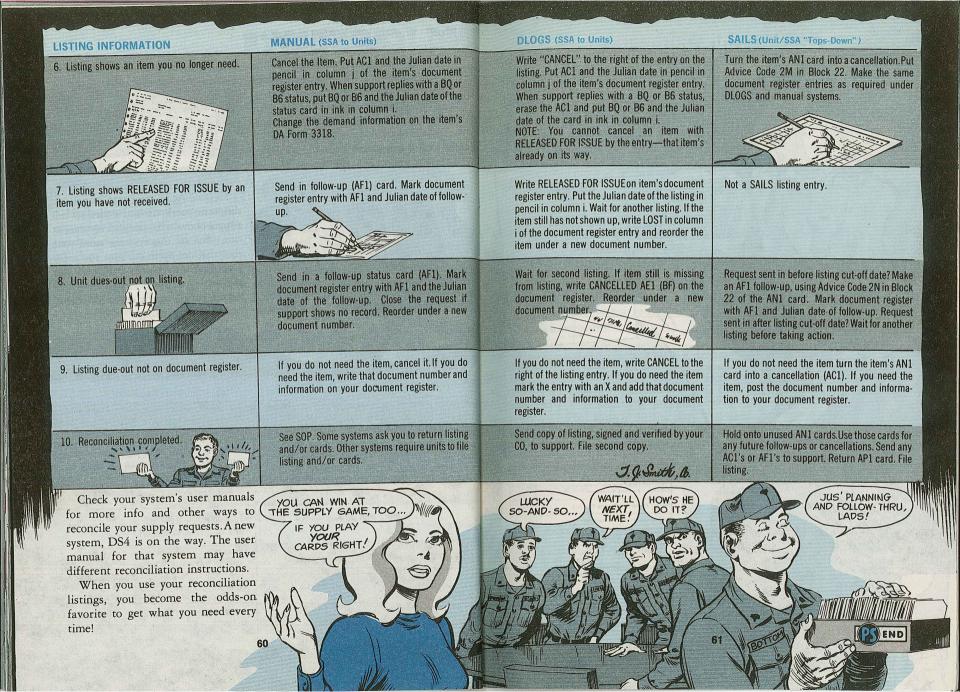
Sec IV, Chap 9, TM 38-711-12.

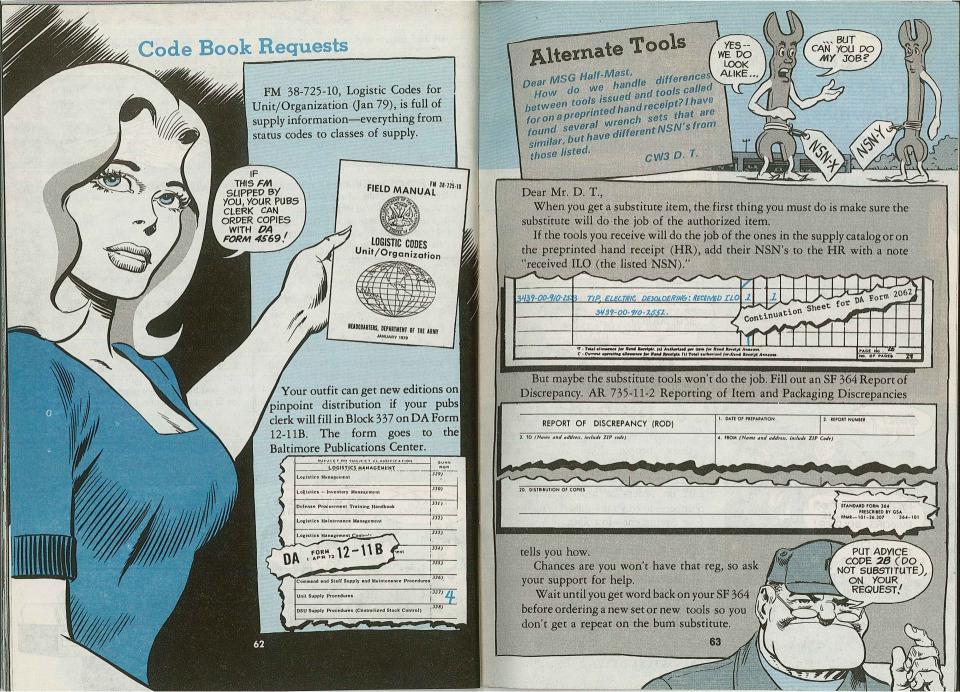
Computer printout listing plus 1 due-out receipt card (AN1) for each item on the listing and 1 due-out receipt response card (AP1).

