

PUBS ARE THIS ONE VALUABLE IS PRICELESS



DEPARTMENT OF THE ABOVE PAMPHLET

t's got the poop on pubs! ou how to get the

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DA PAM 108-1, Films, GTA Charts. DA PAM 310-9, COMSEC Pubs

Recordings

Transparencies,

DA PAM 310-7, MWO'S DA PAM 310-6, SC's, SM's DA PAM 310-4, TM's, TB's, SB's, LO's

DA PAM 310-3, FM's, TC's, ATP's,

ASubjScd, ATT's, TOE'S, TO'S, TA'S

to keep

current

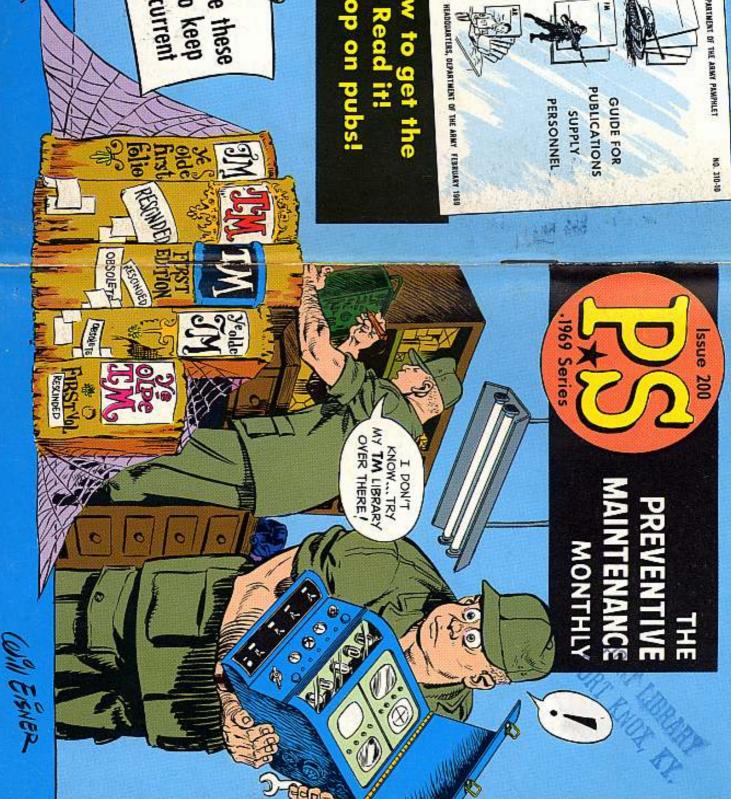
DA PAM 310-2, Blank Forms

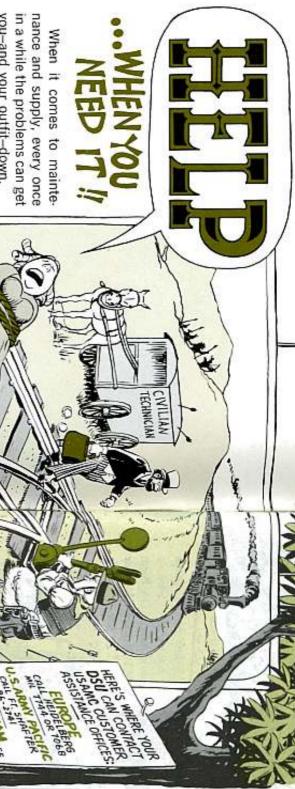
Use these

DA PAM 310-1, AR'S, DA PAM'S,

Circulars, 60's

NOEKES





you-and your outfit-down.

Yell "HELP!" So, what do you do?

call will do it. direct support unit. A phone to get the SOS off to your own CO or your maintenance officer Real loud. Actually, get your

Army Materiel Command equipment technicians or maintenance/supply specialists, or they'll see to it that the word gets to the nearest U.S. management representatives. Either your DS will provide the help you need from among its own

situations. They are specialists on particular kinds of equipment or in maintenance or supply systems and procedures. places around the Army and are available to help units in real tough These civilian technicians and representatives are located at most

enough of the right publications for operating and maintaining your equipment and trained maintenance men. They also can help you get show your unit how to get enough and the right kind of repair parts. and supply policies and procedures, help set up and update PLL and and new equipment. They can help interpret and apply maintenance covering such subjects as supply maintenance, ESC, equipment records "do-it-yourself kit" using "on-the-job" or classroom training techniques. They won't fix your equipment for you, but they will provide you a

Now . . . yell for help. Give the word to your DSU



Issue No. 200 1969 Series THE PREVENTIVE MAINTENANCE MONTHLY IN THIS ISSUE

GENERAL AND SUPPLY

DA Form 2765 SMR Codes Food Container DA Form 2028

FIREPOWER 13-27

M73 MG 13-25 Telescape Posp MSS1 Sheridan

Hand Signals 42.45

CALL NORAT 4333 CALL THIOS

NWD Kits 37

AIR MOBILITY 37-45

H

3174 OR 6392 THAILAND

COMMUNICATIONS 46-47

Soldering Outfit PP-826/U, PP-827/U TV-7 ()/U Tube Tester



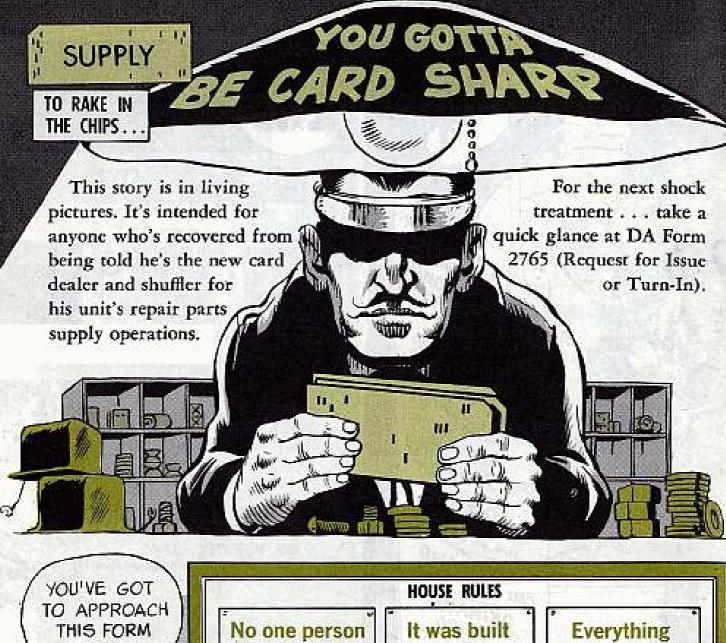
GROUND MOBILITY 48-60 Diesel Care

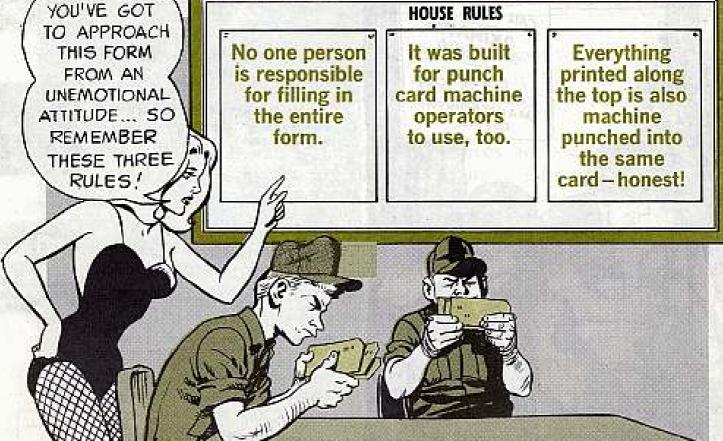


One of Ineds for printing of this publica-tion has been approved by Headquarten, Department of the Army, 26 February 1926 DISTRIBUTION: In accordance with re-quirements submitted on DA Form 12-4.

P.S. Magazine, Garl Knox, Ky Sqt Half-Mast

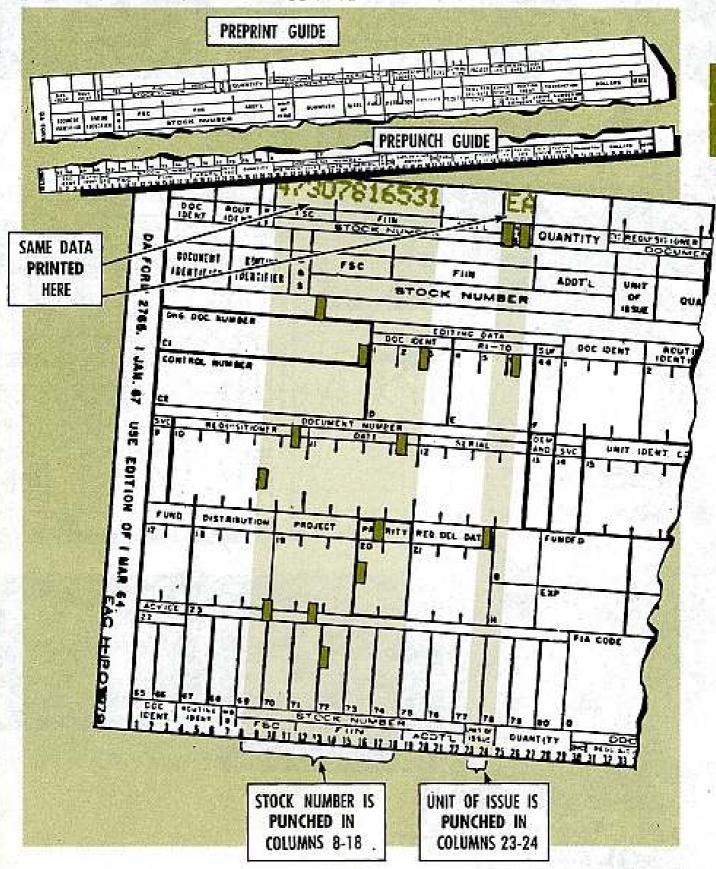
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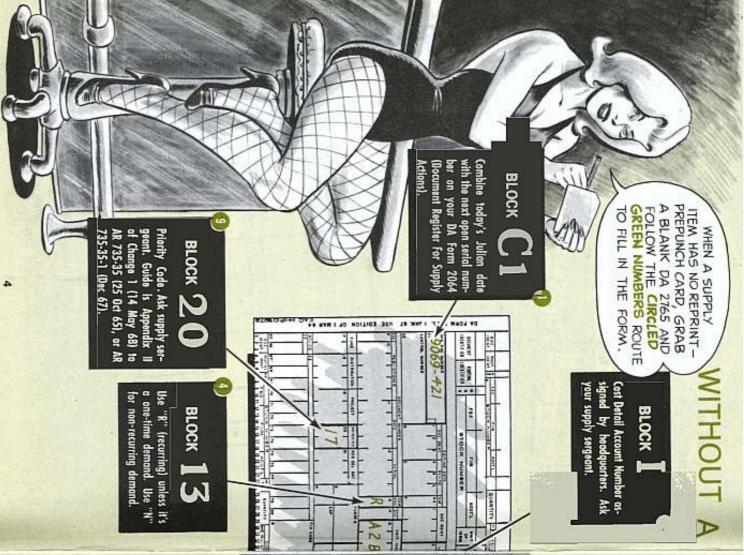


If you'll promise to hold your coffee cup steady and dry your eyes, you might try focusing along the bottom row of the DA Form 2765 card. Notice that the contents of the 80 punch columns is labeled right above the column numbers. This is the prepunch guide for the machine operator so it's no sweat for you.

Along the top are the print spaces and their identifying labels. This is the preprint guide for you—the supply type.







Its wassers,

PREPRINT (PREPUNCH)

BLOCKS 49

check the source in Block O gives you. Try to cross-reference each PN to an FSN when you Part Number (PN) mechanic Federal Stock Number (FSN) or

BLOCK

Unit of Issue is usually each (ea) — except for fluids, bulk materials or small items. (eq) — except for fluids,

TM9-2300-209-20P PG 20 NUT HEX 0065 1 300 6 100 Miles Ser 1988 FOR 730-351 SUE OR TURN-I Juantity mechanic asked for. If prescribed load list (PCC) item, be sure this agrees with authorized quantity level

BLOCK

BLOCK

o see if it's chanic took Name or short description me-JM. Check

REO

PIONE UP

BLOCK 15

your supply sergeant. His guide is AR 18-50 (Jun 67 AR18-50-Unit Identification Code (UIC) assigned by headquarters. Ask 10 Apr 68 Classified

BLOCK

Check pub yourself when posber, date and page number. Mechanic supplies type, num-

BLOCK U

Force Activity Designator (FAD) Urgency-of-Need Designator (UND) determines which Priority Also found in Appendix II to AR 735-35 limited by your unit's assigned (Block 20) you can use . . .

U

WITH A PREPRINT

PREPRINT



		7	017103	260 /	-	911	Man and and and and and and and and and a	-
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4	9			124		1	13	9







with a request including the info for Blocks 4-6... ...L...M ...0.



THE THREE SOURCES

codes for Blocks 13...15 ...l...20 ...P. Supply sergeant tells you



3 — Document Register supplies Block CI number

NORS NOTE



supply) demand means two extra ac- AR 735-35. A NORS (not operationally ready)

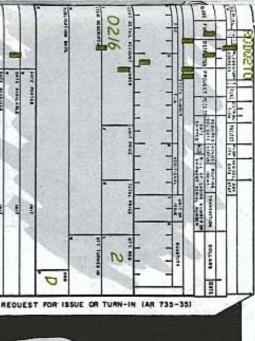
of the supply system without a copy of obvious that you can't operate your end to AR 735-35. PS: By now it should be selected from Appendix V of Change 1 tions: place a "G" in the first space of Block 12 and the correct weapons system code in Block 18. This code is

(PREPUNCH)

SHIPMENTS OF ALL FRINGE ITEMS).

