



3155 TRACTOR



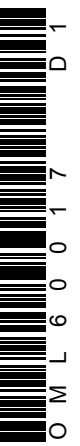
JOHN DEERE

OPERATORS MANUAL 3155 TRACTOR

OML60017 D1 English

JOHN DEERE WERKE MANNHEIM
OML60017 D1

LITHO IN THE U.S.A.
ENGLISH



Introduction

READ THIS MANUAL CAREFULLY to learn how to operate and service your machine correctly. Failure to do so could result in personal injury or equipment damage.

THIS MANUAL SHOULD BE CONSIDERED a permanent part of your machine and should remain with the machine when you sell it.

Measurements in this manual are U.S. customary units and their metric equivalents.

RIGHT-HAND AND LEFT-HAND SIDES are determined by facing in the direction of forward travel.

WRITE PRODUCT IDENTIFICATION NUMBERS in the Identification Numbers section. Accurately record all the numbers to help in tracing the machine should it be stolen. Your dealer also needs these numbers when you order parts. If this manual is kept on the machine, also file the identification numbers in a secure place off the machine.

WARRANTY is provided as part of John Deere's support program for customers who operate and maintain their equipment as described in this manual. The warranty is explained on the warranty certificate which you should have received from your dealer.

This warranty provides you the assurance that John Deere will back its products where defects appear within the warranty period. In some circumstances, John Deere also provides field improvements, often without charge to the customer, even if the product is out of warranty. Should the equipment be abused, or modified to change its performance beyond the original factory specifications, the warranty will become void and field improvements may be denied. Setting fuel delivery above specifications or otherwise overpowering machines will result in such action.

THE TIRE MANUFACTURER'S warranty supplied with your machine may not apply outside the U.S.

All information, illustrations, and specifications contained in this operator's manual are based on the latest information available at the time of publication. The right is reserved to make changes at any time without notice.

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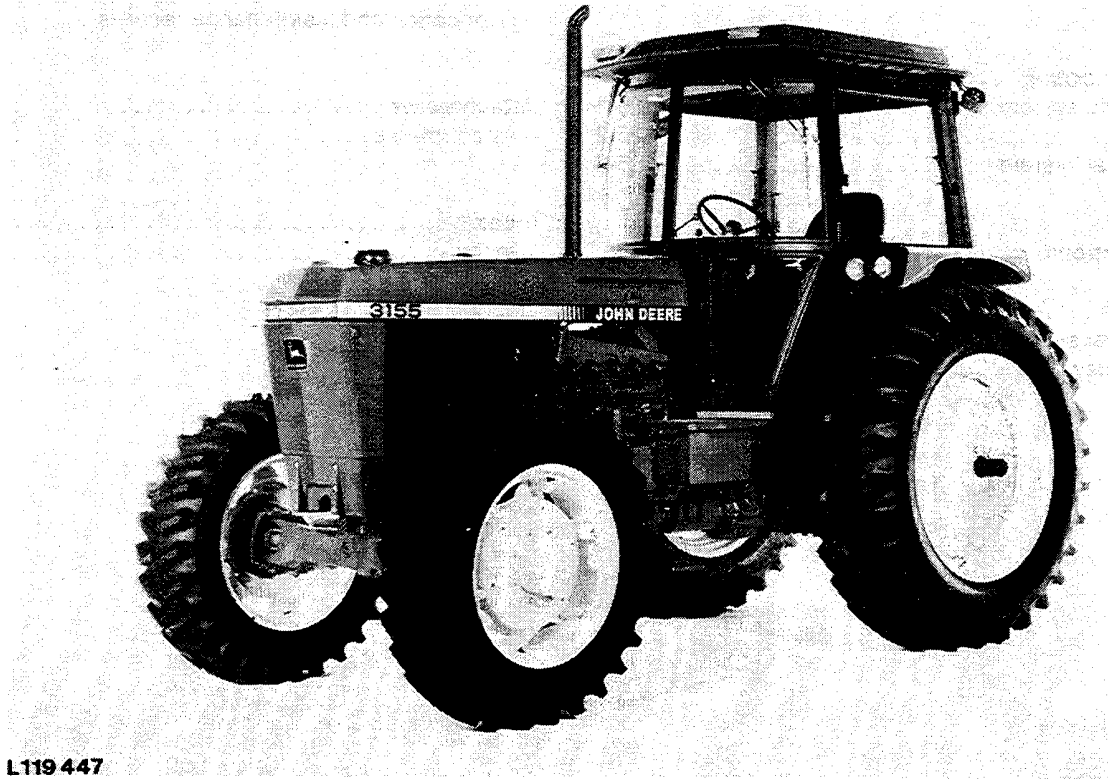
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Identification Views