Compare the listing with your document register.

Take no action. If all the records match, send the AP1 card back to support.

Date of receipt before cut-off date of listing? Make out an AC1 cancellation putting Advice Code 2U in Block 22 of the AN1 card for that item. Date of receipt after cut-off date? Take no action until next reconciliation shows that item still on due-out.





DD 314

## Not For Operator's Services



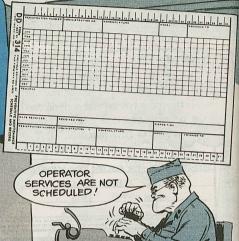
Dear MSG Half-Mast,

Change 2 to TM 38-750 dropped the words about the DD Form 314 being needed only for scheduled services performed by a mechanic or armorer or by an operator/crew member under the supervision of a mechanic.

Has there been a change in policy? MSG T.C.F.

Dear MSG T. C. F.,

Nope. The words on that were dropped from TM 38-750 by mistake. The old policy still stands. You schedule only those services performed by organizational mechanics and specialists.



## Put Offs on DA 2408-14



A nasty rumor's going around about the DA Form 2408-14 Uncorrected Fault Record.

Some people think you defer something on the DA 2408-14 only if you have a document number-for a part on order-or a work request number-until your support can take vour equipment-in column c.

Sit on that rumor right now! Your CO, or the person your CO gave that job to, can defer a fault or maintenance action on the DA Form 2408-14 for a variety of reasons. That includes postponing the repair until the next scheduled service or trip to support.







## More on Antifreeze...

Get up to date on the antifreeze problem! The latest word's in USAGMPA Msg STSGP-FT 231900Z Nov 79. This goes beyond the info in IISAGMPA Msg STSGP-IM 231700Z Oct 79mentioned in PS Magazine 326, page 65.

You may have to carry that military type antifreeze—already in your engine cooling system-beyond the 4-year limit called for in TB 750-651 (Nov 77). Be sure your antifreeze meets the reserve alkalinity test and protects against freezing.

The latest message gives you the poop on which commercial-type antifreeze is the best substitute for military-type antifreeze. And it tells you about mixing different types and brands of antifreeze. You don't!

## Tarp Bow Pins

NSN 5340-00-878-5269 gets the quick-release pins for the tarpaulin bows on your PU-620/M power unit that's carried on a modified M101 34ton trailer.

## No Aircraft PMCS

You aircraft types waiting for PMCS' to replace your ESC's will wait in vain. No aircraft PMCS' will be published. DA Circular 310-21 (15 Dec 79) rescinded your aircraft ESC pubs with no replacements.

## Change 3 to TM 38-750

Change 3 to TM 38-750 arrived in time to start your year off right. It's got a new Appendix C and DA Form 2406 paragraph and more! But hold off on using that new DA Form 2406 information or Appendix C until 16 Mar 80. That's when the next reporting period starts. Everything else in Change 3 goes into effect when you get the change. DA Msg DALO-SMM 282055Z Nov 79 has the word.

## M240 MG Parts

M240 machine gun spare parts are in short supply...just enough for initial deployment. Word has it that some units are stockpiling...which means that a parts shortage could delay issue of the weapon to units which haven't received it vet. The message: If you don't need parts, don't request them.

## **DR-8 Binding Posts**

Need a new M-221 terminal board for your DR-8 cable reel? Get it with NSN 5940-00-164-8112.

## For Vulcan Pliers

Vulcan mechs can get replacement pads for those plastic-jawed pliers, NSN 5120-00-624-8065 in SC 4931-95-CL-A16. Use NSN 5120-00-157-3660 for the pads.

☆ U.S. GOVERNMENT PRINTING OFFICE: 1980—657-085/3

Would You Stake Your Life high now the Condition of The C the Condition of Your Equipment?