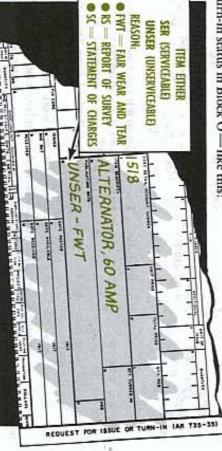
PROVIDED WITH PREPRINTS ARE

VISIBLE FILE STORE 'EM IN

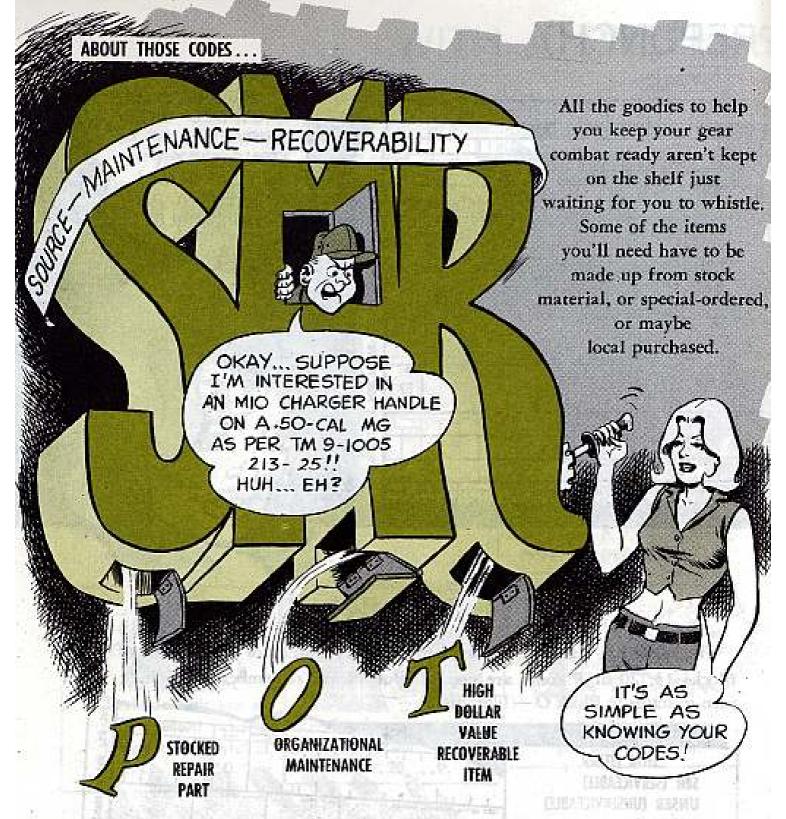


WITH A TURN-IN

turn-in status in Block O-like this: Blocks 13, 20 or P codes are needed. But please remember to include the The quantity, naturally, goes into Block N instead of L and none of the







That's where the SMR codes come in. They combine to tell you how an item's supplied, who can install, assemble or repair it, and if it's recoverable. You might say the codes peg an item's status in the supply and maintenance system to help you, and everyone else concerned, request authorized items from the right supply source.

When you know your codes you can save time, and work and avoid repair parts and maintenance delays. And, you also help the supply system, 'cause you'll not be over-loading it with stray requests, which create unnecessary paperwork, research and back-tracking correspondence.

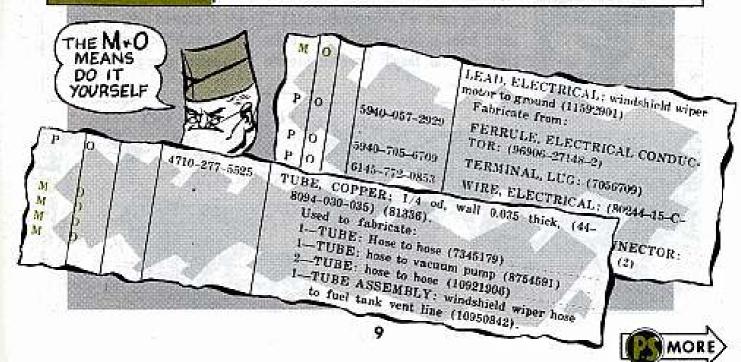
SMR COLUMNS

You'll find the codes listed ahead of just about everything else in a manual. In fact, in the new RP&STL's (Repair Parts and Special Tool Lists), the SMR codes occupy the first column in the listings. The key to the codes is given in a manual's introduction section.

If you ever have any problems with the codes, check with support . . . their supply records are updated regularly, and they've got the latest word on any item's codes.

LET'S LOOK AT HOW THEY WORK ...

CODE	- IDENTIFIES			
	Assemblies which are not stocked as such. They're made up of 2 or more separate FSN'd units in the supply system. The separate units are assembled by the maintenance level authorized by the maintenance code listed alongside the A.			
C	Repair parts OK'd for local purchase (AR 715-30 and local procure- ment SOP). If the items are not available locally, support requisitions them through normal supply channels.			
G	Major assemblies procured for initial issue only by DX activities. The assemblies are not stocked above GS level.			
M	Repair parts that are to be manufactured at the maintenance level called out by the maintenance code shown for the item.			

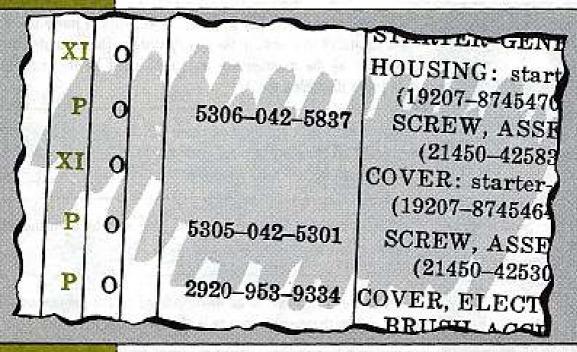


Items that are stocked in the supply system. And, they're available from supply support through routine supply channels.

If you find the P Source code coupled with a number (P2, P9 or P10, for example) in the source column, don't puzzle about the number, it's for support's info. All that's of interest to you is that it's a P item — so it takes a routine request.

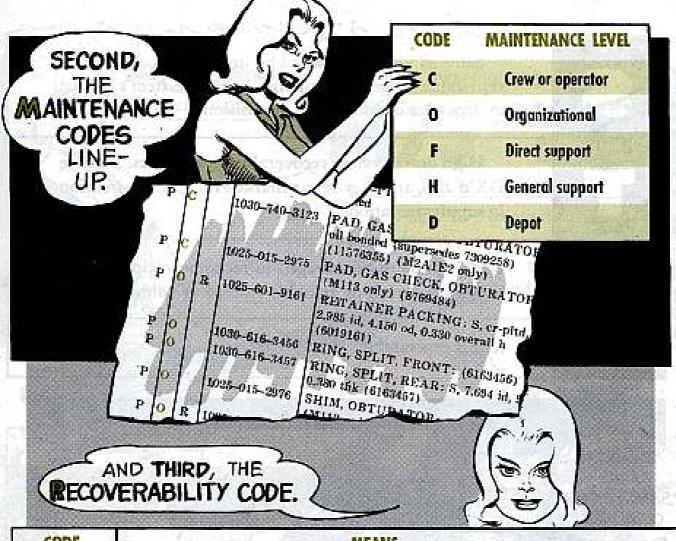
Items that are not in the supply system. The code calls out items that are supposed to last the life of the major item. When an X item goes . . . it's time to retire the major end item.

Repair parts that are not available by themselves. You need the next higher assembly. The assembly is installed by the level of maintenance listed with the source code.



Repair parts to be cannibalized (AR 750-50). If support can't get the parts from a Can point, they'll order 'em through normal supply channels, but they'll have to provide justification along with the requisition.



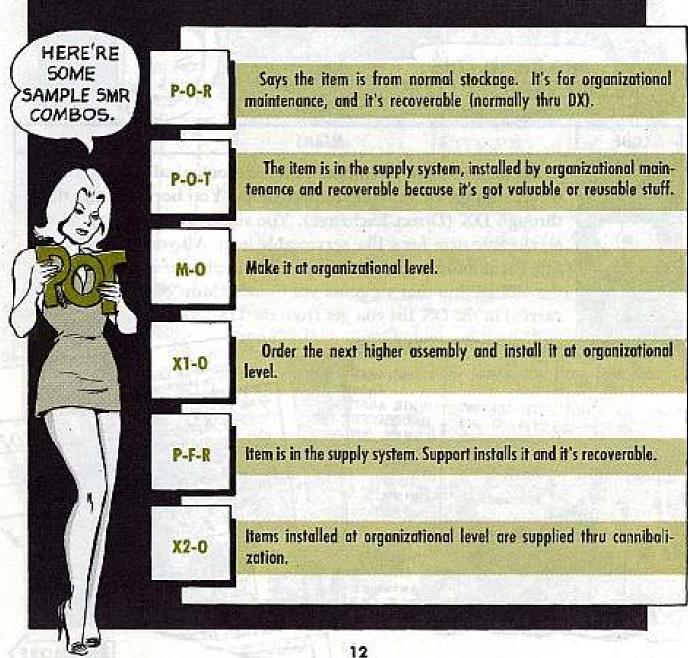


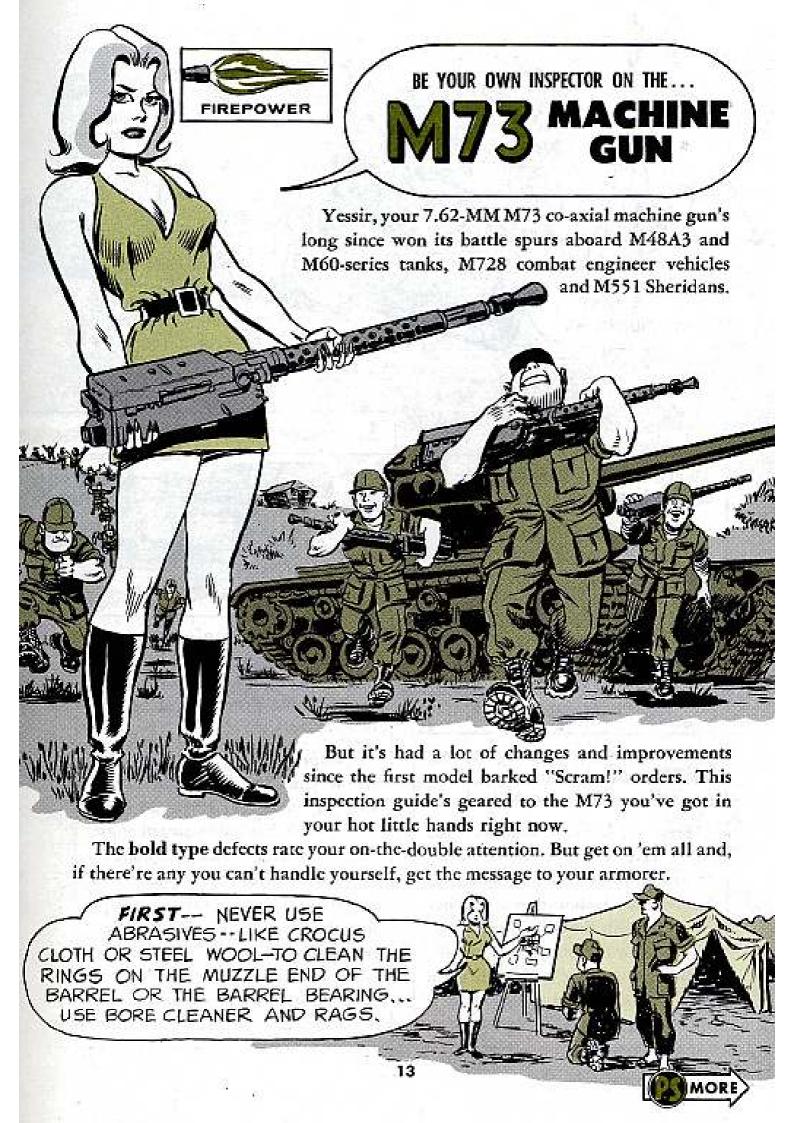
CODE MEANS

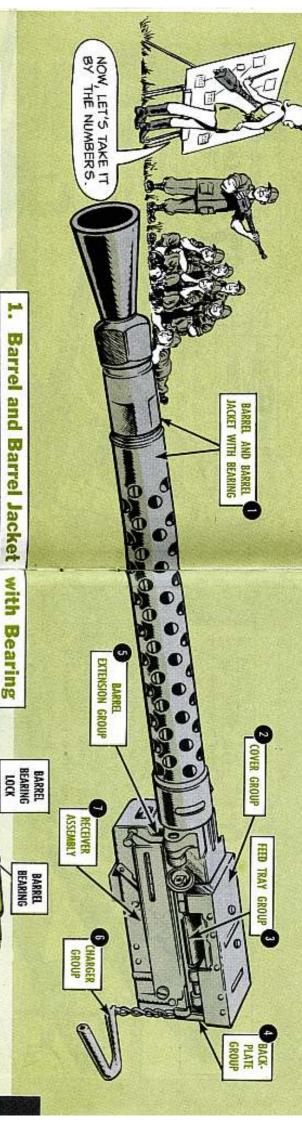
Repair parts and assemblies that are economically repairable at direct support or general support shops. You normally get them through DX (Direct Exchange). You simply swap support an unserviceable item for a like serviceable item. All you do is fill out a DA Form 2402, attach it to the unserviceable item and take it to the DX section that supports your outfit. Most of these items are carried in the DX list you get from the DX section.

				2201 CAN	EXCHANGE TAG (3N 34-750)
	ARE .	為是	America	Ambu	- CPRONCE
	0	WAY.	2510-789-0067	DOOR ASSE	7 MAINT BN POATE
A	ŏ		2510-789-0068	DOOR ASSE	2. UNIT OR OUT BAY
	ŏ	R	2540-999-8862	COVER, FIT	CO 0, 821 57 THE 920
	O	R	2540-678-3083	CURTAIN, V (19207).	E340-678-2000
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	0	R	2540-678-3082	CURTAIN, (19207).	EXHIDA
P	0	R	2540-999-8864	CURTAIN, V (11598910) Ambulance C	END TRK AMP
P	0		5306-721-5944	BOLT, CARR zn-pltd 5/1	TRK, AMB TRK, AMB DENT DA FORM 2402, 1 JAN
1	-	-		11	TI. UNIT

S	Same as "R". But, when an item's not economically repairable at general support level, the item's passed to depot for checking and disposition.		
	High dollar value, recoverable repair parts. They're DX'd also, and they're ear-marked for special attention in supply operations.		
U	Repair parts to be salvaged to reclaim precious metal, critical materials or reusable casings or containers.		
NONE	Item's expendable.		