L119447-3155ALE-010988

Safety (General)

RECOGNIZE SAFETY INFORMATION

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

Follow recommended precautions and safe operating practices as well as the general safety and accident prevention regulations in order to avoid accidents.



T 81389

T81389-ESPD AE-260188

FOLLOW SAFETY INSTRUCTIONS

Carefully read all safety messages in this manual and on your machine safety signs. Keep safety signs in good condition. Replace missing or damaged safety signs.

Learn how to operate the machine and how to use the controls before starting work. During work is too late! Do not let anyone operate without instruction.

Keep your machine in proper working condition. Unauthorized modifications to the machine may impair the function and/or safety and affect machine life.



TS201

TS201-ESPD AE-260188

UNDERSTAND SIGNAL WORDS

A signal word – DANGER, WARNING or CAUTION – is used with the safety alert symbol. DANGER identifies the most serious hazards.

Safety signs with signal words DANGER or WARNING are typically located near specific hazards.

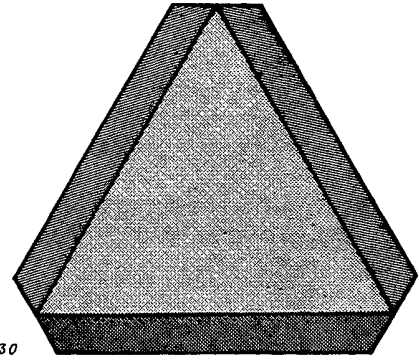
General precautions are listed on the CAUTION safety signs. CAUTION also calls attention to safety messages in this manual.

SIGNAL-ESPD AE-140388

Safety (General)

OBSERVE ROAD TRAFFIC REGULATIONS

Always observe local road traffic regulations when using public roads.



H28930

H28930-ESPAE-160288

PREVENT MACHINE RUNAWAY

Avoid possible injury or death from a machine runaway.

Do not start the engine by shorting across starter terminals. Machine will start in gear if normal circuitry is bypassed.

NEVER start engine while standing on ground. Start engine only from operator's seat, with the transmission in neutral or "Park".



TS177

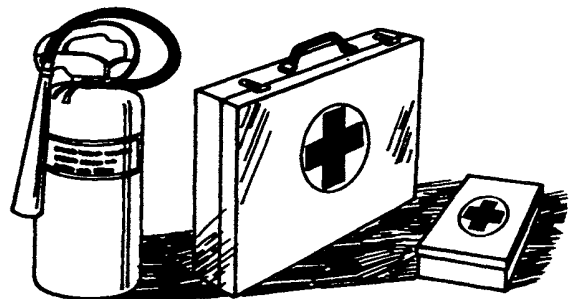
TS177-ESPAE-260188

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.



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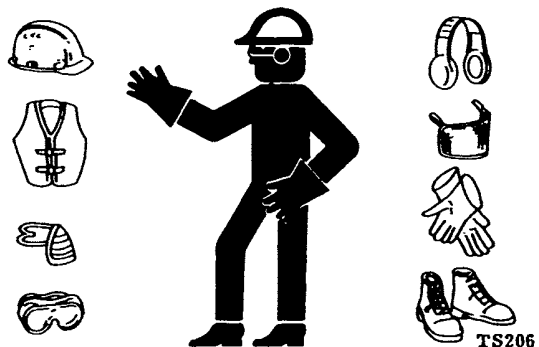
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WEAR PROTECTIVE CLOTHING

Wear close fitting clothing and safety equipment appropriate to the job.

Prolonged exposure to loud noise can cause impairment or loss of hearing.

