



An attack of deadline fever got you down? Ask for a house call from your Maintenance Assistance and Instruction Team.

GOOFED-

REQUESTS

MAIT is mobile and ready to cure your supply, maintenance or pubs problems. All it takes is a call.

The best part is, MAIT won't leave you a bill—or send the diagnosis to your command.

If you ask, MAIT'll look back in after you've had a chance to work on their recommendations.



'Course, you can help MAIT out with a little applied "ounce of prevention." Make sure you have trained people in as many positions as possible and set up good maintenance and supply techniques. Then, call MAIT when you need them and follow their prescriptions when they leave.



Published 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.

Within limits of availability, older issues may be obtained direct from Editor, PS Magazine, c/o US Army Materiel Readiness Support Activity, Lexington,

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PS wants your ideas and contribu- MSG Half-Mast tions, and is glad to answer your questions. Name and address are kept in confidence. Just write to: Lexington, KY Or call: AUTOVON 745-3355.

PS Magazine

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WE DDN'T GET EXTRA
SECTIONS FOR OUR RAMMER
STAFF,,, WHAT DO WE DO,
KAH-KNEE?

RAMMER STAFF SECTIONS—The M201 cannon tube on the M110A1 is longer than the M2A2 cannon tube on the M110 so you need 2 extra rammer staff sections. They should be with the cannon assembly kit when the M201 is installed. If they're not, yell until you get them.

You'll need 2 extra staff sections

M139 ELBOW TELESCOPE—The M139 elbow telescope you should get with the components of the end item is just a reworked M116 or M116C telescope. Still, it has a mil reticle scale and is different enough in its operation that you can't do without it for direct fire with prop charges M2 (Zone 7) and M188 (Zone 8). If you need one, order it as elbow telescope M139, NSN 1240-00-328-5631 (P/N 10556120). You maintain it just like you did the old one.



RANGE CHART—You may not be able to find the range chart right away. Look for it on the right trunnion mount (The Pork Chop).

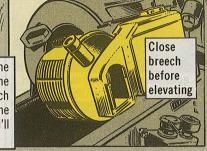
YELL 'TIL

YOU GET 'EM

	ELEVATIO	N (MILS)
RANGE	H.E. M106	PROJECTILE
(METERS)	P.C. M2 ZONE 7 MV607 M/S	P.C. M188 ZONE 8 MV 710M S
400	6	4
500	7	5
600	8	6
700	10	7
800	11	8
900	13	9
1000	14	10
1100	16	11
1200	17	12
1300	19	14
1400	20	15
1500	22	16
1600	23	17
0 1700	25	18
1800	26	19
1900	28	20
2000	30	22
2100	31	23
2200	33	24
2300	35	25

HELP ME FIND
TH' RANGE
CHART, HUH?
NEW REAMER—A new, longer
reamer is issued with the new M201.
The new reamer is NSN 4933-01026-5253 (P/N 11578743).

BREECH BLOCK—Always close the breech block before elevating the cannon tube. If you leave the breech block in the open position it'll hit the right trunnion support and you'll have a major repair problem.



HIGH/LOW TRAVEL LOCKS—There's a lot of confusion about when to use the high travel lock and when to use the low travel lock on your M110 vehicle or M110A1.

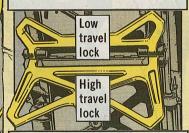
DOPE...

HERE'S THE

LOW TRAVEL LOCK:

a. When going cross country in forested area or whenever else you need a low profile.

b. When changing cannon tube.



HIGH TRAVEL LOCK:

This is the normal travel position.

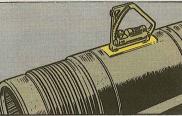
DRIVING—When driving cross country you'll have better control if you first retract your cannon assembly.

The cannon should be in battery when you park and store the M110A1. This keeps rust from forming on the recoil and counter recoil rods, which will cause leaks in the recoil system. The M110A1 drives "front heavy" as compared to the M110.









quadrant seat on the muzzle end of the tube as well as on the top of the



breech ring. For that reason the M201 tube can be leveled directly. If your breech has an embedded correction stamped on it, have it stamped out and find the tube level with your gunner's quadrant.

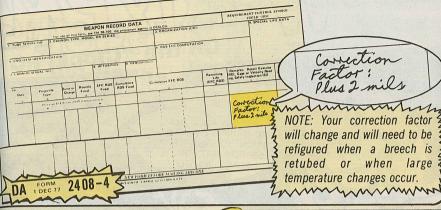
First, put a gunner's quadrant that has passed the end-for-end test on the muzzle quadrant seat and center the bubble. That'll bring

Then, put the gunner's quadrant your tube to 0 mils. on the breech ring quadrant seat and float its bubble if it's not already floating centered. The reading you now have is the correction factor between the 0 mils at the muzzle end and the reading taken at the breech ring.

CORRECTION FACTOR-The correction factor is a mechanical variation in elevation and you have to make allowance for it in taking your readings from the gunner's quadrant at the breech. If your correction factor (breech ring reading) is (+) then you have to subtract (-) the factor to get the real correct muzzle (or tube) elevation angle. However, if the correction factor is minus (-), then you have to add it (+) to the elevation reading taken at the breech to get the true weapon elevation.

DO THIS ...

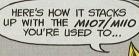
Once you're sure you have your correction factor right, record it in the Remarks section on the DA Form 2408-4 and use it every time you make an elevation setting with the gunner's quadrant.



CANNON TUBE LIFF-The round life of your M201 cannon tube is



different.

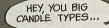




7						
1	VEHICLE	CANNON	EFC LIFE	EFC FACTOR		BREECH LIFE
	M110A1	M201 auto-frettage tube	7,500 rds	Zone 9 (future) Zones 7-8 Zones 1-6	1.0 0.7 0.25	Original plus 4 tubes
	M110	M2A2	7,500 rds	Zone 7 Zone 1-6	1.00 0.25	No retubing
	M107	M113A1 auto-frettage tube	1,200 rds	Zone 3 Zone 1-2	1.0 0.10	Serial No. 338 and above, original and 5 tubes.
	M107	M113	400 rds	Zone 3 Zone 1-2	1.0 0.10	Serial No. 1-337, original and 2 tubes; Serial 338 and above, original and 17 tubes.
	7			-		DOEN



On the "Clock",



TM11-5855-217-12

THERE'S MUCH MORE TO IT THAN LAMP "GLOW" WHEN YOU MUST HAVE A SEARCHLIGHT THAT'S
READY TO "GO".

> the tactical searchlight Sure, technique keeps the 'flicker" operating time on your tank-mounted AN/VSS-3 or -3A searchlight low.

> But pulling good weekly PM checks and services (including an operational check) will show up on the elapsed time meter on the control box or in the

> > Good PM checks show up here . .



searchlight housing, depending on the model.



And that weekly PM will show up on the range, too-in the form of operationally-ready searchlights.

The run-down on operator and organizational maintenance is laid out in TM 11-5855-217-12 (Jan 70) for the AN/VSS-3 and in TM 11-5855-217-12-1 (Jul 70), through Ch 8, for the A-Model. But there are a few other items it for visible damage. you need to check to keep that searchlight ready to go.

F'rinstance, when you're eyeballin' the window for dirt, scratches and cracks, keep a sharp eye open for any condensation on the inside surface. If you see moisture beads, the light goes

to organizational maintenance types for a further checkout. They're the ones to make sure the window seal and heat exchanger seal are both OK.



Operators and crew members don't mess with the window latch, but check

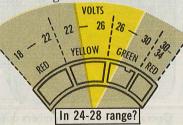




searchlight mount, watch for missing mounted on your searchlight and mounting screws, a bent or cracked control box. The red decal goes on the mount, or worn or missing mounting light; the yellow one's for the big pins.



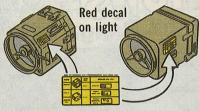
Organizational maintenance types should make sure the vehicle's voltage regulator (especially the old carbon pile type) keeps battery volts within the searchlight's limits 24-28 volts.