BARREL JACKET — Bent, cracked, dented, loose in mounting block.

the mantlet tube. You can check this easy while you're boresight-ing. freely. You want to make sure the by keeping the barrel from moving enough, it can cause faulty recoil barrel jacket won't bind against If the bend or dent is big

won't keep barrel from rotating; spring pin damaged, missing, won't hold. BARREL LOCATOR — Missing, busted,

engaged with the barrel locator. be installed upside down and not cator that'll let the barrel assembly M73 have a spring-activated lo-First production models of the

spring pin to hold it in place. one way only and you slip in a new locators. The new ones fit in You can't mistake this on the

groove of the receiver must be free of burrs.) of the block that engages the recessed MOUNTING BLOCK — Cracked, broken; retaining lugs damaged. (The bottom lip

can use either of them you've got. You can't swap off. You connector ring. But go with what position without pulling the dising the receiver to the installed on its mounting block, but none of swering to FSN 1005-924-1773 throw you. The barrel jacket anfeature. This angle aids in returnthe other barrel jackets have this (11013400) has a downward angle 'Nother thing: Don't let this

5

V-E-R-FUNNY

cracked; bore badly pitted, loaded with ber dirty, rusty, powder-fouled; locator slot rusty, dirty. carbon (remember, the outside finish must be dark and have no shine); cham-BARREL ASSEMBLY — Barrel bulged

chamber end. Look for pits, take the expansion ring at the end scratches and such-like throughout of the stellite liner for a defect. your eyeballs to the bore, don't mis-This ring's about 8 inches from the Catch this tip: When you glue

BARREL BEARING - Cracked burred, rusty. threads at either end damaged,

FUNGUS? 255 FUNGUS

changes from FSN 1005-679-6763 stalled the M73's stock number to FSN 1005-869-8816. (FSN 1005-689-9939) and new bar rel bearing lock (FSN 1005-689-9941). With these new parts in now have the new barrel bearing All M73 machine guns should

BARREL BEARING aged, missing, not staked LOCK — Dam-

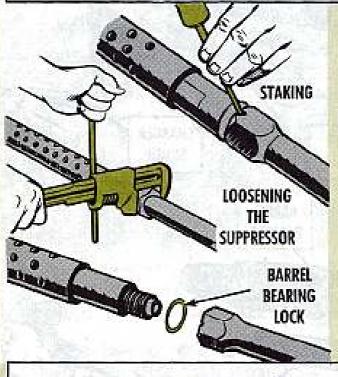
15



4



FLASH SUPPRESSOR — Forks or body cracked, busted, badly carboned; inside threads burred, dirty; lock not staked.



The flash hider (FSN 1005-922-9777) and flash suppressor (FSN 1005-869-8817) come under the heading of "tools" to go along with your vehicle BII. It's a good idea to eyeball each while it's mounted on the barrel jacket and again when you remove it for cleaning. The flash hider's installed with a barrel bearing lock, same as the suppressor and they're staked to hold 'em in place. Both flash attachments are installed by using your adjusting wrench (FSN 5120-264-3793) to get them tight.



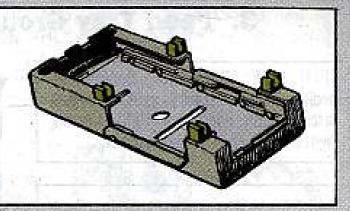
FLASH HIDER — Cracked, sharp edges, corroded, loaded with carbon; inside threads burred, dirty; lock not staked.

The carbon scraper's been deleted from the tool list and not replaced.



COVER ASSEMBLY — Retainer bracket welds busted; cover loose, rivets loose; cover latches bent, broken; feed cam locator spring busted, deformed.

Keep an eye peeled for cracks in the 4 retainer bracket welds. If any crack's over 1/8 inch long, get yourself a new cover.



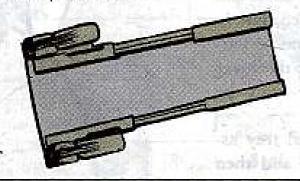
FEED SLIDE ASSEMBLY — Spring weak,

worn, broken, lacks tension; feed pawl

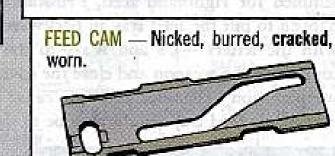
broken, worn; roller cracked, busted;

retaining ring split, missing.

FEED TRACK ASSEMBLY — Pitted, cracked, edges rough; retaining pawls and track worn, broken; springs weak, kinked, busted.



FEED SUPPORT ASSEMBLY — Bent, deformed, won't fit in cover group; edges burred, worn; cartridge stripper and cartridge depressor worn, cracked, won't work right; pins worn, bent, busted, interfere with feed cam during operation; retainer tab broken, missing.



SORRY
ABOUT THAT!

BURR ONTO
SOME THREADS
CAN RUIN
THE WORKS.

3. Feed Tray Group

4. Back

Assembly

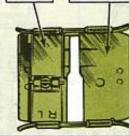
ON THESE COMPONENTS ... YOU'RE

IF ANYTHING GOES GAFLOOEY

APART ... SO CALL YOUR ARMORER.

FEED TRAY ASSEMBLY — Spot welds broken, loose; tracks split, cracked; latches split open, too tight, burred; rivets worn, bent, loose, missing.

CARTRIDGE STOP ASSEMBLY — Bent out of line, worn, cracked, broken.



WATCH YOUR L'S AND R'S

The M73 in the M60-series and M48A3 tanks and M551 Sheridans remember, is lefthand fed, but in the M728 CEV it could be either righthand or lefthand fed. So doublecheck that all parts of the cover and feed tray assembly are put together with the same letters lined up right.

Here's something: If you have the feed tray assembled for righthand feed, f'rinstance, and then happen to put the feed tray in backwards (meaning with the letters—L's and R's—to the rear), you could load the weapon and close the cover, BUT the weapon won't chamber and fire 'cause the w-i-d-e part of the feed tray would then be to the rear.

So brand this on your brain: The wide part of the feed tray slot — just like the letters — must always be toward the muz-zle end of the machine gun.



DRIVING SPRING GUIDE RODS — Rods bent; retaining pins missing, loose, bent, burred.

SPRINGS — Kinked, weak, sho broken. (Both springs should be about the same length — and at least 8

The guide grooves shouldn't be bent 'cause they have to fit snugly.

ACCONTRACTOR OF THE PROPERTY OF THE PARTY OF

inches long.)

TRIGGER SPRINGS — Broken, weak (don't have

Cracked, loose.

enough force to return trigger and trigger sear to original position).

SOLENOID LEVER PIN Not staked at both ends.

TRIGGER SEAR — Broken,

TRIGGER SAFETY — Worn, cracked, broken.

burred, worn.

TRIGGER — Bent, broken, worn (should be no up or down movement of the

The safety, when positioned in safe (S) blocks the trigger so that the weapon cannot be functioned accidentally.

Bent,

cracked, broken.

(Releasing the sear from the barrel extension). If it won't do this, get a new safety.

TRIGGER PIVOT PIN — No flared at both ends.

SOLENOID

YOKE?

cracked.

SOLENOID YOKE - Bent,

Here's a Don't-Do-ItYourself tip: If you find
any loose nuts around
the back plate, call in
your armorer! For solenoid adjustment call DS.





either direction.

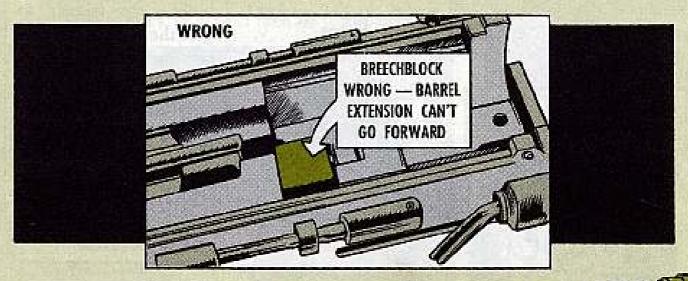


Now hear this: All M73's should the bottom rail on the right side of the now have the barrel extension assembly receiver. If the breechblock's not enthat comes under FSN 1005-937-8256 gaged to the receiver rail, the barrel ex-(11013360). If you have one with a dif-tension won't go all the way forward ferent stock number, get it switched. like it should. So, watch for this com-

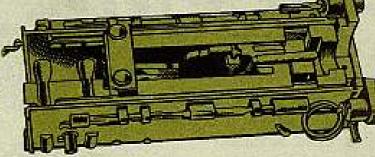
and shaped-up.

groove of the breechblock must engage and so hard to correct later on.

Keep a sharp eye on the little things mon error in installing. When installin this area - little springs and pins, ing the barrel extension group into the especially. Make sure they're all present receiver, the breechblock must be flush with the right side of the barrel exten-A couple of other thoughts: The sion. The mistake's so easy to make . . .



Keep this in mind: The barrel extension must be forward when you install the jacket assembly with the barrel to the receiver. If it's not forward, the barrel just won't engage the barrel extension!



HAMMER ASSEMBLY -

Parts worn, cracked, broken, missing. (The retaining pin screw could vibrate right out of there, so watch it!

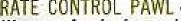
TRIGGER SEAR NOTCHES ON BARREL EXTENSION -Worn, rounded off.

LEVER ASSEMBLY — Pins missing, loose; worn, cracked, busted; rollers tight. binding.

HAMMER LINK AS-SEMBLY-Pins loose.

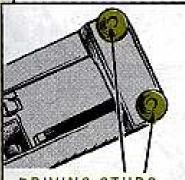
RATE CONTROL PAWL -

Worn; spring broken, missing (if the spring's missing, you can't depend on your weapon firing all the time).



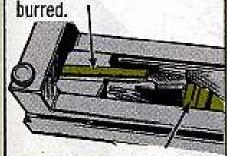
BARREL EXTENSION

- Broken, deformed, cracked, badly worn.



DRIVING STUDS -Broken, cracked, won't work; spring missing, broken.

RAMMER - Broken, bent,



EXTRACTOR — Lip broken, worn, burred; spring weak.

SEAR SPRING -

Won't work (should return sear to forward position).



HAMMER SEAR Broken, worn.



HAMMER SEAR SCREW Not staked, loose (this must be staked!)

HAMMER SPRING AND PLUNGER-Spring missing, plunger broken, split.

GRIPS — Broken, cracked. WOFIL.

BUFFER NOTCHES -Broken, cracked, won't work.

CARTRIDGE CARRIER —

Excessive binding; extractor camming projections broken, burred, badly worn.

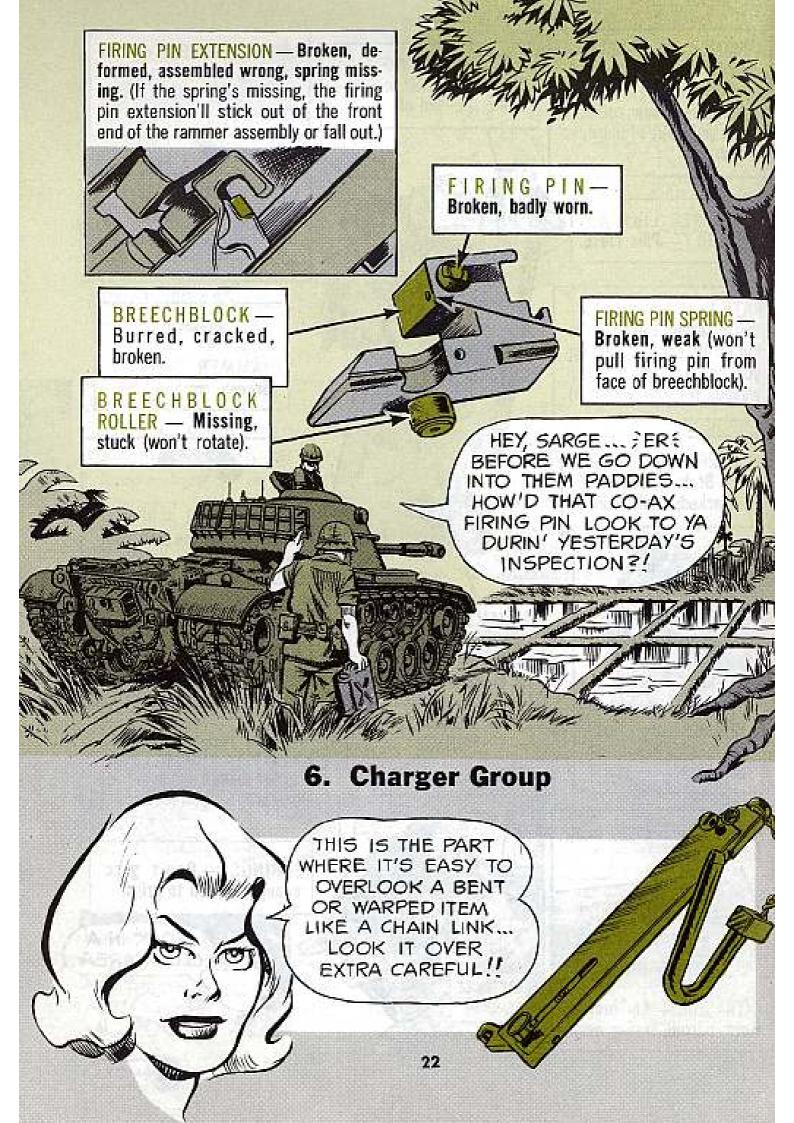
SPRINGS - Don't give enough tension to grips.







CARTRIDGE CARRIER

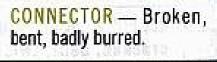


RETAINING LUG — Broken, bent out of shape.

CHARGER ASSEMBLY ---

Doesn't fit right to receiver assembly; chain twisted (could hold recoiling parts out of battery); chain spring action weak.

HANDLE — Busted, cracked, bent.



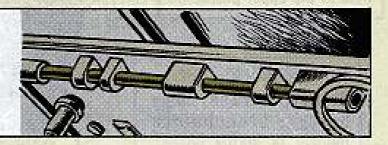
HOUSING ASSEMBLY -

Cracked, dented, distorted, threads stripped (check for smooth operation).

RETAINING RING — Missing, cracked, bent, spread. (If it's not OK, you could lose the charger assembly.)

7. Receiver Assembly

COVER LATCH RODS — Cracks in bracket weld over 1/4 inch long; rods broken, bent; cover latch rod springs weak (they're coiled and you can't see 'em); flat, leaf-type spring bent, busted.



You gotta be real careful not to damage the cover latches. Keep the rods forward when opening or removing the cover from the gun. These rods should automatically latch the cover when it's closed.