Wear a suitable hearing protective device such as ear-muffs or earplugs to protect against objectionable or uncomfortable loud noises.



TS206

TS206-ESPAE-230487

HANDLE FUEL SAFELY – AVOID FIRES

Handle fuel with care: It is highly flammable. Do not refuel the machine while smoking or when near an open flame or sparks.

Always stop engine and remove key from main switch before refueling machine. Fill fuel tank outdoors.

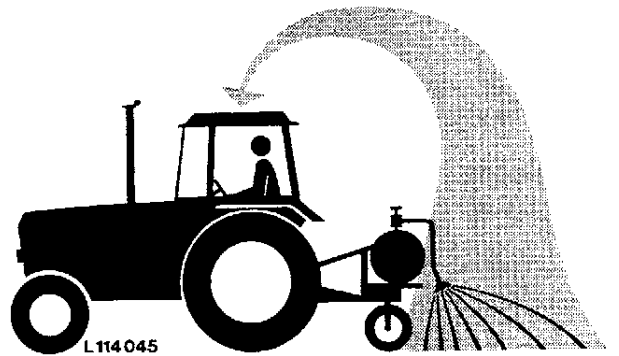
Prevent fires by keeping machine clean of accumulated trash, grease and debris. Always clean up spilled fuel.



TS202-ESPD AE-250188

HANDLE CHEMICALS PROPERLY

The operator's cab air filters are NOT designed to filter out harmful chemicals. Follow instructions given in the implement operator's manual and those given by chemical manufacturer when using agricultural chemicals.

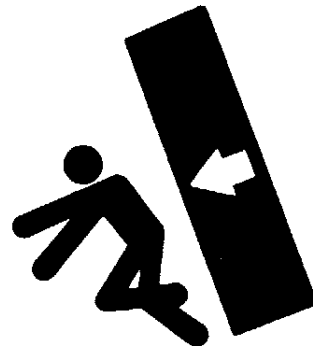


L114045-ESPD AE-140388

STORE ATTACHMENTS SAFELY

Stored attachments such as dual wheels, cage wheels and loaders can fall and cause serious injury or death.

Securely store attachments and implements to prevent falling. Keep playing children and bystanders away from storage area.



TS219-ESPD AE-160288

Safety (Operation)

CHECK MACHINE SAFETY

Always check the road and general operating safety of the machine before using.

SAFETY-ESPDAE-260188

DRIVING THE TRACTOR

Operate tractor only when all guards are fitted and in their correct position.

Before moving away, always check immediate vicinity of machine (e.g. for children). Ensure adequate visibility.

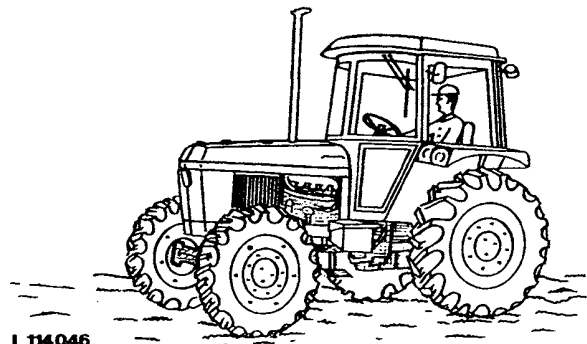
Always adapt your ground speed to meet the ground conditions. Avoid making sharp turns when driving up or down slopes or when driving across the slope. Do not attempt to turn the machine with the differential lock engaged. When driving down slopes, never depress the clutch and change gear!

Attach implements and trailers to the tractor only using the prescribed drawbars or hitches. Attach trailers and implements correctly. Always ensure that trailers and implements cannot roll away.

When making turns with towed or mounted implements, always take into consideration the width and inertia of the implement.

Reduce your ground speed when driving the tractor on slopes or over uneven ground and before making sharp turns. Before descending a steep hill, shift to a lower gear. Never coast downhill!

Avoid holes, ditches and obstructions which may cause the tractor to tip, particularly on hillsides.



