

BE YOUR OWN INSPECTOR ...

## THE DIE TISE

PO YOUR OWN
PM THING WITH THE
DTE TRACTOR.
SET UP YOUR INSPECTION
LIKE YOU MEAN BUSINESS...
YOUR BUSINESS!

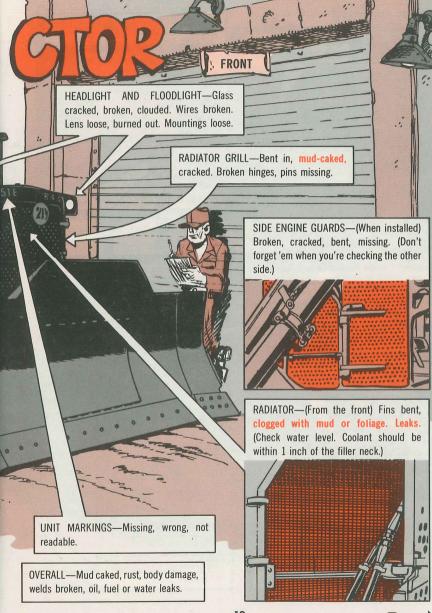
The serious faults are indicated by **BOLD ORANGE TYPE**— serious enough to deadline the tractor: Get 'em fixed-but quick!

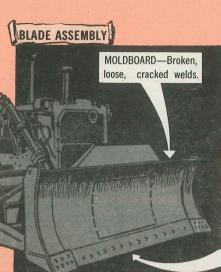
Where do you start? Armed with your DA Form 2404, walk up to the front of your tractor, natural-like and go to it.

If you have any questions, shoot 'em to your unit mechanic. He'll be glad to give you straight answers. He's the fixer.

BASIC ISSUE ITEMS—All on hand? Listing is in TM 5-2410-214-12 (Jun 68).

PUBLICATIONS—Missing, torn, unreadable, not up-to-date. Check in DA Pamphlet 310-4.





MOUNTING PINS—Worn, loose, Safety pin missing.

SCARIFIER-Broken, cracked. Hinge pin missing, stuck, bent.



CUTTING EDGE-Worn, chewed up, bolts missing or loose.

END BITS—Worn, chewed up, bolts missing, or loose.

TILT CYLINDER—Leaks: bolts loose, Piston rod badly scored, dry.

## TREEDOZER (ROME PLOW)

CLEARING BLADE POINT—Dull. (Keep a well-shaped fillet—too sharp a corner will promote cracks.)

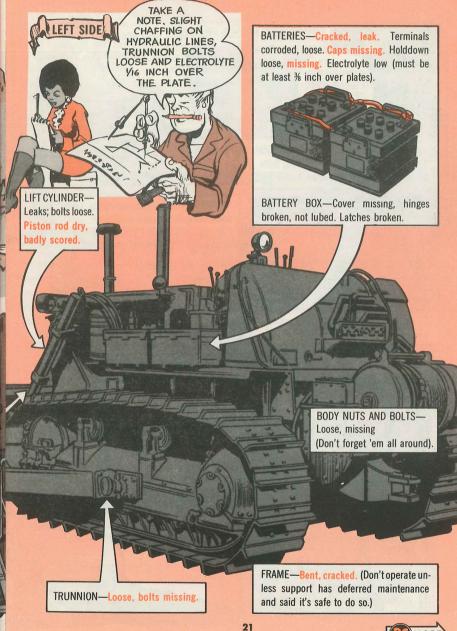
> WEB- Dull, out of shape, curled.

