

support outfits. ply. It's a microfilm reader setup at There's something new in sup

dope. a new microfilm of the AMDF so they'll have the absolute lates file is updated every 90 days with the Army Master Data File. And the more than a million Army FSN's in It has in it up-to-date info on the

about each number like FSC, price and source of supply. old FSN it replaced, unit of issue The microfilm shows lots of info The FSN's are arranged by FIIN

info . . . newer even than your new the microfilm since it has the latest est parts manuals. requests against the master list or Your support unit checks your

unit may have. microfilm questionable FSN's your DSU's will also check out on the

all types of numbers—part numsupport will have microfilm lists of bers, cross reference lists and interchangeability of items . . . the the microfilm setup. Before long This is just a thumbnail sketch of

shape need to keep your gear in fighting and better supply of the stuff you It's all aimed at giving you faster

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THE PREVENTIVE MAINTENANCE HONTHLY leave No. 185 1968 Series IN THIS ISSUE

FIREPOWER





Wheeled Vohicle 23-24 M-Series Vehicles 28 M322 Frailer 24 6244 5-1 on Frack 25 0SF9 89-4-rebulance 25 0F41 3-1 on Frack 27 M151 25 M59 WR 27







AN/GRC-106 Radio RT-206, RT-524, RT-505 COMMUNICATIONS 54-57 54.55 Hadset-Min DA-31/PT. DA-31/2-FT

\$6 TA-3 RC-292 Antanna 57



Troubleshooting 14-22 44/0324,-Il Engine 58-59 290M Tractor 60 6,000-lb, Forkuitt 61 GENERAL & SUPPORT
booking 14-22 P4H 855 80 Crane 81
41 Engine 58-59 Cat 0253 Engine 62-63
actor 80 New Publications 28

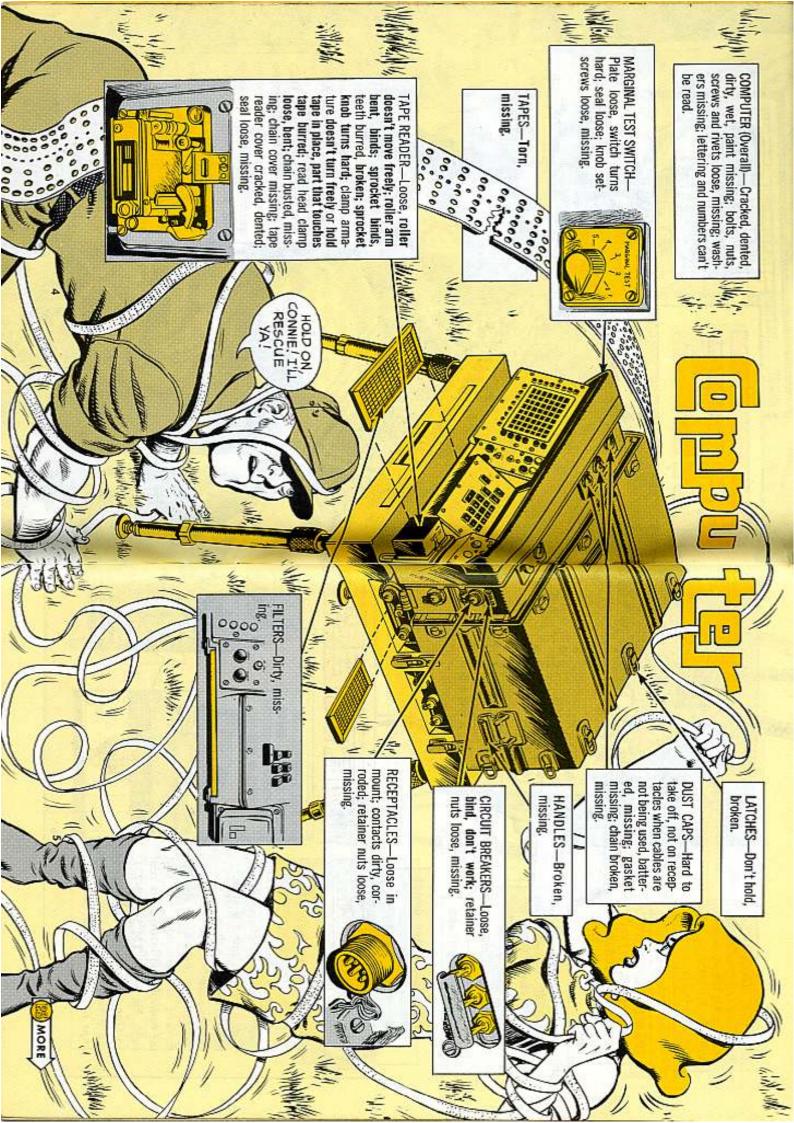


Use of funds for printing of this publica-tion has been approved by headquarters, Department of the Army, 10 February 1665. DISTRIBUTION: In accordance with re-quirements submitted on DA Form 12-4.



PS Magazine. Post Knox, Ky Sqt. Half-Mest,





wiring broken. Pins dirty, corroded, bent, busted; cable kinked, loose in ELECTRICAL CONNECTORS

ing; retainer nuts loose, lamps burned out; caps miss-TROUBLE INDICATOR PANEL -Switches bind, don't work;

loose, missing; lamps burned OPERATOR PANEL—Switches out; caps missing. hard to work; retainer nuts

10

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10 6

BLOWERS-Noisy, don't work.

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INPUT DISPLAY MATRIX—Windows scratched, busted, but-

lamps and diodes missing tons bind, don't work; spare

COVERS-Cracked, dented; handles broken, missing.

> come on slowly, shot; indicators don't work; windows scratched, broken. TUBE INDICATOR DISPLAY-Lamps

> > CIRCUIT BOARD EXTRACTOR TOOL

-Out of shape; nibs bent, busted;

same goes for Signal Data Reproducer and Computer Logic Test Set

cracked, missing; lamp burned indicator doesn't work, glass scratched, busted; switches bind, don't work; switch boots POWER PANEL—Time elapsed

KEYBOARD-Keys bind, can't

down two or more at same be pushed down, able to push

RELAYS.—Screws loose, missing.

田田路

ed, bulged. (Likewise with the Computer Logic Test Set and Signal Data Reprosockets dirty, corroded; resistors burnmed in mounts; contacts and CIRCUIT BOARDS-Cracked, loose, jamducer Circuit Board.

can jolt you, so don't set up right (This baby

GROUND-Missing, not

miss out on good

grounding).

G,

20

D

FADAC operations. Power's got to be ready every minute for the long run. That's why you have 2 of 'em -one for use, one for standby The generator's the heart of all

thumbscrew); needs

Keep both in A-1 shape.

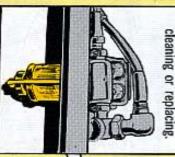
right. Fig 3-1 in TM 5-6115-271serviced and grounded and that ing section in TM 5-2805-203-14 the controls and instruments read watchful eye on it to see that it's (Apr 65) will help you. 15 (Jun 66) and the troubleshoot Mostly this means keeping a

> FUEL STRAINER—Gasket leaks (tighten

> > GENERAL—Generator not

ground, not protected from weather, not well venti-

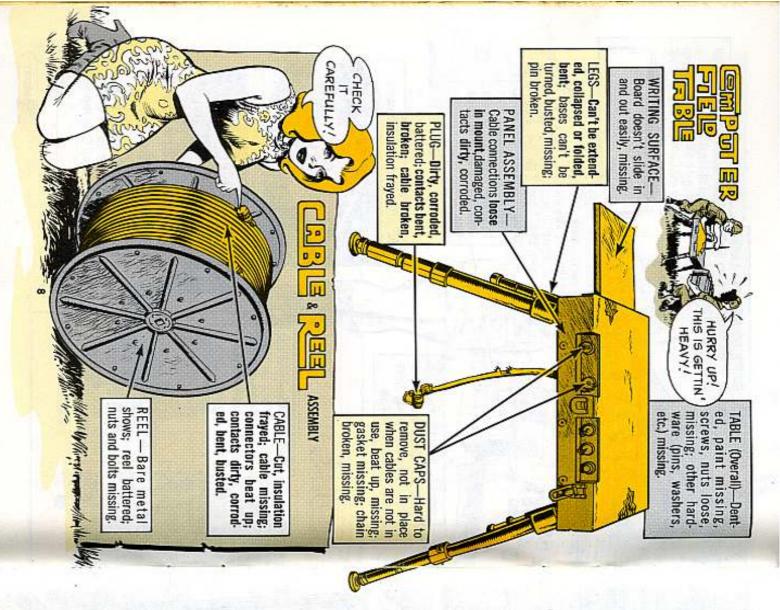
level, not set on solid

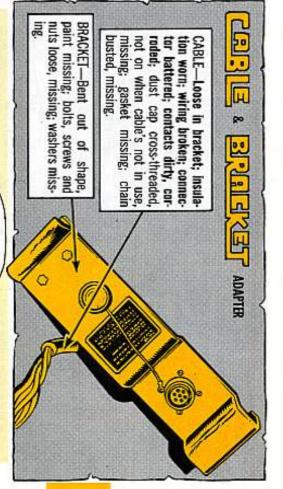












OF THE SUN AS MUCH AS POSSIBLE!

When you're not using it, cover the M18 to protect it from the weather. And when it's being used, do what you can to keep away rain, snow, blowing dust or what have you.

but you still have to do some re-

Your M18 has a great memory,

If the computer gets wet, dry it before you put on the covers.

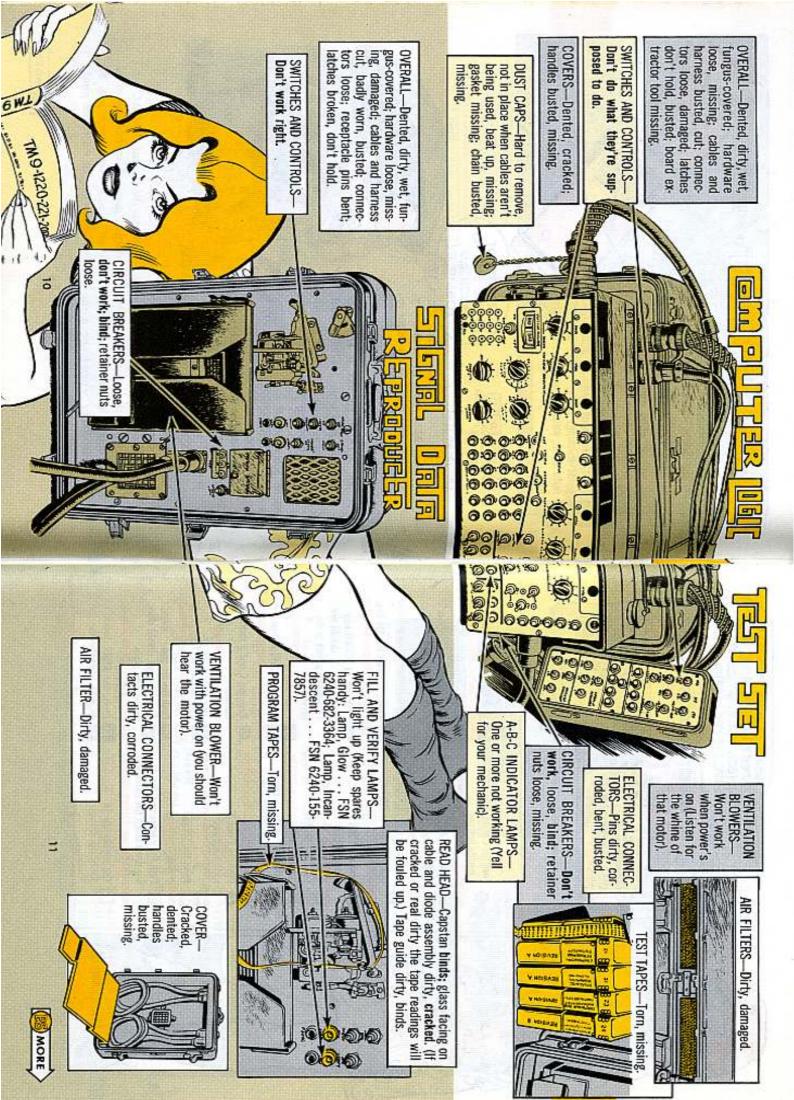
The tape reader is mighty important . . . so use its cover when the M18's not in operation.

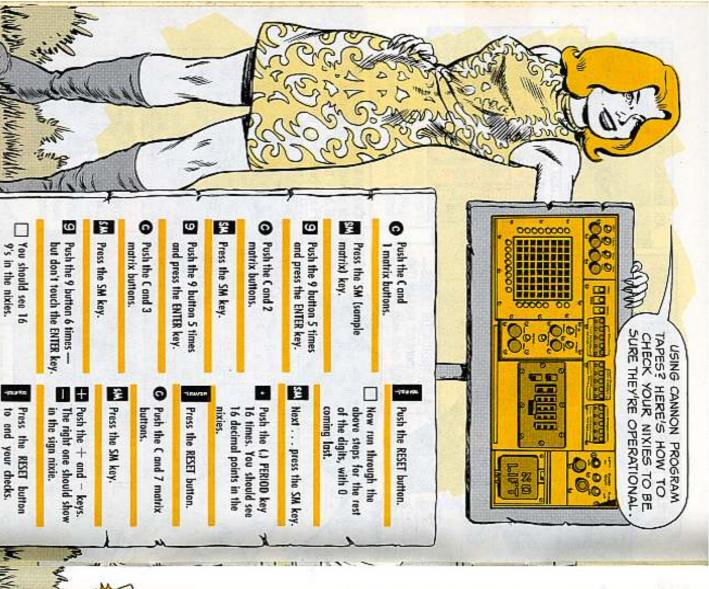
Check those air filters now and again—everyday if you're where the sand and dust blow.