E-A-S-Y!
YOU'LL BANG UP THE
LATCHES IF YOU KEEP
SLAMMING THE COVER
WHILE THE RODS
ARE TO THE REAR.



RECEIVER BODY — Body cracked, bent, twisted, dented, busted; cracks in rail weld more than 1/8 inch long.

RATE CONTROL GUIDE — Missing, loose.

DISCONNECTOR PULL RINGS — Broken, bent, missing, weak.

RATE CONTROL SLIDE — Broken, binds; spring weak, broken; retaining screws not staked.

A BIG CAUSE OF BENT

BUFFER SUPPORT LEVER

 Bent, no spring action (if there's no spring action, the buffer support won't be held in the upper position).

AND WORN PARTS IS JUST PLAIN DIRTY LUBE... AND LACK OF P. M.!

BREECHBLOCK CAM -

Broken, cracked, badly burred; breechblock plunger or spring busted, missing.

EJECTOR - Loose.

CHARGER MOUNTING STUDS — Busted, bent; retaining lug groove worn, burred.

BUFFER PIVOT PIN -

Broken, bent, worn, badly burred.

BUFFER ASSEMBLY -

Hooks broken, badly burred, won't catch on lugs of barrel extension. (If it needs adjusting, yell for support!)

BREECH ROLLER CAM -

Broken, cracked, badly burred, worn, loose.



Barrel Extension Assembly FSN 1005-937-8256

Breechblock Assembly FSN 1005-921-6317

Driving Springs (2) FSN 1005-856-7995

Retaining Rings (3) FSN 5340-209-6975

Barrel Assembly FSN 1005-972-0196

CHECK WHAT YOU HAVE WITH THE WEAPON'S

BILL.

TOOLS — Missing, broken, wrong ones.

Cleaning Rod Case FSN 1005-550-6573

Cleaning Rod Sections (5) FSN 1005-726-6109

Swab Holder Section FSN 1005-726-6110

Combination Tool FSN 1005-733-4759

Receiver Brush FSN 1005-650-4508

Repair Parts Box FSN 1005-714-5250

Chamber Brush FSN 1005-690-3115

Flash Hider FSN 1005-922-9777

or

Flash Suppressor FSN 1005-869-8817 Bore Brush(4) FSN 1005-556-4174

FSN 9150-889-3522

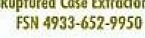
Ruptured Case Extractor FSN 4933-652-9950

Cleaning Rod Buffer FSN 1005-694-1662

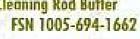
Punch, Drive Pin FSN 5120-242-5966

Adjusting Wrench FSN 5120-264-3793











PUBLICATIONS - Gathering dust. Depending on what vehicle you're riding these are the pubs you should have:

TM 9-1005-233-25 (May 67).

M60-series tanks - TM 9-2350-215-10 (Feb 65) w/Changes, TM 9-2350-215-20 (Feb 65) w/Changes, TM 9-2350-215-20P (Jan 65).

M48A3 tank - TM 9-2350-224-10 (Jan 66) w/Changes, TM 9-2350-224-20 (Jan 66) w/Changes, TM 9-2350-224-25P (Jan 66) w/1 Change.

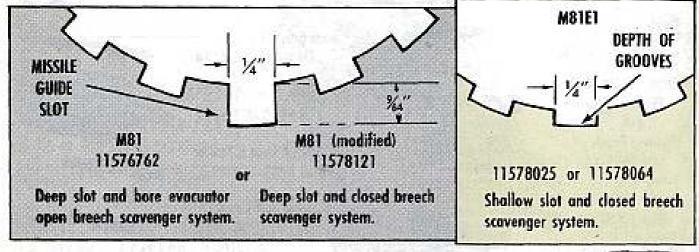
M728 CEV - TM 9-2350-222-10 (Aug 65) w/Changes, TM 9-2350-222-20 (Sep 65) w/Changes, TM 9-2350-222-25P (Oct 65) w/1 Change.

M551 Sheridan - TM 9-2350-230-12 (Jun 66) w/Changes, TM 9-2350-230-25P/2 (Jun 66).

M551 SHERIDAN TUBE LIFE



First off you have to find out what kind of tube you have, like so . . .



No problem telling the difference between a deep and a shallow key slot. They are both 1/4-in cuts running straight through from breech to muzzle at the 6 o'clock position. The shallow one is the same depth as the grooves but the deep one is 9/64 inch deep which is about twice as deep as the rifling.

With an M81 or M81 (modified) tube you can run 200 EFC (equivalent full charge) rounds through before you need a new tube. With an M81E1 tube you can go 600 rounds.

All conventional rounds count 1 EFC each no matter what the model number of the round or whether or not it has an E after the model number.

Missile rounds are not counted at all



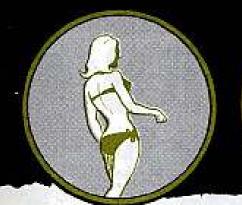
because they don't wear out the tube enough to matter,

on the number of conventional rounds fired, which is 600 rounds, and not on tube wear. When using the M81 or M81 modified gun launcher tube, the retube date equals the original plus 2 retubing, and when using the M81E1 gun launcher tube, no retubing.

By the way, when the breech is changed, that includes the breech coupling, the breech chamber and the obturator seal. SP CANNON-COCKERS...

FIGURE OUT THE FIGURE COUNTER

36 26 38... GOT THAT?







Pull out your ear plugs and listen to this. Your panoramic telescope might have a rotating 3200 mil reset (lower) counter that could jam or give you a wrong reading. If you have one of these telescopes you could have trouble.

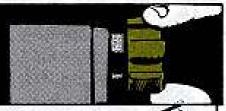


THIS TELESCOPE	THESE SERIAL NUMBERS	IN THIS VEHICLE
M115	1337 to 1589	M107 or M110
M117	3487 to 3738	M108 or M109

If you have one of the "maybe" bad ones, make this simple check every day . . .

 Turn your deflection azimuth knob until you get the 3200 mil reset azimuth counter to any even 1000 reading — 1000, 2000, 3000 or whatever

3000



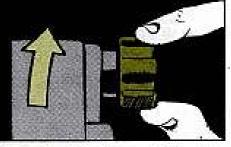
 From this even 1000 position turn the deflection knob one half turn counterclockwise. All 4 numbers in the 3200 mil reset counter window will change if the counter is working right.

2950

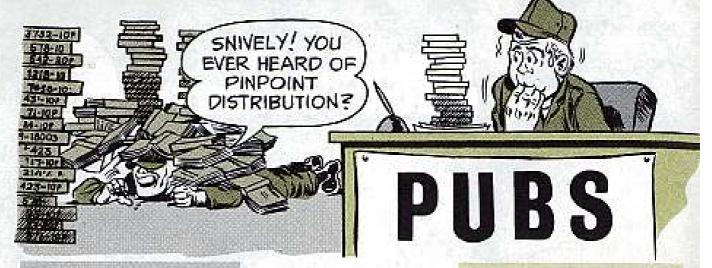


 Now turn it back and all 4 numbers in the 3200 mil counter window should change again, leaving you with the even 1000 number you started with when you have turned the deflection knob back a half turn.

3000



The counter should operate smoothly and all 4 numbers should change in both counterclockwise and clockwise operation. If not, you've got a bad counter . . . call support.



This is a selected fitt of recent pube of interest to organizational maintenance personnel. The fist is compiled from recent AG Datribetion Centers Bulletins. For complete details see DA Pom 310-4 (May 68), and Ch 3 (Nov 68), TM's, TB's, etc.; DA Pom 310-6 (Joi 68), and Ch 3 (Apr 69), SC's and SM's; DA Pom 310-7 (Dec 68), MWO's.

TECHNICAL MANUALS

TM-DPSC-6520-257, Apr. Med Moteriel Repair Parts Pamph No. 257. TM 5-1940-201-15, Jan. 27 Fl Alum Hell Inboard Eng Bridge Erection Boat. TM 5-2805-200-20P, Feb, Gasoline Outboard Motor 25 BHP. TM 5-2805-258-24P, Jan, 10 HP Mil Sid Mdis Gos Eng. TM 5-2330-220-14, Feb. 32,000 Lb Roled Payload Cap Transporter. TM 5-3431-200-20P, Feb, Inert Gos Shielded ARC Welding Set for 3/64-In Wire, TM 5-3431-207-20P, Dec, Welding Equip. TM 5-3431-225-15, Mar, Arc Welding Machine Gen and Inert Gas Shielded, Miller Mdl 330A/B/SP. TM 5-3740-201-20P, Feb. 25 PSI 30 GPH GED Poshcort Mtd Insecticide Sprayer TM 5-3805-200-15 C3, Feb, Forth Moving Equip Loaders, TM 5-3805-201-20P C1, Mar, Earth Moving Equip Loaders. TM 5-3810-222-23P, Feb. 20 Ton Tractor Towed Crane Lelcomegu-Wastinghouse Mdl M20. TM 5-3820-238-15, Feb, Ges Eng Powered Well Percession Drilling Mochine. TM 5-3825-214-20P, Feb, Water Distributors. TM 5-3895-333-25P, Feb, DED SP Pile-Driver Hommer, TM 5-4120-220-20F, Mor, 18,000 BTU Hoor Mtd Air Conditioners.

TM 5-5420-200-20P, Feb, Bridge Lounchers AYL. TM 5-6115-229-10 C2, Mar, 5 KW 60 Cyc Eng Dryn Gen Sets. TM 5-6115-247-15 C1, Mar, 45 KW 60 Cyc Eng Drvn Gen Sets. TM 5-6115-247-15 C1, Mar, 45 KW 60 Cvc Dryn Gen Sels. TM 5-6115-248-10 C3, Mar, 30 KW 60 Cyc Drvn Gen Sels. TM 5-6115-257-15 CJ, Mar, 1.5 KW 60 Cvc Drvn Gen Seh. TM 5-6115-261-10 C3, Feb, 15 KW 60 Cyc Drvn Gen Sets. TM 5-6115-270-10 C3, Mar, 3 KW 60 Cyc Drvn Gen Sett. TM 5-6115-272-25P, Feb, .5 KW 60 Cyc Eng Dryn Gen Sels. TM 5-6115-273-15 C3, Mar. 60 KW 60 Cyc Eng Dryn Gen Sel. TM 5-6115-291-15 C4, Mar. 60 KW 60 Cyc Eng Dryn Gen Sets TM 5-6115-449-15, Jan. DED SP Gen. Set 30 KW AC Mil Design Mdl SF-30-MD/CIED. TM 5-6115-453-12, Mar, 0-30 KW AC Skid Mid Port Mdl Lood Bank. TM 5-6665-202-15 C4, Land Mine Detecting Equip. TM 5-6675-270-25P, Feb. Surveying Equip. TM 9-1005-213-25 C1, Feb, M2 .50 Cal MG and Mounts, TM 9-1090-201-20P, Jon, XM16 Armomont Subsystem. TM 9-1090-203-20P, Dec, XM28 Armoment Subsystem TM 9-1290-325-12/1 C2, Feb, Rador Chrone Set. TM 9-1400-465-15P, Jan, XM551 Shillelagh. TM 9-1410-302-15P/1/2, Feb. Sergeont. TM 9-1425-585-14, Feb, Chaparral, TM 9-1430-250-15P/6/1, -15P/12, -15P/21/1 and -15P/4, Feb, Nike-TM 9-1440-381-20P, Mor, Pershing, TM 9-2300-257-20, Feb, M113A1 Corrier Family.

20-MM AA Gun. TM 9-4935-585-14/1, Feb, Chaperrol. TM 9-4935-587-12, Feb, Chaparral. TM 9-6675-231-20P, Mar, Theodolite. TM 9-6920-378-20P, Mar, Penhing. TM 10-4930-204-15 C1, Mar, Petroleum Distr TM 10-7310-228-14, Feb, Gas Deep TM 10-7310-230-14, Feb, Gas Baking and Roasting Oven. TM 10-8340-210-23P C1, Mor, Tents. MODIFICATION WORK ORDERS 9-1430-501-30/64, Feb, Hawk. 9-2350-217-30/15, Feb, MI09 Howitten. 9-4900-500-30/55, Feb, Howk. 55-1500-210-30/3 and 30/27, Mar. CH-47 55-1510-201-40/2, Feb, U-8, 55-1510-201-40/8, Jan, U-8, 55-1510-203-30/5 C3, Mar, U-6. 55-1520-209-30/59 C2, Mar, CH-47. 55-1520-209-30/76, Mar, CH-47. 55-1520-211-30/36 C1, Mer, UH-1A-18. 55-1520-217-20/3, Mar, CH-54. 55-1520-221-20/4, Mar, AH-1G. 55-1520-221-30/10 and 30/14, Mar, AH-1G.

