

Issue 170

PS

TNT Series

THE PREVENTIVE MAINTENANCE MONTHLY



THE COLD FACTS ABOUT ICY DRIVING

ADJUST YOUR DRIVING TO THE ROAD

TIRE PRESSURE RIGHT??

KNOW YOUR ROUTE BEFORE YOU START!

LIGHTS - MIRRORS - WINDSHIELD CLEAN??

WIPERS - WORK OK??

CHAINS OF PROPER TYPE??

Issue 100

PS

PSI Service

THE
PREVENTIVE
MAINTENANCE
MONTHLY



YOU'RE GONNA KNOW, IS --

GET
AND
USE
THAT
MANUAL



It happens . . . 9 times out of 10. The man who takes to do a job the *fast* he knows how will do it up. So, to stop that, try this: As you use and operate your Army equipment and its your maintenance, get that knowledge.

One sure way of getting knowledge is to pick up and read (read carefully) the *30 Operator's Technical Manual* if you use or operate the equipment or the *30 Maintenance Manual* if you are a maintenance man.

Don't have one?

Speak to your sergeant. He, in turn, will get the company clerk (who usually handles the paperwork on ordering parts) to send up to the post that he will order enough sets to make sure for you and others in your unit who need them. Not only that, but your GI will see to it that the *First Order Form* (DA 12-0000)

get filled out right as you'll get enough of all new manuals as they come off the press. If you need one that's already out, he'll order it as *Ext. Form 17*.

So, to get that knowledge, get that TM.

Remember you're a *Man*.

PS

10 THIRDS BROTHERS BOOKS
12440 10TH AVE. NEW YORK, N.Y.
10020 12300

BOOKS AVAILABLE 100

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THE
MAY TAKE
A WHOLE
MOON!

OPERATOR AND MECHANIC
SCHEDULED PM IN YOUR

2 1/2 TON TRUCKS

FOR RIPPING THROUGH IN THE BUSY



Here's a check-up for pulling Contractors PM on your 2 1/2-ton truck. Contractors PM is done over and above your daily PM and is usually performed over a long period of time—say 3 or 4 weeks. This is a good way to catch little bugs and avoid big deficiencies that develop between your next annual "I" service.

Contractors PM means you do a little each day. When you start is up to you—just as long as you pick up where you left off and continue until you've covered the whole check-up-and-fix list.

FOR THE DRIVER
AND MECHANIC
FOR SPOILING
EASIER!

WHAT DO
I DO ABOUT
IT?

ALL YOU GOT TO DO
IS FOLLOW THE
SCHEDULED ABOUT THOSE
THINGS. THERE
YOU GO. JUST
KEEP GOING
TILL YOU
GET TO THE
END OF THE ROAD!

Measurements can be covered temporarily by recording them on your DA Form 1004 or by having a mechanic or his maintenance supervisor transfer them to your DA Form 1008-11. And also use the checkmark symbol on your DA Form 1008-11.

Use a wash rack or pit if one's attached to check your vehicle's underside. When possible, ask a mechanic when you're in doubt about a suspected fault. To do a thorough job you'll need a ruler, the pressure gauge, pliers, screwdriver, differential plug wrench and an open-end adjustable wrench. Here we go...

This check-up is for the G742 and G740-series 2 1/2-ton trucks. Although only a typical G742 truck with modified engine is shown, most items apply to both series. And the differences between gasoline and modified engines are called out.

Besides finding bugs on your vehicle, you want to know the difference between deficiencies (should be corrected before operating the vehicle) and shortcomings (should be corrected no later than next scheduled maintenance meeting). Suggested improvements are shown here, corrections which can be delayed until convenient for your unit mechanics to handle. For the exact definition of each type fault, see AR 150-9 (Oct. 66).

Only the deficiencies will be singled out here by indicating them in heavy type. These deficiencies correspond to those in DA Form 1008-10 (Jan. 66), the G740E handbook.

HOOD—Loose, squeaky when opened, dented, out of alignment, hinges and latches missing, broken, worn, bent, loose, rusted, not lubricated should be this end of oil. Safety fastener latch won't work, missing, broken. National markings missing or illegible in accordance with local DM's, wiring from all DM's and to 74-23-1 "Color and Marking of Army Materiel"

WINDSHIELD—Cracked, chipped, etched enough to block understanding of more than 2 square inches on driver's side. Weather stripping cracked, torn, missing holes.

GLASS—Temperature gauge dirty, cracked, exposed, checked, contains water, substituted with paint, blanked should missing, not in place, broken or exposed wires causing short circuit.

BUMPER—Loose, cracked, rusty, missing bolts, not in good condition with damage missing, wrong or not legible.

LIFTING SHACKLES—Missing, bent, under jet missing.

GRILL & BRUSHBOARD—Bent, loose, weight classification marker missing or illegible.

FRONT

LEFT SIDE

GENERAL APPEARANCE—Only, rusty spots, deep dents, split seams (needs wash for info).

CABLE BODY MOUNT & MOUNT
WHEEL—Missing, loose, broken, cracked, compressed springs not sufficient or broken, pads and cushions missing.



TOOL COMPARTMENT BENCH—Rusted, broken, cannot move, weather stripping torn, missing, bolts missing from TM 9-239-29-4 (Feb 48).

MOUNTING BOARD—Bent, mounting bolts loose.

POWER TOOL—Bent, rust, handles cracked or separated, missing from page 11, TM 9-239-27 or page 294, TM 9-239-29-4.



FRAME—Bent, cracked, side rails and cross members loose, broken. Hubs broken, cracks, bent.

LEFT SIDE

WHEELS—Steering, broken, dirty, obstructed, checked against block wheel, can't be adjusted for movement in every direction.

DOORS—Hinges loose, broken, sticking, repeat when opened, left won't open and close properly. Door stops missing. Broken, won't stop door in 2 positions. Weather stripping loose, worn, cracked, missing, distorted.

DON'T OVERTAKE ITS FOLLOWING!



VALVES—Caps missing, when lost, allow leak between cap and seal combination. Indicate leak! When the pressure here falls 1/2 page 21, TM 5-724-20-10. Not proper maintenance should avoid any loss of vehicle or data vehicle parts in, inside parts area . . . 180° opposite.

WINDERS—Broken, loose, dirty, checked enough to their roles, (shown) works, don't won't move up or down. Run window stopped, torn, ragged enough to damage vision.

FUEL OIL, BRIGHT & BRIGHT—Dirty, blocked, poor, or, normal — Mounting left side, missing, (shown) work, (shown) broken, missing, torn, blocked, torn, dirty. Fuel can if present, rusty inside.



SPRING SEATS—Cap screws loose, missing, broken.



SLAVE RECEPTACLE—Installed for odd of failure — Certified to be used beyond time, dirty, Cap group or missing bracket, broken, (shown) blocked.



TIE DOWN FASTENERS—Bent or broken, missing, dirty.

WHEELS—Cuts or breaks field testing. Lug nuts missing, loose, the and side flange nuts missing, loose. (Shown) lost. Two sets of nuts (shown) missing, broken, torn, (shown) cracked. (Shown) bent or broken.

