

2700, 2800 and 2900 Tractors



TECHNICAL MANUAL 2700, 2800 and 2900 Tractors

TM1564 (08FEB95) English

JDI GmbH-ISB
TM1564 (08FEB95)

LITHO IN U.S.A.
ENGLISH



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A John Deere ILLUSTRATION® Manual

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.



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TS227

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).



DX,SPARKS

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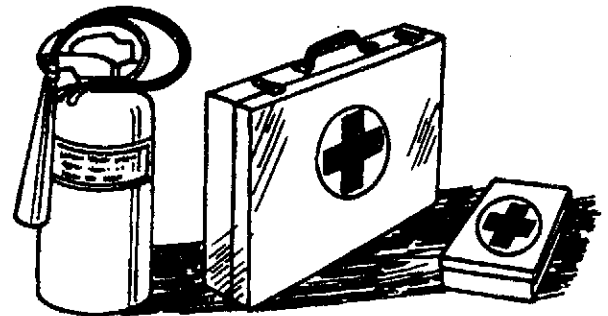
TS204

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.



DX,FIRE2

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TS281

PREVENT ACID BURNS

Sulfuric acid in battery electrolyte is poisonous. It is strong enough to burn skin, eat holes in clothing, and cause blindness if splashed into eyes.

Avoid the hazard by:

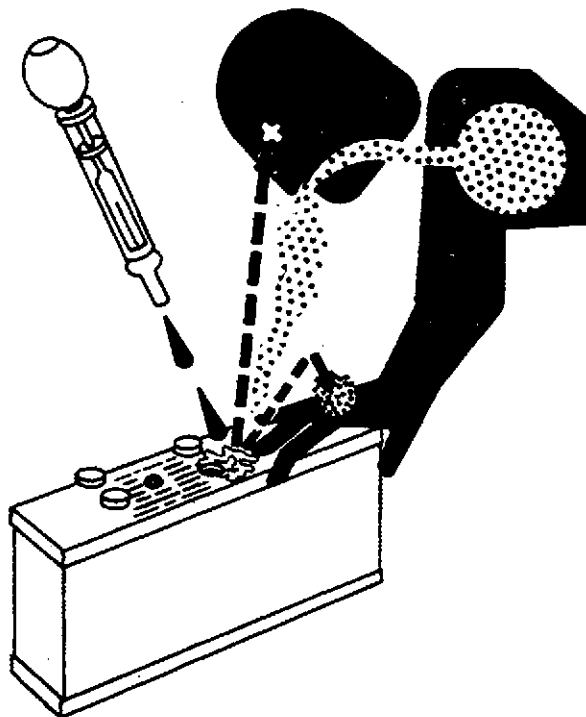
1. Filling batteries in a well-ventilated area.
2. Wearing eye protection and rubber gloves.
3. Avoiding breathing fumes when electrolyte is added.
4. Avoiding spilling or dripping electrolyte.
5. Use proper jump start procedure.

If you spill acid on yourself:

1. Flush your skin with water.
2. Apply baking soda or lime to help neutralize the acid.
3. Flush your eyes with water for 15—30 minutes. Get medical attention immediately.

If acid is swallowed:

1. Do not induce vomiting.
2. Drink large amounts of water or milk, but do not exceed 2 L (2 quarts).
3. Get medical attention immediately.



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DX,POISON -19-21APR93

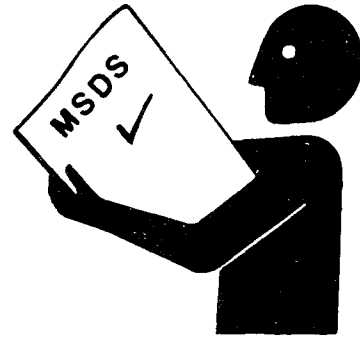
HANDLE CHEMICAL PRODUCTS SAFELY

Direct exposure to hazardous chemicals can cause serious injury. Potentially hazardous chemicals used with John Deere equipment include such items as lubricants, coolants, paints, and adhesives.