And resist the temptation to go to work on the computer to see what makes it tick. It's not your job, no matter what, to open the computer chassis.

Remember, your FADAC's no darned good to anybody if its related pieces won't do a job. So, please to examine each with gimlet eye.







look for on your TT-537 teletype-Here's the type of trouble to

characters printed. OPERATIONAL CHECK—Equipment characters won't line up right; wrong won't record properly; copy unreadable;

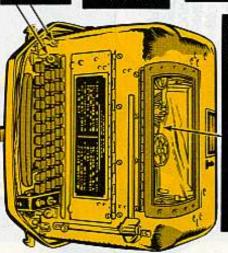
ed, wet, rusty, dirty, greasy, fungusinside or outside parts missing, bust painted surfaces bare, rusty, corroded OVERALL—Unit not installed right

Cracked, busted; screws, connectors BINDING POSTS AND TERMINALStungus-ridden loose, dirty, greasy

> INKING RIBBON—Installed or threaded don't hold, broken.

COVER—Handle busted, missing: latches

wrong, ribbon frayed, cut, worn, torn



don't have the publications ter and the gear used with it. that go with the M18 computied behind your back if you Here's what you want: You've got both cychalls

TM 9-1220-221-20P (Nov 62), with TM 9-1220-221-20/1 (Nov 65) TM 9-1220-221-20/2, Ch 1 [Dec 65] TM 9-1220-221-10 (Sep 64) Ch 2 (Oct 65)

FM 6-3-1 for cannon use (Apr 64) FM 6-3 (Mar 63) TM 9-1220-221-ESC (Apr 65)

FM 6-3-2A for free rocket use (Sep 65) (S)

Manuscher Bergette Var Charles House House

MAN WAR

A WIND TO STATE OF THE PROPERTY OF THE PARTY OF THE PARTY

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TM 11-5815-206-12, Ch 8 (Aug 67) TM 9-1290-326-20P (Jan 66) TELETYPEWRITER GENERATOR SET

TM 9-1290-326-12 (Nov 65)

SIGNAL DATA REPRODUCER

TM 9-4931-204-20P (Nov 65)

TM 9-4931-204-12/1 (Jan 66) TM 9-4931-204-12/2 (Jun 64)

TM 9-4931-204-12/1 (Jan 66)

COMPUTER LOGIC TEST SET

TM 5-2805-203-14 on engine (Apr 65) TM 5-6115-271-25P (May 66) TM 5-6115-271-15 (9Jun 66)

13 END

3



Passing The Workload

program in the hands of the supply clerk. Allowing the DX traders to carry you along means putting your maintenance

CONNIE'S RIGHT ..

NEW PART ON FOR THE OLD ONE ... THAT'LL FIX IT. JUST PUT THE

GUESSING, A TROUBLE HE CHANGES YOU'RE

PART AND SWAP THA FOR REAL YOU MAKE

GOOD MECHANIC KNOWS BEFORE

HOLD IT! PERFECTLY GOOD YOU COULD BE TAKING OFF A

TEST EQUIPMENT PART, USE YOUR TO BE SURE

SUPPLY UNNECESSARILY YOU USE PARTS FROM

KIPPIN'

8

OF A PARTS SHORTAGE ... SLOW OUTHY -- COULD BE VICTIMS YOU DOWN IN A FLAP! BUDDIES IN SOME OTHER THEN LATER YOU - OR YOUR

A PART

with but got thrown around during transport from using unit to DX repair were found serviceable at DS-GS level. Even more were serviceable to start An average of 4 out of 10 turn-ins to a number of DX points recently tested

out that nothing's wrong with them. Some items make it all the way back to depot before they are tested to find shop.

Log Book Clues

increase too fast you can overrun supply When supply requests for other parts

CLIMB, SOMEBODY ISN'T TESTING AND IS SWAPPING GOOD SERVICEABLE REPLACEMENT STARTS TO SHIRT THAT WHEN PARTS PARTS YOU CAN BET YOUR AT DX

2408-3 2408-14

CODE REF PES dimb .. Replacements GENERATOR HEASON FOR DELA PUB REQ #6-12 NOT IN STOCK NOT IN STOCK REQ #31-36 NOT IN STOCK REQ #31-15 OVERTUR ... Supply may be



MORE

NOT IN STOCK REQ #31-42 Log book records make a good comparison chart for detecting reasons for sudden changes in supply request pattern. Watch it, they'll tell you what's happening in your motor pool, hangar —or commo shop!

Each DX part has a price tag attached—tho, you'll never see the amount of paper work that goes with each DX turn-in to repair . . . and back to DX stock after test-and-repair.



Transporting

Another danger is in shipping still-serviceable parts back for repair . . . like somebody tosses those turn-ins into the back of an open truckone on top of another . . . nothing prevents those parts from bouncing and banging against each other. Delicate components like front panel guards, controls, plugs and jacks on electronic stuff, for instance may be so damaged they have to be declared un-economically repairable. They get sent to salvage instead of back to DX.

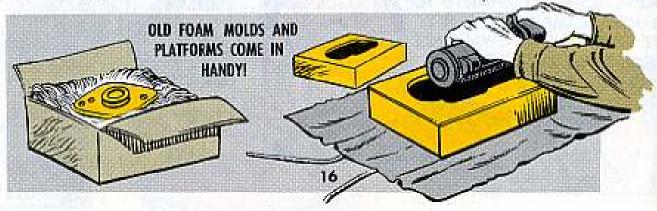




Cover all exposed openings on parts like distributors, carburetors or regulators by covering them with dust—and moistureproof hydroscopic tape or by using plastic caps and plugs. Parts that rust or corrode appreciate light coats of preservative lube or grease.

Some Other Good Ideas

Save old containers, wood boxes, cotton waste and preservative wrapping that your new parts come in with. You can use these to repack returnables. Shredded paper and cotton waste are great for protecting parts in transit.

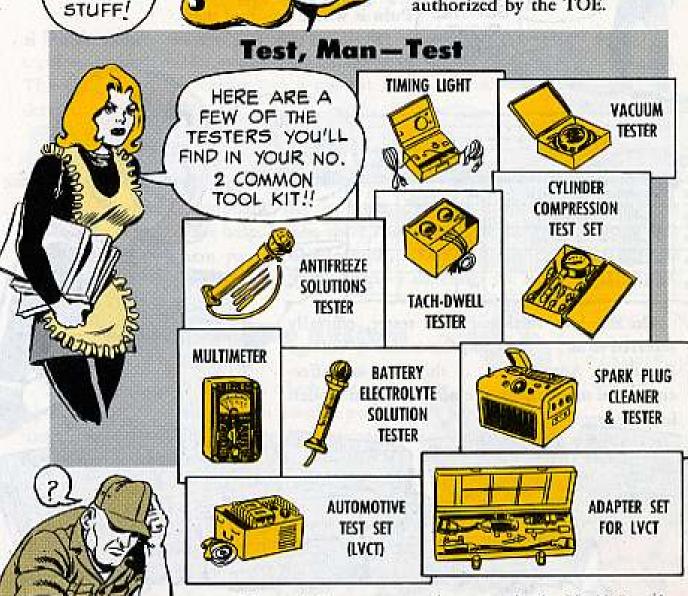


A Trouble Shooting SOP Is The Answer

CHECK YOUR TOE TO BE SURE YOU'VE GOT ALL THE PROPER TEST STUFF!



Your TOE allotment of equipment is your authority. Put in a supply request for whatever test equipment you're missing and need. For units with automotive and aircraft equipment, many of these items are part of a tool kit authorized by the TOE.



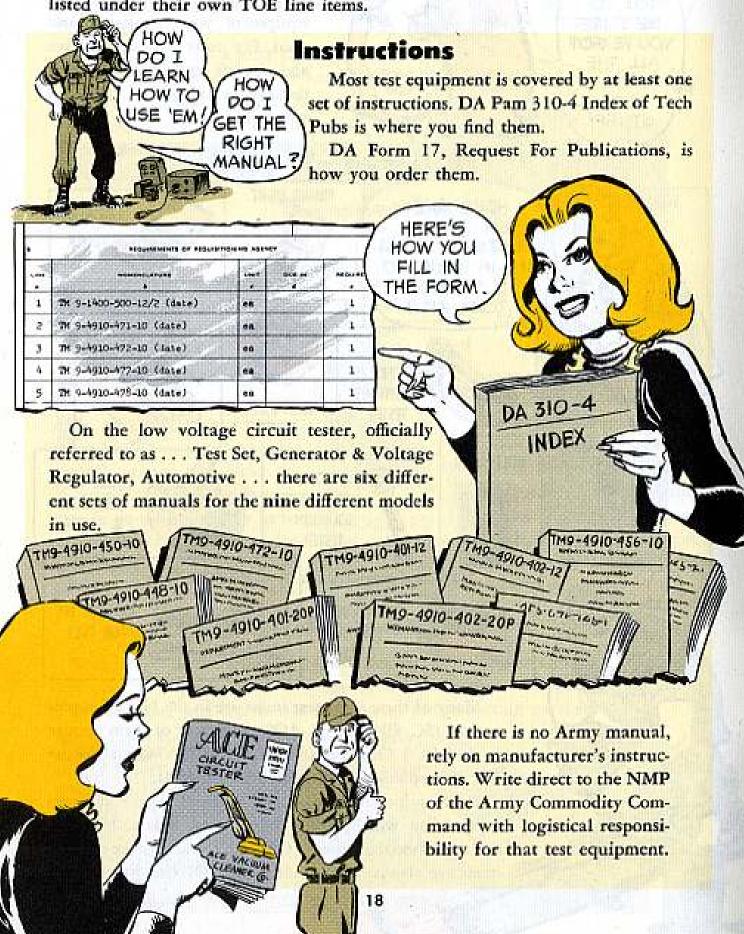
Many of these same test items are in the No. 2 Supplemental (SC 4940-95-CL-AO8) and most of them appear in the No. 1 Common (SC 4910-95-CL-A74) and in the No. 1 Supplemental (SC 4910-95-CL-A73).

Test equipment available for Signal type end items depends on which radios, telephones, radars, teletypes and switchboards your TOE issues you—since the test items are also issued as individual TOE line items.



Aircraft types will find equipment testers mostly in their organizational maintenance tool sets (Army Aircraft) . . . Sets A, A Supp., B, C (SC 4920-93-CL-A71).

Guided missile people will find TOE- authorized test elements housed right in their shop equipment cabinets along with those radar testers individually listed under their own TOE line items.





Keep Up The Training

Published instructions are not enough by themselves. You need on-the-job training to both make and keep you acquainted with each piece of test gear. This OJT has to be repeated on a regular basis, so you don't forget technical details.

HELP!

Each commodity command has its own group of maintenance technicians waiting to be asked for help. When there's no technician assigned to your area for the type equipment you need help with, forward a request thru channels to the commodity command itself. The proper addresses are listed in AR 700-4.

Use The System

Troubleshooting is a system which uses a stepby-step search to narrow down possible problem areas until you identify the trouble component. You analyze symptoms, test the defective system to find the faulty part—correct that fault.

1. Question the operator or look over

2. Isolate

the equipment's DA Form 2404.

3. Locate defective component.

es a stepproblem
aponent.
tive sysnat fault.

2. Isolate system.

4. Corrective action.

YOUR KEY TO CALIBRATION TB'S IS DA PAM 310-4

How's Your Calibration

Electronic Command

COMMODITY
COMMAND)!!

Radiac Equipment
Test & Measuring Equipment
Sets, Kits & Outfits
Meteorological Equipment

TB 11-6665-229-15/1 (16 May 67)
TB 11-6625-692-15/1 (27 Jan 67)
TB 11-6625-692-15/2 (22 Jun 66)
TB 11-6660-253-15/1 (3 Feb 67)

Missile Command

NIKE (all systems)
HAWK
Sergeant
Pershing
M22 Helicopter Subsystem
ENTAC

LIGHT TARGET Missile System Honest John Little John XM3 Aircraft Subsystem TB 9-1425-250-25 (10 May 67)
TB 9-1425-300-25 (8 Feb 67)
TB 9-1425-300-25 (28 Dec 67)
TB 9-1425-399-25 (Jul 67)
TB 9-4900-461-35 (5 Apr 66)
TB 9-4900-455-35 (11 Apr 66)
TB 9-4900-417-35 (16 Dec 65)
TB 9-1340-202-35 (18 Apr 67)
TB 9-1340-204-35 (22 May 67)
TB 9-1055-217-35 (16 Dec 65)

Mobility Equipment Command

Tools & Support Items

TB 750-93-10/1 (19 Nov 64) Sect B s/s by TB 750-112 (28 Oct 66)

Tank-Automotive Command

Tools & Support Items

TB 750-112 (28 Oct 66)

Aviation Command

Aviation Test & Measuring Equipment

TB 750-931-10/1 (Jan 68)

Weapons Command

Tool Sets

TB 750-113 (21 Sep 67) (formerly TB Ord 1060)

Munitions Command

Special Weapons (for support) TB 750-109 (31 Jul 67)
TB 9-6625-334-35 (21 Jul 65)
(secondary references & transfer standards)

Army Security Agency

ASA Equipment

TB 750-32-1 (Feb 67)



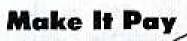
When you can't find a guide, establish a frequency of 3 months or 90 days between calibrations in your local maintenance SOP. This time period should keep your testers within the range of useful accuracy.