TIRE—Tread worn, sidewall, or to brake, uneven wear. (Shown) distorted, substituted in size, tread design 2" high (TM 5-1874) used instead.



ALL WEATHER—Water or leaks (shown) daily, (shown) stopped, rock, broken.

SPARE TIRE CARRIER—Loose, bent, cracked, distorted, broken and with the valve blocked, spare missing, wrong the pressure, tread worn, blocked, missing, not secured.



REAR



2001-2002 Season: Cattle on wheat, milking, beef, and breeding, lamb.

HAIRY SCORPION—Slender, greenish, brown, soft, slender. Red backing, red backing, red backing.

STAFFING—New York, N.J., and other large cities are not

PRO TIP—Knowing, understanding, and liking your car is important. Take the time to get to know your vehicle and its quirks.



— Mining, Stone, Iron
— Engineering, etc.

Talk, GALT.—Bent, broken, heavy, bentness and broken mining or broken broken. Chain guard mining, bending, bent bent or bent bent, bent bent bent.

THAT IS YOURS, BY THE WAY.—City regulations requiring a strong, leafy, smoked, water ring can cost.

PLATE 10071—Red work
ing. Latex dirty, cracked,
broken, discolored, discolored
covered with paint, wire
short discolored.

RIGHT SIDE

THE PIPE DREAM—Low-cost, stacked, double-staggered, bolted, welded, corrugated, 48-in. dia. pipe, below, were.



ENT TENTS TO GO: Covered, but
ing, water missing, vent clipped
light. Bacteria not at required
level (full mark). Fertilizer lower
than three fingers for pull test—
normal, no-prose. Gelsy pinch-
ed, corrosion, darts or wing scale
missing. No attached electrolyte
marking if it is liquid (flat plate
only).

[illegible]

100



FULL TANK—Looking, here, here! That off-water boat is broken. Can keep the high mast to at least 1' above water. Talk to it. Low the dory, moving most part. Support dory, a solid fire, loose. Fast streamer missing, turned. Note chair missing, loose. Broken fuel line (jacket missing, damaged). Can be made properly. Start missing (2000 per minute). Fuel missing (pressure) (see above).

PULP LEVER SENDING UNIT—has five graded, sand chamber treated, wire brushes, air-cleaning holding unit and filter assembly integrated in one unit.



UNDERNEATH

TRANSMISSION—Oil level is 10 more drops per minute. Linkage bent or broken. Wrong take level. Slide chain finger is up to first joint. Finger should just touch when idle. Side of plug level when hot. Mounting bolts missing. Bolt. Flywheel housing drain plug missing from storage box or not in glass compartment. Vent not down and open.



DRIVE SHAFTS & U-JOINTS

—Balls or shaft loose. Splines shift sideways or excessive play. Splines fit tightly facing same direction, backing wheel, companion flange loose, yoke misaligned (vibrates during operation).



DIFFERENTIAL—Wrong take level should be 1/4 inch below plug level when cold. Finger checks. Yoke loose. Washer not closed. Plug loose. (Balls) greased balls.



MAJOR DRIVE CYLINDER

—Leaking, foot missing, torn, no light of footprints, train into foot.



EMERGENCY BRAKE—Loses, worn, linkage loose.



WIRE LINE & HOSE COIL SECTION—Loses, broken, frayed, leaking, twisted.



FRONT AXLE HOLDING (IN Joints)—2700 rpm, compressed, body loose, U-joint, bolts missing or bent. Not lubed, rocks, dirty brake shoes, fingerball loose, turning too fast until broken and missing, cracked, bent.



STEER CABLE AND WHEELS—Shock, sagged, loose.



STEERING GEAR ROLL & LEVEL—Loses, improper levelhead to 1 inch before filler plug.



STEERING GEAR SHOCK & SPRINGS—Not level, loose, bent.



STEER ABSORBERS—Linkage broken. Loose. Bushings worn, old, damaged. Missing test. Bent test.



STEER OIL PAN—Loses plug or bolts. Leaking. Grease 1/2 or more drops per minute per minute.

TYE ROD ENDS—Loses, bent, worn.

MUFFLER—Loses, worn, cracked, holes, turned out. Clamps missing loose, worn.



TURBO ROOF—Loses, bent.

CROSS BRACES—Bent, loose.



TRUCKER CAB—Linkage or mounting broken to loose, hole 1/2 or more drops per minute, wrong oil level (plug level) if operating temperature.

DRUM PADS—Loses, leaking.



ENGINE UNDER THE HOOD

RADIATOR COOLANT—Dirty, rusty, and up to level code, below code, capped, missing. Anti-freeze protection not adequate for season.



RADIATOR FILLER NECK ADAPTER—Be careful! Don't stick it in Gas engine only!



WATER TEMP. GUAGE
WHT — Looks, rusty, doesn't ring in water's rising, cracked, loose, check oil connections.

WASHER, HOSES & CLAMPS—Clogged, collapsed, worn, torn, leaking, missing, broken, bent, loose. Bleeding lines, brackets loose, flow badly held, even plugged by bugs, debris, etc.



RADIATOR CUFF/PISTON HOOD—Missing, loose.



RADIATOR MOUNTING BELTS/STUDS—Loose, missing.

WATER PUMP—Sealed, worn, frayed, stretched, oily, grinding, wrong adjustment.
WHT — 1/2 in. deflection.
WHT — 1/4 to 3/4 in. deflection.



WHEELS, NOSES—Tell your mechanic. Good for corners, for late setting, turning, valve lag, etc.) Engine troubles.



WATER PUMP—Leaky, loose on engine block, oil fry, leak, loose on pump, not working.



CRANKCASE OIL—Level too low or high (should be between 1" & 2" on gas engine, in-between 1/2" and 1" on diesel) — wait at least one minute after stopping before check. It's a deficiency when oil is below "WHT" or "T" to above "T". Oil missing, oil spotted, damaged or missing. Check with dipstick immediately.



OIL PRESSURE GAUGE UNIT—Leaky, missing, mounting cracked, loose electrical connection.



CRANKCASE VENT LINE—Loose, broken, plugged.



AIR CLEANER & BRACKET—Loose, clogged, leaking, oil not at level mark, dirt more than 1/2 in. deep. Bracket loose, bent, broken or clamp broken, dirty, clogged.



OIL FILTERS & BRACKETS—Loose, missing.



STARTER MOTOR — Not working, loose, dirty or loose. Loose connections and leakage.

CARBURETOR & SPRING — Loose, bent, linkage sticking, parts missing, gasket missing, air too fast or slow. Fuel lines and hoses cracked, leaking, bent, loose, torn, clogged, not clamped right. (Gas engine only.)

CRANKCASE BRACKET — Dirty, clogged, air missing, oil not at level mark, should make oil spraying.



FUEL INJECTOR PUMP —
Hesit. or fail. whizz —
Roughing time, low
boosting or loss



FUEL FILTER — Hesit-
ant whizz — Missing,
draw valves, petroleum
don't work. Primary not
checked daily

CRACK — Won't work, why broken,
broken broken, active timing. (C-
ranker only)



CYLINDER HEAD —
Drooled, suspension
or water leaks timing
sound.