L 114046

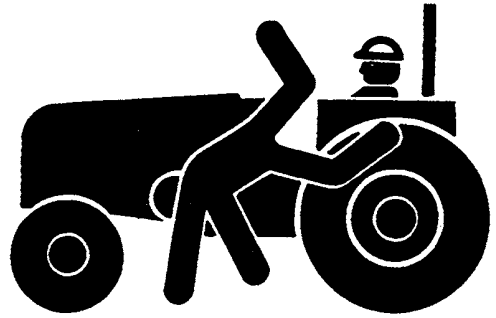
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KEEP RIDERS OFF MACHINE

Only allow the operator on the machine.
Keep riders off.

Riders on machine are subject to injury such as being struck by foreign objects and being thrown off of the machine. Riders also obstruct the operator's view resulting in the machine being operated in an unsafe manner.

On machines equipped with a passenger seat, one rider is permitted.



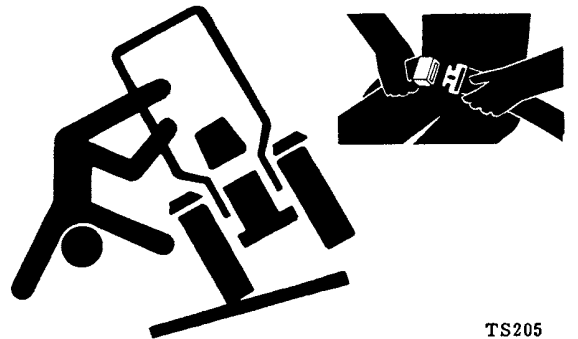
TS213

TS213-ESPD AE-140388

USE SEAT BELT PROPERLY

Use a seat belt when operating the machine with a roll-over protective structure (ROPS) to minimize the risk of injury from an accident such as an overturn.

Do not use a seat belt if operating without a ROPS.



TS205

TS205-ESPD AE-260188

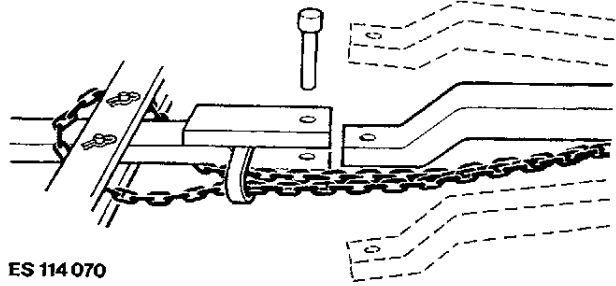
USE A SAFETY CHAIN

A safety chain will help control drawn equipment should it accidentally separate from the drawbar while transporting.

Using appropriate adapter parts, attach the chain to the tractor drawbar support or other specified anchor location. Provide only enough slack in the chain to permit turning.

See your John Deere dealer for a chain with a strength rating equal to or greater than the gross weight of the towed machine.

Do not use the safety chain for towing!



ES 114 070

ES114070-ESPD AE-080988

STAY CLEAR OF ROTATING DRIVELINES

Entanglement in rotating driveline can cause serious injury or death. When operating with the PTO, no-one must be allowed to remain in the vicinity of the rotating PTO stub shaft or drive shaft. Always ensure that the guards for PTO drive shaft, PTO stub shaft and drive shaft guards are in position and that rotating shields turn freely.

Wear close-fitting clothing. Stop the engine and be sure PTO driveline is stopped before making adjustments, connections or cleaning out PTO-driven equipment.

As soon as PTO drive shaft has been removed, reinstall guard over PTO stub shaft.



TS198

TS198-ESPD AE-160286

REDUCE SPEED WHEN TOWING LOADS

Braking to stop towed loads from transport speeds can cause the towed load to swerve and upset. Reduce speed if towed load weighs more than the tractor and is not equipped with brakes.

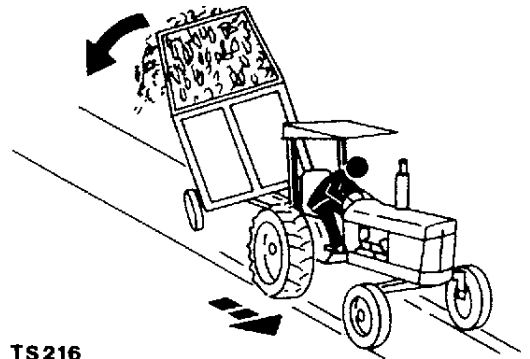
Follow recommended speed-weight ratio guidelines for towed loads not equipped with independent brakes:

Maximum speed is 32 km/h (20 mph) when towing load equal to or less in weight than the tractor.