Each 90 days, or whatever the TB says, ask support to make its check. If your immediate support can't give you this service, hunt up the nearest calibration facility and make some sort of visiting arrangement with them.

Control calibration frequencies by checking each tester's DD Form 314 (if required by your command) for correct "C" entries and comparing them with the date on that tester's current DA Label 80.

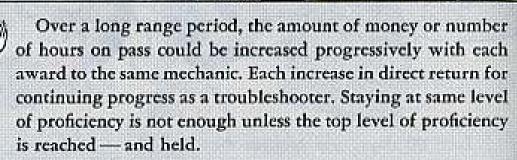




A little interest on the part of NCO's, shop officers and commanders goes a long way in encouraging proficiency with test equipment and a corresponding drop in parts usage.



A MECHANIC GOOD
AT USING TEST
EQUIPMENT TO
TROUBLESHOOT, AND
WHO SUCCEEDS IN
CUTTING THE DX
TURN-IN RATE IN
A GIVEN PERIOD
OF TIME SHOULD
BE REWARDED.

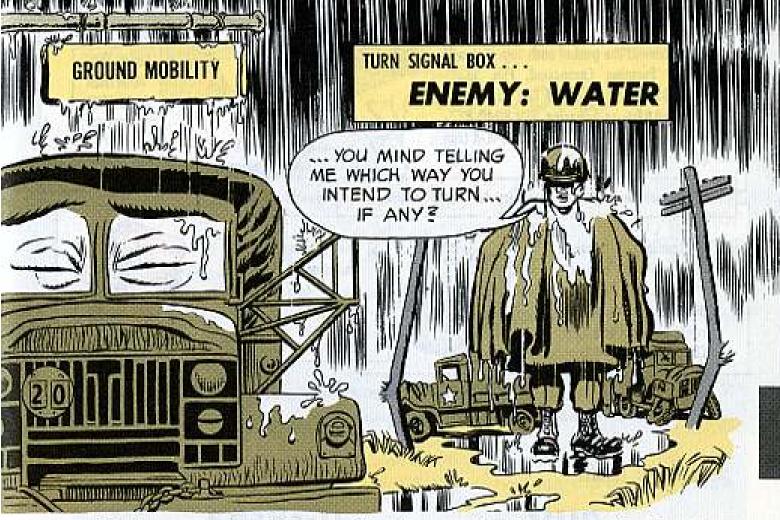


TO USE YOUR
TEST
EQUIPMENT
FOR TROUBLESHOOTERS
GAIN--AGAIN

AND AGAIN!

PUER-RE

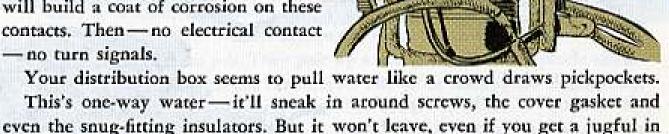
22



You've got a private little war if you've got directional turn signals on your tactical wheeled vehicle—especially if you're where it's hot 'n' humid.

That's the battle to keep water—even moist air—out of your turn signal distribution box. Until the new, solid-state hits the field, you'll have bare elec-

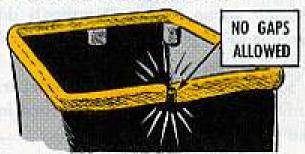
trical contacts in your distribution box. These contacts are the relays that open and close when you operate your turn signals. Just the tiniest bit of moisture will build a coat of corrosion on these contacts. Then—no electrical contact—no turn signals.



So you've got to throw up a real tight "perimeter defense," like so:

Take off the cover and check the gasket.
 Make sure the ends are at the bottom of
 the box and that they come together. If
 you can't stretch the gasket around so the
 ends do meet, get a new one — FSN 2590953-2177.

there.



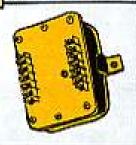
 Then cement the gasket ends together with Gasket Forming Compound, FSN 5330-842-6380, listed in Fed Cat C5330-IL-A (1 Feb 68), or Adhesive, FSN 8040-877-9872 listed in Fed Cat C8000-IL-A (Jan 68).



- 3. Wait until the adhesive sets (dry to touch) before putting cover back on box.
- Seal under lip of cover all the way around with Varnish, Oil, FSN 8010-664-5411 (1-pt can), listed in Fed Cat C8000-IL-A (Jan 68).



 Use same sealant on and around all screws, rivets and terminal blocks.



Take the box out of the vehicle to do a good job on this sealing, if you have to —it'll be worth the trouble in the long run.

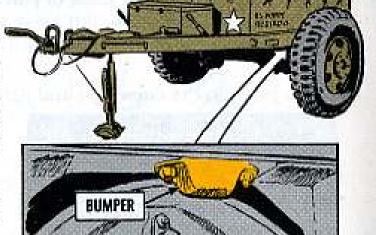
M332 AMMO TRAILER . . .



A heavy load of ammo . . . bouncin' cross-country . . . a ditch or a rock . . . axle smacks rubber bumper on frame.

Much of this'll knock the puddin' out of those rubber bumpers on your M332 1½-ton ammo trailer. Weather'll do the rest. The bumpers crack and fall apart.

So you get new ones—Bumper, Rubber, FSN 2510-439-6332, listed in Fed Cat C2510-IL-A (1 Apr 68).



EASY UP -- EASY DOWN



Bearings need oil-or some kind of lube. Right? Right!

Your GMC 44-passenger DSPA 5019 bus-ambulance has a turbocharger that spins on bearings that are pressure lubricated.

Engine oil won't get to your turbocharger's bearings until pressure has built up. So you idle at 700 to 800 RPM for the first minute or so after starting up. This gives oil a chance to get to those bearings while the turbocharger's turning at low speed.

Then, when you step up your engine to normal operating speed and get your turbocharger spinning at about 70,000 RPM, the bearings will be ready to take the gaff.

Same goes for shutting down your engine. If you shut 'er off too fast, you leave your turbocharger spinning like mad with no pressure in the oil system. That means no oil in the bearings. And that means no bearings.

So idle at 700 to 800 RPM for a couple of minutes before shutting down. Right? Right!

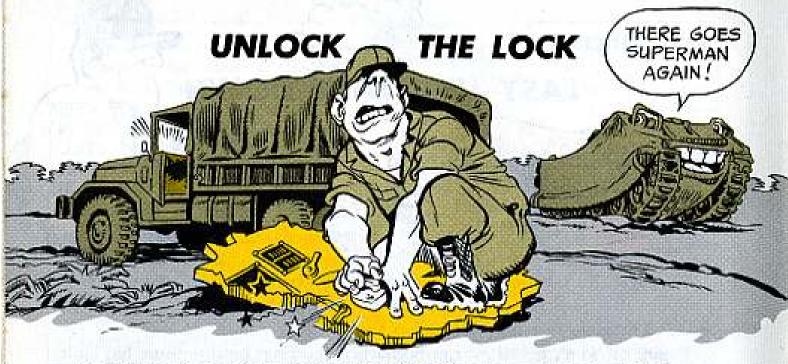


M151 100-AMP SYSTEM

They're a team, Generator, FSN 2920-999-9324, and Carburetor, FSN 2910-788-8457. That's what it says in Ch 3 (Jul 66) to TM 9-2300-223-20P. The carb is the Zenith job. They pair up so the generator's receptacle assembly won't interfere with the carburetor. The other team is the Holley carb, FSN 2910-678-1857, and Generator, FSN 2920-314-0556.

REFUEL -- BUT SAFELY

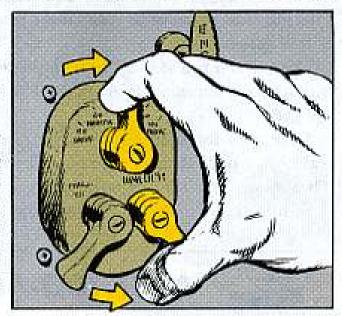
Ever wonder what's the maximum safe refueling rate for your M151 1/4-ton truck? It's 25 gallons per minute. The scoop's in EIR Digest TB 750-981-1 (Jan 67), page 117, para 43. Be sure it's stenciled on your M151's, like para 13g in TB 746-93-1 (Oct 64) tells you.



The light switch unlock lever on your M-series track or wheel vehicle serves a good purpose.

The spring-loaded unlock lever prevents accidental movement of the selector lever to any position except to BO MARKER and OFF.

To move the main switch selector lever to any ON position, except BO MARKER, the unlock lever must be lifted to the unlock position—or else! Using muscle on the selector lever without first using the unlock lever will bust the switch for real and sideline your vehicle.



So, to keep busted switches from piling up in the repair shop be sure you hold the unlock lever "up" — then move your selector switch.

G744-SERIES 5-TONNERS . . .

GASOLINE ENGINE RPM

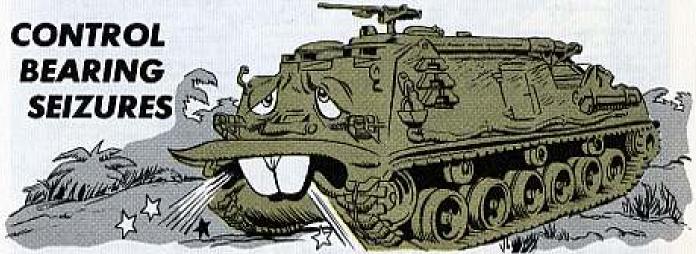
NO LOAD RPM

Top governed RPM (no-load) for your R6602 gasoline engine is 2950. You'll see "2750 to 2800 RPM" in Ch 3 (Nov 66) to TM 9-2320-211-20, but that's talking about top governed RPM "under load."





Need the Bolt, Machine, adjusting, brake-band bracket for your 3/4-ton that's listed under FSN 5305-732-4143 on page 56 of TM 9-2320-212-20P (Feb 60)? Then ask for it by using FSN 5305-622-9484. The FSN listed in the 20P brings the long hook bolt that's shown in Fig 49-not the adjusting screw. FSN 5305-622-9484 is a good number and is listed in Fed Cat C5305-IL-A Vol 2 (Jul 66).



Any of the rod-end bearings in your M88 VTR seizing up on you?

There're over 20 of these bearings, FSN 3120-673-3205, in the steering, shift-

ing and throttle control linkages.

They have a rough life because they're out in all kinds of weather without any protection from water, grease, oil and dirt.

So, if the nylon bearing seems to be binding, unhook the rod-end bearing assembly and try working the bearing by hand.

Loosen it and clean the dirt out with mineral base solvent such as kerosene or aliphatic naphtha type II TT-N-95.

Ordinary solvents can soften the nylon and make it seize worse than ever.



This is a selected list of recent pubs of interest to organizational maintenance personnel. The Net is compiled from recent AG Distribution Centers Sallatine. For complete details see DA Pam 310-4, Ch 2 (Aug 67), and Ch 1 (Jul 47), TH's, TB's, ole.; DA Pam 310-6 (Jul 67) and Ch 2 (Jan 68), SC's and SM's, DA Fom 310-7 (Jul 67), MWO'L

TECHNICAL MANUALS TM 1-U215, Dec, U-21A. TM 3-1325-232-12, Nov. E158R2 Cluster Conister, Tactical, CS 50-Lb, TM 3-4230-209-20P, Dec, M12A1 Decon Apparalus, Per-Dren, Skid-Mid 500 Gal TM 5-3820-240-15, Nev, Paving Breaker: Deal Furgasa Sinker Drill. Poving Breaker GED Cobra BBM 471. TM 5-3895-216-25P, Nov. Concrete Paving, GED 20 Ft Wide. TM 5-4310-226-15, Oct. Recip Conpressor, Pwr-Drn, Whi Mid; 2 Wheel, Page Tires, w/Towbor and Lunette Eye, Gos Eng; 4.00 CFM, JOOO PSI. TM 5-4320-248-15, Oct. Feel System. Transfer, Part, Cant Pump, 100 GPM; J HP Gos Eng. TM 5-6115-344-25P, Nov. Gen Sel. GED, 2 KW, DC, 15V, Air Cooled, Post, Tubular Frame w/Cliston Eng. TM 9-1005-223-20, CI, Dec. M14, MIAAI Bides. TM 9-1005-224-10, Nov. M60 Machine Gun, M122 Mount, TM 9-1005-257-12, Nov. XM18, XM18El Permonant Subsystems. TM 9-1430-268-15P/1, Nov. Nike-Hert, Nike-Hert Imp. TM 9-1430-503-12/1, Nov. Howk. TM 9-1430-503-15P/1; Nov. Hawk. TM 9-1430-510-15P/1, Oct. Howk. TM. 9-1430-511-15P/1, Oct. Howk. TM 9-1440-375-12P/1, Oct. Pershing. TM 9-2300-224-20/3/2, C2, Jan. M577, M577A1 Command Post Corrior, Light Tracked. TM 9-2300-224-45C/4, C1, Oct. M132 Flame Thrower, SP. TM 9-4935-377-15P/2, Oct. Penhing. TM 9-4935-378-15P/1, Oct. Pershing. TM 9-4935-425-15P, Oct. Redeye. TM 9-4935-503-15P/1, Oct. Hows. TM 9-4935-508-15P/1, Nov. Hawk. TM 10-500-54, Dec. Rigging AN/VIC-59 Radio, PU/623/G Generator. TM 10-500-66, Nov. Airdrap of Sup-plies, Equip, Rigging 14-ten Frontline

TM 10-1670-206-23, Dec. Parachute

TM 11-5805-467-12, Dec. AN/FCA-

TM 11-5820-540-12, Dec. AN/GRC-

17 Telephone Connecting Group.

Ambulances.