A Material Safety Data Sheet (MSDS) provides specific details on chemical products: physical and health hazards, safety procedures, and emergency response techniques.

Check the MSDS before you start any job using a hazardous chemical. That way you will know exactly what the risks are and how to do the job safely. Then follow procedures and recommended equipment.

(See your John Deere dealer for MSDS's on chemical products used with John Deere equipment.)



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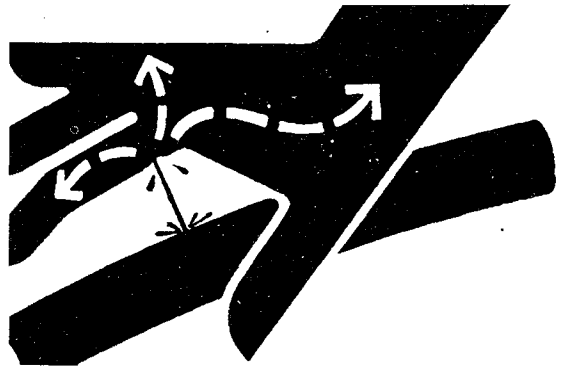
AVOID HIGH-PRESSURE FLUIDS

Escaping fluid under pressure can penetrate the skin causing serious injury.

Avoid the hazard by relieving pressure before disconnecting hydraulic or other lines. Tighten all connections before applying pressure.

Search for leaks with a piece of cardboard. Protect hands and body from high pressure fluids.

If an accident occurs, see a doctor immediately. Any fluid injected into the skin must be surgically removed within a few hours or gangrene may result. Doctors unfamiliar with this type of injury should reference a knowledgeable medical source. Such information is available from Deere & Company Medical Department in Moline, Illinois, U.S.A.



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SEPARATE TRANSMISSION FROM ENGINE

1. If tractor is equipped with cab, remove cab from platform.

NOTE: Cab removal information not available at time of printing.

2. If tractor is equipped with front wheel drive, remove drive shaft from front axle and gear box.

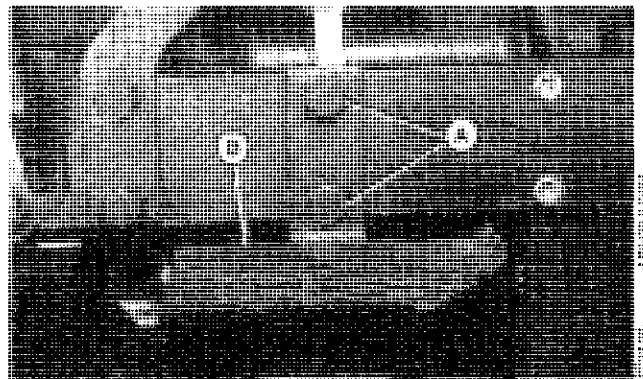
NOTE: Front wheel drive information not available at time of printing.

TM1564,1510,A -19-08FEB95

3. Remove platform (See **Platform Removal**, Section 90, Group 10).

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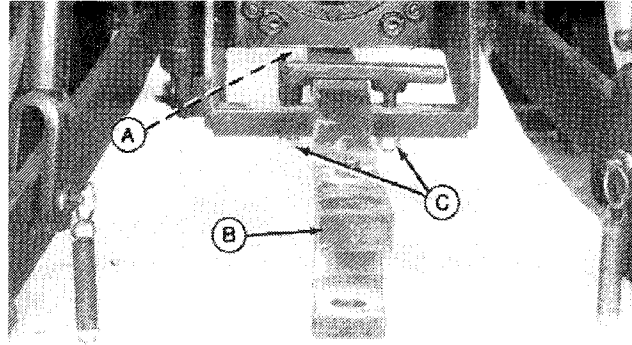
4. Remove two bolts and lock washers (A) from right rear tractor engine frame and remove step (B).