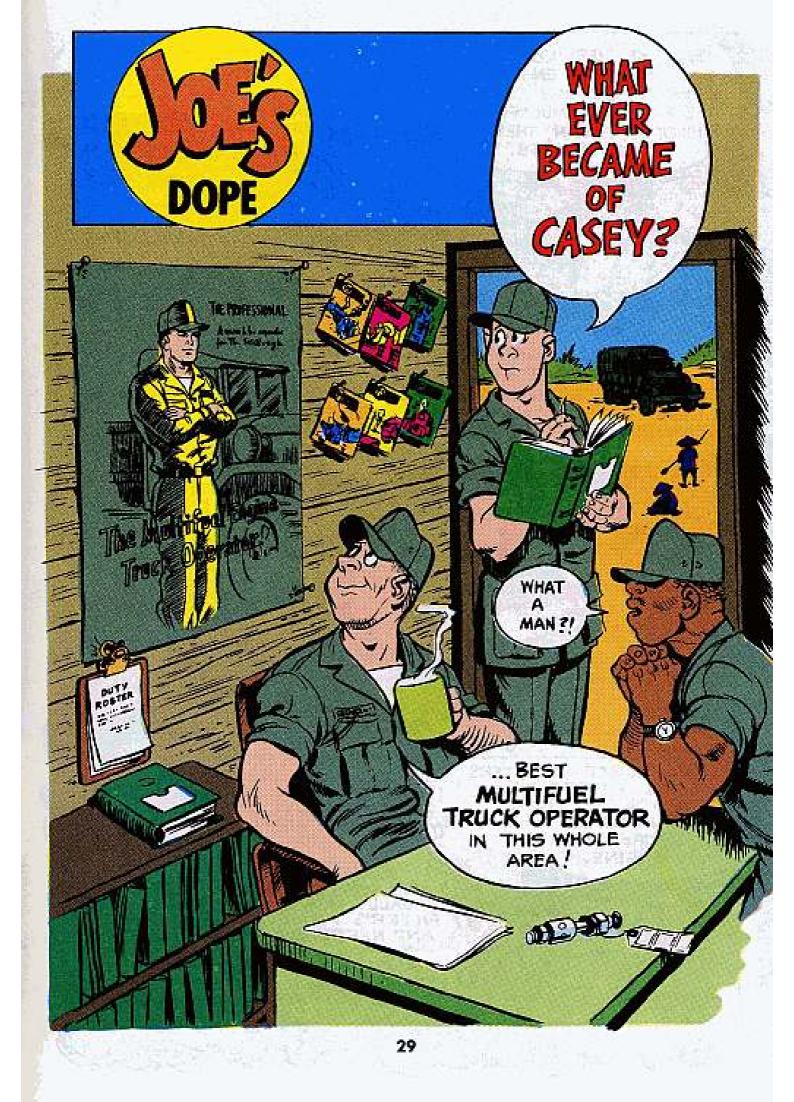
TM 9-2350-300-20 C1, Feb, XM163

55-1520-227-30/12, Mar, CH-47. MISCELLANEOUS

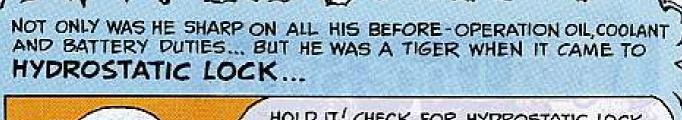
AR 735-35 C3, Mar, Property Accountability. DA Pam 310-6 C3, Apr. Index to SC: and SM's. DA Pam 700-3, Feb, Use of DD Form 6 Pockaging and Handling Deliciencles. LO 5-3655-211-12-1 and -2, Mar, Semitrailer Mtd Oxygen-Nitrogen Gen and Charging Plant. LO 5-3805-219-12-1 and -2, Jan. Scoop Type Loader Dsl Dryn 4 Wheels 2% Cu Yd W/Engine. LO 5-3805-232-12-2, Jan, Earth Moving Equip Loaders. LO 5-3805-240-12-1, -2 and -3, Mar, DED Ditching Machine.

SUPERQUICK ZAP

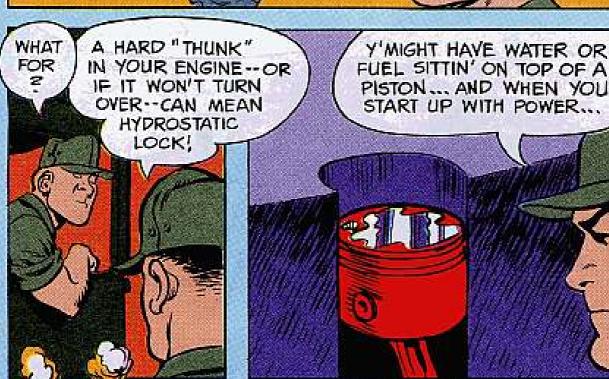
All together now . . . if it's superquick action you want with the M564 MTSQ fuze, set the fuze for 90 seconds — like it says in para 5-58E(1) of Ch 7 (Sep 68) to TM 9-1300-203. This up-dates the superquick setting info for the M564 fuze on page 46, PS 197.





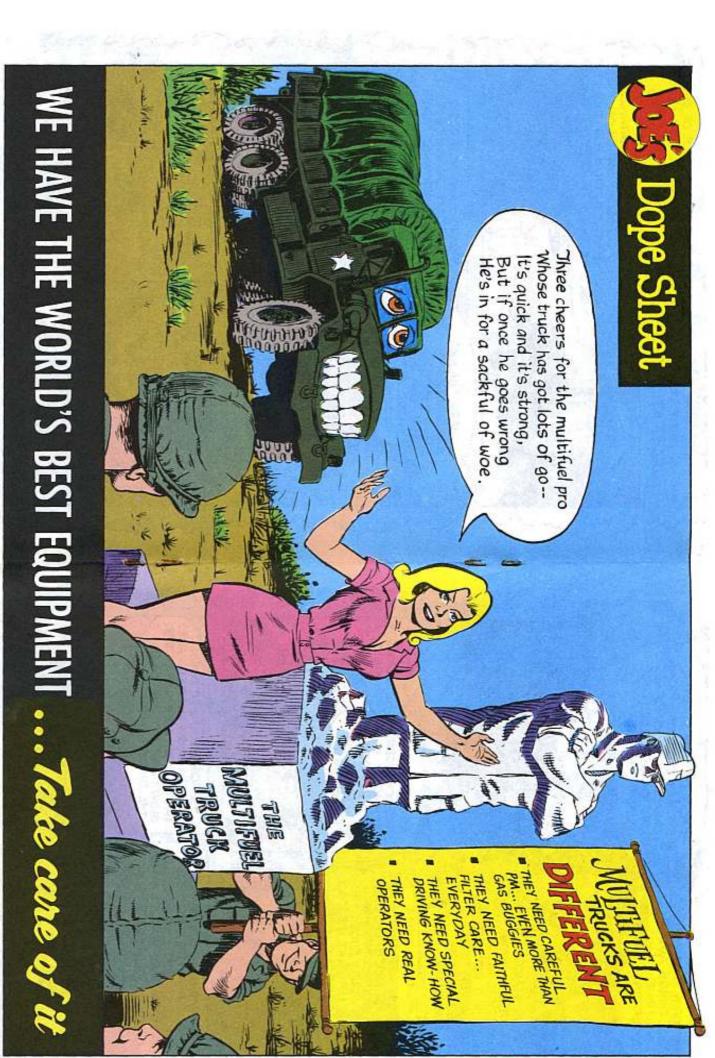


















riding the clutch

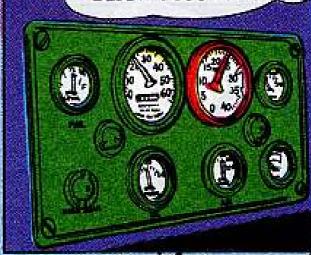
IS MURDER!! IT'S A SURE WAY TO GRIND DOWN THE CLUTCH FACING AND FLYWHEEL!



COMIN' DOWN HILL DON'T LET YOUR ENGINE OYERSPEED!



KEEP THE TACHOMETER BELOW 2600 RPM.



YEAHH ... I REMEMBER HOW HE ALWAYS KEPT A WELL-THUMBED - IOTM ... AND THE **DA** PAM 750-II RIGHT IN HIS POCKET TILL HE HAD IT ALL DOWN

PUBS PEOPLE TO
GET US EXTRA
COPIES BY WRITING
TO BALTIMORE AG
PUB CENTER ON A
DA FORM 17!

HEY, ROLL OUT A WRECKER...WE GOT AN EMERGENCY.



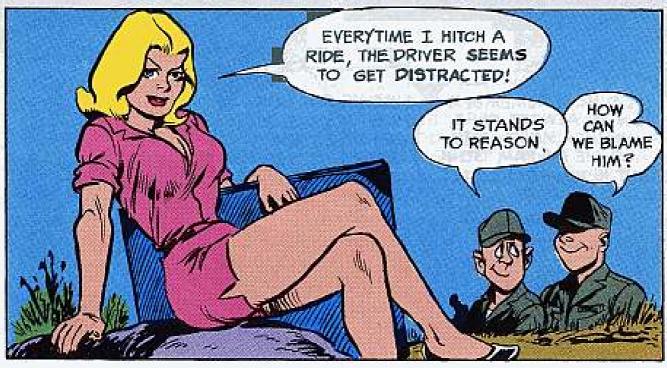














Keep an eye peeled for PVT Strange Scrounge. He may be headed your way. How come?

Well, in his last outfit he found out that a certain MWO kit had just the part he was looking for. A little "cannibalizing" never hurt, was the way he put it.

But it hurt plenty when the time came to apply the MWO. The missing part had to be manufactured again because the kit was a limited purchase, one-time deal . . . held up the mod 6 months.



'Course Private Scrounge is on the move again . . . figures!! So, if he shows set him straight, will ya? Tell him to keep his cottonpickin' hands off MWO kits.

Any job worth doin' is worth doin' right, the first time. Taking bird engine, transmission and gear-box oil samples is no exception.

Why are accurate samples so important? Well, as long as you have moving parts you have friction. With friction you get heat and wear.

The oil system reduces the heat level to a point where an engine or transmission experiences normal wear.

Since all metals wear, the lab keeps track of the weight of metal particles suspended in the oil in parts per million. The assembly actually has a health record.

What happens when a contaminated sample goes to the spectrometric oil lab? Plenty!

The lab technician does a double-take on a high iron, aluminum, copper, silver, chromium, magnesium or silicone count.

So, he fires back a message asking for a special resample to confirm the high wear pattern found on the first go 'round.

If the lab technician gets a normal reading on the resample—somebody goofed by taking a contaminated sample.

'Course nobody expects crewchiefs or mechanics to put on a white hat and coat. But you can come up with accurate samples by taking 'em thisaway.

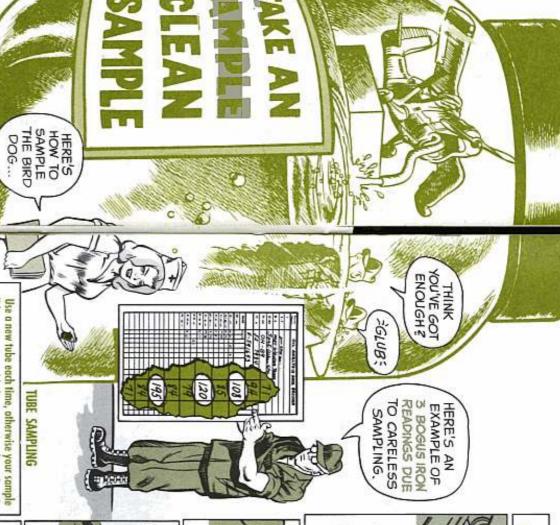
First off, take the sample within 15 minutes of engine shut-down. If you've done any gold pannin' you'll know why. Metal particles settle mighty quick and iron particles in oil are no exception.

If you drain a sample from a cold engine you're likely to wind up with a bogus high metal wear reading. So you want to take samples with all particles in suspension. Like in warm oil, man!

ake

out the

oil dipstick. Open the sample



Cut the ends off or remove the protective caps from the ends of the sampling tube.



Put the 1/4-in OD tube into the dipstick hole being careful not to touch the side or bottom of the ail sump. This is mighty important since you don't want to pick up any sludge on the bottom of the sump. Sludge will give you a bogus sample . . . extra resampling chores for you and the lab!



Draw enough oil to fill about 3/4 of the tube

Hold it with your finger and discharge your sample into the sample bottle. Fill the bottle to within 1/2 inch of the top.



Replace the battle cap tightly, put the dipstick back and toss the sample tube.

Label the bottle with the bird's serial number. Fill out the DA Form 3253 according to the poop in para 11, Ch 2 (16 Feb 68) to TB 55-6650-300-15 on spectrometric oil analysis, Get the sample off to the lab, pronto.

will be contaminated before you even draw the oil



50



If you sample a gear box with a locally made tool, such as the one shown on page 15 of PS 194, remember the cleanliness bit. Clean the tool before and after use to prevent contamination of the sample.

When you have to take the sample from the bottom of a crankcase or oil reservoir, be sure to drain off at least a pint of the oil before you catch the sample. Like this:

Open the drain plug, magnetic plug hole, engine drain, oil tank drain or what-have-you. Drain about 1 pint into a quart or larger container to make sure no sludge or dirt goes into the sample.

After you get the pint, continue the oil flow into the sample bottle and recap the bottle. Be sure you never dip into the pint you drew off first because the sludge in it will throw the lab types off the track with a high reading.



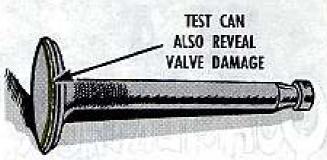
Of course, the oil sampling deal is a two-way street. You send the sample—the lab notifies you when they get a high wear-metal reading.

For example, say you have a broken piston ring on a recip. There is no noticeable effect in the performance of the engine—no knocks, good compression, no power loss and the like.

Actually, the sharp edge of the broken ring begins to scrape the cylinder wall ever so slightly. The ring begins to roll, wobble and chafe the piston.

The result is a vast increase in the number of aluminum, iron and chromium particles in the engine oil sample.

You may not know it, but you've got a cylinder and piston problem. Based on a test of the sample the lab will recommend an engine evaluation.

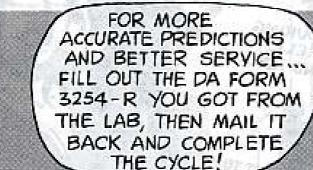


Never rest on your laurels after a cylinder boroscope shows a broken ring, scored cylinder or valve head separation, no sir-e-e-e!

The lab has to know the results of your corrective action. Remember that every engine, transmission and gear box has an individual wear pattern. Sometimes it takes several special samples to track down a faulty part.

If, per chance, a faulty component has to be sent to your support for repairs be sure you include the name and address where it was sent. Add the date the component was sent and the control number of any EIR's or other special reports on the part.

Remember that the failure code for spectrometric oil analysis, 916 (TM 38-750) is used on a DA Form 2407, DA Form 2408-3 and DA Form 2410 whenever the action is the result of a lab recommendation.





DON'T RUSH TO FLUSH!

When you send a dirty ou sample to the oil lab and they can't make head nor tail out of it they'll ask for another one. No sweat.

The lab may also recommend draining and flushing of the component before taking the next sample.

Careful, now. Flushing is a thorough cleaning of the inside of a component with strong solvents. Most of the lubricating oil will be washed away in the process.

A recip engine, for one, should not get the flushing treatment unless it's really necessary. Then, SOP will call for a pre-oiling job so all the bone-dry parts get lubed.

Without pre-oiling after flushing internal parts will suffer friction damage when the engine is cranked up (ugh!).

Your best bet is to drain the component and skip the flushing. If the oil is still too dirty for the lab to get a reading, drain it again . . . and again.