Recovery System.

103 Radio Set.

TM 11-6230-220-12, Dec. AN/TVS-3 Sourchlight Set. TM 11-6625-412-15-1, Nov. AN/ URM-44A Radio Test Set. TM 55-1520-202-20PMD, Nov. CH-34. TM 55-1520-204-20PMD, Doc. OH-13. TM 55-1520-209-10, CS, Nov. CH-47, TM 55-1520-209-20PMD, Nov. CH-47. TM 55-1520-209-20PMI, Nov. CH-47. TM 55-1520-209-20P-1, Jan. CH-47. TM 55-1520-209-20PMP, Nov. CH-47. TM 55-1520-210-10, Nov. UH-10. TM 55-1520-210-20PMI, Nov. UH-1D. TM 55-1520-214-10, Dec. OH-6. TM 55-1520-214-10CL, Dec. OH-6A. TM 55-1520-214-20, Dec. OH-6. TM 55-1520-214-20P, Dec. OH-6A. TM 55-1520-214-20PMD, -20PMP, Dec. OH-6A. TM 55-1520-217-20, Jul. CH-54A. TM 55-1520-221-20, Nov. AH-1G. TM 55-1520-221-20PMD, Nov. AH-TM 55-2915-280-40, Dec. OV-1. MODIFICATION WORK ORDERS MWG 9-1000-218-30/1, Dec. M107, M110. MWG 9-1000-218-30/3, Jan. M107. M110. MWO 55-1520-209-20/58, Jan. CH. 47. MWO 55-1520-209-20/62, Nov. CH. MWO 55-1520-209-30/24, Jon. CH. MWO 55-1520-209-30/53, Jan. Cit. MWO 55-1520-209-30/54, Dec. Cit. MWO 55-1520-209-30/57, Jan. CH-MWO 55-1520-210-30/11, Jan, UH-SUPPLY CATALOGS

SC 1080-97CL-E03, Nov. Computage Net Set, AA Moch Gun, Semi-Rigid, SC 3610-97-CL-E06, Nov. Sign Repro Set, Sick Screen. SC 3820-97-CL-E05, Nov. Crushing, Screening, Washing Plant, Whi Mid-225 Tons Per Hr. SC 4210-97-CL-E04, Dec. Fire Fighting Equip Set: Trk Mid; Brush, Class 5308; Oversees. SC 4210-97-CL-E09, Dec, Fire Fighling Equip Sel: Trk Mtd; Pumper, Class 530B; Overseas, Army Aircraft Crash. SC 4920-99-CL-A65, Dec, Aircraft Maint Tool Set, Airmobile, CH-47, Org. Moint, Airmobile Div. SC 4920-99-CL-A67, Dec, Aircraft Moint Tool Set, Airmobile, UH-1, OH-13, Org Maint, Airmobile Div. SC 5180-97-CL-E04, Nov. Carpenter's Tool Kit, Engr Squad. SC 5180-97-CL-E05, Nov. Corponter's Tool Kil, Engr Platoon.

SC 5420-97-CL-E10, Oct, Fixed Bridge, Steel; Highway, Semi-perma-nent; JO Ft Lg Span. SC 5420-97-CL-E19, Oct, Fixed Bridge Conversion Set, Railway Through Truss, To Convert End Posts Slaped to Vertical. SC 3420-97-CL-E31, Oct. Repair Equip, Aluminum Floating Eridge; Repair and Maint Comp of M-4 Floating Bridge.

TECHNICAL BULLETINS

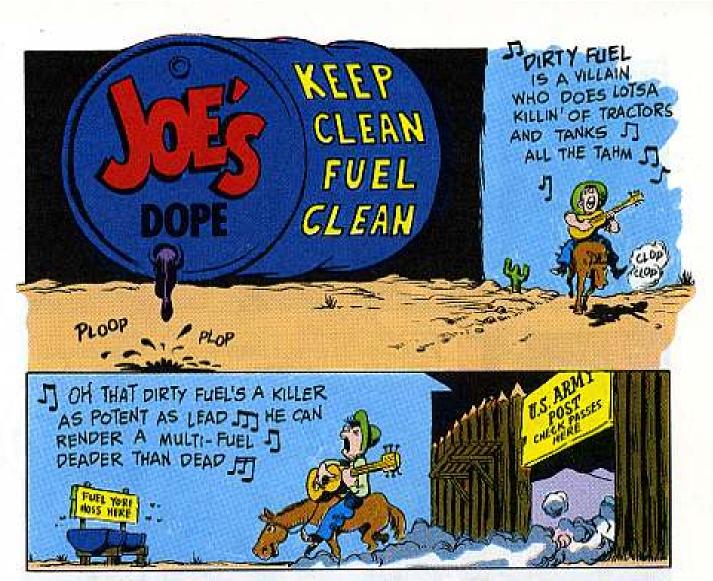
TB 9-1425-300-25, Dec, Sergeant, TB 9-2300-295-15/2, Jan. M715 1 1/4 -Ton Cargo Truck; M725 Ambulance. T8 55-1500-208-30/2, Jan, OH-23, TB 55-1510-204-30/3, Dec. OY-1. TB 55-1510-204-30/4, Jan, QY-1, TB 55-1510-205-20/2, Jan, U-1. TB 55-1520-209-20/25, Jon, CH-47. TB 55-1520-214-30/3, Dec. OH-6. TB 55-1520-214-20/16, Dec. OH-6. TB 55-1520-214-20/17, Jon, OH-6. TB 55-1520-221-20/2, Jan, AH-1G. T8 55-4320-270-20, Dec, F/W, R/W TB 55-4920-222-20, Dec. F/W, R/W. TB 55-4920-224-20, Dec, F/W, R/W. TB 55-4920-228-20, Dec, F/W, R/W. T8 55-4920-316-20, Dec, F/W, R/W. TB 55-4920-349-20, Dec, F/W, R/W. TB 55-6620-319-20, Dec, F/W, R/W. TB 55-6625-747-20, Dec, F/W, R/W. TB 55-6680-258-20, Dec. F/W, R/W. TB 55-6685-302-20, Dec, F/W, R/W, TB 750-99-MISC GPS/2, Dec. F/W. R/W TB AVN 25-15, Jan. Oper of Aircraft Fuel Booster Pumps.

MISCELLANEOUS

LO 5-1940-201-12, Nov. Bridge Erection, Boot, Marine Equip Sys. LO 5-2420-218-12-1, Nov. Wheel Tractor, DED, w/Backhon and Front Loader W/Eng IHC 80-154. LO 5-2420-216-12-2, Nov. Wheel Trector, DED, w/Backhae and Front Londer w/Engine IHC BD-154. LO 5-3740-200-12, Nov. Inserlicide Sprayer, Skid Mid; GED; 40 Gal Per Hour; Fog W/Eng. LO 5-6115-425-12, Nev, Consector Set, DED, 60 KW, W/Cumins Eng LO 9-1005-257-12, Nov. XM18, XM18EL, Permanent Subsystem. 10 9-2220-244-12, Oct, M715 1% -Ion Corgo Truck; M725 Ambelonce.

NEW CODES ON AGAZ FORM 944:

DC-Publication previously Dee Out is now Concelled.













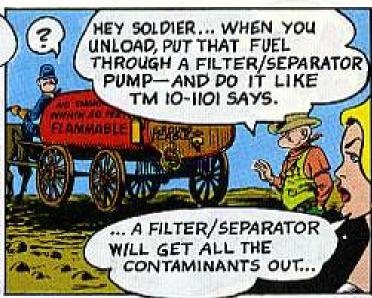






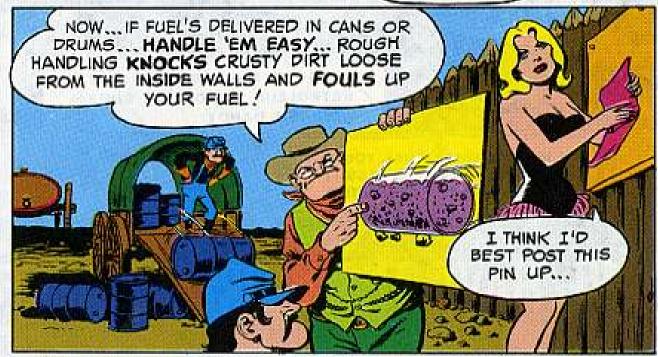


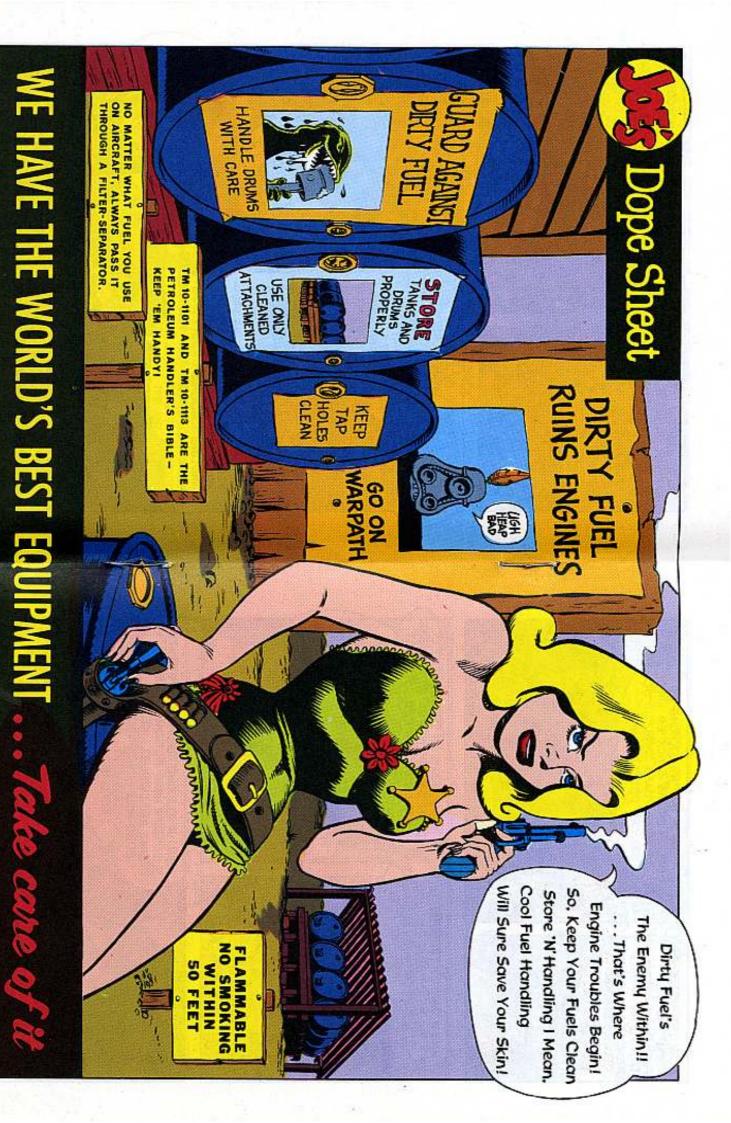




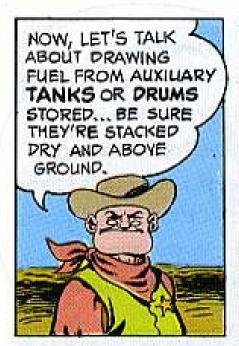




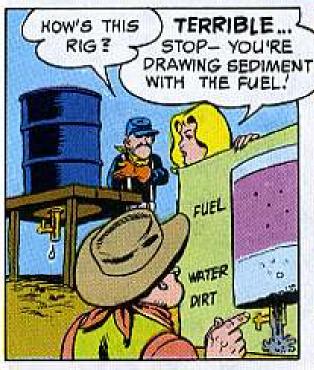




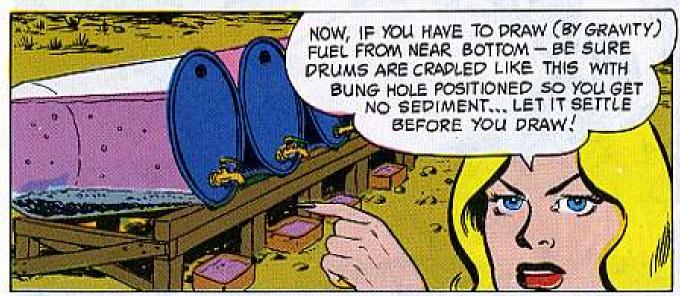
IF YOU WANT TO DISPLAY THIS CENTERPIECE ON YOUR BULLETIN BOARD, OPEN STAPLES, LIFT IT OUT AND PIN IT UP.