PISTON AND CRANK —
RUGS longer, heavier
don, heavier — Both
moving, loose, bent.

FUEL PUMP PRIMING
LEVER — Missing, too
low, hesitates. (C-
ranker only)



FUEL LINE SHUTTER
VALVE — Hesitates,
bumps broken or mis-
ing. (C-
ranker only)



ENGINE



BROKEN VALVE —
Cracked, worn, fused,
stuck broken open.
(C-
ranker only)

VALVE LIFTER — Cap
cracked or broken, dip,
wear, mounting, loose, too
good, not-to-tight. (C-
ranker only)



WATER & CRACK
TUBE — Loose, fused,
worn.



AIR COMPRESSOR — Not adjusted
1/4 to 1/2 in. difference, not worn,
cracked, air breather dirty or clogged.



AIR COMPRESSOR CRANKER (partial
only) — Rounding, loss.

OIL PUMP
ADJUSTMENT
CONSOLE —
Broken, loose



ENGINE OIL — Loose,
cracked, suspension
broken or fused,
ground cable too hot
dry over.



WATERPUMP & HEAD CONTROL —
Broken, cracked, loose, fused,
incorrect control setting 50-55, down or
off except for extreme cold. (C-
ranker only) and above temp. 50° position, 50°
and lower temp. Oil position between
50° and 50° temp. (C-
ranker only) position. Water control valve stuck,
leaking, cracked, stuck broken or timing
valve timing or time.



WATERPUMP & HEAD CONTROL —
Level below and
well cold, well cold timing or stopped,
timers and push controls. Cap
cracked, dip, cracked, loss in or-
rator, acid cells. Head down belts
and nuts missing, cracked, cracked. No
speed or excess more than this could
be push. No marking for checked elec-
tronics if in highest Flat Head area.



WATERPUMP — Loose
electrical connections,
loose mounting, state
broken.



CONNECTION — Loose
mounting, dip or loose
electrical connections,
cracked broken.

CAB

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2008 AUGUST 15—Monday, June 15, in
Savannah, Georgia.

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THEOREM 10.11. —
 Every maximal ideal
 in $R[x]$ is maximal in
 R .

— **WILLIAM H. HARRIS** —
 President, American
 Society of
 International
 Law

[illegible]

Keywords: shopping, satisfaction, impulse purchases, time pressure, time management

1999, 2000, 2001, 2002, 2003, 2004, 2005, 2006, 2007, 2008, 2009, 2010, 2011, 2012, 2013, 2014, 2015, 2016, 2017, 2018, 2019, 2020, 2021, 2022, 2023, 2024, 2025, 2026, 2027, 2028, 2029, 2030, 2031, 2032, 2033, 2034, 2035, 2036, 2037, 2038, 2039, 2040, 2041, 2042, 2043, 2044, 2045, 2046, 2047, 2048, 2049, 2050, 2051, 2052, 2053, 2054, 2055, 2056, 2057, 2058, 2059, 2060, 2061, 2062, 2063, 2064, 2065, 2066, 2067, 2068, 2069, 2070, 2071, 2072, 2073, 2074, 2075, 2076, 2077, 2078, 2079, 2080, 2081, 2082, 2083, 2084, 2085, 2086, 2087, 2088, 2089, 2090, 2091, 2092, 2093, 2094, 2095, 2096, 2097, 2098, 2099, 2100, 2101, 2102, 2103, 2104, 2105, 2106, 2107, 2108, 2109, 2110, 2111, 2112, 2113, 2114, 2115, 2116, 2117, 2118, 2119, 2120, 2121, 2122, 2123, 2124, 2125, 2126, 2127, 2128, 2129, 2130, 2131, 2132, 2133, 2134, 2135, 2136, 2137, 2138, 2139, 2140, 2141, 2142, 2143, 2144, 2145, 2146, 2147, 2148, 2149, 2150, 2151, 2152, 2153, 2154, 2155, 2156, 2157, 2158, 2159, 2160, 2161, 2162, 2163, 2164, 2165, 2166, 2167, 2168, 2169, 2170, 2171, 2172, 2173, 2174, 2175, 2176, 2177, 2178, 2179, 2180, 2181, 2182, 2183, 2184, 2185, 2186, 2187, 2188, 2189, 2190, 2191, 2192, 2193, 2194, 2195, 2196, 2197, 2198, 2199, 2200, 2201, 2202, 2203, 2204, 2205, 2206, 2207, 2208, 2209, 2210, 2211, 2212, 2213, 2214, 2215, 2216, 2217, 2218, 2219, 2220, 2221, 2222, 2223, 2224, 2225, 2226, 2227, 2228, 2229, 2230, 2231, 2232, 2233, 2234, 2235, 2236, 2237, 2238, 2239, 2240, 2241, 2242, 2243, 2244, 2245, 2246, 2247, 2248, 2249, 2250, 2251, 2252, 2253, 2254, 2255, 2256, 2257, 2258, 2259, 2260, 2261, 2262, 2263, 2264, 2265, 2266, 2267, 2268, 2269, 2270, 2271, 2272, 2273, 2274, 2275, 2276, 2277, 2278, 2279, 2280, 2281, 2282, 2283, 2284, 2285, 2286, 2287, 2288, 2289, 2290, 2291, 2292, 2293, 2294, 2295, 2296, 2297, 2298, 2299, 2300, 2301, 2302, 2303, 2304, 2305, 2306, 2307, 2308, 2309, 2310, 2311, 2312, 2313, 2314, 2315, 2316, 2317, 2318, 2319, 2320, 2321, 2322, 2323, 2324, 2325, 2326, 2327, 2328, 2329, 2330, 2331, 2332, 2333, 2334, 2335, 2336, 2337, 2338, 2339, 2340, 2341, 2342, 2343, 2344, 2345, 2346, 2347, 2348, 2349, 2350, 2351, 2352, 2353, 2354, 2355, 2356, 2357, 2358, 2359, 2360, 2361, 2362, 2363, 2364, 2365, 2366, 2367, 2368, 2369, 2370, 2371, 2372, 2373, 2374, 2375, 2376, 2377, 2378, 2379, 2380, 2381, 2382, 2383, 2384, 2385, 2386, 2387, 2388, 2389, 2390, 2391, 2392, 2393, 2394, 2395, 2396, 2397, 2398, 2399, 2400, 2401, 2402, 2403, 2404, 2405, 2406, 2407, 2408, 2409, 2410, 2411, 2412, 2413, 2414, 2415, 2416, 2417, 2418, 2419, 2420, 2421, 2422, 2423, 2424, 2425, 2426, 2427, 2428, 2429, 2430, 2431, 2432, 2433, 2434, 2435, 2436, 2437, 2438, 2439, 2440, 2441, 2442, 2443, 2444, 2445, 2446, 2447, 2448, 2449, 2450, 2451, 2452, 2453, 2454, 2455, 2456, 2457, 2458, 2459, 2460, 2461, 2462, 2463, 2464, 2465, 2466, 2467, 2468, 2469, 2470, 2471, 2472, 2473, 2474, 2475, 2476, 2477, 2478, 2479, 2480, 2481, 2482, 2483, 2484, 2485, 2486, 2487, 2488, 2489, 2490, 2491, 2492, 2493, 2494, 2495, 2496, 2497, 2498, 2499, 2500, 2501, 2502, 2503, 2504, 2505, 2506, 2507, 2508, 2509, 2510, 2511, 2512, 2513, 2514, 2515, 2516, 2517, 2518, 2519, 2520, 2521, 2522, 2523, 2524, 2525, 2526, 2527, 2528, 2529, 2530, 2531, 2532, 2533, 2534, 2535, 2536, 2537, 2538, 2539, 2540, 2541, 2542, 2543, 2544, 2545, 2546, 2547, 2548, 2549, 2550, 2551, 2552, 2553, 2554, 2555, 2556, 2557, 2558, 2559, 2560, 2561, 2562, 2563, 2564, 2565, 2566, 2567, 2568, 2569, 2570, 2571, 2572, 2573, 2574, 2575, 2576, 2577, 2578, 2579, 2580, 2581, 2582, 2583, 2584, 2585, 2586, 2587, 2588, 2589, 2590, 2591, 2592, 2593, 2594, 2595, 2596, 2597, 2598, 2599, 2600, 2601, 2602, 2603, 2604, 2605, 2606, 2607, 2608, 2609, 2610, 2611, 2612, 2613, 2614, 2615, 2616, 2617, 2618, 2619, 2620, 2621, 2622, 2623, 2624, 2625, 2626, 2627, 2628, 2629, 2630, 2631, 2632, 2633, 2634, 2635, 2636, 2637, 2638, 2639, 2640, 2641, 2642, 2643, 2644, 2645, 2646, 2647, 2648, 2649, 2650, 2651, 2652, 2653, 2654, 2655, 2656, 2657, 2658, 2659, 2660, 2661, 2662, 2663, 2664, 2665, 2666, 2667, 2668, 2669, 2670, 2671, 2672, 2673, 2674, 2675, 2676, 2677, 2678, 2679, 2680, 26