Reduce speed to 16 km/h (10 mph) when towing load more than the tractor weight.

Do not tow loads exceeding double the tractor weight.

Use additional caution when towing loads under adverse surface conditions, when turning and on inclines.



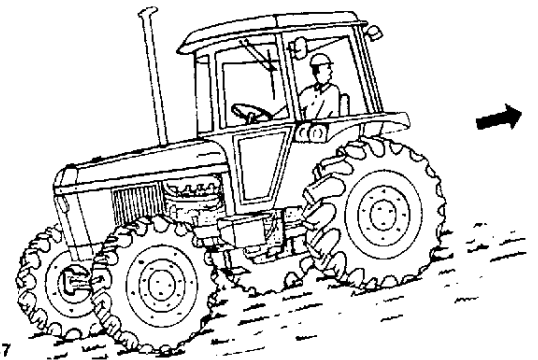
TS216

TS216-ESPD AE-160388

FRONT-WHEEL DRIVE

Front-wheel drive greatly increases traction. This means that the tractor can be driven on steeper slopes, increasing the possibility of a tip over. Driving forward out of a ditch or up a steep slope could cause tractor to tip over to the rear. Therefore reverse out of these situations whenever possible.

Never drive near the edge of a gully or steep embankment – it might cave in!



L 114 047

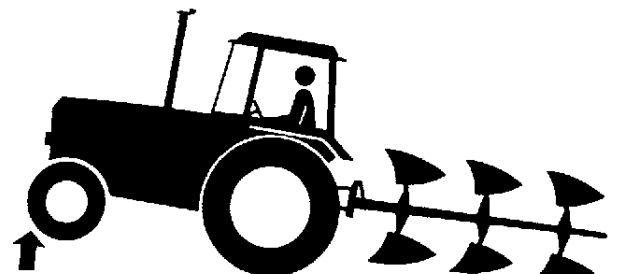
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BALLASTING FOR SAFE GROUND CONTACT

Operating, steering and braking performance of tractor can be considerably affected by attached implements, trailers or ballast weights.

To maintain the necessary ground contact, ballast the tractor as necessary.

Observe the maximum permissible axle loads and total weights.



ES 114 061

ES114061-ESPD AE-220688

OPERATING THE ENGINE

Never operate the engine in a closed building.
Danger of asphyxiation!

When starting the engine, rockshaft control lever must be in "lower" position.



ES 118 711

ES118711-ESPDAE-220688

HANDLE STARTING FLUID SAFELY

Starting fluid is highly flammable.

Keep all sparks and flames away when using it. Keep starting fluid away from batteries and cables.

To prevent accidental discharge when storing the pressurized can, always keep the cap on the container and store in a cool, protected location.

Do not incinerate or puncture starting fluid containers, even when empty.



TS 6089 A

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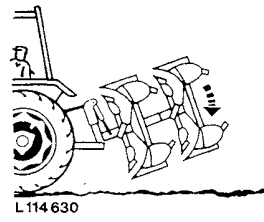
PARKING AND LEAVING THE TRACTOR

Lower mounted implement(s) or equipment to the ground before leaving the tractor.

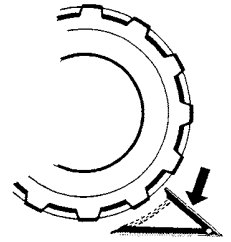
When leaving the tractor and/or implements, shut off engine, engage range and gear shift levers as well as handbrake or parking lock, remove main switch key and lock the operator's cab (when equipped). Position chock blocks.

Never leave tractor unattended as long as engine is still running.

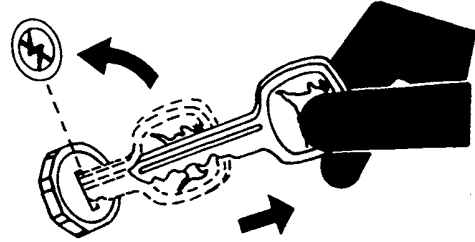
Never leave the operator's platform/cab when driving.