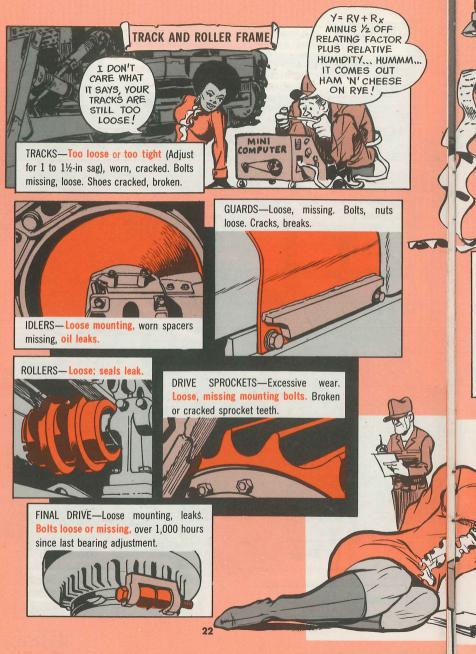
CUTTING EDGE-Dull, cracked, curled. (Check with template, see page 23, TM 5-3830-236-12 (Oct 69).

HYDRAULIC LINES-Kinked, badly chafed, leaks, fittings loose.



PUSH ARM— Broken, cracked. mountings loose.





THIS IS GREAT, WHEN IT'S BROKE DOWN INTO SECTIONS.

REAR

REAR FLOOD LIGHTS—Glass broken, clouded. Wires broken, frayed. Mounting loose. Burned out.

SCRAPER MANIFOLD—Lines worn, loose. Flange bolts missing ... leaks.

FUEL TANK—Crushed, mounting bolts loose. Leaking. Rusty. Water in tank. Cap missing; loose (Does it seat right?). Strainer broken, missing.

WINCH—Damaged housing, cracked, mounting loose. Cables kinked, broken strands, rusty, not oiled. Coupling damaged. Oil level low (Check every 50 hours).

RIPPER—Shanks out of adjustment) job layout determines placement). Hydraulic Hoses: Breaks, worn, cracks, kinks. Hydraulic cylinders: Bent, piston rod dry, badly scored, leaks. Frame: Cracked, bent. Pins: Wear, missing, peening. Mounting Bracket: Stud nuts missing, loose (stud nuts must be torqued to 1500 ft-lbs).

TOW HITCH—Pin missing, cracked, broken.

RIGHT SIDE

TOOL BOX—Lid catches broken. Rusty, broken, stuffed with oily rags, junked up.

DON'T
SLACK OFF
NOW, BE SURE
TO CHECK ALL
THE ITEMS YOU
CHECKED ON THE
LEFT SIDE.

DOZER HYDRAULIC TANK—Filler screen broken, gasket missing, deteriorated; cap missing, oil low. Filter cover assembly: Cracked, screws, bolts missing.

EXHAUST—Loose. Not covered when tractor is stored outdoors. Flutter valve sticks. (Water down the exhaust pipe may cause hydrostatic lock and engine damage.)

TILT BRACE—Bent, loose.

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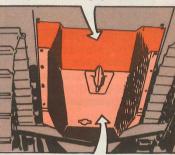


REAR CRANKCASE GUARD—Cracks, breaks, bolts missing. Access cover broken, missing, loose, dirt or foliage packed.



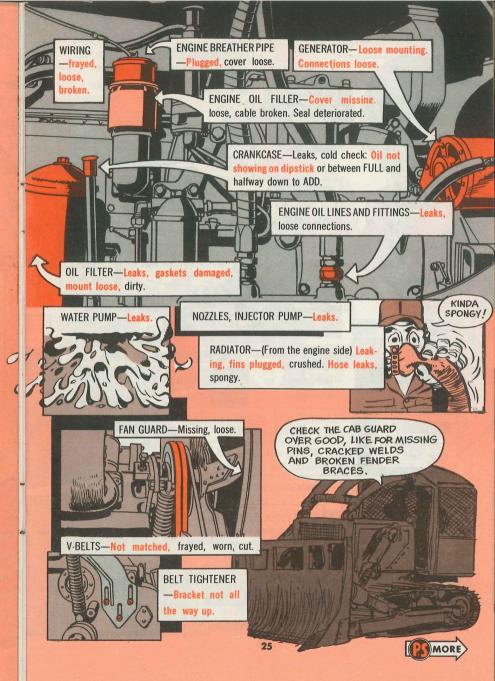
TRACK FRAMES—Cracked, loose or missing bolts; broken parts; mud packed.