DESIGNER'S POINTS—
Sturdy, well-ventilated,
large, deep hollow
is used for home.

CLAYTON KIDNEY—
Bride, daughter, Mrs.
Graft's past mistress,
lives. Along her way
of love for 20-30

PROPOSAL: Buy
up houses at 100
percent market value.

InteractAbility — What's inside, outside business hours, weekends, and holidays never stops. It's the most powerful mobile application.

WOMAN WHO FOR
40 years, her face
gains, she says, is
her progress, some
adjustment through
lost time that he
needs from people.

— **Small, dark, round**
— **round, dark, round**

1998-1999
 2000-2001
 2002-2003

and support group—
and working, and and
about the group.



1. *What is the main purpose of the text?*
 2. *What is the author's attitude towards the topic?*
 3. *What is the main idea of the text?*
 4. *What is the author's main argument?*
 5. *What is the author's conclusion?*

FOR THE MECHANIC

You'll have to call on one of your best mechanics to help you build this inspection. We'll know how to check out the following items for you:

WHEEL CLAMPING — Loose, defective, not latched right.



SHOCK SPRINGS & SHOCKS — Weak, loose, not operating right.

SPARK PLUGS — Dirty, loose, porcelain cracked, burned, gapped (welded electrodes burned or eroded, plug threads eroded), gapped wrong (should be 0.005 inch).



INSPECTION OF TIE ROD ENDS — Ends play, improper gap (should be 0.007 inch), incorrect spring tension (should be 13-21 lbs).

IGNITION — Points timed (should be timed with timing light).



HYDRAULIC SHIFT LINKAGE — Loose, bent, not synchronized.

EXHAUSTION — Improper gas-flow at junction; excessive exhaust resistance (exceeding 80%).



CONTROL — Loose, sliding, wrong adjustment (should be 1 in. - 2 in. pull).

FRONT MASTER CYLINDER — Fluid level 1/4 full.



BATTERIES — Specific gravity below 1.225 at 80° temp (check w/temperature), increase (transistors electrolyte not diluted to 1.200 - 1.225 for full charge; specific gravity below 1.125 electrolyte corrected for 80°F., see FM 9-44.50-200-15, page 26).

PUBS

The pubs you need, depending on which series vehicle you're operating, are as follows:

4-7th series (with standard type)

TM 9-2230-209-10 (Feb 48)

RM 11 (May 48)

TM 9-2230-209-11 (May 48)

4-7th series:

TM 9-2234 (Oct 48, 16, 17 Aug 49),

18 (May 49, 16 17 Oct 49)

TM 9-2239-210-11 (Dec 49)

ESC

Your vehicle's log book must also have the ESC manual published for it. That means one of the following:

TM 9-2230-209-10 (Feb 48)

TM 9-2230-209-10-1 (1 Jan 48)

TM 9-2230-209-10-1 (1 Jan 48)

TM 9-2230-209-10-1 (1 Jan 48)

TM 9-2230-209-10-1 (1 Jan 48)

TM 9-2230-209-10-1 (1 Jan 48)

TM 9-2230-209-10-1 (1 Jan 48)

TM 9-2230-209-10-1 (1 Jan 48)

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TM 9-2230-209-10-1 (1 Jan 48)

TM 9-2230-209-10-1 (1 Jan 48)

TM 9-2230-209-10-1 (1 Jan 48)

WEEP SEEP LEAK DRIP

HERE'S A
CHECKLIST
TO
HELP
YOU
FIGURE
OUT
WHAT
TO
DO
AND
WHEN.



Mopping your floor is a mild warning because your equipment's gear case, transfer, or differential seems to be leaking . . . and lubricant's coming!

And you can't decide whether to run 'em apart and replace the seals! Before life gets so leaking you groan, park up and leave this pervaporation around grease and oil residues but's so tough after all.

It's no fat secret that each seal's solid walls against tubes — what counts is the amount of liquid loss you can allow.

A leaky tube gets through seals in such places as transfer and differentials. This you have no choice. Besides, TE-9311 application of oil seals, says the liquid leaks the seal itself, so some has to get through — especially if it's a seal on a moving part.

What does count is developing a leak that loses too much

TYPE	WHAT TO DO
WEEP — Light fluid loss which makes or doesn't, but drops 10% or less.	Leave alone — It's normal.
SEEP — Light fluid loss, not enough to make a drop, but starts to leak.	Leave alone — It's normal.
LEAK — Fluid loss forming droplets.	Change seal only when 20 percent loss occurs between scheduled periodic service.
DRIP — Fluid loss forming drops to oil or drip every 10 minutes.	If fluid loss is more than 20 percent between scheduled periodic service, change seal.

If your supplier does change the seal, dampen no-oiling seals if a bit of tube still gets through. Even deeper overhaul (T&E ORD 345-Dev-55) permits more than immediately after seal or functional test on an overhauled vehicle.

The only fluid is liquid leaking out near brake drums and raising your wheel-pawer. That's verboten, not good, and won't pass.