One final reminder—double check that the 2 decals included in TM 11-

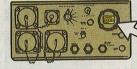


When you're checking the 5855-217-12-2 (15 Jun 77) are control box.



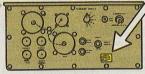


Yellow decal on control box



CAUTION

DAMAGE. DO NOT MIX N/VSS 3 AND AN/VSS 3A COMPONENTS TOGETHER.



And pay attention to those cautions: Don't mix AN/VSS-3 and AN/VSS-3A components.

If you need more decals to cover, each searchlight and control box in your unit, just order the -2 TM. Don't worry about building an unauthorized "library". The -2 TM just includes an envelope containing the 2 stickers and a one-page TM that tells you where to stick 'em.

Tank Turret Traverse Controls . . .

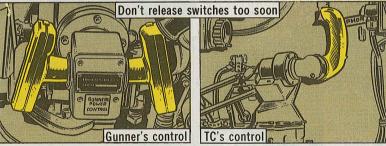
No-back No-go Number



Your turret traversing system and its controls are built to take it—but there's a limit.

Releasing those traversing handles and palm switches the wrong way can rack your No-Back!

When you're traversing, don't release the palm switch on the gunner's controls or the commander's override at the TC's position until the turret has stopped traversing. You'll reduce damage to the No-Back and magnetic brake—and save your favorite turret mechanic a hassle.



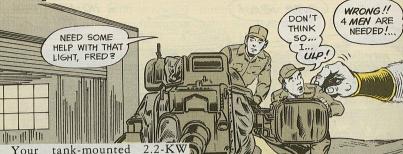
The TC can reduce turret traverse system damage by keeping a cool head and supple wrist when he has to override the gunner's control. Here's the ticket: Keep the power control handle in the neutral position before squeezing the override.

Cranking the TC's handle in the opposite direction of the gunner's handles while the turret's already moving, and then hitting the override? That can lock up the traversing gear box. It can do a number on the No-Back, too.

If you're spending plenty time on your turret traversing system—or blowing its parts out—better review your tank's -10 TM.

IR Searchlight Handling and Use . . .

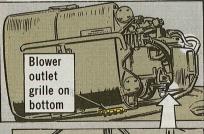
Keep Your Cyclops Eye from Blinkin'



Your tank-mounted 2.2-KW searchlight gives you a double-option choice of visible or infrared target lighting.

But careless handling during installation or operation can put out your light—and leave you in the dark for a long time.

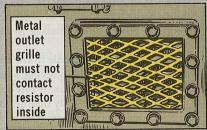
The grille on the heat exchanger blower outlet on the bottom of the housing is made of soft metal. If you rest the searchlight on the mounting





balls for even a moment, that "lightweight" 230-lb unit can end up with a bent or pushed-in outlet grille.

And that's the problem. Just inside the grille is a resistor that carries the amps for the light. If that metal grille comes in contact with the resistor even a little, the resistor is shorted to ground.



That means a partial burning of the resistor until it breaks contact with the screen, or a complete resistor burnout—which means a trip to support.

ALONE



So use enough crew members to muscle that searchlight onto either the operating or stowage mounts. Four wouldn't be too many. And never rest the unit on its grille.

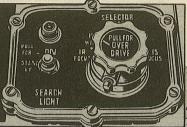
CYCLO MAPE IT JUST IN TIME, SIR!

LUCKY WE SPOTTED THEM!



KEEPING YOUR COOL

When you fire it up, that searchlight's Xenon bulb gets plenty hot. Its cooling blower has to keep running even after you douse the light.



Thermal switches cut off the blower when the searchlight's cool enough to prevent overheating damage.

If you turn off the tank's master switch before the blower stops on its own, you'll damage the bulb and other parts.



TM 11-5855-250-12&P (May 77) covers the AN/VSS-1(V) 1 and -2 searchlights.

TM 11-6230-219-12 (Jun 70) has the poop on the regular AN/VSS-1 () and VSS-2.

While you're at it, TEC lesson 020-171-5343-F includes a wrap-up of Xenon searchlight operations, including pre-operation safety checks.

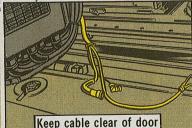
Chaparral . . .

FROM

Cables. Records. Switches. Relays. Screws. You name it, and somehow you've gotta take care of it right to keep your Chaparral missile system going.

For instance, you've got to disconnect the W30 commo cable from the radio set in the rear electrical compartment for several good reasons (like removing the radio set).

But, the cable tends to dangle over the edge of the compartment . . . and when somebody closes the rear electrical compartment door, bad news. At the least, the insulation will be damaged. At worst, the door will cut the cable in two. So, keep the cable inside, and make sure it's still inside when you close the door.



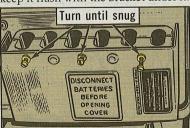
Record keeping gets hairy at times, but trying to figure out what form to keep... and on what component... can get downright confusing if you follow the dope on Page E-9, Appendix E of TM 38-750.



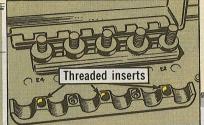


Think snug, not muscle, when you turn the captive screws on the terminal cover of the master distribution box.

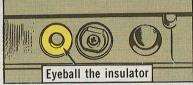
Just turn 'em down until they're snug with the surface of the cover (a little hand pressure on the cover will keep it flush with the bracket under it.



The idea is not to overtighten the screws. Turn 'em hard, and you'll pull out the threaded inserts they fit into in the lower bracket. That calls for a repair job.



Before you load your missiles, eyeball the insulator (firing pin) on the firing pin and detent assembly. There's one on each of the 4 rails.



The insulator chips and cracks from use, so be sure the cracks are not all the way through to the rail metal. If it's cracked through, it can cause misfires.

If you spot a bad crack, replace the firing pin and detent assembly, and send the damaged one to support for repair.



THANKS FOR COMING BY FOR ME KAH-KNEE ... I'VE ALMOST FINISHED MY PM INSTRUCTION ...

DID YOU TELL THESE MALE
CHAUVINISTS HOW TO HOOK UP THE
W40 SLAVE CABLE YET,
BAH-KNEE?



Tip: If you've got to hook up your W40 slave cable and it's not practical to shut down the engine of the carrier, just shut off the master switch.

Engine shutdown's best, but the master switch will cut power to the slave cable connectors ... which means the connectors won't be damaged.



Take a mental note on the generator set control box: Keep out if you're not authorized to adjust or repair it. Troops tinker with the K2 relay and other components in the GSCB to "make it better." It gets "better" by ending up in the support shop for repair.

Another note on the GSCB: Heed the warning on the box which tells you

to disconnect the vehicle batteries (cables W19E1 and W22E1) before

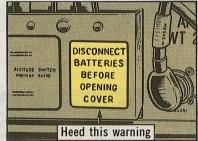
YUP ... AN

UPTIGHT

OBSERVER!

FOXY

UFO?



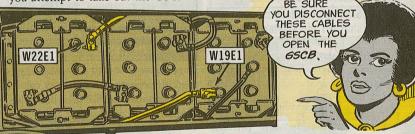
you remove or install the GSCB. If you don't disconnect those battery cables, you'll damage the K2 relay and other components.



16



You can burn out the generator set control box (GSCB) on your Chaparral with battery power . . . if you don't disconnect a couple of battery cables before you attempt to take out the GSCB.



So, before you do anything with the GSCB, disconnect the W19E1 and W22E1 negative cables from your lead acid batteries No. 1 and No. 3.

If you leave the battery leads attached ... and accidentally ground the GSCB hot leads on metal ... kiss the GSCB goodbye.

Finish re-installing the GSCB before you re-connect the negative leads.

In other words, that caution printed on the GSCB about disconnecting the batteries is for real.

On the good side of the picture, charged batteries are the thing for a top operating launch station.

Your system mechanic provides that with a specific gravity check of the batteries at each monthly service, insuring that the batteries have a specific gravity reading of 1.250 to 1.300. Cells in each battery should vary no more than .040 specific gravity. Terminal voltage should be at least 12.0 volts.