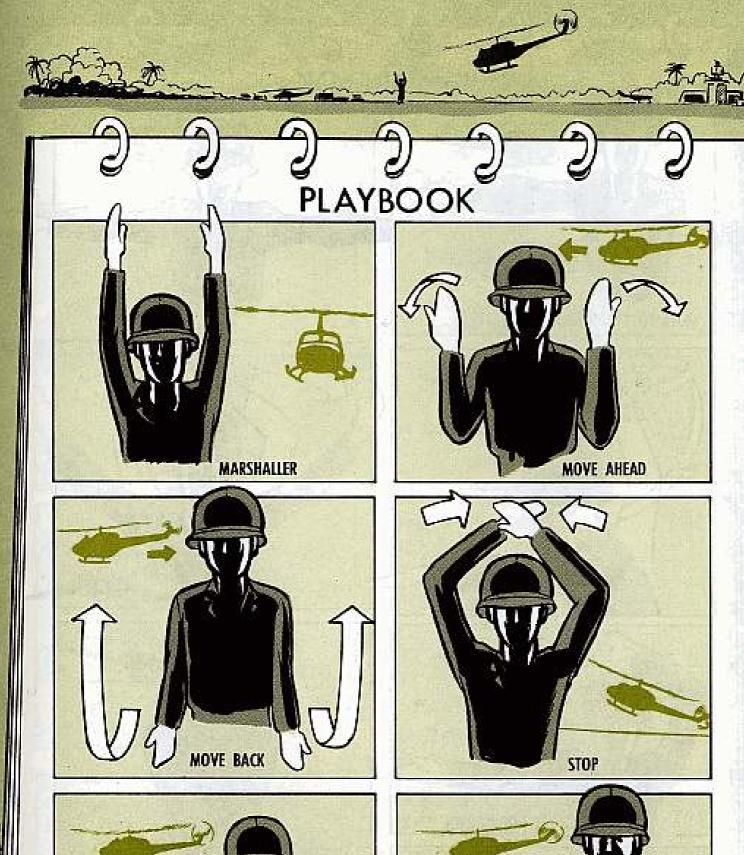


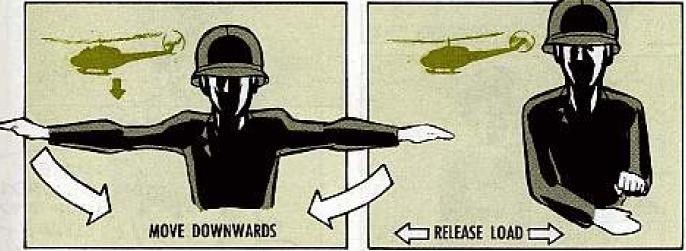
BE A OURSERBACK

You never get your signals crossed when hailing a ride, or getting the attention of a shapely blonde, right?

The signals needed to bring a chopper down safely in the boonies, tho, calls for a little quarterbacking.

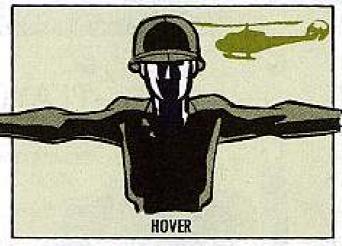






PLAYBOOK



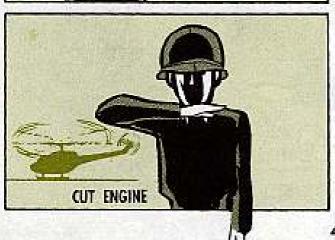








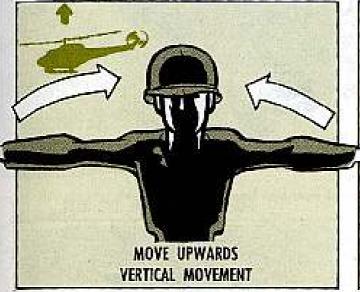






MAKE YOUR MOTIONS SHARP AND CLEAR!

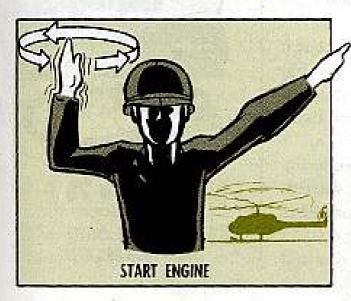
PLAYBOOK















The serial number data plates are missing on some of our radio sets. Can you tell me how these data plates can be requisitioned?

Also, who has the authority to put a serial number back on the radio?

Dear Specialist A. L.,

The whole scoop's in SB 11-263 (Jun 57). This handy pub tells you about replacement of data plates, where to get 'em, who installs 'em, and under what conditions you request 'em.



TL — 705/U . . .

SOLDER FOR A PRINTED CIRCUIT

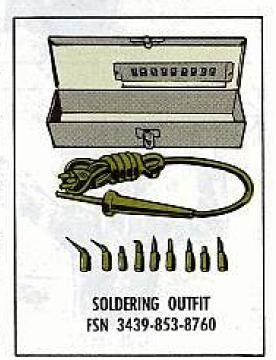
Been wonderin' how great it'd be if you had a soldering outfit for printed circuits?

Wonder no more. Somebody just didn't get the word thru to you on the TL-705/U.

Not only is it No. 1 for printed circuits, but it has many other uses. Eyeball Ch 1 (30 Dec 63) to TB SIG 222 for the good word. One caution: There's been a switch in the components listed on page 51 of the change.

Cord Set FSN 3439-897-9881 and Soldering Iron FSN 3439-853-6653 have been deleted. They've been replaced by Soldering Iron, Electric, FSN 3439-866-6258.

You get the whole soldering outfit, tips and all, with FSN 3439-853-8760.





BYE, BYE FILTERS

HERE! TRY THIS
REALLY KING-SIZE
FILTER TIP!

Dear Half-Mast,

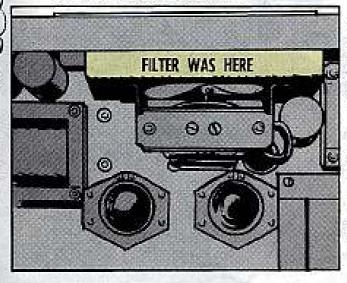
Power supplies PP-826/U and PP-827/U, used with the AN/TCC-7 telephone terminal, have a place for an air filter at the blower.

However, there is no air filter listed in either TM 11-5805-245-20P or TM 11-5805-248-20P.

Question is: Should there be?

SSG C. M.

KEEP THE INNER CASE CLEAN!



Dear Sergeant C. M.,

MWO 11-2150-1 (Mar 55) removed air filters from the PP-826/U and PP-827/U power supplies because they dust-locked and caused circuitry damage from high temperatures.

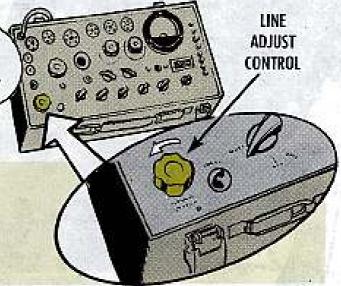
With the filter gone, it pays for operator personnel to eyeball the inner case and remove dust and dirt accumulations as necessary. This goes double where there's a lot of dust or high humidity.

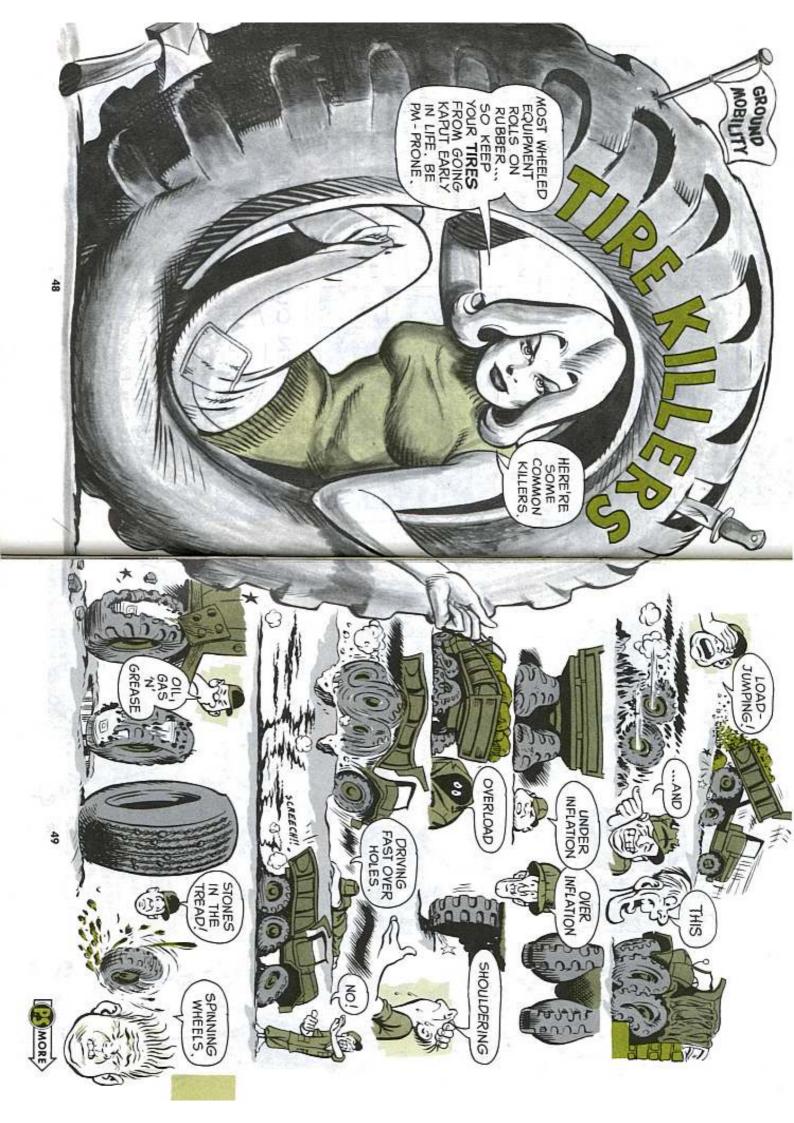
BURN-OUT BUSTER

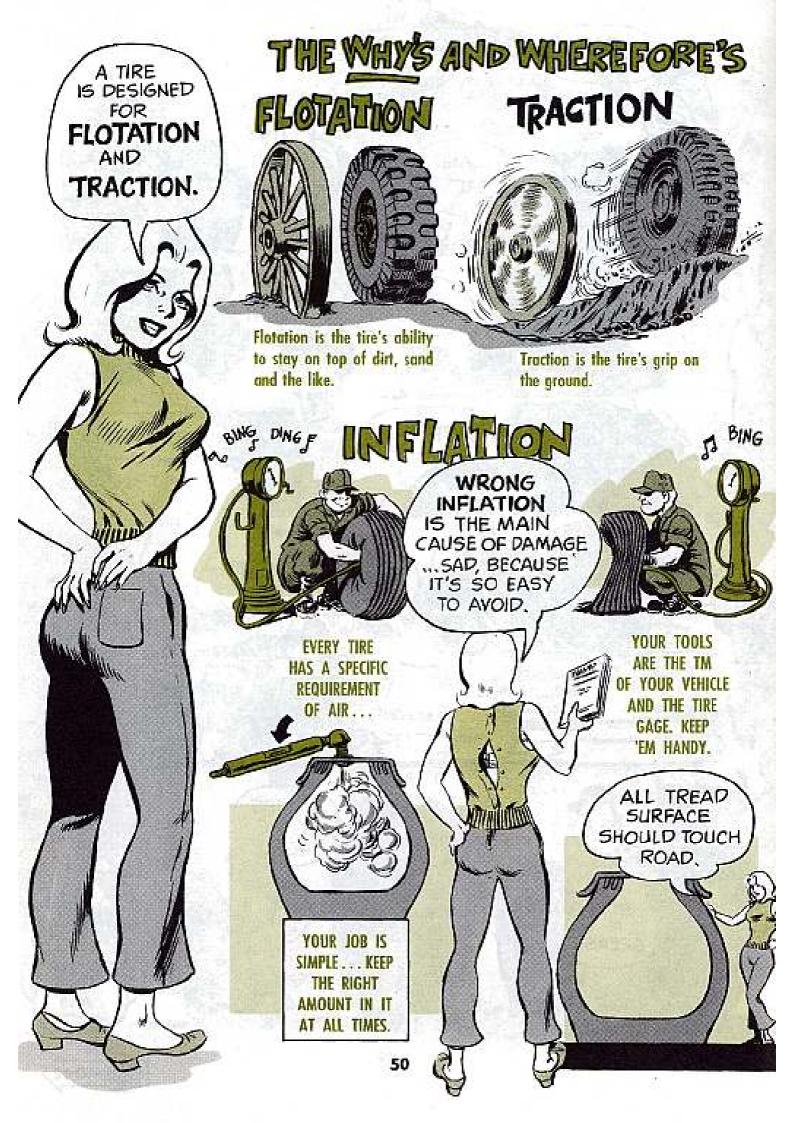


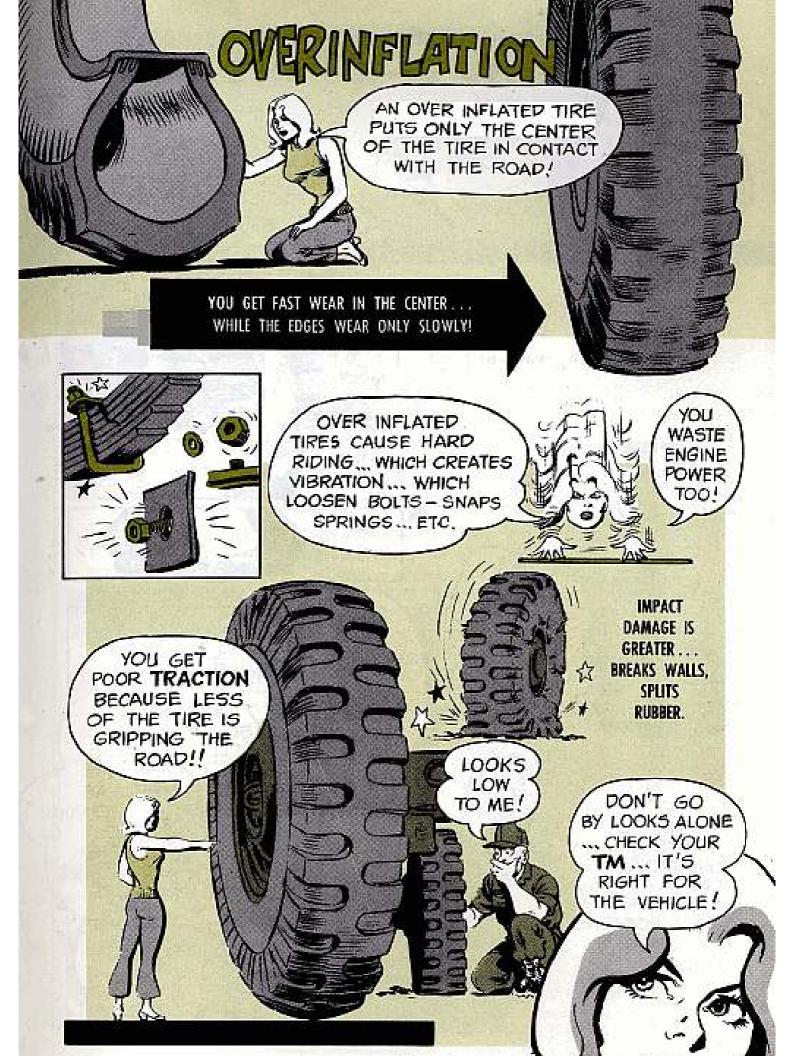
WAIT ONE!
BEFORE YOU BURN
OUT ANOTHER FUSE
ON YOUR TY-7 ()/U
TUBE TESTER,
CATCH THIS!