**1****SECONDARY FUEL FILTER****COMPANY MECHANIC WILL CHECK THIS WITH PRESSURE GAUGE**

ASK
YOUR
COMPANY
MECHANIC!



The way you tell if the elements in your secondary fuel filter need replacing is to take a pressure check.

Ask your company mechanic to connect his pressure gauge to the bladder plug hole in the top center of the filter head. Run the engine at 1400 RPM without load while he makes his check.

If the reading is under 25 PSI your friendly company mechanic will take off the 2 filter cans and clean them on the inside. He knows those elements can't be used over again so he will put in new elements, assembling them carefully with the red marked TOP in the top position.

The two elements and the 4 gaskets he needs are in parts kit, fluid pressure secondary, which he orders as P89V 2540-061-0070.

2**PRIMARY FUEL FILTER****ASK THIS ON STEP 1000.40 Q: 1000.41**

Your 20 TM for the 800/700AA1 engine with rev on page 2-261 the primary fuel filter should be removed "periodically" for service . . . but how often does that mean?

Change 1 Ltrp 661 is that 20 TM says on page 2-60 is the filter goes to die is quarterly. That way there's no chance of forgetting to do it.

After the filter element is removed and cleaned your company mechanic will put it back again with a fresh head gasket which he'll remove in place with MIL-C-10425 gasket remover. He'll get the new gasket in gasket set primary (7700024), ordered as P89V 2540-476-0056.

It's real important that the filter is assembled in the right order. If the parts are in wrong, either the fuel won't flow right or if it does there won't be any filtering action.



3

REBUILD INTAKE VALVE SEAT

Rebuilding the manifold lower fuel filter is explained in your vehicle -DIY TM but doesn't say what or how often you should do it. Add it to the Q service and you won't forget it.

First you clean the filter with dry cleaning solvent FEN 8893-381-1584 or mineral spirits gasket thinner, and then you blow it dry with compressed air to remove dirt particles. Remember to wear your goggles when you use this air - watch out for nearby persons.



BARB AND HEMLOCK OIL RINGS

4

5

GETTA BARB AND HEMLOCK OIL RINGS!



BEYOND BURNING

Like your LG rings, these are serviced quarterly and at the time you make an oil change. Your -DIY TM tells you how. One thing it doesn't mention, though, is lining up your filter housing so it will slide up right against its gasket.

Just play around with it, moving the housing a little this way and that until you find the spot where you can slide it up against its gasket with no trouble.

Tightening the nuts to draw the filter housing up just won't work. Unless it's solid against its gasket before the nuts are tightened, dust will get sucked in from the outside.

Remember it like this: Everybody needs a little something.

The vehicle needs its engine.

The engine needs its filter elements.

The filter elements need your loving attention.

JOE'S
DOPE

KNOW-GO
A'GO-GO
ON ICE 'N' SNOW.

JOE

HARK TO THE WORDS OF
HAGDOPE-OF-THE-NORTH
A GIRL WHO KNOWS
WHAT ICE BOTH NORTH (HUNT)
AN ESKIMO WHO...
KNOWS HER SNOW!
AND HELPS THE TROOPS
TO A NEW ICE...

YENH
THAT'S
RIGHT?

ICE
DRINK
CLASS





LEARN TO USE THE ACCELERATOR, THE BRAKE AND OFFERING SO THEY WORK TOGETHER JOINTLY

YOU MUST BE IN **CONTROL** OF TRACTION AND MOMENTUM **ALWAYS**



WHETHER TO USE YOUR BRAKES OR ACCELERATION, TO KEEP TRACTION DEPENDS ON YOUR MOMENTUM. NOW FOR SOME ACTUAL DRIVING TIPS ➡



EASY SPEED CHANGES AND EASY BRACING KEEPS MOMENTUM FROM CANCELING TRACTION... AND YOU DON'T SKID...



DON'T OVER-STEER -- JUST ENOUGH TO CORRECT YOUR KNEE.

HOW FAST YOU'RE
ROLLING, HOW FAR
AHEAD CAN YOU
SEE?

SO EASY ON THAT MPH

REMEMBER,
YOU NEED A
LONGER
DISTANCE
FOR STOPPING
ON ICE OR
SNOW!

**ESPECIALLY IF YOUR
VISIBILITY IS LIMITED,
LIKE IN A SNOWSTORM.**

UNDER Icy CONDITIONS
IT TAKES 5 TO 12 TIMES AS FAR TO STOP! SO WHICH IS?



IT TAKES

5 TO 12 TIMES
AS FAR TO
STOP HERE



HOW THIS ICE THICKENS
AS THE TEMPERATURE
DROPS... YOUR RINK
WILL GET SUBSIDENT



AS THE ICE MELTS,
YOU HAVE A LAYER
OF WATER ON TOP,
MAKING FOR DOUBLE
CAUTION.



WATER

SO WICKED
IT CAN...



CONSIDERED



TURN



STOP



HOW
LONELY
COMES
TO



FINALLY



JUST ONE
MORE THING

THANK
YOU
FOR
THE
FUNKY
FUNKY





MAKE LIKE MR. CLEAN!



Many micro-washers give your lading's L&B-lading gear indicators and well-lit maybe the gear is down and locked! But the here no visual indicator doesn't mean it, giving the pilot a loose like a-ladder alarm!

Can happen. So, have given the cleaning pump in part 1-740 of TM 11-1510.201.20 120 Age 60 for PM tips—specially if you're starting a time-out in a fight, right, right.

And remember, if you have to replace or adjust one of the switches you give pull the special inspection called for in chap. 3, sec. 11, page 3-4 of the operational maintenance job.



KNOW YOUR BROT BATTER WITH...

THE NEW CODE



DA FORM 352

Hold out before you fill out your monthly list. From 1993 on, aircraft inventory, status and flying time! The whole assignment-reporting code (check it is changed, effective Dec 85, as directed by Dept. of Defense).

The new codes, spelled out in DA Message 780001 (17 Dec 85) and revised by DA Message 780008 (4 Nov 85) supplement the codes in para 4-2.2 of AR 700-13 (28 Aug 84).

Now, in addition to the mission assignment code you gave in the past, you also give with the function assignment. This added poop will help the Army with planning, distribution, programming and budgeting for aircraft.

From here on out you'll have three alphabetical characters for all codes except Code D and Code E. The first character gives the mission assignment and the second and third characters give the function assignment.

If your bird falls under training and support (Code D) or storage (Code E) you will have four characters. The first two characters represent assignment and the last two represent the functional file.

The new code should be meeting your way from your headquarters right now. You might want to meet it half-way to get a head start.

LIGHT UP!



Turned out better in your portable, emergency night vision light set, PNY 6250-142-6000, leave you in the dark! Then look us up a package of 2 clear, fluorescent lamps of 5.1 volts, 15 amps with military screw base—the T3 screw. It's listed in Fed. Cat. 62500-14-2. 1 Jan 86 as PNY 6250-142-6000.

**LUBRICATOR
PUB HERE**

**DON'T
FEEL
LIKE
YOU
WENT
UP-
GRADED
!**



Dear Wendy,

We're having a heck of a time trying to order parts for our backup power-plant lubricators, Model F-61-BC, P/N 4930-014-7970. The little green book that came with the unit just doesn't fill the bill, Jay Bird!