If the readings are less than 1.250, they need a charge. Get 'em replaced if they don't come back up to at least 1.250.

The monthly, too, should insure that the charging system is putting out the right voltage (too much or too little is harmful).

correction (Dissipar



CHAPARRAL

Fifty hours. Mark that in your memory.

Fifty hours, and every 50 hours of operation, is the time period for changing the oil in your Chaparral missile system air compressor.

Forgetting it can be a very expensive lapse of memory. The compressor doesn't come cheap.

The oil gets a daily check, too. If it's low, bring it up to the mark on the dipstick.

When you change the oil, remove the sump pan and clean it.

The only oil you use now in the compressor is BMS 3-7A. NSN 9150-00-753-4667 gets you a quart, and the compressor takes ½ pint for a refill. Never mix BMS 3-7A with any other



BMS 3-7A

THE 10 AND
TM 9-1440-585-10,
Ch 1 and 2, PIECE
TOGETHER THE
STORY FOR YOU.



M60 Barrel—Crack or Ring?



Dear Half-Mast,

We have a problem with M60 machine gun barrels cracking and separating on the inside near the breech end. We've been told that this is where a sleeve and the tube meet. Are they safe to fire?



SFC G.K.

Dear Sergeant G.K.,

Fire away, the barrels are safe! There is no crack. What you see, about 6 inches down the barrel, is a groove where the tube and a sleeve installed by the manufacturer meet. The groove varies from .020 to .040 inch . . . and it's supposed to be there.



Groove in barrel fire away

M60 Barrel Lock

HEY, OLD LOCK... I'M
THE NEW LOCK!

Dear Half-Mast,

What's the word on replacing old style barrel locks on the M60 machine gun with new ones? Is it required?

SSG J.D.C.

Dear Sergeant J.D.C.,

There is no DA directive that says you must have the new style lock.

However, as they proved with aircraft-mounted M60 models, they're a big improvement over the old locks. They hold that barrel in ... and that's a big plus. If you want 'em get 'em. They're shown in Fig C11, items 2, 3, 7



and 8 of TM 9-1005-224-24. Support

BIG DEAL.

I'M STILL

puts 'em on.

M60

Barrel



THE NEW LOCK IS BETTER!

21

TROOP SUPPORT SUPPLY

enit

As a PLL clerk, you're a Very Important Person.

You're the one who keeps those repair parts coming, those vehicles moving, weapons shooting, and birds flying. That's a tall order.

MAKE

SURE

YOUR

LIBRARY

HAS ...

You can do it if you stock plenty of pubs.

LIBRARY FIT FOR A KING!

SURE BONNIE -- I HAVE A GOOD LIBRARY, I KNOW THIS UNIT'S SUPPLIES AND READINESS DEPEND ON ME AND THE MOST UP-TO-DATE INFORMATION!

LOOK--I EVEN HAVE A COMPLETE SET OF PS MAGS!

•AR 710-2, Materiel Management for Using Units, Support Units and Installations, with 4 changes.

•-20P TM's for all the equipment your unit has or supports.

•CTA 50-970, Expendable Items (Jul 74) with 2 changes. This CTA authorizes your requests for low-cost expendable items except repair parts, ammo, medical or heraldic goods.



•FM 38-725-10 (Nov 76) Logistic Codes. Use this pub to translate status cards and printouts. Change I is due out soon.

AMDF, Army Master Data File, lists all items the Army uses by NSN. You check the AMDF for NSN changes, unit of issue, price and Consolidated Master availability.

Cross-Reference List, Part 1, tells you what part numbers have NSN's.

SB 708-41, Name to Code, and SB 708-42, Code to Name, help you crack the Federal Supply Code for Manufacturers (FSCM). Use SB 708-41 if you know the manufacturer's name and you need the FSCM. Use SB 708-42 if you've got the FSCM but need the manufacturer's name.

•Local Pubs:

QSS Catalog lists the items stocked at your Quick Supply Store.

SSSC Catalog lists the items—office and housekeeping supplies, tools and common hardware—stocked at your Self-Service Supply Center.

SOP's tell you how to handle special and unique problems. You'll need copies of the Standard Operating Procedures of both your command and

unit.

Other Pubs:

You'll need your special system pubs if you operate under an automated system like DLOGS or SAILS.

Commercial Parts Manuals or Lists may give you the word on parts if your unit runs special commercial equipment along with its Army-issue.

'Course, you also need to keep your soldier's manuals handy to stay on top of your job. The 76-series MOS manual spells out your job, tests you in job situations and steers you to the info you need about your job.



23



DOX ROUT | TOX | TOX NUMBER | TOX OUT | TOX OU Manual form entries **Entries** required where there is color C Bigostine in Italia Company

or when you're ordering nonexpendable items—usually end items and other property book-type gear.

3 10 1172 12 14 15 16 17 18 19 20 217 22 25 25 27 27 29 30 12 13 14 24 24 24 25 26 24 24 35 35 35 35 35 35 36 36 36

Nonexpendable items are coded N in the AMDF expendability column.

You use the DA 2765-1 for all turnins, though, whether the item is expendable or nonexpendable.

PUT THE RIGHT SUPPLY "TOOL" ON THE RIGHT JOB! THE TIME YOU SAYE IS YOUR OWN!

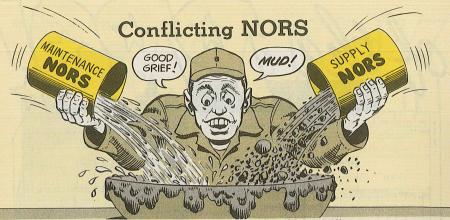


Less work

required on

preprint form

Preprint form entries



Ever try to mix dirt and water? You get mud—which usually causes more problems than it solves.

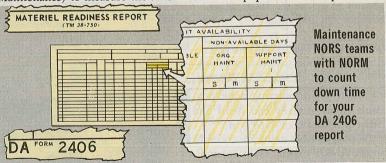
That's what happens when you try to put maintenance NORS and supply NORS together.

Everybody agrees on what NORS means: Not Operationally Ready—Supply.

It describes the condition of an item that is deadlined 'til an ordered part, component or subsystem arrives. But, maintenance and supply do not always agree on what you do with a NORS condition.

Maintenance uses NORS to cover one of 2 categories for counting not-available days for your Materiel Readiness Report.

Maintenance NORS teams with NORM (Not Operationally Ready—Maintenance) to measure the amount of time equipment is not operational.



Maintenance NORS is time during which your DA Form 2406 reportable items are not ready because a part, component or subsystem is on order. You've pulled all the maintenance you can and you're stuck until the part arrives.

Supply uses NORS to identify a type of high priority request on items with assigned Weapons System Designator Codes (WSDC). Your request goes the NORS route whenever an item with a WSDC has a part, component, assembly or subsystem down. The end item cannot perform one or more of its primary missions.

			-
	5H	AN/TPX-46 Interrogator Set VI Configuration	1
-	5J	AN/TPX-46Interrogator Set V2 Configuration	
1	/ 5K	AN/TPY-50 Interrogater Set	1
1	5L	AN/MPQ Radar Set	1
N	5M	Defense Satellite Communications System (DSCS)	(
	5N	Army Air Field/Heliport C-E Projects)
1	5P	Automatic Voice Network (AUTOVON)	
1	5Q	Radio, AN/TRC-80	
1	5R	- European Wideband Communications System (EWCS)	
1	5S	_ Integrated Joint Communications System PAC (IJCS-	1
5		PAC)	
	5T	Worldwide Military Command & Control System	
100			

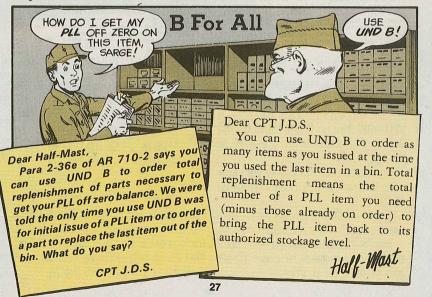
Supply NORS teams with *ANORS for a special type request.