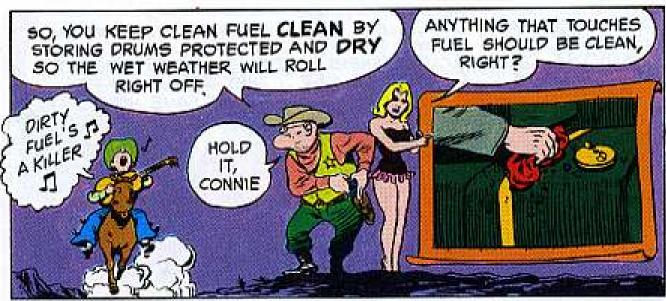






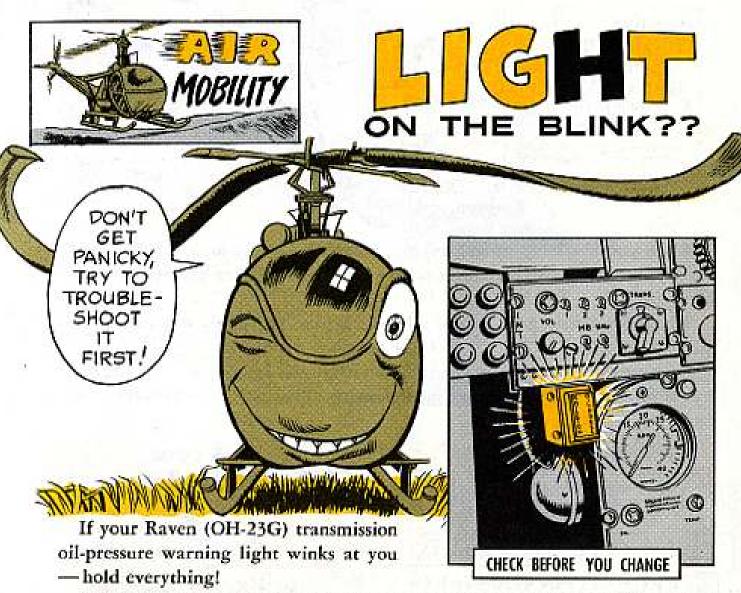


AT NIGHT, OR WHEN THE WEATHER TURNS COOL, THE AIR INSIDE THE DRUM CONTRACTS... A PARTIAL VACUUM DEVELOPS AND SUCKS IN ANY MOISTURE ON THE SURFACE OF THE DRUM.









Don't go changing the switch before you eye the troubleshooting chart, Table 7-1 in TM 55-1520-206-20 (11 Oct 65) for other possibilities. Otherwise you might be changing a perfectly good switch.

If there's a drain hose on the transmission oil pump—they're on all "G" models before serial number 64-15176—it could be the problem.

Seems that air enters the hose and can be sucked past the pump impeller seal, setting off the low-oil-pressure warning light.

To draw oil instead of air, follow the corrective action in the chart.

- Disconnect the drain hose and toss it.
- Screw in a pipe plug at the pump.
- Cap the tee fitting where the other end of the hose was connected.
- Lockwire the plug, and you've get a permanent fix.



You won't run into this problem on later models—they don't have a drain hose.



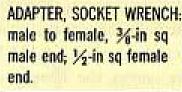
When you hustle up to tech supply and ask for a tool to do a job, you and the supply sergeant should agree on the tool nomenclature and what it looks like.

Which is a pretty good reason why mechanics and supply types are giving SC 4920-93-CL-A71, Ch 1 (31 Oct 67) the once-over-lightly.

Here are the tools that make up the four sets and what they look like. Don't fret if some of your tools don't match exactly. Variations exist between manufacturers.



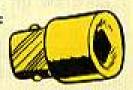




FSN 5120-240-8702



ADAPTER,	SOCKET WRENCH:
	female, ½-in sq
male end	d; ¾-in female



2 3

maie	to ter	naie, .	2-in sq	
male	end:	%-in	female	
end.	11000000		A SOMEON AND	
unu.				



ADAPTER, SOCKET WRENCH: male to female: 1/2-in sq male end; 34-in sq female



FSN 5120-227-8088

FSN 5120-240-8703



3 3

end.

ADAPTER, SOCKET WRENCH: male to female; 3/4-in sq male end; 1/2-in sq female end.



FSN 5120-144-5207

ANALYZER KIT, IGNITION: (See Note A)



FSN 4920-930-3569

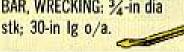
c/o the follow	ring:	
FSN	Item Name	Qty
4920-603-1369	Ignition Analyzer	1
6620-329-0600	Lead Assy, Elect	1
6150-925-4534	Lead Assy, Elect	1
6150-925-4535	Lead Assy, Elect	1
6150-925-4573	Lead Assy, Elect	1
6150-925-4623	Lead Assy, Elect	1
6150-925-4624	Lead Assy, Elect	1
6150-925-4625	Lead Assy, Elect	1
6150-925-4627	Lead Assy, Elect	1
6150-925-4657	Lead Assy, Elect	1
6150-966-2261	Lead Assy, Elect	1
6620-329-0601	Lead Assy, Pick Up	1

APPLICATOR, DECAL: plastic, hand type.



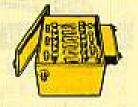
FSN 5120-628-5569

BAR, WRECKING: 3/4-in dia



FSN 5120-293-0665

BATTERY, STORAGE: 12cell; 24v, 36 amp hr cap; 5 hr acid electrolyte: 2 term, w/vented fill cap. (See Note B)



FSN 6140-248-6148

2 4

BATTERY FILLER, GRAVITY: jug type, w/pitcher type hdl; 4-gt natural or synthetic rub; 18-in hose; 8-in Ig x 8-in w x 12-in h overall.



FSN 6140-635-3824

BATTERY FILLER, SYRINGE: 6-oz rubber bulb; rigid bent noz, 103/4-in lg o/a.



3

BLADE, HAND HACKSAW: HSS, all hard, 24 teeth per in; 0.025-in thk; 10-in blade.

FSN 5110-237-8107

BRUSH, FILE CLEANER: wire 1/4-in clear of block; 0.010 dia; 41/2-in x 13/6in brushing surface; incl brush & scorer; 9-in lg o/a.



FSN 7920-224-7987

BRUSH, PAINT: flt, syn fil: sq edge, 1-in thk, 4-in w; 33/6-in min exposed lg.



FSN 8020-245-4519

2 3

BRUSH, VARNISH: fit; hog bristle, chisel edge; 1/2-in thk x 11/2-in w, 21/4-in min exposed lg.



FSN 8020-260-1305

BRUSH, WIRE, SCRATCH: S wire, curved hdl; rocker rect face; 11/4-in to 11/4-in lg clear of block, four rows w; 18 rows lg; 51/2-in to 614-in lg brush part; 131/₁₆-in to 14½-in lg o/a.



FSM 7920-291-5815

46

CABINET, STORAGE: S.O.D. No. X24087 of Fed std 595; enameled fin; o/a dim 27in d x 351/2-in h x 25-in w.



FSN 7125-330-0130

50-ft o/a lg. ed, male & female plugs No. 34 AWG: syn rub cover No. 16 AWG: 65 strands ELECTRICAL: 2 cond, 600v; CABLE ASSEMBLY, POWER

FSN 6150-240-8024

1 2 3

CALIPER, OUTSIDE: spg



FSN 5210-229-3049

CASE SET, TRANSPORT &



FSN 8115-663-0213

amp max taper charging; CHARGER, BATTERY: rectifier, 6 to 60v charging; 12 ph. (See Note K) 115/230v; 50/60 cy; sgle



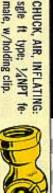
FSN 6130-222-6204

in w cut; 4-in 1g o/a. CHISEL, COLD, HAND: 1/2-FSN 5110-234-1927

CHISEL, COLD, HAND: 1/2-

2 3

in w cut; 53/4-in lg o/a. c FSN 5110-186-7107



FSN 4730-277-6948

ا 3

size; 1%-in deep throat rating; cast frame; 3-in CLAMP, C: light service 3,000-lb test load.



FSN 5120-180-0907 4 6

ing; 6-in size; 21/4-in deep CLAMP, C: med service ratthroat; 11,250-lb test load



2 6

FSN 5120-203-6431

crevice tool, extention. OPERATED: hand, w/brush, CLEANER, VACUUM, AIR



FSN 7910-807-3704

cing comps, gap gage, spa PLUG: c/o chest, clnr & holders; vibr unit. cers, insp It; noz pkg; too tstr; clnr & gapping tools CLEANER & TESTER, SPARK



FOR 200

BO

RIGH

BSU

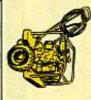
FSN 4910-786-9271

type, fxd lev hndle w/loci NPT, male; 2nd end spigo' plug turn; 1st end 3/4-14 stop; 2-way, 2-port, 90 deg COCK, PLUG: Br; w/ad



FSN 4820-528-2924

COMPRESSOR, RECIPRO (See Note K) drive; 3-hp, 8 cfm; 175 psi pneumatic tires; gas eng air, hand trk mtd; 2 wheel CATING, POWER DRIVEN:



FSN 4310-752-9632

male conec. COUPLING, GREASE GUN: flush noz; 1/27NPT fe



FSN 4930-200-1841 12 12

tions; hyd noz, 1/27NPT S, 360 deg swvl; 8 lkg posi COUPLING, GREASE GUN female conec.



FSN 4930-585-0209

12-18NPT fluid female DISCONNECT: stght S bdy COUPLING, HALF QUICK male push-pull coupling



FSN 4730-142-1960

DISCONNECT: stght S bdy COUPLING, HALF QUICH pull coupling. 1/4-18NPT fluid male push



FSN 4730-142-1958

hausted use FSN 4730-595 DISCONNECT: (When ex COUPLING, HALF QUICE



FSN 4730-203-0107

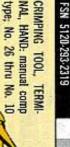
conec; fluid end, 1/4-18NPT COUPLING HALF, SELF poppet at self-sealing end 1以,in Ig o/a; thd female SEALING: strght S body is recessed.



FSN 4730-595-1813

-

CRIMPING TOOL, TERMI use FSN 5120-596-9313) NAL, HAND: (When exsto



FSN 5120-596-9313

end w/hole for pin hndle, %-in oping, 13%-in lg tor & strtr nut, sngle op SOCKET WRENCH: genera-CROWFOOT ATTACHMENT



FSN 5120-317-8076

SOCKET WRENCH: non wall bx; 1/4-in sq size drive ratcheting type; 12 pt open CROWFOOT ATTACHMENT Sin opng.



FSN 5120-541-4073

ratcheting type; 12 pt open 3-in opng. wall bx; 1/2-in size drive SOCKET WRENCH: non CROWFOOT ATTACHMENT





FSN 5120-541-4074

CUP, PAINT, SPRAY GUN w/cover attachment. I qt cap; clamp type; a



FSN 4940-190-5164

in tube od cutting edge, with deburring tool; sp ctr flare cutoff; 1/8-in to 11/8 feed mech type; for close CUTTER, TUBE: inclosed



FSN 5110-288-6520

cutters; 11/4 in od; 1/4 in bore dia; 0.085-in thk CUTTERS, ABRASIVE WHEE DRESSER: 2 separators, 4



FSN 5120-278-6641

w/air inlet valve, metal rectly to indicator tube; DETECTOR KIT, CARBON case; 10-ft hose, seal brkr. aspirator buib attached di-MONOXIDE: colorimetric







21½-in min 1g, 35½-in & noz type discharge ftg. min; thd plug mtg pump flow, 22 gpm @ 100 cy per DRIVEN: piston type; cont DISPENSING PUMP, HAND ft lg o/a; adj intake pipe, 1-in id, nom hose size; 20 hd, for 2-in bung opn; hose



FSN 4930-276-0087

1 3

cutter wheel type. HAND: 11/4-in dia revolving DRESSER, ABRASIVE WHEEL

FSN 5120-223-9952

ABLE: 1/4-in nom size. DRILL, ELECTRIC, PORT-

FSN 5130-226-5384

use FSN 5130-226-5384) DRILL, ELECTRIC, PORT ABLE: (When exhausted

FSN 5130-889-8993

DRILL, HAND: w/side hndle

and hollow wooden end rachet; 0 to %-in cap. handle; single spd, w/o

DRILL, SET, TWIST: HSS, FSN 5110-293-3411

1 3

60 to 1 size rg; 60 drills stght rd shank; rh cut; No.

FSN 5133-449-6775

WRENCH: 1/2-in sq end; 5-EXTENSION, SOCKE

FSN 5120-243-7326

WRENCH: 12-in sq end; 10-EXTENSION, SOCKET



ED: screw-in type, plastic ough 2-in dia striking face.

FSN 5120-293-2997

FACESHIELD, INDUSTRIAL

in w; 0.040 to 0.060-in thk

mtg, cast iron, renewable FSN 4240-439-3450 comp seat; w/tailpiece gear supported; 6-in lg,11.5 mask w/forehead guard FAUCET, SINGLE: for horiz edges unbound, tiltable_ho replaceable clear plastic

sup conec; 2-in NPT, male ever hndle, w/gooseneck

supt & Loking device. FSN 4510-640-0944

hausted use FSN 4820-528 FAUCET, SINGLE: (When ex-

FSN 4510-277-7174

fl type, dble cut bastard edges; 8-in heel to pt. face; dble cut bastard ILE, HAND: American patt

FSN 5110-249-2848

CLEAN

KEEP

Il type, dble cut, sm faces sgle-cut sm edges; 10-in FILE, HAND: American patt

FSN 5110-249-2850

rd type, dble cut bastard

FILE, HAND: American patt

face; % in dia of largest

sect; 8-in heel to pt. -

separator; I press type mtd, 3 gal porm, 1/2 gal DRAULIC SYSTEM: caster FILLER & BLEEDER, HYgage 0-60 psi scale rge tank cap; w/o air & fluid FSN 5110-234-6551



FSN 4910-580-9750 irol valve, w/safety valve

FSN 5120-221-1597 Strght, 8-in lg o/a. FORCEPS, SHEET HOLDER

and 12-in blade cap; 3 to 3%-in deep throat. adj, pistol grip hdl; 10-in FRAME, HACKSAW, HAND



1 1 3

2-qt cap; strght rigid spout FUNNEL: S, w/o strainer



FSN 7240-230-2397 1 2 2 3

cap; rigid spout w/remov FUNNEL: S, givd fin; 8-qt able strainer.