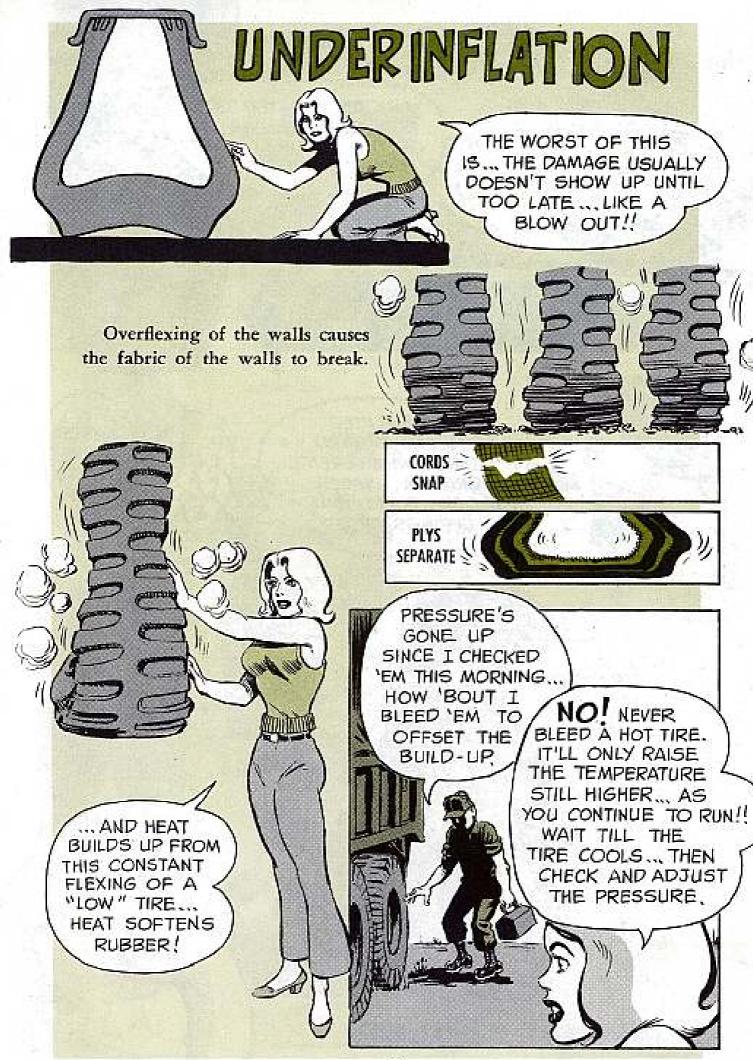
Turn the LINE ADJUST CONTROL counterclockwise as far as it'll go. Then, turn the POWER switch on. That cuts down input voltage. Paste a reminder on your tube tester.





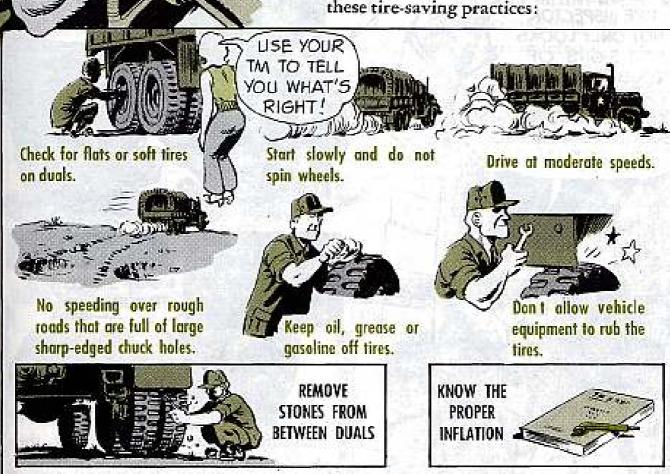








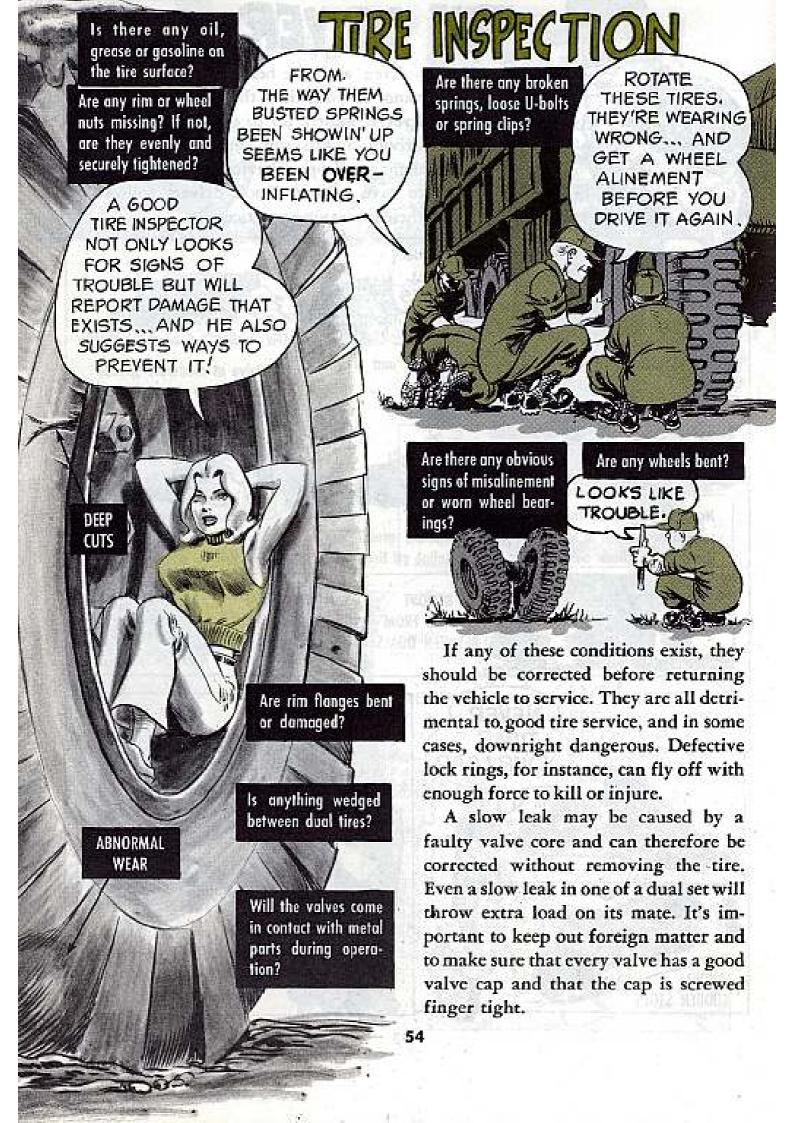
Even with the best possible maintenance of truck tires, the service they deliver is mostly up to the driver. Poor driving habits can cause serious tire damage. Proper driving can do much to save rubber. Good drivers follow these tire-saving practices:













WHEN ONE IS
PERMISSIBLY
DIFFERENT,
MOUNT THE LARGER
ONE ON THE OUTSIDE.

MISMATCHED DUALS

When dual tires are of unequal circumference, the larger tire carries the greater load. It's subjected to undue wear and punishment. This may result in the failure of both tires, because the sudden failure of the larger tire from the undue strain will automatically shift the burden to the smaller tire. You measure tires for matching duals by measuring the circumference with a flexible steel tape.

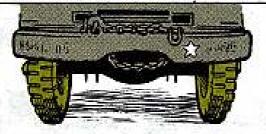
Tolerances In Matching Dual Tires

Outside diameter of tires	Permissible difference	
	In diameter	In circumference
Under 30 inches	1/4 inch	3/4 inch
From 30 to 40 inches	3/8 inch	1-1/8 inches
Over 40 inches	1/2 inch	1-1/2 inches

VEHICLE FAULTS



TOE-IN — The wheels on the same axle are closer together in the front than they are in the rear. Excessive toe-in shows feathered edges on inside edge of the skid design, usually more pronounced on right wheel tire.



TOE-OUT — The wheels on the same axle are closer together in the rear than they are in the front. Tire wear shows feathered edges on outside edge of the skid design. Usually it is more pronounced on left wheel tire.





CAMBER — This is the tilt of the wheel. Positive camber — wheels are closer together at point of road contact. Negative camber wheels are closer together at top. Too much camber results in uneven wear on one side of tire.



CASTER — This is the backward tilt of the axle. Too little caster causes wheel to wander or weave, resulting in spotty wear. Unequal caster causes wheel to pull to one side, resulting in excessive and uneven wear.

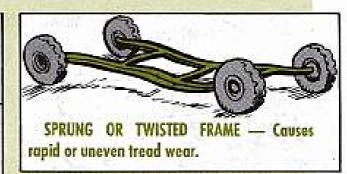




SPRUNG OR SAGGING AXLE — Either of these conditions causes uneven distribution of the load. A sprung or sagging axle will cause the inside dual tire to carry the greater load.

To the state of th

GRABBING BRAKES — Brakes out of adjustment and out-of-round brake drums cause tire treads to wear rapidly in spots. Out-ofround brake drums usually wear out tires in a single spot. Improperly adjusted brakes produce several worn places. Out of balance tires can cause worn spots.



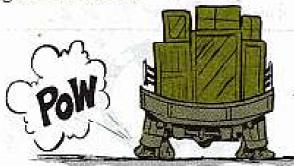
WORN WHEEL BEARINGS, LOOSE RADIUS RODS AND U-BOLTS, UNBALANCED OR WOBBLY WHEELS CAUSE UNEVEN TREAD WEAR, AT

THE FIRST SIGN, CALL YOUR MECHANIC.



CARGO LOADS

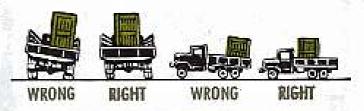
Overloading is the cause of many kinds of cord body breaks. It's the most costly of all tire abuses. Such breaks are due to abnormal flexing or overworking of the cord body of the tire. Normal flexing of a tire can go on indefinitely without causing any appreciable damage to the cords. But if the tire is overworked or overflexed, abnormal heat is generated and the cords become fatigued and break.



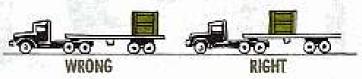
Improper load distribution also shortens tire life. It overloads the tires on one side of the truck or trailer when that side is required to carry more than

Overloading is the cause of many its share of the load. This may affect nds of cord body breaks. It's the most starting, may make wheels slip on light stly of all tire abuses. Such breaks are side and cause tires to wear faster.

Remember, too, that the gross load may not be too great, yet one axle or one side of the truck, or one wheel, may be overloaded due to improper distribution of the load. The things to do are . . .



 Balance the loads according to weight across the width of the body.



 On semi-trailer units, distribute load so each axie and the fifth wheel carries its share according to carrying capacities of tires.

TUBES



Never use a tube in a casing larger than that for which the tube was designed. The use of an undersize tube results in trouble, Make certain that both tire and tube are clean before mounting, and clean end of valve before applying air hose to prevent dust and dirt from being blown into the tube.

DON'T OVERINFLATE WHEN TUBE TESTING



MOUNTING TIPS

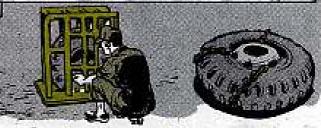


1. Make sure the tire bead and inside of tire are clean. Same goes for the tube and the rim gutter.



Center the valve and pull it firmly against the rim. Hold it in this position and inflate to pressure listed in your vehicle's TM.

- 2. After mounting your tire 'n' tube on the rim, inflate the tube to about 12 pounds. Then check to see that the tire's seated right on the rim—all around and both sides.



- Always use a safety cage or safety chain when inflating a tire that has a rim locking ring.
- 5. When mounting tires, angle valves always point toward the removable flanges of rims.

 Valves that are offset in tubes are placed to match the offset valve hole of rims.
- 6. Rotate tires every 6,000 miles. (See TM 9-1870-1, page 36.)

TIRE BIBLE

You'll be right up to snuff with "the wheels" if you've placed this info solidly in your noggin. But, you'll be even a better all-around PM man if you're checking your TM 9-1870-1 w/Ch 3(Feb 67) when a question comes up. This TM, "Care and Maintenance Of Pneumatic Tires" plus its changes — is a great friend indeed when you're in PM need or when a tire failure occurs.







TIRES + HEAT = POW!

Never—like never ever—let your welder do any welding or torch cutting on or around wheels that have inflated tires on 'em.

Welding or torch cutting around tires can produce a deadly explosion. So—beware!

'Nother thing—if your buddy's thinking about using some flammable antifreeze like alcohol to prevent freezing of water in the air compressor, stop him. Alcohol in an air compressor could ruin the machine, plus set up a real dangerous explosive air-alcohol mixture! Drain out that water, like the TM says.

TIRE VALVE POSITION

WHERE'S THAT ⑤并例公★!VALVE!

Dear Half-Mast,

When you mount a tire on a wheel with a split locking ring, are you required to position the tire valve 180 degrees (directly across) from the split?

Dear Sergeant G. C. B.,

There's no such requirement that I know of.