*Anticipated Not Operationally Ready Supply

Maintenance and supply NORS are akin—but barely! Many DA 2406 reportable items have Weapons System Designator Codes, but many do not. And, some WSDC-coded items are not DA 2406 reportable.

One type of NORS does not direct the other type. A NORS supply request is independent of the materiel readiness NORS/NORM time.

So until the experts put supply and maintenance NORS together, keep 'em separate!





Inns is a selected inst of recent plus of interest to organizational maintenance personnel. This list is compiled from recent AG Distribution Centers Bulletins. For complete details see DA Pam 310-4 (Oct 77), TM's, TB's, etc.; DA Pam 310-6 (Jul 77) and Ch 1 (Oct 77), SC's and SM's and DA Pam (C) 310-9 (Nov 76), COM-SEC pubs.

TECHNICAL MANUALS

TM 3-1040-266-20&P Nov M239 Smoke Grenade Launcher Ch 2, TM 3-4240-279-20&P Dec M17/M17A1 Mask and Accessories Ch 2, TM 3-6665-261-14 Dec M10 Alarm

TM 9-258 Dec Elementary Optics, Fire-Control Instru

Ch 4, TM 9-2320-266-10 Dec M880-Series 1½-Ton Truck TM 9-2320-270-20 Nov M911 Truck Tractor, Heavy Eqpt Transporter Ch 2, TM 9-2350-257-20-1 Nov M60A1 (RISE) HULL

TM 9-2350-258-10 Dec M48A5 Tank TM 9-4320-269-20 Dec Truck Telephone Maintenance, Utility, XM876

TM 9-4940-421-14 Oct Maint Shop Eqpt Contact Maint Truck Mtd (Southwest Mod SECM) TM 11-5820-401-10-2 Dec Radios

AN/VRC-12, AN/VRC-43, AN/VRC-44, AN/VRC-45, AN/VRC-46, AN/VRC-47, AN/VRC-48, AN/VRC-49 TM 11-5855-203-23 Nov Night Vision Sights, AN/PVS-2, AN/PVS-2A, AN/PVS-

TM 11-5855-214-24&P Dec Night Vision Sight AN/TVS-5 Ch 1. TM 11-5855-238-10 Nov Night

Ch 1, TM 11-5855-238-10 Nov Night Vision Goggles AN/PVS-5, AN/PVS-5A TM 11-6665-224-20P Jan Radiac

AN/PDR-27P

TM 55-1500-210-L Nov CH-47A, B, C Ch 1, TM 55-1520-210-23P-2 Dec Aviation Unit and Intermediate Maint (UH-1) Ch 8, TM 55-1520-220-PMS Dec UH-1C/M TM 55-2840-241-23P Jan Engine, Air-

MISCELLANEOUS

craft. Turboshaft T63-A-720

Ch 6, AR 710-3 Nov Asset and Transac-

tion Reporting Sys TB 9-2300-405-14 Nov Mandatory Brake Hose Inspect, Replace-Tactical Vehicles TB 55-1500-325-25 Dec Aircraft Quality Summary, Acceptance Inspection Ch 3, TB 55-1500-334-25 Dec Conversion of Aircraft to Fire Resistant Hydraulic Fluid

Ch 1, TB 55-1500-337-24 Nov Phased Maintenance System

AUDIO-VISUAL STUFF TEC LESSONS

Available at battalion or post Learning Center

010-071-6635-F Boresighting
81-MM Mortar
020-171-1312-F Vehicle
Classification
040-1061-6132-J Prefire Checks
on M109/M109A1 Howitzer
041-061-6135-J Prefire Checks
on M14/M114A1 Howitzer
041-061-6136-J Prefire Checks
on M101/M101A1 Howitzer
043-441-5432-F Improved
HAWK: Fire Control Operator,

043-441-5436-F Improved HAWK: Tactical Control Assistant, Part 2 043-441-5440-F Improved HAWK Loading, Unloading: Part 1, Loader Transporter

Operation 043-441-5443-F Improved HAWK Decanning and Assembly, Part 1 201-113-4619-F PM Checks,

201-113-4619-F PM Checks, Services, Troubleshooting for Radio Teletypewriter Set AN/VSC-2 231-906-4401-E R-390A/URR Radio Receiver, Calibration, Operation, HF Signal Identif 412-061-7904-A M2 Aiming

Circle 610-091-6060-F Test Generator Output, 25-Amp Charging System, Tactical Vehicles 610-091-6062-F Test Voltage Regulator, Current Limiter of 25-Amp Charging System, Tactical Vehicles

610-091-6074-F Adjust Carburetor of Tactical Vehicle with Emission Control 610-091-6082-F Troubleshooting Service Light System 662-051-7605-E Servicing the GED Generator Part IV 662-051-7610-E Operation of the GED Generator Set 941-071-0119-F Cal 50 Machinegum 945-171-0052-F Before Op Checks on M13/M5/7

Whipped?

The latest ESC for the M60A2 tank, TM 92350-232-ESC (Jun 77), is no good. Instead, use
the Oct 72 version. That's the word in
USATARCOM Message DRCPM-M60TD 051915Z
Dec 77. Your command got a copy of the

message.

Pay attention, tho. That message gives a new rating condition for items 11 and 25 for the Oct

M60A2 ESC Flipflop

72 ESC. Item 11—AMBER if only one compressor is operational. RED if both compressors are down.

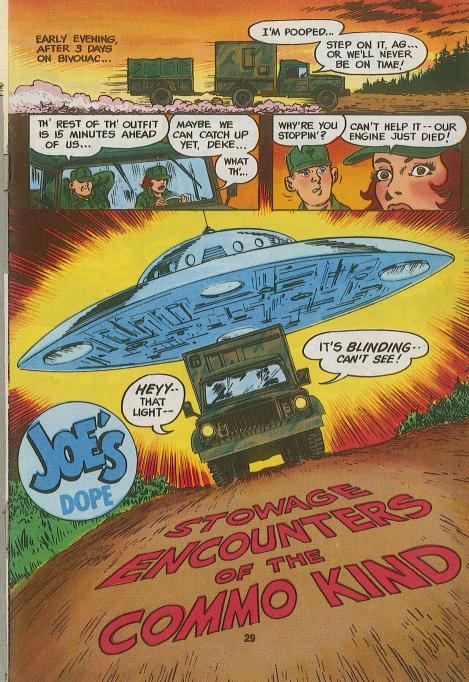
Item 25—Delete the AMBER criterion. RED if either the conventional or the missile 152-MM main weapon is out of action.

Trying to find good stock numbers for the whip antenna sections that go with your AN/GRC-106 radio set? Use these:

MS-116A 5985-00-199-8831 MS-117A 5985-00-115-7149 MS-118A 5985-00-238-7474

Shelter Jie-Downs

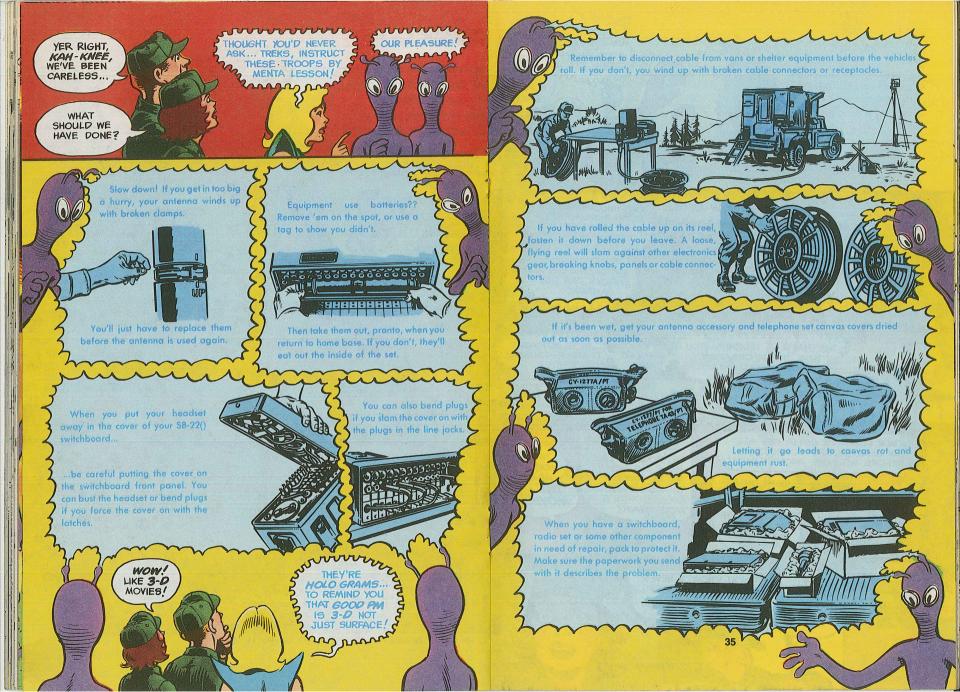
The kit you need to tie down those S-144, S-250 and S-318 shelters on your M-880-series trucks is on its way, with NSN 5410-01-026-4708. It's not on the AMDF yet. Installation and dunnage info is in SB 11-640 (Feb 78).