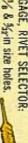
FSN 7240-244-1206 2 3

in NPT male conec, w/ac div; 21/2-in dial; S case, 1/4 intervals, 25-lb graduated accuracy rating: 2504b fig scle, 0-1,500 psi; 0.5 pcl INDICATING: sngle bour don tube, br, sngle reading GAGE, PRESSURE, DIAI



1 1 3

GAGE, RIVET SELECTOR





GAP SETTING. FIXTURE, SPARK PLUG

FSN 4920-700-4476

FLARING TOOL, TUBE

FSN 5120-620-1261

(Transfer to FSN 5210-620

GAGE, RIVET SELECTOR

of flare produced; capable tubes; 74 deg inclu angle %, %, %, %, and %-in ed style; for 1/6, 1/6, 1/4, HAND: comb. self-contain-

1 3 Ig 0/a. gle dual ft type; 121/2-in graduated div; 30 deg aning air infltd tires; calibrtd 10-60 lb rge; 1-lb small SELF-CONTAINED: for test GAGE, TIRE PRESSURE

of dble flaring %, 1/4, %,

FSN 5120-541-6662 %, 1/2, %, and 3/4-in tubes

FSN 4910-204-3170

line, 120v line to neut, sgle 3 kw ac, 60 cy, 240v line to skid-shock frame mtd; opn phase; 208v line to line w/radio interfer suppres; GENERATOR SET, GASC 120v line to line, 1 & 3 120v line to neut, 3 phase; LINE ENGINE: air cooled



FSN 6115-017-8237

w/dolly, air-cooled, wheel GENERATOR SET, GASO LINE ENGINE: 28v. dc, 3 kw

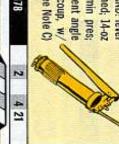


FSN 4920-938-8363

w radio inter sup. (See 9.3 kw, 28.5v, dc, two wire; GENERATOR SET: portable, rub tired, whl mtd; 7.5 to



cap; 6,000 psi min pres; loader fitting, (See Note C) 61/2-in lg rigid bent angle GREASE GUN, HAND: lever tube ext, hyd coup, w, oprted, sprg primed; 14-oz











hy dty med grip, 6-in dia x BENCH, HAND OPERATED GRINDING MACHINE, 1%-in the man grit whi



ed use FSN 4520-915-7789) PORTABLE: (When exhaust HEATER, DUCT TYPE

HEATER, DUCT TYPE

FSN 4520-203-0224

cy, sgle ph, tilt workrest GRINDING MACHINE. dia dble-end spdl; 3,450 UTILITY: bench mtg. %-in wheel; 1/2 hp, ac, 115v, 60 rpm; 7-in dia x 1-in thk



GUN, AIR BLOW: stght de able tip, 1/2-18NPT male 5 cfm cap at 50 psi; remov ton optd, w/hang-up hook sign, finger grip hdle, but-

FSN 4940-241-3075

ed use FSN 4940-785-1162) GUN, HEAT, ELECTRIC PORTABLE: (When exhaust

HANDLE, FILE, WOOD: med

FSN 4940-357-1369

41/2-in 1g o/a. size, 11/4-in dia hand grip

FSN 5110-263-0349

end; 121%, in 1g o/a. hinged flex type; 1/2-in dr HANDLE, SOCKET WRENCH:



HANDLE, SOCKET WRENCH FSN 5120-221-7958

end; 9-in min Ig o/a. reverse richt type; 1/2-in dr WOOD: 61/2-in lg o/a; 11/2-HANDLE, SOLDERING IRON FSN 5120-230-6385























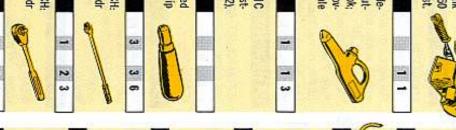






















5120-222-3336	material clmpd.	om rivet size; 0 to 1/4-in	E: forceps oprted; 3/2	DEK, SHEET MEIAL,
10 10 30	1	1	7	,

use FSN 5120-222-3336) HOLE: (When exhausted HOLDER, SHEET METAL

FSN 5120-356

HOSE ASSEMBL

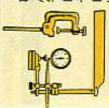
(Tr to FSN 4720

tings; 25 ft lg. Norm id, w/Norm NPT fit-HOSE ASSEMBLY, RUBBER:



FSN 4720-356-8577

graduations; 0-100 dial clamp attach & tool post pingr cont pt action; w, holder w/upright spindle settings cont pt on back; in nom dia o/a, adjble dial mrkngs; 0.200-in rg: 11/2-INDICATOR, DIAL: 0.001-in



FSN 5210-277-8840

supplemental btry. (See mag leads, instr book, less calibrtd scles, w/battery, plemental pivot arms, 10 body assy, w/case, 7 supmm complete w/14 mm TION IGNITION TIMING: 18 INDICATOR, PISTON POSI-







cold cyl.

FSN 6685-566-5202













1577	356-8577).

self-contained, 5 ton cap; JACK, HYDRAULIC, HAND.

→	6	•				
8-in closed ht, 21-in ex- tnded ht; sngle pump, w/	Self-control 10 ton can-	FSN 1730-540-2343	screw extn.	tended ht; sngle pump w/	51/2-in closed ht, 15-in ex-	sen contenied, a ton cabi



1	imp, w/
2 2	

screw extn.



See Note F)

201	5120-595-9245	SET, SOCKET HEAD EW: L-type handle, hex 0.035-in tp 5/6-in w ss flts; 12/32-in to 6/3- arm; 15 keys in set.	
	1 2		1202
	2 3		9

FSN 5120-595-924	245	1 2	3
FSN	SIZE		
5120-198-5400	0.035	5120-242-7411	7/2
5120-198-5401	0.050	5120-224-4659	7
5120-198-5398	×	5120-240-5274	×
5120-224-2504	24	5120-198-5390	22
5120-242-7410	3%	5120-198-5391	7
5120-240-5292	76	5120-240-5268	200
5120-198-5392	Se.	5120-224-2510	25
5120-240-5300	ж,		

100	3/
KNIFE	NEVER
-000	PRY C
11	OPEN
	CAN





9 rungs, 131/6-in 1g w/ TENANCE: wood, 127-in lg: LADDER, AIRCRAFT MAIN

FSN 1730-253-9982

8-in Ig o/a; on level vial non-gradutd & ungr. face, adj to true vials only, LEVEL, BENCH: CI, sngle



FSN 5210-241-3623

lar type, non-folding frame FSN 6675-244-0446 LEVER, LEVEL ROD: circu



lg o/a; one level vial nongraduated and ungr. sngle face; nonadj, 3½-in LEVEL, POCKET: al or br,



FSN 5210-293-0563

teduseFSN 6657-244-0446) _EVEL ROD:(When exhaus-

FSN 6675-507-0645



lamp med base, 3 cond cable 100 ft lg excl term LIGHT, EXTENSION: 100m hdl explan-proof globe. w/guard, hook, phenolic



FSN 6230-268-9246

3 lead type; 41/2v btry LIGHT, IGNITION TIMING Ig high tension lead, spng wire leads; 48-in lg pos lg, 31/2-in w, 4-in h exclu rect sh met case; 81/2-in clip term. (See Note E) lead, 48-in neg lead, 48-in reqd; neon bulb element



FSN 5910-255-1449

--

w/25-ft ig hose, hyd ftng psi max press developed elect optd, 12v, dc, 12,000 OPERATED: 25-lb tnk cap. coup; 4 rub tired wheels LUBRICATING UNIT, POWER







FSN 4930-806-7970

assembly. LUBRICATOR: Bearing



FSN 4930-131-9587

hausted use FSN 6650-527 MAGNIFIER: (When ex



FSN 6650-256-9058

in dia, 5X power; plas frme, self-illmnted; 2 cir lens, 2-MAGNIFIER: monocular, plas or intl removable hdi See Note E)



FSN 6650-527-7451

MAINTENANCE PLATFORMS w/o locks, equipped w/ 44½-in w, 123-in h. around platform; 131-in Ig. working level; I S pl workhyd adj type; 3 to 10-ft h adder & safety guards ing platform w/four whis,



FSN 1730-390-5618

MAINTENANCE PLATFORM

w, 54-in h, 104-in lg o/a 2 casters, w/o locks; 30-in magnesium wrkng plffrms; 4-ft working level ht; 2 man adj type; 2-ft 3-in to



FSN 1730-624-0684

2 3

1730-390-5618). (When exhausted use FSN MAINTENANCE PLATFORM



FSN 1730-897-8379

MEASURE LIQUID: 2 qt. cap w/flex S spout & flow cont



MULTIMETER: (When ex FSN 7240-255-8113

hausted use FSN 6625-553



ŏ× NEED TOOLS

dc in 7 steps; 0 to 1,000v in 5 steps; 50 ua sensitivac in 6 steps; 0 to 10 amp MULTIMETER: 0 to 5,000v dc in 8 steps; 0 to 10 mego ty, mtl case, w/adptr; test

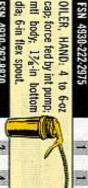


leads, cords. (See Note E) FSN 6625-553-0142

rh, 30 deg angle of seat; mium-pltd, 1/2-18NPSM-2 NIPPLE, TUBE: brass, cad-

以·in 图 0/8. FSN 4730-287-1589

curvd rigid neck; 32-oz cap OIL GUN, PNEUMATIC:



FSN 4930-262-8870

chings; br or bronze case bolt locking; 10,000 key shackle closing 13/6-in. and shackle; 9-in chain; PADLOCK: pin tumblr, dead



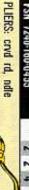
FSN 5340-682-1508 4

fin; 31/2-gal cap PAIL, METAL: iron or S glvd



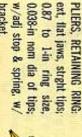
FSN 7240-160-0455









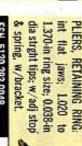




rng size, 0.070-in dia strght ext flat jaws; 1.430 to 2-in PLIERS, RETAINING RING: w/bracket tips; w/adj stop & spring



FSN 5120-293-0049



PLIERS, RETAINING RING: int fit jaws, 1.750 to 2-in ring size; 0.070-in dia strott the wast ston &	FSN 5120-293-0048	038-in
		No.

RETAINING RING- lat jaws, stright tips, to 3.5-in ring size, in nom tip dia, w/o	5120-293-0045	RS, RETAINING RING: t jaws; 1.750 to 2-in size; 0.070-in dia t tips; w/adj stop & g.
		W
M	1 3	B
- 0		-

181

8

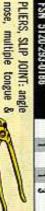








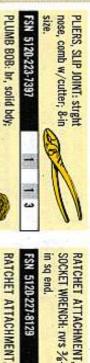
FSN 5120-29











6 oz; remov non-adj top hrdned remov pt; 71/2:ft men cord

PREOILER, PICKLER, MUL. FSN 5210-238-3298

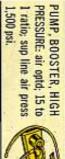
1 3

spries. (See Note G) plete w/gun assy & acces-TI-PURPOSE: 28v, dc, com-

date w/FSN 5210-212 PROTRACTOR: (Consoli FSN 4920-769-3376

prop & rotor blades. equip & checking angle of used for precision mtg of PROTRACTOR, ASSEMBLY:

FSN 6710-047-2909



FSN 5220:212:8747

outlet end conec, w/30-in UAL: sngle act, 1 cyl, untho PUMP, INFLATING MAN Ig hose; 0.302-32 NS end FSN 4320-390-9556

FSN 4320-852-9036 conec; female stationary

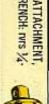
PUMP, INFLATING, MAN UAL: (When exhausted use FSN 4320-852-9036)

FSN 4320-473-6348

SOCKET WRENCH: rvrs 1/4 RATCHET ATTACHMENT











48

FSN 6670-254-4634



















SOCKET WRENCH: rvrs 1/2

sq end. (See Note H) FSN 5120-243-7322

closed ig; 26-in ext ig max NETIC: telescopic 161/4-in RETRIEVING TOOL, MAG

FSN 5120-545-4268

- 3

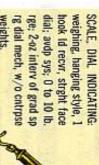
and countersunk rivet hds strght hd, for cherry rivets w/pulling heads, brazier RIVETER, BLIND, HAND 1%, 3%, 3%-in dia rivets

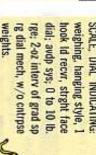


weighing, hanging style, SCALE, DIAL INDICATING 1/2-lb max grad; sprg type dial avdp sys; 0 to 4 lb rge hook id recvr, strght face

1 1 3

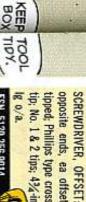
FSN 6670-240-5819 mech, w/o cntrpse wghts

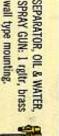












FSN 5120-256-9014



oping.