WEL J. J. R.

SURE!



Dear Specialist J. J. R.,

Your Model F-61-BC has been upgraded to a Model F-61-BC and the pub for this baby is TM 1B-9998-206-11 (11 Feb 66). Since these models are exactly the same the TM applies to both units.

By the way, P/N 4930-014-7970 is a family number. The lubricator listed in the TM carries P/N 4930-014-7294 for the Model F-61-BC and P/N 4930-514-7213 for the Model 33140B.

Wendy

NEW DRIVE SHAFT GREASE

If you have F3B-15, 16 mechanics regulation gears, Multibak EP-1, for-
mula 9912, P/N 204-048-715-1, P/N 5110-081-2071, for the transmission-to-
engine drive shaft—and you don't get it—no sweat! When the supply of this
grease is exhausted you'll get an improved type . . . Audraul LTB, P/N 204-
048-715-3, P/N 5110-036-0900.

FILL 'ER UP!

ALL BETTY'S WORKS PERFECTLY!
THANKS JUST ABOUT READY
TO SHOW THE WORKS!

BE
TOLD...

BLOCKING VALVES
ARE CLOSED



AND...

WATER BEGINS
FILLING THE
CYLINDER



Then, after you start the pump:

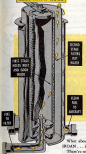
1. Open the vent valve at the top of the cover to let the trapped air out.
2. Open the upstream blocking valve (labeled) partially and let the filter separator fill slowly and completely.



3. When the air is completely filled and a small amount of fuel comes out of the vent valve, close the vent and open the downstream blocking valve (labeled) to fill again.
4. Open the upstream blocking valve full open and you're ready to refuel your aircraft with clean fuel.



HERE'S HOW IT WORKS



SAFE OPERATING CRUISE

The pressure drop on your new unit should be 2.5 PSI or less. But as foreign particles build up on the inside of the filter element this pressure will increase. Therefore, the pressure should be measured with indicator, pressure differential, P/N MC144MPF01. Manufacturer's code 40014 is the equivalent gage to determine when you need a new element.

When the pressure reaches 15 PSI you put in a new element. You should also drain out the water and open the air vent valve, daily.

FUEL FILTER MAINTENANCE

What about maintenance? It's practically nil—BROWN... inspect—and repair only as necessary.

There're no moving parts and about the only ones you'll need to replace are the...

YOU FILTER TWO FUEL'S

The Simplex P/N 4200-FIL-0001 (which comes with everything to install with...

... the O-ring, Gasket Top, P/N 4200-001-0001.

... the O-ring Gasket Bottom, P/N 4200-001-0001.

... and the Cover Gasket, P/N 4200-001-0001.



You don't need any special tools to change the filter elements. Just follow these easy steps when you next remember fuel to the tank.

1. **Executive Summary**



8. Take off the cap and use the screwdriver to remove the battery and the battery cap. If the battery is old or it doesn't fit in the device, replace it with a new one.



8. Take hold of the brush on the handle. Tap gently with one hand and press down against the opposite edge of the comb. To work the other hand, gently pull on the brush and release the top plate. Use the top plate to pry the interlocking pins and make with some care. If you are



4. Now that I have looked out the window, unless you suspect damage or excessive exposure to heat (which is the bottom recording plate, then, is less well thought up) will no longer be exposed from the recording plate.

1. Repeat the steps above and test the new design completely.



1. The first step is to identify the problem or question that needs to be answered.



4. Fill the element up and cut the element in 2 elements — you just replace it with a new memory block. Remember that 256 elements consisting of the element can be used to get rid of it, please.



Abstract

Before you put in the new slatted
be sure to eye the inside of the floor
coverings for any hidden nails.

Then, put back the container and insert the new element. For both, the container pops, making sure it's flush with the top of the container so you get a complete seal and so you can insert the new container later. You might have a



Join the top plans. Using wide Fennel leaves, fold over VWD-224, PIN 1110 (14-0000), to get the cover sheet with the customer map. Add the two remaining bars and the cover and you've got it made.  **TIP**



Yonkers, a 1988 increase in one of these little girls should go a long way to not show us these signs that give the cause of an accident as "bad maintenance."

GET YOUR WATER DETECTOR KIT



The price is too high when an individual expects to be asked about the value of the land.

There, you can spot them, sitting under the station, but what about the ones that haven't settled—especially in JF-16s? Is there a fix for that?

The agency is Hewlett Kit, non-motor and various facts. FPM (1992-1994), will tell you the a sales change if your action is IP4 are simple but want to be shown to IP FPM (1992-1994).

Compare all the major insurance companies and you will find that the best value is in The

water and vegetation (25 July 1971). The water surface has in covered its part (11).

The price is right for this lot, listed in Federal Supply Catalog 68-001-000-001, 25 June 65.



NO SHIRKING



Here you are, man. A lot of advice and plain PM tips from guys who've made the big score with the M1 40-441 grenade launcher submachine.

Read what you read and you'll escape an encounter of some with the launcher ... the righting machine ... the machine ... and you mean to be ...

NO SHIRKING

Never shoot the case and cover yourself on the drive-upside assembly with take-off, JP-4 or clean ing solvent.

Never let cleaning fluid run into the powered drive assembly of the turret.

A lot of weapons missed down with Charlie because somebody ignored these warnings in 101-9-1014-201-12 (this is the TM by the same name.)

The gears and the bearings in the case and cover and also in the drive up-side are packed with long-life lubricants. Any more lube will gum up the works. And the gears and drive-up means in the powered drive assembly of the turret will be ruined by solvent.



Make sure the straight-headed pin (POM 3112-004-0000) is inserted in your rifle's PILL. This pin causes the firing lag of the launcher receiver to be about the size of the gun's lag. It makes a loading and may slow replacing any time you get a weapon stoppage ... like when the gun jams or you get a hangup.

Of course, the best way to save these pins is to avoid stoppages ... by good all-around and frequent weapon PM, and especially by double-checking the same hole before loading to make sure the hole is primed OK.

Keep an eye on the turret support screw. They sometimes work loose from vibration.

Be careful how you tighten 'em, though. If you screw 'em in too much, they'll come off. A lot of people are looking Torgue (Torch-Proof) pins ... POM 3004-001-1500 (1/4 inch hole), or the screw before tightening 'em. Make a good field fix. You'll find this pin on page 40 of Red Car C0000. It's A 11 Jan 60.

WARNING: DANGER

Please fail to take the right precautions every week. Otherwise, the shaft might spin and your pants will have a rough time.

HERE'S WHAT YOU DO

1. FIRST, REMOVE THE PLATE ON THE CENTER FRONT POB, ON THE BALL-BEARING RACE PLATE AND UNDER THE MAIN BEARING ON THE SHAFT.



2. Remove the 4 screws on the cover plate to get to the main gear.

3. Then apply a thin coat of grease and lubrication. Grease...



ADDITIONAL

Think — and now think — before you open a new can of grease.



Always be extremely careful the next time you open a can.