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Separate Transmission from Engine/Separate Transmission from Engine

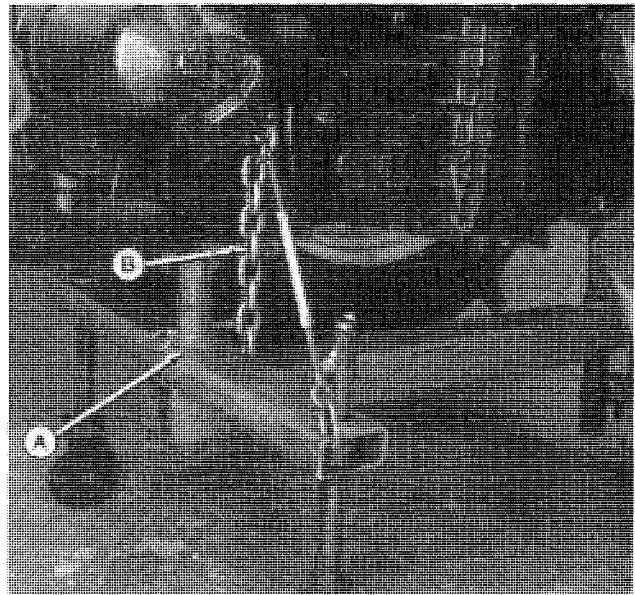
5. Remove drawbar ring pin (A) from front of drawbar (B). Loosen two nuts (C) on drawbar bridge and remove drawbar (B) from tractor.



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6. Position D05007ST rear tractor splitting stand (A) under tractor transmission. Adjust stand height to transmission at front and rear of stand. Install hold down chain (B) to stand and around transmission.

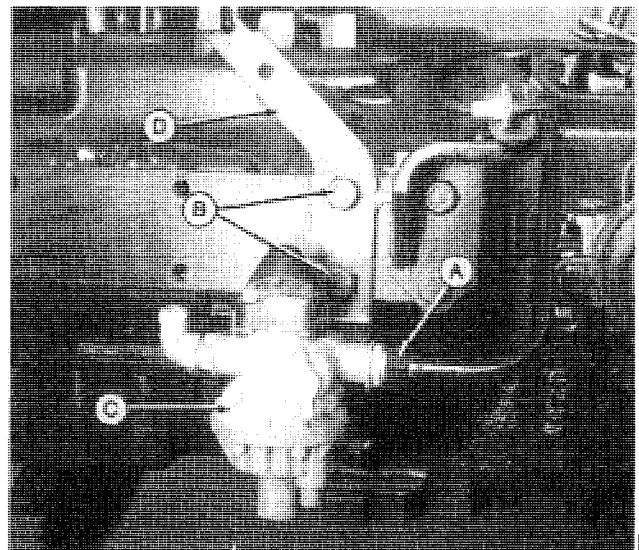


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-UN-06JUN94

7. Remove nut (A) from air regulator located at left rear engine frame. Remove two bolts and lock washers (B) from frame. Remove regulator (C), spacer and left rear side engine cover bracket (D) from tractor.

A—Nut
B—Bolts
C—Regulator
D—Cover Bracket



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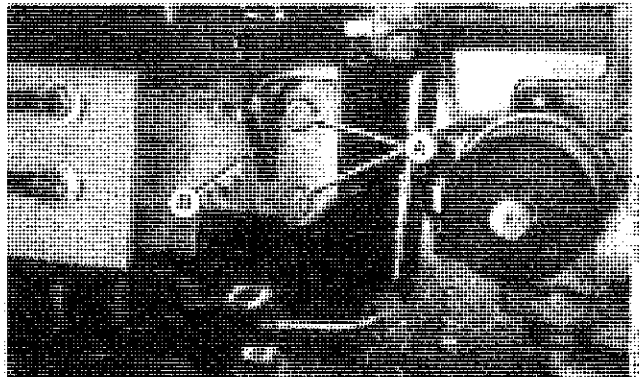
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8. Position D05006ST front splitting stand (A) to rear of left and right-hand engine frame. Adjust height of stand and secure both sides of stand to tractor frame using three M15 x 50 bolts and flat washers (B) on each side of the frame.