FSN 5120-189-7934

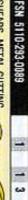
FSN 4940-242-4100

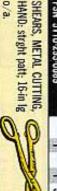




FSN 5110-273-0128

HAND: strght patt; 121/2-in SHEARS, METAL CUTTING, E 0/2 1 3











FSN 5120-711-8554

FSN 5120-189-7928 oping, reg light.

%-in sq dr; %-in sq oping

l-in lg o/a.





%-in sq dr; %-in sq opng

in 18 0/3.



FSN 5120-180-1015

1 3

SOCKET, SOCKET WRENCH %in sq dr; 12 pt, 以in



WRENCH: pt. %-in	133	
	-	
	and a	

SOCKET, SOCK

FSN 5120-189-7

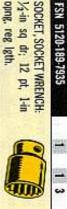
7-in sq dr;

PI,	
14.8%	WRENCH:
	0.00
1	0
	1

ENCH:	
	3

1/2-in sq dr; 12 pt. SOCKET, SOCKET WI

FSN 5120-189-7935





opng, reg igth.

FSN 5120-189-7927





FSN 5120-189-7913 oping, reg light.





FSN 5120-189-7914 oping, reg ligth.







FSN 5120-189-7917 oping, reg light







opng, reg 18th





Pin/key type; %-in sq dr; SET, SOCKET WRENCH: SPANNER ATTACHMENT % to 4-in cap; 3 pin arms, key arm



FSN 5120-596-8652

SOLDERING IRON, ELEC-TRIC: (When exhausted use FSN 3439-853-8760).

FSN 5210-078 8949

FSN 3439-241-3221

ac, 55 w, w/thermosta deg bent spci shape; 115v screwdriver shape; 2 90 stright spcl shape; 3 stright strght conical shape; 1 SOLDERING IRON, ELEC conec, case. TRIC: 1% lb, 9 tips;



FSN 3439-853-8760

screw type fstng; %-in dia tip, 28v, 100 w, dc. TRIC: 1 lb, pyrmd shpe, set-SOLDERING IRON, ELEC-



FSN 3439-640-3760

press; 1/4-18 air hose & 3/4consumption at 50-60 lb exter mix, 8 cfm rated air. bleeder type, hand oprtd SPRAY GUN, PAINT: nonw/suction feed cup. deg incl bevel taper sear size; strght pipe thd w/60 18 fluid hose conec thd



FSN 4940-261-8413

When exhausted use FSN SQUARE, COMBINATION 5210-078-8949).

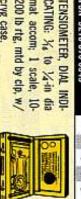




SQUARE, COMBINATION:







CATING: 1/4 to 1/4 m dia 200 lb rtg, mtd by clp, w/ mat accom; 1 scale, 10-

FSN 6635-530-1128

cryg case.

use FSN 6635-530-1128. CATING, DIAPHRAGM AC TUATED: (When exhausted TENSIOMETER, DIAL INDI-

FSN 6635-566-5210

sp gr rge w/thermometer; deg F temp rge; integral minus 60 deg to plus 165 correc chart. bbl. 1 float; 1.000 to 1.35 TROLYTE SOLUTION: 1 gls TESTER, BATTERY, ELEC.



gages, flex extensions 9 each 14 & 18-mm adap PRESSION: direct type, w/ ters; dial-indicating press valve assys.

TESTER, CYLINDER, COM FSN 6630-171-5126

FSN 4920-086-6851

exhausted use FSN 6605 PASS, SWINGING: (When 055-7658). (See Note I) TESTER, MASTER COM

FSN 6605-807-2969

PASS, SWINGING TESTER, MASTER COM



FSN 6605-055-7658

MODRING.c/a: (See Note J) TIE DOWN KIT, AIRCRAF FSN 1730-491-0330

INSTALLING: (Transfer to

TOOL KIT, WINDOW SEAL

FSN 5180-329-3318)

2 21

4020-298-3394 1730-492-3805 1730-243-9064 1030-641-0321 730-492-3017 730-492-3134 730-492-3018 730-492-3519 Spoiler, Assy, A/C Moor. Rod, Aircraft Mooring Eye, Aircraft Mooring Driving Tool, Anchor Case, Mooring Kit Pin, Aircraft Mooring Fibr Rope Assy, Sgle Ig Anchor, Guy TEM NAME 15 ea 15 ea 15 ea 1 00 1 ea

ELECTRICAL: (Transfer to FSN 5180-422-8594) TOOL KIT, AUTOMOTIVE

FSN 4920-422-8594

opn end midget wrenches ELECTRICAL: c/o 9 dbte ho oliers, screwdriver, roll TOOL KIT, AUTOMOTIVE



2 3

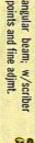
5120-277-8314 5120-277-8313 5120-277-8312 5120-277-8311 5120-277-8310 5120-277-8309 5120-277-8308 5120-277-3414 WRENCH, OPEN END FIXED %& ¼·in 光品光市 787年 % & %zin %2 & Xe-in 1,2% 8 1% ir 18 11 18 m 128 % in SIZE RIGHT THE



FSN 4920-329-3318

INSTALLING: in roll. TOOL KIT, WINDOW SEA







FSN 5210-221-1850

WRENCH, 1/2-in sq end JNIVERSAL JOINT, SOCKET FSN 5120-269-797





FSN 5120-293-1439

vitrified bond, gr P; 7-in med gr. spacing No. std wheel, all oxide, 36 gr, hole mtd, %-in dia. dia, 1-in thk o/a; arbor WHEEL, ABRASIVE: strght



FSN 3460-187-8681

med gr, spacing No. std wheel, all oxide, 90 gr hole mtd, %-in dia. dia, 1-in thk o/a; arbor vitrified bond, gr M; 7-in WHEEL, ABRASIVE: strght





MORE

ed muslin, 60 ply, 6-in od; thru arbor hole, w/o face-12-in this face; 12-in this WHEEL, BUFFING: bleach



FSN 3460-516-4636

& 11/8-in opings; 151/6-in min, 18-in max lg o/a. set, dole hd, 12 pt, 11/4 in WRENCH, BOX: angular off-

FSN 5120-228-9521

1 3

& 1%-in opngs; 17%-in set, dble hd, 12 pt, 11/2-in min, 191/2-in max lg o/a. WRENCH, BOX: angular off

FSN 5120-184-8676

<u>-</u> د

0.760-in jaw opng, 6-in lg JUSTABLE: sgle-hd, 0 to WRENCH, OPEN END AD



FSN 5120-264-3795

1 1 3

0.947-in jaw opng, 8-in lg JUSTABLE: sgle-ind, 0 to WRENCH, OPEN END AD-

FSN 5120-240-5328

<u>۔</u>

WRENCH, OPEN END AD-

1.698-in jaw opng, 15-in lg JUSTABLE: sgle-hd, 0 to

FSN 5120-423-6728

1 1 3

angle; 1-in & 11/6-in opngs, FIXED: dble hd, 15 deg WRENCH, OPEN END ス古 ま bd 10% 古 B

FSN 5120-187-7133

3

WRENCH, OPEN END gle; 11% in & 11%-in opngs, FIXED: dble hd, 15 deg an-12-in thick hd, 11%-in lg o/a.

FSN 5120-187-7134

52

WRENCH, PIPE-strap style, 1/6-in to 1-in ips; 12-in o/a

1 3

1-in to 5-in ips; 18-in ly WRENCH, PIPE: strap style



NO.

BUSTER

_ __

Jaw /-in ig o/a.

FSN 5120-277-4243

23

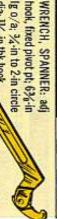
sacket T-type, fxd hadle WRENCH, SOCKET: single %-in hex socket; 4-in nom

FSN 5120-777-3436

socket T-type, fxd hndle nom ig o/a. %-in hex socket; 71/2-in WRENCH, SOCKET: single

FSN 5120-777-3441

dia; 1/22-in thk hook. Ig o/a; %-in to 2-in circle hook, fixed pivot pt; 6%-in



FSN 5120-288-6468

MAE

NCHES

SH

to 3-in circle dia; 13/2 in hook, fixed pivot pt; 11/2-in



FSN 5120-277-9075 -

hook, fixed pivot pt; 2-in to WRENCH, SPANNER: adj 4%-in circle dia; 1%-in



FSN 5120-277-9076

solidate with FSN 5120-513-1753). WRENCH, SPANNER: (Con-



FSN 5120-317-8095

sq male drive, 5-150-in-lb cltch indctng mech; 1/2-in torq mech, w/aud & slip frme end dr, micro adjble



I III

821-3441. exhausted use FSN 5120 WRENCH, TORQUE: (When



ਰ

mech; %-in sq male dr frme end dr. micro adjble 100-750-in-lb cap; w/case. torq mech, w/aud indctng WRENCH, TORQUE: rigid

FSN 5120-821-3441

FSN 5120-270-3121

citch indetag mech; 3/4-in cap; rh & lh dr, w/case. sq male dr, 100-500 ft-th frme end dr, micro adible WRENCH, TORQUE: rigic torq mech; w/aud & slip

FSN 5120-902-3550

WRENCH, CONNECTOR open end, 3/4-in opening NUT, SPARKPLUG: single



offset box, 12 pt, w/hole for pin handle; 0.566-in

WRENCH, STARTER, AT

opng; 12-in lg o/a.

cap; w/case. WRENCH, TORQUE: rigid

2 3

cltch indctng mech; 1/2-in sq male dr, 700-1,600-in-lb torq mech, w/aud & slip frme end dr, micro adjble cap: w/case. WRENCH, TORQUE: rigid

2 3

TACHMENT NUT: sngle hd.

1 3

recips only. It won't come with your set. Per-Overseas or CONARC commander. mission to get one can be authorized by NOTE A: This item's for units working on

wheel-mounted generator set, FSN 4920-938 NOTE B: You gotta have this item if you have

in their flock grease gun for each pair of birds they have NOTE C: Flapwing units can get an additional

get one when it's authorized by Overseas or CONARC commander. find this heater in your initial issue. You can NOTE D: Don't get overheated if you don'

NOTE E: You can't get any juice, Bruce? Order batteries from USAECOM. Check SB 11-6 (June 64) to see how many you can have

get 3 jacks. (U-1A) types. But Seminoles (U-8) units can NOTE F: Hands off it you're Old Reliable

servicing aircraft recip engines. NOTE G: This is 8 item only for units

copter types keep hands off this NOTE H: Everybody but utility and cargo heli wrench!

with Set C. engines you can get 2 each of these testers NOTE 1: If you take care of R2000 or R2800

Overseas or CONARC commander you need more, .21 can be authorized NOTE J: Normally you get 2 tiedown kits. If ş

from the Managing Activity (MA) tool set. Just order it as a separate NOTE K: Don't fret if this item is not





106 radio set, but you're not getting through. So you're talking up a storm with your AN/GRC.

good reason. sending out the word hasn't got a chance of a snowball in the RF section of doing its job. And for a Could be that the whip antenna you figure is

through with it. The adapter connector holds open adapter connector on the 50-ohm line after you're the antenna switch, taking the whip antenna out of All it takes is for you to leave the UG-201A/U

REMOVE ADAPTER

you with a non-working set. switch on TUNE, the high-voltage reset off the set. If you turn it off with the always on OPERATE before you turn make sure the HV RESET switch is relay won't energize. And that leaves Something else you want to do is the picture. 54 HV RESET

SWITCH HY RESET

> THE a cold set, a surge of high voltage can you have primary voltage. Why? With the HV RESET switch on TUNE until Be sure you shy away from putting OUT OF

mean a cracked neutralizing capacitor. And that puts the set out of commission.

it comes to the green triangle and gray Seems some guys get mixed up when



section during checks and adjustments, the meter being in the green or gray 5820-520-12 (25 Aug 64) talks about circle on the test meter. When TM 11bol triangle or circle. ings on the scale identified by the symit means the larger green or gray mark-

electrical special purpose cable assem-When you connect the CX-10099/U



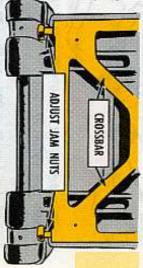
might snap. So long assembly! don't, the flexible metal piece at the same time? Good deal. If you bly to the set, do you tighten both ends Just

keep your antenna cover in one piece. It's a little thing, but it can help to

clamp on the cover. The clamp keeps antenna, put the brass antenna sheath tenna gets to whipping. the cover from splitting when the an-That is, when you're using the whip



Chalk up a busted guard hole. The handle flies into the guard as soon as it comes out of its securing guard. Some guys let go of the handle handle is too tight, it can't get past the ing the crossbar assemblies. If a release TM 11-5820-520-12 says about adjust-Another thing worth doing is what



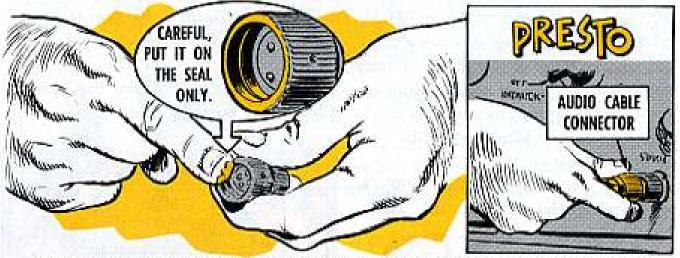
maybe a battered screwdriver. he'll do something just as bad-try to when he sees it won't go by the guard, end up with a broken guard . . . and from smacking into the guard. But pry it past with a screwdriver. He can Some other guy will keep the handle



Sure can get you mad enough to where you want to take a hammer to the audio cable connector for equipment like your RT-246 or RT-524 and RT-505 receiver transmitter. You know . . . when you have to fight to get the connector on the set.