IF YOU WANT TO DISPLAY THIS CENTERPIECE ON YOUR BULLETIN BOARD, OPEN STAPLES, LIFT IT OUT AND PIN IT UP.





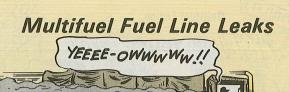


engines can crack—even break off while the engine's running.



Take a look at the fan blades on your TM -209-series, 21/2-ton or TM-211series, 5-ton multifuel powered trucks. The good fan's listed in TM 9-2320-209-20P (Oct 76), page 115 and in TM 9-2320-211-20P (May 73), page 2-55.

There's no problem with the fan on the other multifuel fleet—the M656, M757 and M791 5-tonners with the LDS 465-2 engine.





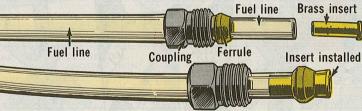
HARRY PUT OFF FIXIN' THAT FUEL LEAK TOO LONG! A leaking plastic fuel line on your multifuel 2½- or 5-ton truck is no joke. It

makes for a messy engine compartment—maybe even a fire. Your mech tightens the fuel line nut but the leak only gets worse.

That's because the metal ferrules used with the inverted tube coupling nuts cut thru the plastic line. Then, the more the nut is tightened, the more the ferrule cuts into the tube and the more the line leaks.

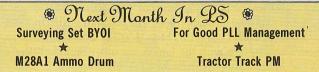
Here's how to fix it.

Install brass inserts in each end of the plastic line before putting on a new nut. This prevents the ferrule from cutting the tube. The inserts can be used



with the tube coupling nuts listed in your parts manuals.

They come in 2 sizes—1/4-inch, NSN 4730-01-041-5271, and 3/8-inch, NSN 4730-01-041-3822. Coming change to the 2½ and 5-ton on -20P TM's will list these NSN's.





Does the air-hydraulic brake cylinder on your 21/2-ton truck get regular lubing? THEN BUT

NOW DIDN'T! ONCE IT DID!

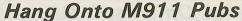
DOES!

The latest word is in TB 43-0001-39-1 (Apr 77), page 19, Article 2-13. This changes the poop in LO 9-2320-209-12/1 (Sep 76) for the multifuel deuce-and-a-halfs. Natch, the same goes for the gas jobs covered by LO 9-2320-209-12 (Oct 71), since they've got the same cylinder:

"At time of servicing master brake cylinder (at 1,000-mile intervals), also remove oil fill plug of air brake cylinder assembly and install one ounce of OHT (MIL-H-6083)."



OHT comes under NSN 9150-00-935-9808 (gal).





and M746 22½-ton truck tractors will transporter tractor. be getting pubs for the M911 commercial-design heavy equipment getting the M911, write in your pub transporter (C-HET). That's the way requirements in Block A17, DA Form initial distribution of pubs for the 12-38. That way you'll get the changes M911 tractors is being made. Don't as they're printed.

Dropside Cargo Trucks . . .

Everyone with M123-series 10-ton dump 'em—you may be getting the

When you find out for sure you're

Label Hide-and-Seek 'S EASY!! YOU CAN GET BOY, CAN I USE SOME CAUTION THE NSN'S OUTTA YER 21/2-TON'S LABELS ON MY 5- TONNER! Need those metal side and tailgate. labels for your 5-ton M54A1C, M54A2C or M813A1 dropside cargo truck! Tailgate label - NSN 9905-00-116-5295

CAUTION

Side label - NSN 9905-00-116-5294

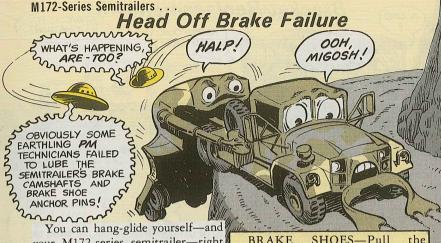
TROOP SEATS, SIDE RACK BRACES, BOWS & SIDE RACKS MUST BE IN STOWED POSITION & SECURED BEFORE LOWERING SIDES

CAUTION

SECURE SIDE PANEL FRONT LOCKS PRIOR TO UNLATCHING TAILGATE

SECURE SIDE RACK BRACES TO FLOOR WHEN TRANSPORTING TROOPS

They're in TM 9-2320-209-20P for your 2½-ton M35A2C dropside truck.

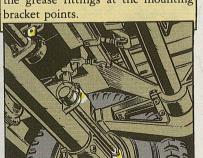


your M172-series semitrailer-right over a cliff if you forget to lube the brake camshafts and the brake shoe anchor pins.

The shafts and pins need greasing at least twice a year to keep the semitrailer's brakes from failing.

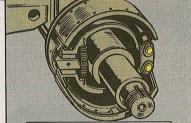
If you forget, the anchor pins will seize the brake shoes, and the brackets will seize the camshaft.

CAMSHAFT—Look to the lube chart on page 3-3 of TM 9-2330-211-14 (Oct 69). Lube the shaft through the grease fittings at the mounting



Hit these lube points . .

SHOES-Pull BRAKE bearings and brake drum. Loosen up the shoes and grease the anchor pins. Go easy on the grease, though—keep it off the linings.



. . . and these anchor pins

Between lubes, you can make sure the brakes are A-OK with the trailer hooked to the tractor. Get a buddy to take notes while you apply the trailer brakes and try to move out.

If the trailer's wheels stay locked, everything's super.

If the trailer's wheels jerk and turn. you're headed for trouble. Get your brakes repaired.



The brackets that hold the fuel/water can on your TM-242-series 11/4-ton truck's left fender frequently break . . . 'specially when the Goat's engine cover slams shut on 'em.

Fixing the brackets used to mean a trip to direct support. DS's authorized to rivet a bracket strap.

Now you can fix 'em. Use kit NSN 2510-01-029-7819. It has the parts to replace 4 brackets. Since the straps won't have to be riveted, you'll save a trip to support.

The kit will be added to the parts on page 208, TM 9-2320-242-20P (Mar 77).

Bumper Twins

JUST WOT I NEED!

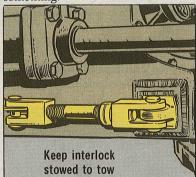
Need a tailgate bumper bracket that mounts 2 rubber bumpers for the Gama Goat? Order one with NSN 5340-01-030-3326. A bracket with 2



bumpers will keep the tailgate from banging the pintle hook. It'll make removal of the pintle hook (PS 290, page 57) for the M792 ambulance unnecessary.



Goer Towing No-No OK, HOP TO IT, YOU GUYS... I WANT THIS DISCUSS PAGE 2-30 OF THAT JOB DONE RIGHT... BY TH' BOOK! BOOK! Never use that intervehicle lock when towing your Goer. You can bust rigid unit can break the lock bracket. something!