You may be thinking of para 25 in TM 9-1870-1 w/Ch 3 (Feb 67), which tells you to position the outer wheel tire valve 180 degrees from the inner wheel valve on dual wheels.

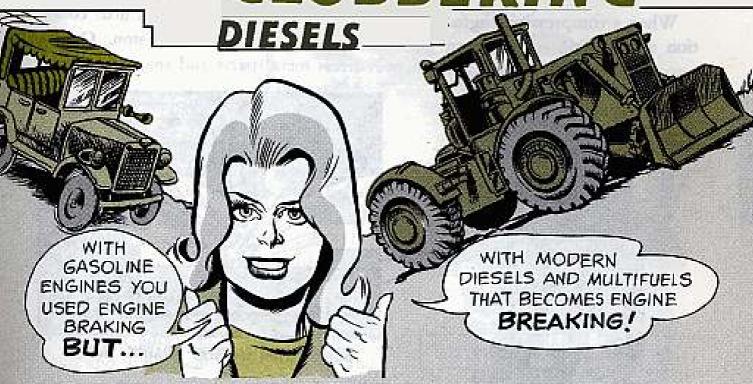
The TM explains that this makes it easier to locate the inner valve in the dark.

Hall-Mast



CONTROL THAT SPEED ...





Uncontrolled power can clobber a diesel or multifuel engine real quick . . . and you better believe it!

Forcing a compression ignition engine past its rated and governed maximum RPM limit is a game of Russian roulette. It's a matter of chance when she blows.

Nobody intentionally overspeeds an engine enough to cause its destruction—but many a diesel and multifuel has turned up with bent push rods, busted crankshaft, cracked pistons and popped connecting rods.

One of the biggest causes of this engine busting is using the engine for hold-back braking power on a down-grade—forcing the RPM beyond its limit. POW!

Many bull-sessions have been held about the advantages and wonders of engine braking power on a down-grade with a loaded vehicle, particularly by operators who were weaned on gasoline engine powered equipment.

They swear by it.

But operating a diesel-or multifuel-powered rig is another thing!

It's not that a compression ignition engine doesn't give some resistance for hold-back power like a gas job—it's the principle of operation that's involved. It restricts the effectiveness of the engine's braking capabilities.

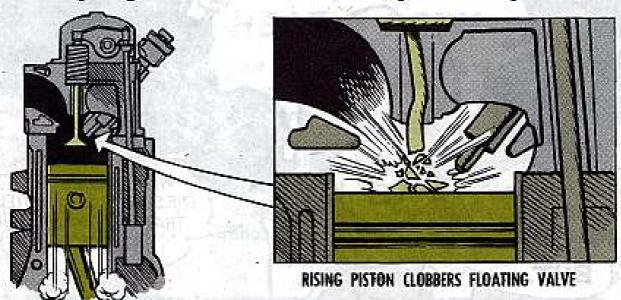
Mechanically both are similar as far as moving parts are concerned but the similarity stops there.

Unlike gasoline powered jobs, the diesel or multifuel creates no vacuum type drag during its air intake cycle. And it produces power throughout the power



stroke cycle. This makes it a lot easier for the weight-pushing and gravitypulling of a loaded vehicle during a down-grade run to force the engine beyond its maximum rated RPM limit.

When a compression engine overspeeds, the valves can go into a float condition and remain open—then get smashed by an upcoming piston: Or the uncontrolled speed generated can over-stress metal parts and snap 'em.



So you operators of diesel or multifuel equipped rigs, trucks, shovels, scoop loaders or what-not, please take note. Avoid using the engine for braking power—or over-rev it under no-load conditions just to check the smoke or noise conditions. You old hands on gasoline rigs have got to up-date your operating technique when advancing to a diesel or multifuel.

On down-grades with a diesel or multifuel equipped rig, the traveling speed and gear range have to be coordinated with the engine RPM while using the



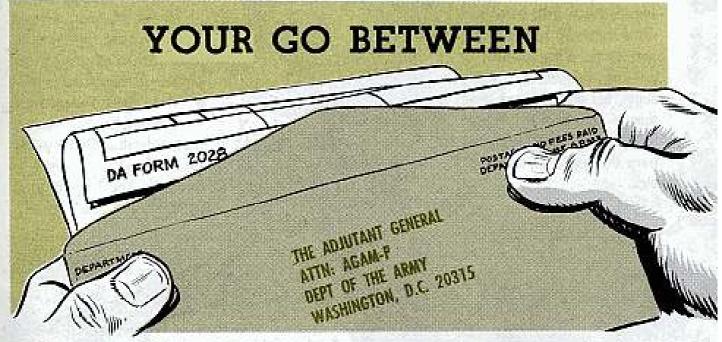
EROM BURN



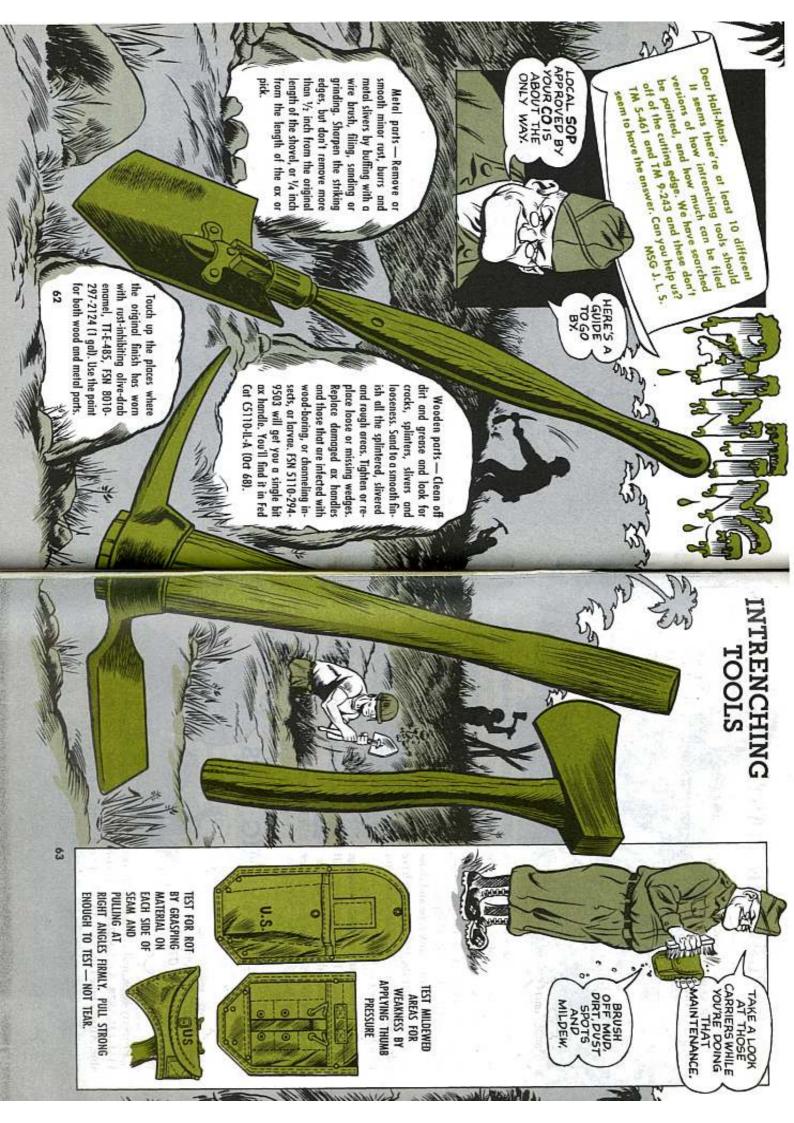
A simple thing like a gasket can make a difference between hot food and cold food. So if you want your food to be hot instead of cold, better replace those gaskets on your 5-gal insulated food containers (FSN 7330-238-2411) when they start losing their life.

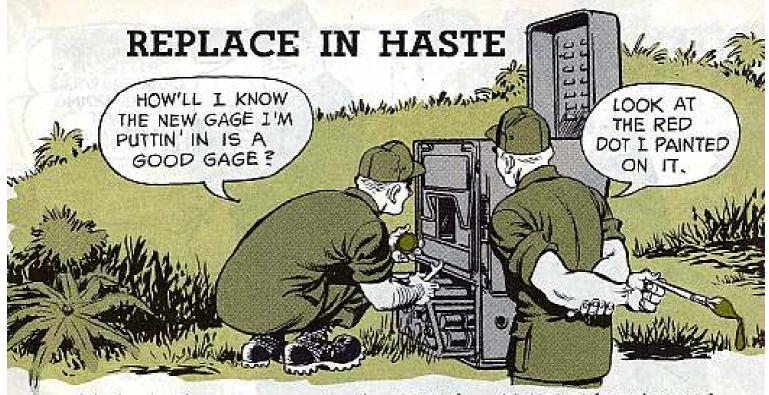
Those gaskets will last longer if you keep 'em clean. When you clean your container and inserts, take the gaskets out and wash them good with soap and water. Put 'em back with the flat side down, and let them dry in place, to keep 'em from warping and losing their shape.





You use a DA Form 2028 to report an apparent error, recommend a change, or suggest an improvement in your publication. When you've tracked down all clues, and still can't be sure where to send it, mail it to The Adjutant General, Attn: AGAM-P, Department of the Army, Washington, D. C. 20315. Ch 12 (Dec 68) to AR 310-1 gives you this word.

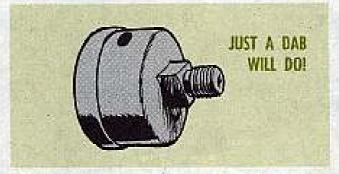




Playing it safe means you replace the pressure gage assembly on some of the earlier models of the M2 burner units, that were made under Contract DSA 4-072546TP523, dated 20 Sep 65.

Gages on the two-tank type and those. "U" tanks under the 1965 contract have soft solder and could melt when you turn the flame too high.

If you're not sure whether the gage has been replaced by a new one or still has the old one, don't take a chance. Replace it with a new type gage. Order Gage, Air Pressure, FSN 7310-9992503, from TM 10-7360-204-12 (Feb 68).

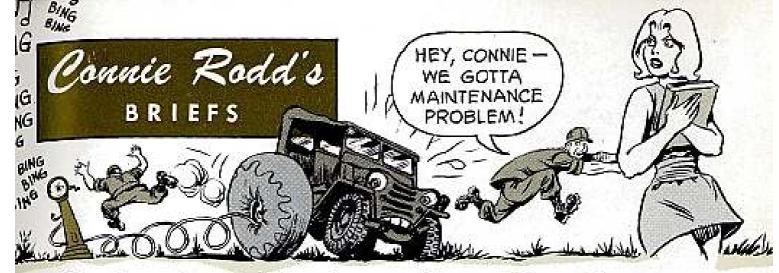


Put a dot of red paint on the top of the new gage so you'll know it's a good gage.

TB 750-971-2 (Apr 69), EIR Digest, gives the word for this replacement.



Property-book makers note: MIG welding sets under FSN's 3431-079-0488, 3431-121-5878, 3431-837-5573, 3431-837-5574, and 3431-965-0088 are reportable. All sets take LIN Y48118, like the other MIG sets in SB 700-20. The unlisted sets are being lassoed by the SB. Meantime, you know.



Bushing by the Numbers

Short a panel bushing for the TA-222 line pack of your SB-22/PT switchboard? What you need is FSN 5325-985-6725. It gets you the bushing for the retractable cord opening. This'll cut down fraying in newer line packs, which don't have a beveled opening.

Hot Stuff on M151!

You're 'way out of step if you don't have Ch 1 (Feb 69) to TM 9-2320-218-20P for your M151 and other G838-series ¼-ton vehicles. There're some big changes on Prescribed Load Allowance, source codes and tool kits. And now you'll find FSN's for lots of the ¼-ton's common hardware items and for some special parts that used to be "non-stock."

Right Belts for M151

Belt, generator, FSN 3030-756-8390, is what you want when replacing 25-amp generator belts on your M151 or other G838-series ¼-ton vehicle. You get a set of 2 belts under this FSN. It's listed in Ch 5 (Nov 67) to SC 3000-ML. You'll have trouble if you try installing Belt, generator, FSN 3030-833-1297, listed in TM 9-2320-218-20P w/ Ch 1 (Feb 69) — they're too short.

Lamp Unit Lowdown

You can't go astray if you mark 2B on your DA Form 2765 when ordering the amber warning lamp unit, FSN 6240-999-7806, for your 5-ton wreckers. Like it says in AR 735-35 (May 68), this 2B Advice Code tells the supplier: "Requested item only . . . Do not substitute." Some units have been getting red lamps as substitutes — and red just won't fill the bill.

M35A2 Flapper

Here's what you need to replace or repair mud flaps on your M35A2 2½ton cargo truck:

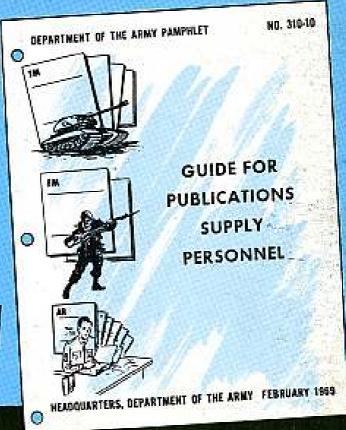
Complete assembly (flap, strip and shield) is Guard, splash wheel, FSN 2540-993-4787; rubber flap with strip, FSN 2540-993-4788; screw, FSN 5305-269-2803; nut, FSN 5310-959-1488.

Trailer Yes, Chassis No

Even though category line 320010 in TM 38-750 calls for records on "Trailers All Types," it's not meant to cover chassis types used only to put wheels under compressors, generators and the like.

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

ALL ARMY PUBS ARE VALUABLE... THIS ONE IS PRICELESS!



It tells you how to get the others! Get it! Read it! It's got the poop on pubs!



DA PAM 310-1, AR's, DA PAM's, Circulars, GO's

DA PAM 310-2, Blank Forms

DA PAM 310-3, FM's, TC's, ATP's, ASubjScd, ATT's, TOE's, TD's, TA's

DA PAM 310-4, TM's, TB's, SB's, LO's

DA PAM 310-6, SC's, 5M's

DA PAM 310-7, MWO's

DA PAM 310-9, COMSEC Pubs

DA PAM 108-1, Films, GTA Charts, Transparencies, Recordings Use these to keep current