What makes for a hard time is that moisture seal inside the connector. But it's a battle that's easily won.

Get yourself some silicone compound and put a light coat on the seal—but not on the conductors. Not only will it make it easier to put on the connector . . . the seal will be given a new lease on life.



Page 4.3 of Fed Cat C5970-IL-A (1 Feb 67) lists an 8-oz tube of the compound under FSN 5970-159-1598.

CABLES COMING UP

Don't froth, friend, trying to find a replacement cable that goes from the earphones to the switch case of your H-161()/U headset-microphone.

You'll find the CX-8652/GR special purpose electrical cable assembly, FSN 5995-051-3088, and CX-8652A/GR, FSN 5995-933-5393, listed in TB 750-911-4 (Jul 67).

These numbers are being added to TM 11-5965-262-13 (Feb 66).

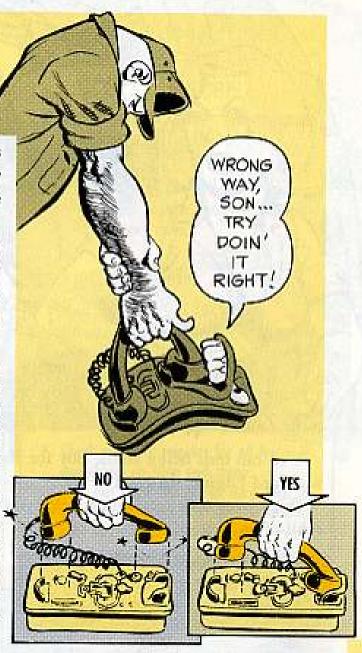
SPRING, SPRUNG,

Mighty handy . . . and it sure looks like a handle. But that handset for your TA-43/PT or TA-312/PT telephone set sure is no handle.

When you use the handset as a handle, there's a heap of strain on the retaining spring on the receiver cradle. Next thing you know, the spring is sprung.

Another thing that'll take the set out of the spring is to remove the handset from the cradle by pulling straight up ... or replace it by pushing straight down. Either way, the spring takes a beating.

The spring will last a lot longer if you take the handset out of the cradle by pushing it toward the spring and then lifting up on the cord end. And it's replaced by first holding the cord end up while pushing the other end in toward the spring.



HOT TIME IN A HIGH LINE



Dear Half-Mast,

Since TM 11-5820-348-15 (May 66) makes no reference to a caution plate for the RC-292 antenna equipment, does SB 11-614 (Jun 67), covering caution notice for antenna bases, towers, and other mast structures, apply to the RC-292?

SGT F. E. D.

Dear Sergeant F. E. D.,

Yes . . . because the SB covers many antennas, including the RC-292, which is considered "other mast

structures."



Half-Mast



& SUPPLY GENERAL

5. Check with a good torque wrench ever and extra strain can be as bad as too point where there's a torque figure . . .

6. Wipe clean and dry, refill crankcase, and

wipe up any spill.

BAD AS TOO LOOSE



7. With the shrouds off, get a big fan blow ing right on the enjyne, and start it up Get it up to 3600 RPM and run that speed

Standard Engine, 4A032-I or -II.

With your unit mechanic's help, you can put an end to that wipe-up-and

refill-often routine.

Take off the cooling system sheet-metal shrouds as TM 5-2805-203-14 (Apr 65)

2. Clean the engine good. You can use

drydeaning solvent (FSN 6850-281-1985 for 1 gall, keeping liquid out of touchy places like electric boxes and ignition.

says, and drain the crankcase.



9. Repeat the run-inspect act, but not for over an hour total.

oil a shine you can see. plenty of daylight will give gurgle-out And best not work where it's too dark;

Make sure the crankcase breather in the air-cleaner elbow is clean, so crankcase pressure won't build up to blow the seals

BREATHER

SHROUDS

DRAIN CRANKCASE...

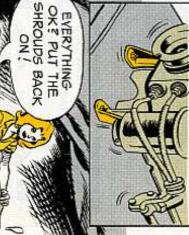
CEAN

REMOVE



8. Check every 10 minutes for oil leaks. If one shows up, stop and repair.

and fall off a table or bench - very short, disastrous test flight straight down run, bolt it down. It'll shimmy around If you stand the engine on a rack to





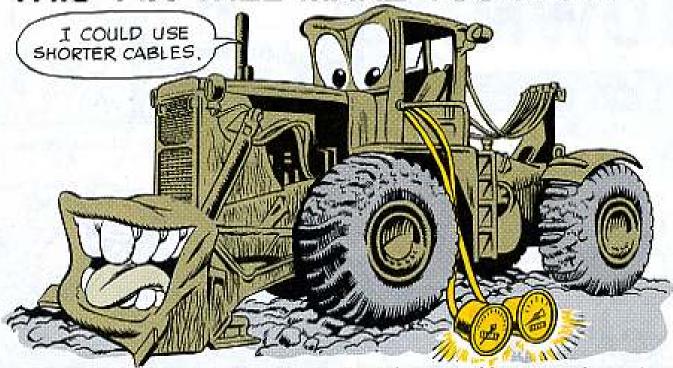
THERE





5

THIS FIX WILL MAKE YOU ABLE



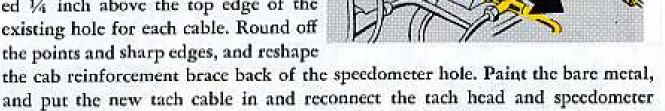
Trying to put that new tachometer drive cable, FSN 6680-732-0561, in that

290M wheeled tractor?

Here's a recipe to make it easy.

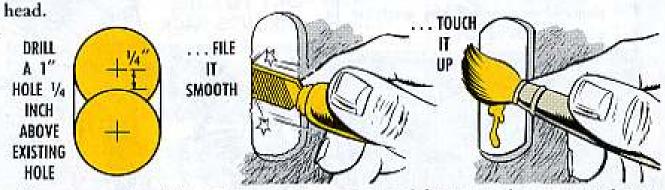
Take out the tachometer head and the speedometer head, and slip the cables to each back out the fire wall.

Enlarge the fire-wall openings for both cables so vibration won't cut them. You want a 1-in diameter hole, centered 1/4 inch above the top edge of the existing hole for each cable. Round off the points and sharp edges, and reshape



FIRST SLIP THE CABLES

OUT OF THE FIREWALL..

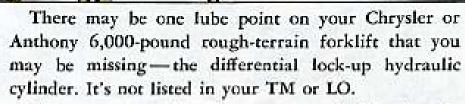


Just one caution. That clamp on the engine end fastens to the center and rear cap screws of the oil-filter housing.

And you're right—this new tach cable is 20 inches shorter than the old one.

ANTHONY AND CHRYSLER' MHE

MISSING A LUBE POINT THAT'S NOT IN YOUR TM OR LOS



It's easy to get to because you can see it right there in the driver's seat. Lift the rubber boot and make sure that OE 10 oil is within 34 inch from the top. Check it at least every two months.

Wipe the dust and dirt off of the boot and from around the top of the cylinder so it won't fall into the oil while you're checking.



Make sure that rubber boot is back in place or you'll get dirt in the cylinder for sure.

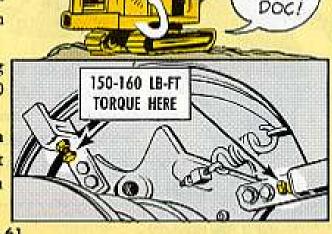
FSN 9150-265-9428 will get you a 5-gal pail of OE 10 oil.

CRANE CRIPPLER

The right torque on a capscrew can save your P&H Model 855 BG 40-ton crane much pain.

It's at the lower right of the big digging clutch (TM 5-3810-206-10 (Sep 63), Fig 39, items 6, 7, and 8.)

You want 150 to 160 lb-ft torque on the capscrew to keep the eccentric nut from backing out and letting the clutch collar break.

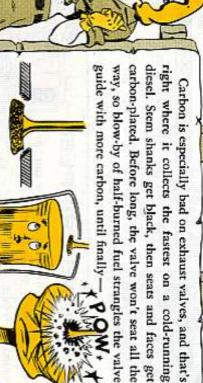


RIGHT HERE



stable seem ailing and balky? Could be you're not working them to stay ready for work. hard enough. You've got to really work a diesel if you want it Wondering why the horses in your Caterpillar D353 engine

on engines knows a cold engine carbons up fast. gets up to good operating temperature . . . and every old hand Loaded too light (especially when 2 are teamed up), it never



No Xo SÃ.

are out thru a hole in the fence. cracks the cylinder head . . . and all 290 of those horses the cylinder punches a hole in the piston and maybe breaks the valve head off. That valve head rattling in Finally the valve sticks open, and the piston hits it and

on a Cat D353, please. your start-up full speed. No slow idle Just to give a little insurance, make

533 swing. 5) filter and strainer assemblies like TM carbon, and your battery will be on 5-6115-319-15 (Oct 63) shows (pages the line when those scanners have to 54 thru 56). Clean fuel leaves lots less And it helps no end to clean fuel

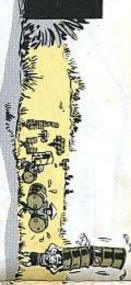
GET IN A GOOD GALLOP



you'll have.

through.

Counie Rodd's BRIEFS



る原

You've Moved!

A change of address notice is needed when your outfit moves ... if you expect your publications to keep up with you. Be sure to give the AG Publications Centers (both Baltimore and St. Louis) your new address (your old address, too) and your account number.

Today's The Day

Today is the day you send in that DA Form 2028 about the error you found in the technical manual. Send it direct to the outfit that prepared the book; the address is in the front. One copy goes direct.

Snook Sense

Hold one, Chinook users. If you have a leaky APU oil filler cap, FSN 2835-961-1412, don't rush out and order a \$21.46 replacement . . . if you can stop the leak with a 9-cent preformed packing, FSN 5330-815-3509. Makes sense, saves cents!

Shop Equipment PM

For info on care of shop equipment and tools, look up TB 750-103 (19 Oct 65), Maintenance and Care of Common Type Machine Tools and Shop Equipment. The TB also covers weekly and monthly checks and tells what TM 38-750 records can be used on shop equipment.

Forgue The Bolt

Anytime you bird types find there's no room to fit a tarque wrench an a nut, just put it on the bolt and go to the high side of the tarque range. You'll find this info, and lots more, in para 70 of Ch 1 (25 Sep 67) to TM 55:405-6 on maintenance tools. Don't miss it!

New Pub Series

The next time you want to read up on aircraft general maintenance practices reach for TM 55-1500-311-25 (26 Oct 67) because it replaces TM 55-405-1. Fact is, all the maintenance engineering manuals are being re-issued as TM 55-1500-series pubs.

Flip The Hood

To put the M4 hood (FSN 8415-261-6690) on an M9-series protective mask with a right-cheek canister, all you do is turn the hood inside out. Then you install the hood like it shows in para 17, TM 3-6522-15 (Oct 57), for a mask with a left-cheek canister.

0-1 Pilot Protection

Dan't look for an MWO to tell you how to add the pilot's armor kit, FSN 1680-943-0746, to your Bird Dog (O-1). You'll find installation how-to and parts list in Ch 6 (7 Sep 67) to TM 55-1510-202-20.

Supply Records

AR 345-215 (Nov 67) sets 31 December as the cut-off date for the document register and the document file. See Appendix C. But, remember, cut off doesn't mean the records are dead. You keep the records in a separate file by calendar year, but they remain part of your supply record for 2 years after COFF.

M60 MG Pubs

Sure, somebody up there loves you M60 machine gunners. When they superseded your M60 machine gun's bible (TM 9-1005-224-12, Sep 65), they put your share — PM poop, basic issue items list and such-like — in a pub of your very own, TM 9-1005-224-10 (Nov 67). Your armorer's partian is now in the new TM 9-1005-224-25 (Dec 67).

Trailer Mudflaps

Do you need mudflaps for your M131 5,000-gal semitrailer? Ask for Guard, Splash, Wheel, FSN 2540-860-0575, listed in Fed Cat C2540-IL-A (Apr 66).

Injector Tips

Collar breaks on fuel injector pumps can usually be stopped before they happen. The recipe is simple: a little less muscle... snug is enough.

Just see that the threads are clean, turn the brass fitting in just far enough to prevent seep — and stop turning!

5-7on Multifuel

Wanted: Two small resilient mounts. They go with the securing bracket—radiator end — fastened from the top of the radiator and to the engine on your 5-ton multifuel trucks. Founds Mount, Radiator, FSN 2930-919-2875. You can see the bracket hookup in Fig 136.1 in Ch 1 (Jul 64) to TM 9-2320-211-20 (Mar 63). Order the mount from ATACOM — RIC is B 24.

No Tire Painting

Tire painting's for the birds—gooney birds, that is. Dolling up your equipment this way is a waste of time. This time would be better spent on PM that really counts. Paint's bad for tires, too. Most paints, solvents and fuels eat into the rubber and rot it. Use water and a brush to clean your tires — that's good enough.

Matched V-Belts

Here's another number to jot down so you can have it handy — especially for that 4.2-KW, 28V, DC gasoline engine generafor set on your M577 command post). Ask for FSN 3030-684-8004 to get a matched set of V-belts. If you order by the number listed in TM 9-6115-202-24P (FSN 3030-984-7635), you'll get belts that're too short.

Would You Stake Your Life won

the Condition of Your Equipment?