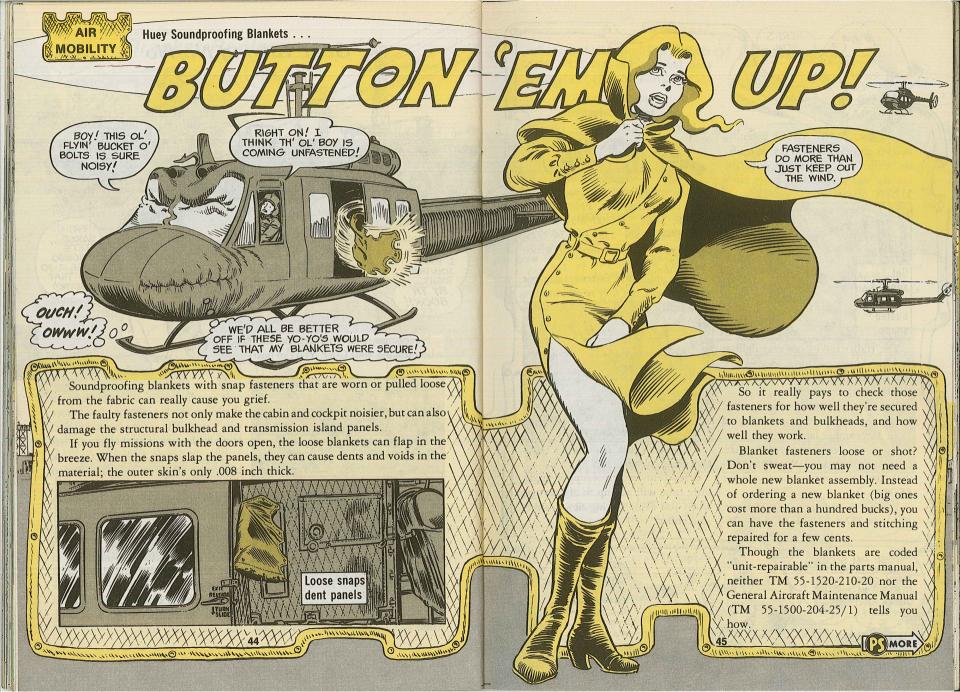
Never mind what it says on page 2-30 of TM 9-2320-233-10 (Jun 76). That's wrong.

If you engage the intervehicle lock when you lift and tow, turning that weld.

If you use the tow bar and engage the intervehicle lock, the towed Goer won't turn. The front wheels will skid to make the turn. And skidding all that weight is bound to break the lock bracket welds. Then your Goer has to go to DS for repair.

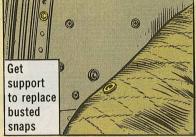
The intervehicle lock is supposed to be used only for lifting the Goer for placement on a flatcar or ship.

TM 9-2320-233-10 (Jun 76), pages 2-29 thru 2-32, shows both ways to tow: With a tow bar and all 4 wheels on the ground; and with lift and tow with 2 wheels rolling. Everything in there is OK except the bit about using the intervehicle lock.



HOW .. Your friendly

neighborhood DS or GS textile trailer shop can put new snaps onto the blanket with an attaching press, NSN 5120-00-880-0619.



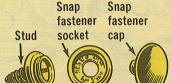
The trailer tailors can also tighten up any loose stitching around the blankets by matching the thread and stitch.

You can cannibalize unserviceable blankets for edge reinforcing coated cloth and blanket fabric.

ordering bulk material, NSN 5640-00-269-1048. You get a square yard for \$5.90.

PN AN-227-6 (NSN 5325-00-276- assemblies.

4953) at \$1.70 a hundred; and socket, snap fastener, PN AN-227-7, NSN 5325-00-276-4946, at \$1.35 a hundred.



How are your bird's studs? If you need new ones, use PN AN-227-26BM8, NSN 5325-00-985-6488, or AN-227-8, NSN 5325-00-174-2923. Check your parts manual for which kind goes where.

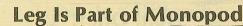
If the studs and fasteners are not worn or bent, but they're still hard to



You can get new blanket material by work, you can ease 'em up a bit. Use a shot of spray lubricant.

A few cents' worth of supplies and a little time will add up to big savings For parts, use cap, snap fastener, when you avoid buying new blanket







Dear SSG R.H.,

You are, Sarge. That tube is really a monopod, part of the engine mount. If any part of the engine mount (monopod, bipod or tripod) is changed, or the shim stack-up for any one of 'em is disturbed, you gotta make that drive shaft alinement check.

Thanks for payin' attention to the function—not just the nomenclature.





Dear Windy.

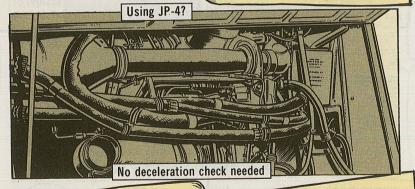
In my opinion too many T-63 engine fuel controls on our OH-58A's are being changed when they shouldn't

For example, when deceleration time is less than that called for in Table

5-1 of TM 55-2840-231-24 (Mar 72), my buddy says the control must be changed. There are no problems in starting and running the engine, so I disagree with him.

SP6 R.O.W.

Who's right, Windy?



HANKS, WINDY

Dear Specialist R.O.W.,

The problem is that Table 5-1 You both are! applies when you use alternate fuel only. The headshed is in the process of updating para 5-11 of the engine pub. A note will be added saying the deceleration check is required only

when using alternate fuels.

Your buddy also has a point. The book says you have to meet coast down time limits or replace the fuel control—when you're not using JP-4.



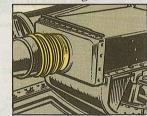
similarity ends. Using the wrong part .. on take-off, no less! can ruin your whole day.

8F engine. The wrong hose was

Use

right

hose



One aircraft part may look exactly installed. At full throttle the hose like another but that's where the collapsed, resulting in a loss of power.

> After engine shutdown the hose Take the air induction hose on a U- returned to its original shape so it took some time to "figure" the problem.

A closer look and a hands-on check indicated a heater hose was installed instead of a wire reinforced air induction hose.

'Course, TM 55-1510-201-20P (Dec 76), Fig 104, item 18, shows the right hose as NSN 4720-00-799-8704. Accept no substitute.

Big O-Ring Needed

When you Cobra snake charmers replace the transmission external oil filter element on a Periodic inspection, you need a new O-ring that fits inside the housing. It's not listed in the parts pub, so ask for Packing, preformed, NSN 5330-01-018-6498, at \$7.75 each.

Need a Belt?

When you go for a passenger safety belt replacement on your Huey, ask for NSN 1680-00-447-9504. Another belt, NSN 1680-00-787-4299, will also fit but it's for use only on the litter configuration. Supplies of that belt are getting mighty low!



For Your Passengers

WHY DON'T YA PASS OUT THESE EAR PLUGS?

EAR PLUGS?... T THOUGHT THEY WERE CIGARETTE FILTERS ...

powered birds deserve the same protection air types get from permanent type ear plugs.



So, temporary ear plugs are the answer.

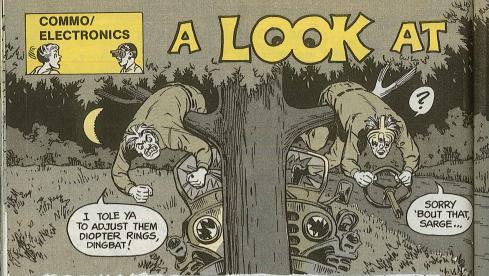
small, sponge-like cylinders between the fingers and insert them into each

Passengers transported in turbine- ear. Held in place a minute, the plugs expand to keep out harmful engine noise.



No "Ops" room should be without Ear Plug, hearing protector. NSN 6515-00-137-6345 will get you a box of Passengers simply compress the 200 pairs for \$17.26. They're authorized in Appendix A. CTA 50-970, on expendable items.

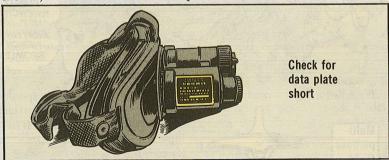




Your AN/PAS-5 electronic binocular will give you trouble-free night driving vision . . . if you use it like TM 11-5855-210-12 tells you and follow a few basic PM tips.