If the can is going right into the shafting, open the can from the bottom so that you'll expose the first round with its female connection. This connection mates up with the main lead.



leg, either.

If you're putting the can in a storage container, open the top of the can so you'll expose the first round with its male connection.

Never lay your snake back on the ground. It'll pick up junk that could put your handsore out of action when you need it most.



The impossible wrangle

Never play roughhouse with snakes.

Here's the funnest, safest way to get left-over live snakes out of your system after handling.

1. Pull out the head-end (your job #24) 1000-754-0248 and head over, then remove the dead bag from the snake.



2. Take hold of the round part in the air in the snake and pull it straight out.



3. The round in the snake will resemble the snake's position and will pull the tail of the snake.



Of course, if you have trouble removing the dead end, know the dead end has, and then move it back slightly.

Snake — to, to — do the same would be lucky. Here's type do. Never turn the head back over a live round till the hole is disconnected and then pull the live round out of the snake's skin. This is a living game.

One slight dip of the head and the round in the snake will go off.



HEAD SPIN

If your launcher spins like the head man's laptop screen on the job, here's a couple of quickie trouble-shooting checks you can make. You'll find 9 out of 10 times that your trouble is hiding in the chest assembly. And the 11th time it's likely to be a broken pin that attaches the spinble deck to the gears.

Check out the pin first by giving a strong push on a head spinbler. If it slips, the pin is loose. Get support on the in the pin.



But, if the problem's in the chest assembly, pull the chest from the main car toward the front of the Way and then is gently close to where it attaches to the head man. This'll usually solve it.

If neither check answers the case, though, you'll just have to follow the trouble-shooting routine in Table 3-1 of your TM 9-1180-207-12 (Jan 66).

CONTROL PANEL

If the weapon fires when the main power switch is turned on, odds are you've got a short circuit in one of the plugs that connect into the control panel. What happens is that the 1 wire (ATTACH and ATTACH) carrying the mainline connection to the control panel touch each other when the connector is inserted on . . . and pow!

Here fix: Get the connector "pinned" deep enough in your circuit maladjustment until you do the job for you.





CUT THE CONNECTION



A people's tubes in the RT's of your AN/PBC-8 show 10 plain model units can read a little easier up before they can get out for you.

Like, when you're using the tube type 5070 in the Y5 or the 14D4 in the Y5 in the RT-174, -175, you've gotta cut off the wire lead from Pin 5 of the tubes before you install 'em.

The lead runs directly on Pin 5 and loops around the base of the tubes. Clip the whole business with wirecutters (naturally, you don't include Pin 5).



There's a station stamped on the Y6-Y8 tube about cutting the lead, plus another reminder in para 156C of TM 11-1420-201-10.

Naturally, if you happen to cut the connection, the set won't work.

When the 14D4 tube is used as the Y5 or the 5070 tube is used as the Y5, Y6 or Y11, the connection does not have to be cut.

And, it's not necessary to cut the clip on the tube when the Y5 or Y6 are in the "A" model set, the AN/PBC-8A, -8A or -8B.

YOUR PIPBOY-4



Yep! ... Just like the gal who keeps you on the beam (don't botch it) the soldier you. That's how your **PIPBOY-4** radio so works when it's taken care of.

It'll keep you so just about anything that moves, from the back of a bird to a tank making tracks along the wall.

Your Pipboy will stay alert to forget when you suddenly to give in a good going between operations. There's some limits to reach too, with the more serious in field types.



SILENT SENTRY

BT-102 OR BT-110
RECEIVER-TRANSMITTER

ROCK—Low, strong.

LOCK—Coiled, broken, dry.

WATER-PROOF COVER—Dry, wet, broken, dry.

RECEIVER COVER—Dry, broken, strong.

CABLE—Frayed, cracked, broken, joined.

CABLES—Hard, cracked, strong.

CONNECTORS—Dry, cracked.

DRIVING WHEELS—Low, strong.

RECEIVER SUB-COVER—Frayed, cracked, broken, dry, strong.

LATCHES—Red, blue, broken.

COIL—Only, cracked, dry, not painted.

ROCKS—Cracked, cracked, broken.



BT-102 OR BT-110

ELEVATION CONTROL, LOCK—Lock, broken, strong, break, dry, strong.



TRIP—Dry, cracked, dry, strong.

WATER-PROOF ELEVATION CONTROL, LOCK—Lock, broken, strong, break, dry, strong.

CS-3710 RF TRANSMIT CASE



GAZETTE—Cracked, worn, missing.

CASE—Cracked, dirty, poor finish.

BUCKER HANDLE—Cracked, missing, pulling loose from case.

LATCH—Loose, bent, broken.

LATCH—Loose, bent, broken.

DOE—Only, dented, scratched.

CLIPPING STRAP—Frayed, cut, broken, missing.

CS-3714 TRIPPOD TRANSMIT CASE



44-1182 HEADSET

DIAPHANES—Dirty, broken.



COILS—Frayed, cracked, broken, incorrect duty.

QUICK
CHECK
OF
BATTERY
(1.50V)
BUT TEST
THESE
WAVE IT

BB-822/2 BATTERY



TRAP—A rust, weakened, broken.

CASE—Dirty, scratched, dented, cracked.

LATCH—Bent, cracked, missing.

CELLS—Dirty, corroded, marked, leaking.

CONNECTOR—Dirty, loose, cut, broken.

POWER GENERATOR SET



WIND COVER—Loose, bent, missing, broken, not closed.

CASE—Dirty, dented, scratched.

WHEEL—Bent, corroded, dirty.

WATER PACE—Cracked, leaking, dirty.

WIND COVER—Dirty, missing.

WIND COVER—Dirty, dented.

WIND COVER—Cracked, missing.

Make you should have for proper Pipey-4 PM use: TM 11-5840-210-11 Clogs 04 with charger 2, 4, 7 and 8 and TM 11-5840-211-00C (plus 04), TM 11-5840-210-15 (plus 04) with charger 2, 3 and 4 and TM 11-5840-210-15F Clogs 04 cover the BB-822, BB 11-5840 Chap 44 and TM 11-5840-210-15 (plus 04) with 1 change on for the PM-552.

WHY'S SHE
HERE, DODGER?

DON'T GET
HASTY & POLAR
OUTTA THE
CONCRETE!

BE IT FREE TO RUMBLE...

YOU CAN'T LET IT
MUMBLE

TIPS ON YOUR
GREASY-3

Here's a secret, allowed, happy-go-lucky tip: you need to make some things for granted—like, maybe, paying, the girl friend, your Greasy-3. Right?

Don't get me wrong. Familiar as your Greasy-3 (or any of the Standardized series) will and might be, it's slow-right. Make me see you if you figure in it'd be gas service with it.

Even though replacement isn't the way, you may have to do a lot of communicating. For a lot of months, before your Greasy-3 series stuff goes in. That is, because it is aging, you can't do with your more tender love! I'd then need.

So start with a pack or a pointer on the RT-40 that all residents understand.

