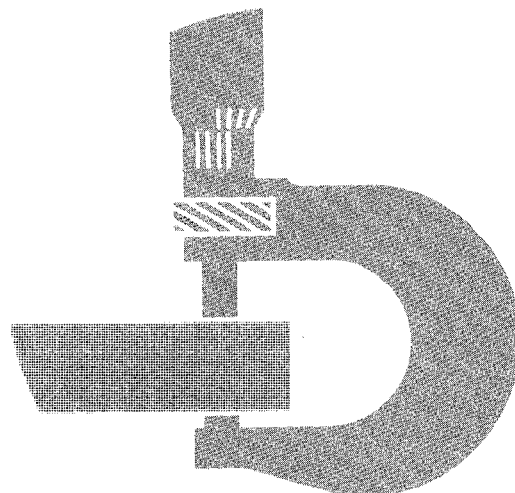


**2955, 3055,
3155 and 3255
Tractors**

**TECHNICAL
MANUAL**



TM4449 (DEC-91)
LITHO IN U.S.A.

**2955, 3055, 3155 AND
3255 TRACTORS
TECHNICAL MANUAL
TM4449 (DEC-91)**

SECTION CONTENTS IN GROUPS – REPAIR

05 – SAFETY

10 – GENERAL

- 05 – Specifications
- 10 – Predelivery, delivery and after-sales inspections
- 15 – Lubrication and service
- 20 – Tune-up
- 25 – Tractor separation

20 – ENGINE, VISCOUS FAN DRIVE AND FAN

- 05 – Radiator, viscous fan drive and fan

30 – FUEL AND AIR INTAKE SYSTEM

- 05 – Fuel tank, auxiliary tank and water trap
- 10 – Cold weather starting aids
- 15 – Speed control linkage
- 20 – Air cleaner

40 – ELECTRICAL SYSTEM

- 05 – Wiring harnesses
- 10 – Controls and instruments (without SOUND-GARD body)
- 15 – Controls and instruments (with SOUND-GARD body)
- 20 – Lighting system
- 25 – Starting motor
- 30 – Alternator

50 – POWER TRAIN

- 05 – Clutch operating systems
- 10 – Engine clutch
- 15 – Hi-Lo shift unit
- 20 – Creeper transmission
- 25 – Transmission – console shift
- 30 – Transmission – center shift
- 35 – Synchronized transmission and transmission oil pump
- 40 – Differential
- 45 – Final drives
- 50 – PTO
- 55 – Front wheel drive u.j. drive shaft and disk clutch

60 – STEERING SYSTEM AND BRAKES

- 05 – Hydrostatic steering
- 10 – Steering cylinder (without front wheel drive)
- 15 – Hydraulic brakes
- 20 – Handbrake

70 – HYDRAULIC SYSTEM

- 05 – Valves
- 10 – Hydraulic pumps
- 15 – Rockshaft
- 25 – Selective control valves (spool type)
- 30 – Selective control valves (poppet valve type)

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INHALT-LB601AE-010991

SECTION CONTENTS IN GROUPS (REPAIR)

70 – HYDRAULIC SYSTEM (CONTD.)

- 35 – ISO breakaway couplers
- 40 – ISO quick couplers
- 45 – Remote cylinder

80 – MISCELLANEOUS

- 05 – Front axle
- 10 – Front and rear wheels

90 – OPERATOR'S STATION

- 05 – Safe handling of refrigerants
- 06 – Servicing air conditioning system
- 07 – Compressor (up to tractor serial no. 663 473L)
- 08 – Compressor (from tractor serial no. 663 474L)
- 09 – Components of air conditioning system
- 10 – Cab ventilation and heating
- 15 – Operator's seats
- 20 – SOUND-GARD body
- 25 – 4-post ROLL-GARD
- 30 – 2-post ROLL-GARD
- 35 – Foldable ROPS

INHALT-LB602AE-010991

SAFETY AND YOU

This is the safety-alert symbol. When you see this symbol on the machine or in this manual, be alert to the potential for personal injury.



T 81389

T81389;053;TMSAFE 19 07OCT85

IMPORTANT

The IMPORTANT message identifies potential problems which may cause consequential damage to machine. Following recommended procedure will instruct technician how to avoid problem.

A68;N01;0000 19 U 05NOV82

NOTES

The word NOTE is followed by a statement that identifies a qualification or exception to a previous statement. A "NOTE" may also identify nice-to-know information pertinent to, but not directly related to previous statement.

A68; N01;0000 19 V 05NOV82

HANDLE FLUIDS SAFELY – AVOID FIRES

When you work around fuel, do not smoke or work near heaters or other fire hazards.

Store flammable fluids away from fire hazards. Do not incinerate or puncture pressurized containers.

Make sure machine is clean of trash, grease, and debris.

Do not store oily rags; they can ignite and burn spontaneously.



TS 227

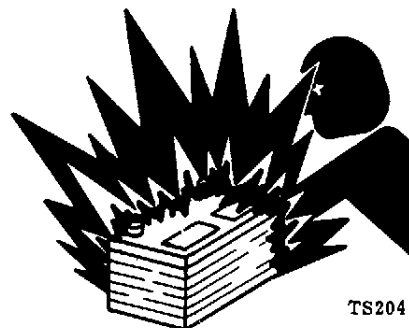
TS227-DX,FLAME-19-04JUN90

PREVENT BATTERY EXPLOSIONS

Keep sparks, lighted matches, and open flame away from the top of battery. Battery gas can explode.

Never check battery charge by placing a metal object across the posts. Use a volt-meter or hydrometer.

Do not charge a frozen battery; it may explode. Warm battery to 16°C (60°F).



TS204

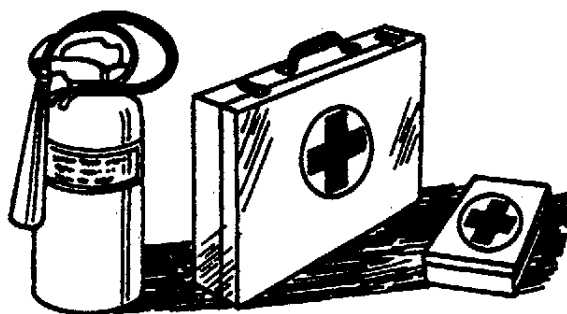
TS204-DX,SPARKS-19-04JUN90

PREPARE FOR EMERGENCIES

Be prepared if a fire starts.

Keep a first aid kit and fire extinguisher handy.

Keep emergency numbers for doctors, ambulance service, hospital, and fire department near your telephone.



TS291

TS291-DX,FIRE2-19-04JUN90



Thank you very much
for your reading.
Please click here
to get more information.