First, to keep from bashing trees, adjust each diopter ring until you have sharp focus. If one lens is out of focus, or both are slightly out of focus, you can get disoriented . . . even sick at your stomach.

If the lens is fuzzy, focus it . . . even if you have to do each eye separately. Power leaks can cause a short at the data plate, which might cause you to drop the binocular when you pick it up. Give the data plate a quick touch. If it's shorted, turn the binocular in for repair.

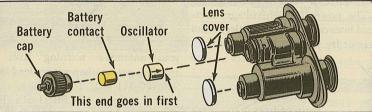


If you need it, short or no, just don't grab the data plate.

When the binocular's not in use, remove the BA-1312/U battery. Saves corrosion damage.

THE AN/PAS-5

You don't have to remove the oscillator (the fatter one) for storage However, when you do remove the oscillator, be sure the arrowhead on it goes



in the binocular first. The battery goes in after the oscillator, with the contact end against the oscillator.

Don't touch the contact end of the oscillator (arrowhead). It'll shock you. Finally, when you take off the objective lens covers, put 'em where you can find 'em. They're the best insurance your lenses have.

Hock Cap Coming Up

Dear Half-Mast,
Many of our CX-7453A power
cables have broken or missing caps for
the U-237/G electrical connector plug
assembly. We have to order the entire
hock to get a cap. This wastes money.
Is there a way to get the cap
separately?

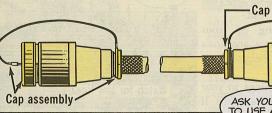
LT R.A.J.

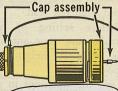
HAH! YER CRACKED! THOSE THAT LIVE IN GLASS HOUSES, ETC...



Dear LT R.A.J.,

You can get it with an 8-in retaining wire using part number SCC162382GR-PI FSCM 80063, or with an 18-in retaining wire using part number SCC162382GRPII FSCM 80063.

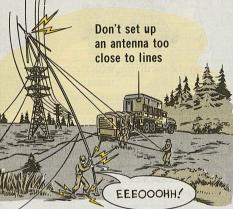




ASK YOUR SUPPORT TO USE RIC B16!

Keep Antenna Out of High Lines

The power in high-voltage, overhead lines can burn up your electronics gear or fry you-or both.



Never set up an antenna too close to these lines.

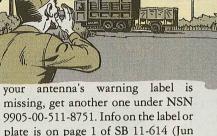
antenna come into contact with power lines.

Save your equipment . . . and yourself ... from a shocking jolt by following safety precautions.

You can start by eyeing the peoplegear precautions in TB Sig 291 (Jun 56) and heed what you read.

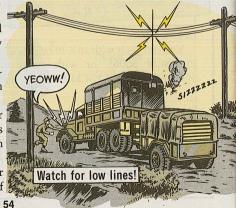
Then, before setting up your antenna, make sure your antenna's distance is twice its height from overhead power lines.

Always eye the warnings in your tech manuals and on the antenna. If



If warning abel is missing . . get another one

On vehicle- and shelter-mounted antennas, never raise the antenna when you're under high lines, or step out of your vehicle until you make sure the antenna is clear of any electric lines. Never let the antenna on a Never let your vehicle-mounted moving vehicle hit a low electric line.



MK-1069 Items Given

Dear Half-Mast.

It would be a real money-saver if we could get replacement items for the MK-1069/GRC-103 mast accessory kit. Can you give us the NSN's?

SSG G.W.V.

Dear Sergeant G.W.V.,

Only the guy attachment ring assembly has an NSN, 4030-00-155-8507. However, you can request the other items by using these FSCM numbers:



TA-312/PT Designation Plate . . .

You Gotta Do It Yourself

You won't get a new designation plate for your TA-312/PT telephones with the information on page 51 of PS



NSN 9905-00-226-1742 is right, but the Acquisition Advice Code material to do it locally.



(AAC) is F, which means you fabricate.

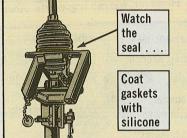
Only if you can't come up with the makin's do you go in with the NSN. Then, use advice code 2A on your request. This shows you don't have the

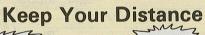


It doesn't take a river to short out vour RC-292 antenna group. Just a little condensation in the MP-68 insulator bowl will do the trick.

You'd probably replace that insulator if you saw a bad crack. But a poor moisture seal that lets water in is just as bad.

To keep water out, remove the bowl once in a while and wipe it dry. Then, apply a coat of silicone compound to moisture guard comes in an 8-oz tube both sides of your rubber gaskets. This under NSN 6850-00-880-7616.

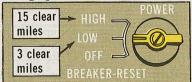




CLEAR AT William Market Market

When you're making PM checks on your AN/VRC-12 series radio set, put some distance between you and your testing station.

Make sure that distance is 3 clear miles on low power and 15 clear miles on high power.

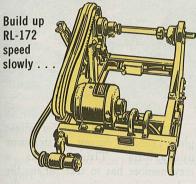


This is the only way you can know that your set will do what it's supposed to do. Power, sensitivity and frequency accuracy must be good to talk these distances.

If you can't talk over these distances, better start troubleshooting the radio set . . . or turn it in.

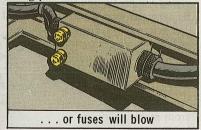
RL-172 Reel **Drive Within Speed Limit** EXCEEDIN' TH' SPEED

That RL-172() motor-driven cablereeling machine can let out a lot of line o if you let it . . . and, take it up, too.



So, build up the reel's rotating speed gradually when you're letting out or taking up wire.

If you throw your reel into a dragstrip kind of speed you'll knock those 20-amp slo-blow fuses for a loop and bring your reel to a standstill.



Always make sure the crank handle is snugged into the control and crank arm when it's not needed. A wagging



handle can get damaged or broken or it may become a club that can clobber an unwary person.

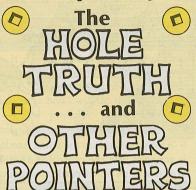
While you're eyeing your reel, look over those insulator sleeves or covers



for the power cable. If they're damaged or missing, get them replaced. Without these covers you can wind up with a short or shock.



Mobile Floating Assault Bridge



A hole in the hull of your MAB is necessary—if it's the right kind of hole and used for the right purpose.

F'rinstance, a hole for draining bilge water overboard is a must if you want to keep your MAB afloat. If you don't transporter to check 'em. pay attention to the plugs, tho, you could find yourself in a water world.

In every MAB operation you must check the drain plugs several times.

First, do it just before your MAB enters the water. Para 2-11b(2) TM 5-5420-210-12 (Jul 73) has the word on this plug PM. It's also spelled out in Table 3-1, Preventive Maintenance Checks and Services.

Then, when you're loading or unloading your bridge/ferry vehicle at the docking site, check the drain plugs-bilges-again.

A note in para 2-13 calls for a drain plug check during waterborne operations. This means a crewmember has to take off his life jacket and go down inside the

HAPPENED?

THEY DISCONNECTED

You check the drain plugs again after every waterborne operation. This's when you open the 10—that's right, 10-drain plugs and pump the bilges dry as possible. When the drying's done, tighten the plugs tight. Be sure the plug threads are free of dirt, grime, burrs. You want 'em clean.

SMUG?

.. nothing on 'em that'll keep the plugs from making a tight seal.

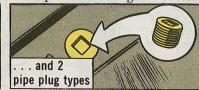
.. AN' IT SUNK LOWER THAN THE OTHER UNITS! JONES, DID YOU CHECK FOR WATER IN THE BILGES? NOW THEY'VE DONE IT WE CAN'T BEACH IT! YEAH -- HOW CAN WE HOOK UP TO IT? THERE'S AT IN EVERY Screw the plugs in straight. A plug put in cockeyed won't keep water out very long!