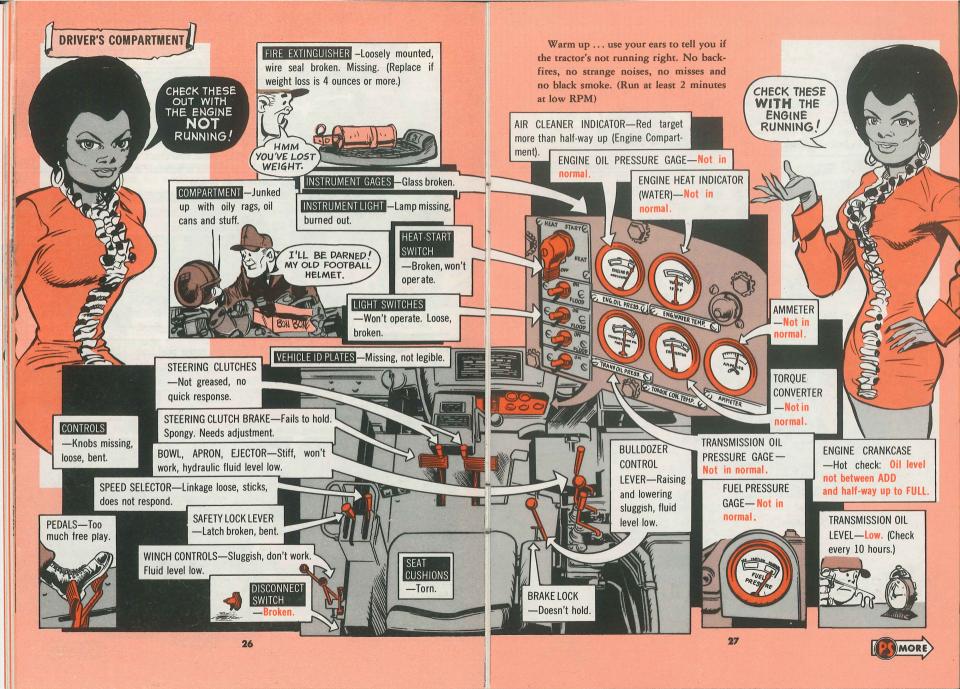
RADIATOR GUARDS—Cracks, breaks, bolts missing. Dirt or foliage packed.



FRONT CRANKCASE GUARD—Cracks, breaks, bolts missing. Pull hook broken, mounting loose. Dirt or foliage packed.







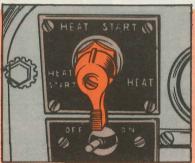
## OPERATING PRECAUTIONS

Never operate electric starter more than 30 seconds at a time. Allow 2 minutes for cooling before using starter again.

Safety lock must be ON when tractor is parked and engine's running.



Don't switch on HEAT-START when engine is warm and running.



Don't rev up too fast when starting. Let lube get to the turbocharger.



Keep your treedozer blade close to the ground when you work.

Don't use tractor in land clearing operation unless you've got the engine and cab guard protection kits mounted.

Take a break now and then to check over your tractor.



Shutting down, let engine idle 3-5 minutes to slow down turbocharger to avoid bearing burn-out.

Never turn OFF disconnect switch while engine is running.

Keep TM 5-2410-214-12 (Jun 68) handy.

Get your own copy of TB 385-5 (Mar 70), the safety manual on operating and maintaining the crawler tractor.



LO 5-2410-214-12-1 (Nov 70) LO 5-2410-214-12-2 (Nov 70) TM 5-2410-214-12 (Jun 68) and Ch I (Oct 70)

TM 5-2400-200-ESC (May 69)

TB 385-5 (Mar 70)—Operation and Safety TM 5-3830-236-12 (Oct 69)—Treedozer