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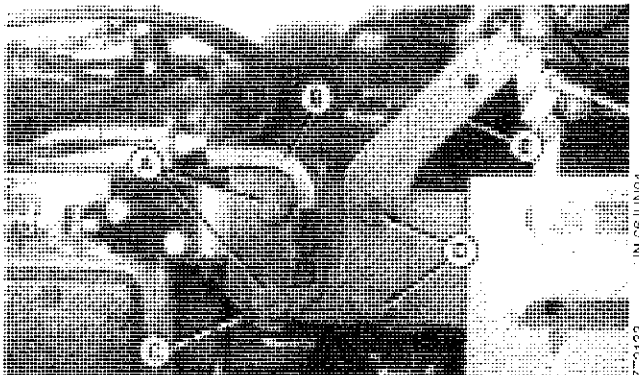
9. Remove two bolts and lock washers (A) and remove platform mounting bracket (B) from left side of clutch housing.



TM1564,1510,H -19-08FEB95

10. Remove two bolts and lock washers (A) from front right-hand platform mounting bracket (B) and remove bracket with spacer (C). Remove two bolts and lock washers (D) from right rear side cover bracket (E) and remove bracket from tractor.

- A—Bolts
- B—Platform Bracket
- C—Spacer
- D—Bolts
- E—Cover Bracket

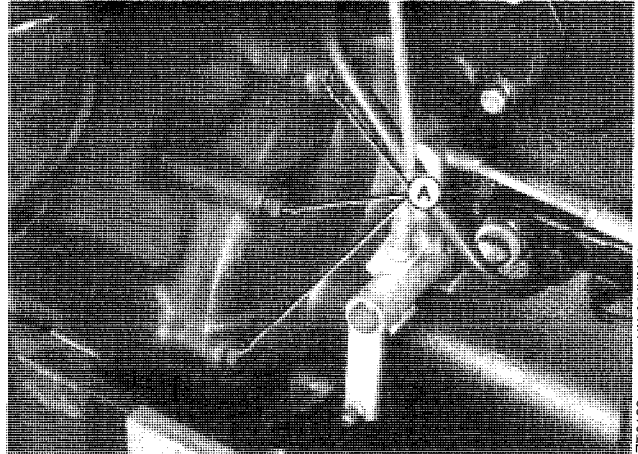


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Separate Transmission from Engine/Separate Transmission from Engine

11. Remove thirteen cap screws and lock washers (A) from around clutch housing to engine.

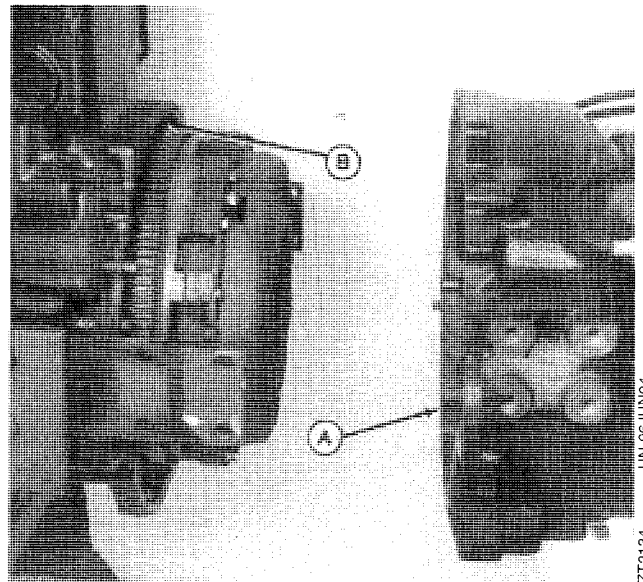
NOTE: Three cap screws illustrated.



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12. Separate transmission and rear of tractor (A) from engine and front of tractor (B) by blocking rear wheels of tractor and pushing front half of tractor forward.



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ZT2134

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