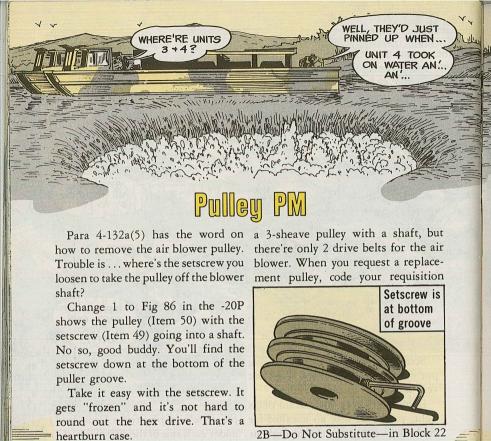
If you don't keep these drain plugs tight, you could take an uncalled-for plugs are pipe plug types. You'll find 1 may be pinned to it.

T-handle types. The other 2 drain hook up to it for towing to the beach.

dunking ... not to mention losing your under each side of the differential. Use MAB and any other transporter that a socket wrench extension on these 2 plugs. Never disconnect any unit from & You'll find 2 drain plugs in the front the raft without first checking it for hatch compartment; 4 in the engine bilge water. If the unit has water in the compartment, and 2 in the rear bilges, it'll sink lower than the other compartment. These 8 drain plugs are units in the raft. You won't be able to







heartburn case.

Forget the pulley picture that's in your -20P manual. The change shows

2B—Do Not Substitute—in Block 22 on DA Form 2765. You want a 2-sheave pulley PN 9740313207E7363.

GOT A 1-SHEAVE PULLEY? GET YOUR GS

TO MAKE A 2-SHEAVER FROM

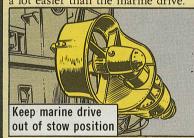
STOCK MATERIAL.

Marine Drive

Here's a word of caution that will save you some downtime. If the outdrive link assembly shear pin fails during water operations, don't put the marine drive in full stow position. Rotate it to any other position—as long as it does not hit the stow lock.



Now you can drive the MAB out of the water without damaging the marine drive if it should hit the ground. You can replace the shear pin a lot easier than the marine drive.



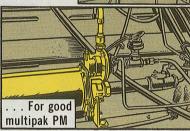
HEY, GOOD THINKING,

CONNIE!

Multipak PM

You can't keep the inside of your brake air-hydraulic power cylinder—Multipak—from corroding. It's operated by compressed air from the air reservoir, and pressured air in your MAB always carries moisture. Malfunction—and replacement—of the multipak is as certain as death 'n' tayes

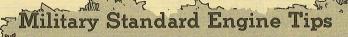
Drain condensation weekly . . .



You can cut down on this corrosion bit—and delay multipak repair/replacement costs—with good PM.

Make doubly sure you drain the condensation from the air reservoir and pressure tank every week. That's the story in Table 4-3—your PMCS. Drain 'em daily and after each operation, or more often if you're having frequent temperature changes.





CAREFUL WITH THE PAINT, SPECIALIST!

Dear Editor.

Here're some maintenance tips on Mil Std Engines you might want to nass along.

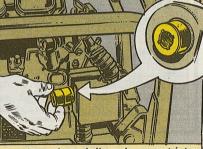
Rusty governor control arm ball joints on 6-, 10- and 20-HP engines knock out the governor's job. The tech manuals say nothing about lubing these ball joints. Stop the rust by letting some OE drip from the dipstick onto the ball joints when you check oil level.



Fresh paint looks good—but it'll clog the pressure release valves on your 1/2 and 3-HP engines and eventually blow some oil seals. So, keep paint off those valves



Also, paint will clog the screen in the air cleaner housing where the restriction indicator screws on. The indicator



won't work, and dirty air can get into the engine. So, unscrew the indicator and scrape off any paint.

> SFC Acy and SFC Petain MAIT, Ft. Stewart, GA

(Ed Note: Thanks for sharing the brain power!)

3-KW Generators . . .

Load Terminal Covers

WE DIDN'T NEED THEM LOAD COVERS,

SO I TOSSED 'EM

OUT, RIGHT?

WRONG.

Dear Half-Mast,

Some of our 3-KW generator sets are missing a load terminal cover. TM 5-6115-271-14 (Aug 76) does not show the cover and the -24P manual does not list an NSN or PN for it.



What's the purpose of the cover? If we need it, what is the NSN or PN?

CWO H.W.

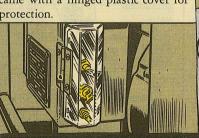
Dear Mr. H.W.,

Some early production models of these sets had the gasoline filler neck too close to the terminals . . . an

Redesign of the set moved the filler neck out of the danger zone and eliminated the cover.



explosion hazard for sure. These sets came with a hinged plastic cover for protection.









Everybody Needs

A Light



TH' FINE PRINT NOW!

HEY -- I CAN READ

That Lantern, gasoline, NSN 6260-00-170-0430 can be a dandy answer out in the boonies to the demand, "Let there be light!."

To keep it in good order, you may need these parts:

NSN 6260-00-

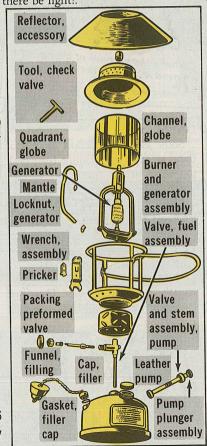
Mantle (6 per box)	270-4060
Parts kit, repair	553-1090

(You get spare generator, filler cap gasket, pump leather, valve stem packing, and pricker)

Pump Plunger Assy	284-0555
Valve & Stem Assy, pump	624-4847
Channel, globe	174-3873
Quadrant, globe (set of 4)	174-3874
Funnel, filling	578-7162
Reflector, accessory	273-9219
Locknut, generator	161-1859
Valve, fuel assy	284-0549
Cap, filler	270-4061
Burner/generator assy	284-0554

NSN 5120-00-**TOOLS**

Tool, check valve	646-7576
Wrench, assembly	288-9687



Connie's Mini Minis

Clean, Man. Clean!

GOT A MAINTENANCE

PROBLEM ...

Want to help prevent the Seminole cockpit from becoming a hot seat? In-flight fires in the engine compartment and main wheel wells have been a problem recently. So keep the engine nacelles free from dirt and fuel and oil spills.

Goer Pump On!

Keep the M553 10-ton wrecker's hydraulic nump engaged at all times. The pump drive gears are getting chewed up from being shifted in and out of gear. Never mind what it says about cold weather disengagement in TM 233-10 (Jun 76), p 2-22. or TARCOM Message DRSTA-WG 211330Z Dec. 77. That's changed, TARCOM Message DRSTA-WG 152030Z Mar 78 has the new word.

M107/M110 Obturator Pad

Obturator pad NSN 1025-00-015-2975 on page 454 of your TM 9-2300-216-20P (Dec 73) is out of the system. Use NSN 1025-01-032-5117.

Files Inspection

Better check your files if you've got an inspection coming up. A new AR 340-2, Maintenance and Disposition of Records in TOE Units of the Active Army and the Army Reserve (Nov 77) changed all the file numbers to match those in the AR 340-18 series.

☆U.S. GOVERNMENT PRINTING OFFICE: 1978 - 757-081/7

Bayonet Scabbards

Hey, troop, if your bayonet's loose in its M8A1 scabbard . . . and the scabbard's not damaged. relax. You're still in business, no matter where vou are.

That note on the M8A1 in PS 303 ... about the scabbard holding the bayonet even upside down ...was strictly for Support types making an overseas preshipment inspection (TB 9-1000-247-34).

PM for Logistics

Looking for some guidance on tightening up your supply and maintenance operations? Eveball DA Circular 700-18 (Oct 77), Preventive Measures for Improved Army Logistical Support. Don't let the title scare you off. That circular gets down to nitty-gritty problem areas at all levels.

M551A1 Sheridan Shenanigans

Some M551A1 Shoridan crewmen have cut into the wiring harness at the loader's dome light to run a wire to a second dome light outside the vehicle for night gunnery. This could get you killed! An unauthorized wiring change can set off stored ammo. In one case the wiring change fired the blaster and a round went off as soon as the breech was closed. So leave the wiring alone!

Would You Stake Your Life night now the Condition of Your Equipment?