AUDIO SYSTEM

When you listen the sound caps (for the audio resonances) on the RT-40, all parts, choose the listening system carefully. Let the caps change on the side of the resonances... and on separate wires. That way they can't become against the resonances and can't maybe blow a wire, short the RT, or melt.

POWER CABLES

Another hot point to remember! Turn off the air's push before you clean power cables or connections—for obvious reasons like getting hooked on your tail, burning out connections or jacks, losing wire bundles in corners and other fun complications.

Plus, instead of using a wire brush, you might try a 1000-watt or greater power bar dry gas-coupled-cleaning job on contacts and pins. Results wouldn't be as polished or damaging if you didn't remember to turn off power.

When you disconnect power cables, take the extra few seconds necessary to attach the cables to the terminals back together on the mount bracket. It pays, with longer cable life and protected connections. It's much easier to make sure these leadings are correct and in good shape, now, since you can check the POW-BLEN connector with a lead or pinning tooling.

RF CABLES

The RF cables on the RF's and monitors slide on and off with a minimum fuss. Just line up the connector halfway with the studs in the antenna jack, give it a slight twist with a little forward push, and quit. Disconnect the connector and maybe you'll be looking for a new jack—that's a repair job for the cable.

A quick look at the studs will tell you if the connector's in place. They'll lie on the top of the stud.

On all cables, be sure the connector is seated right in the receptacle or jack before you tighten the locking screws. If the connector's off center you can crack the receptacle flange or damage the connector pins.

1000
1000



1000
1000

MONITOR

Find a Joe who's wearing a radio compressor in the back of his head and you'll see a Joe who's on the way to the hospital. Chances are the compressor got there because he or his buddy (I) forgot to lock the mount clamp when the compressor was put in, and a bump or fast stop did the rest. A "bump about that" Joe wouldn't seem adequate.



MAINT BASE

When it's with the grounding ring, note that you're about as comfortable as a 45-45 antenna base.

Centering the grounding ring and large rubber washer back on right will be a prime factor in the way your set'll put out the fun.

Both go on the lower cap (washer), but the rubber washer goes last. The cap goes on top of the washer, which would put the ring against the mounting nut too.

Remember, the 2 caps the RF cap

of your set considerable... and might give you downright satisfactory performance.



Another "may does it" area goes with the drum locking screws and tuning control on your B-100 (also B-110) meters. Going at 'em with a little too much vigor and vigor can heat up an expensive, hard-to-repair dial drive assembly.

Like the locking screws (BET A-B-C) near clockwise or back—used as much as you feel 'em engage, again with the tuning arm.

If you overdo the screws, or those around the tuning control, you can heat up the dial drive drum springs ... and bring all kinds of pain upon you.



When you're stipping your C-40 local control for operation, play it cool on the position of the audio waveform cables (W-1) and W-2).

It, don't close the lid on 'em.



That is, when you close the lid, be sure the cables feed thru the opening in the compartment cover, else you might

strip the cables in time, or break and melt 'em and so short 'em.

Finally, when you install or remove the batteries from the C-40, be sure you snap the battery container cover back with the caution. That way you keep from cracking it when you slip the cover over it.



CHECK THAT BOOM BAM

GENERAL SUPPLY



When you move your truck-mounted crane on the road, you don't want to risk whacking somebody or burling some equipment with that quarter-ton load of boom iron on the boom end.

In for such models as the Ford M28A and M28B and American Holo 2100, make sure both blocks clear to the boom tip, but don't take a strain on the cable.



For the American Holo 2100, use your overpack eye chain to snub the hook to each door block eye. You'll want to offset the chain to keep from bending the boom. Then take out the slack in your boom cable.



If you have the rough-terrain 2100 type, get that side-swing safety lock in place before you start. That way you won't suddenly swing sideways and demolish the surroundings.



And you'll know not to let the boom down to the bottom of the study for traveling, but to leave it in this halfway. That keeps you from snapping boom ends and twisting boom joints in rough going. The only time that boom goes all the way down is when you're parked your gravel to stand a while.

Should You Stake Your Life To the Condition of Your Equipment?

HANDY TOOL TOTER

Dear Editor,

What's this for a back-breaking tool toter?

STELLA
TOTE



MS George C. Layher
Fort Ord, Calif.

(Ed Note — Pretty neat!)

HOME-MADE PRE-PRINTS

Dear Editor,

We set about to complete the routine entries needed on our request forms (RM forms) (RM), the home-made pre-prints save us loads of typing, speed up form filling, and cut down on possible errors.

We use 2 sheets to preprint the standard entries on our replacement requests, and use sheet with the routine info that goes on form-10.

A batch of cards is run off at one time, and then we keep the pre-prints in a separate file so they'll stay clean and handy.

CWD Jay Thomas
HROB 216 Ave B
APO New York 09185



(Ed Note — If your supply request doesn't give you pre-prints, your idea is sure OK.)



One and Only

There's only one model generator set now in the fields of usage that's to be reported on line 740000 in Appendix B of DA 28-750. It's the 1.5 KW Hal. Gas CH-57B-AC (Military model 2P-1.2-AC), FSN 47115-750-4508. If the DA Form 7400-2 is complete, it'll show the set was purchased under one of these contracts: DA 11-104-AMC-558(T) or DA 23-193-AMC-8014(T). So, just check carefully over that "All Set" in the recommendations on line 740000 for now.

Check That Circular

In case you're concerned with MWD's and Equipment Records, you're using DA Circular 750-17 (31 Oct 48). You might remember that page 2 intended to say AB 750-2 instead of AB 750-1.

Now Info on MWD

You mean to supply may like to know about Change 13 (13 Mar 48) to AB 750-20. It puts out some new info on Urgency of Head Designation (UHD). Para 2-4 has the word.

Field Radio FM Frolic

Tuck this in your "must" reading list: FM 24-18 (2d Ed 57). Field Radio Technology. The FM gives you the way up leaders on good stuff like antennas, power sources, maintenance, operation and what-else-you-want-to-know. Your pals support people can get it for you.

Form's ID

Your old multi-line item supply Form, DD Form 1158-1 and its combination sheet, CG Form 1158a (1 Oct 57), were made DA Form 1 2d Ed. You'll now know them as DA Form 3157 and 3161-1, respectively.

Drop Card Ball PSRs

Replacement light bulbs for your organizational summer read life's 24-volt drop card (FSN 4720-268-7424) can be requisitioned with these numbers: FSN 4340-250-0074 for the 12-volt 20-watt lamp and FSN 4340-123-4474 for the 25-volt 25-watt lamp.

Replace the PSR's given on page 2 of your copy of F3161 with these new ones.

Would You Stake Your Life ^{right now} on the Condition of Your Equipment?

THE COLD FACTS ABOUT ICY DRIVING

ADJUST YOUR DRIVING TO THE ROAD

TIRE PRESSURE RIGHT??

KNOW YOUR ROUTE BEFORE YOU START!

LIGHTS - MIRRORS - WINDSHIELD CLEAN?

WIPERS WORK OK?

CHAINS OF PROPER TYPE?

DRIVE SLOW

MOMENTUM AND
STEERING ADJUSTED
TO MAINTAIN
WHEEL TRACTION

SHOULDER