L114 630



L102 637 A



TS 230

Safety (Service)

PRACTICE SAFE MAINTENANCE

Understand service procedure before doing work. Keep area clean and dry.

Never lubricate or service machine while it is moving. Keep hands, feet and clothing from power-driven parts. Disengage all power and operate the controls to relieve pressure. Lower equipment to the ground. Stop the engine. Remove the key. Allow machine to cool.

Securely support any machine elements that must be raised for service work.

Keep all parts in good condition and properly installed. Fix damage immediately. Replace worn or broken parts. Remove any buildup of grease, oil or debris.

Disconnect battery ground cable(s) (-) before making adjustments on electrical system or welding on machine.



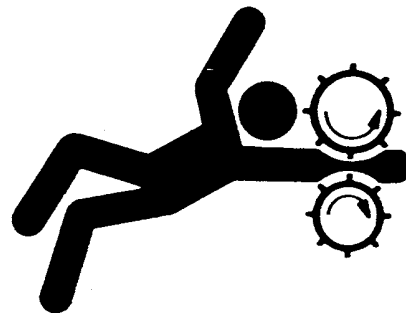
TS218

TS218-ESPDAE-160288

SERVICE MACHINE SAFELY

Tie long hair behind your head. Do not wear a necktie, scarf, loose clothing or necklace when you work near machine tools or moving parts. If these items were to get caught, severe injury could result.

Remove rings and other jewelry to prevent electrical shorts and entanglement in moving parts.



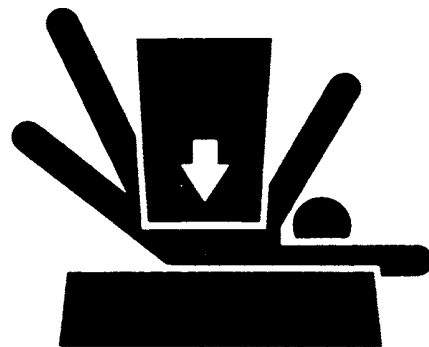
TS228

TS228-ESPDAE-160288

SUPPORT MACHINE PROPERLY

Always lower the attachment or implement to the ground before you work on the machine. If you must work on a lifted machine or attachment, securely support the machine or attachment.

Do not support the machine on cinder blocks, hollow tiles or props that may crumble under continuous load. Do not work under a machine that is supported solely by a jack. Follow recommended procedures in this manual.

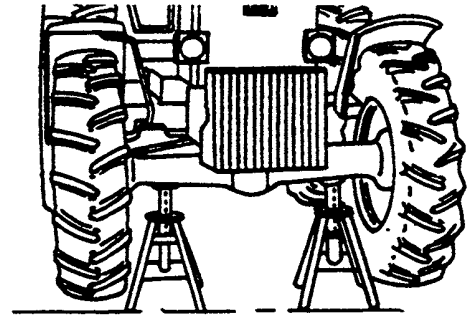


TS229

TS229-ESPDAE-160288

SERVICE FRONT-WHEEL DRIVE TRACTOR SAFELY

When servicing front-wheel drive tractor with the rear wheels supported off the ground and rotating wheels by engine power, always support front wheels in a similar manner. Loss of electrical power or transmission/hydraulic system pressure will engage the front driving wheels, pulling the rear wheels off the support if front wheels are not raised. Under these conditions, front drive wheels can engage even with switch in disengaged position.

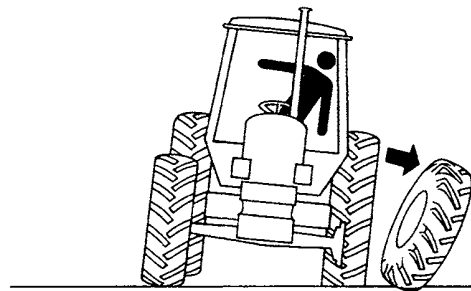


L114 050

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RETIGHTEN WHEEL NUTS

Retighten machine wheel nuts at the intervals specified in section "Break-In Period" and "Service".



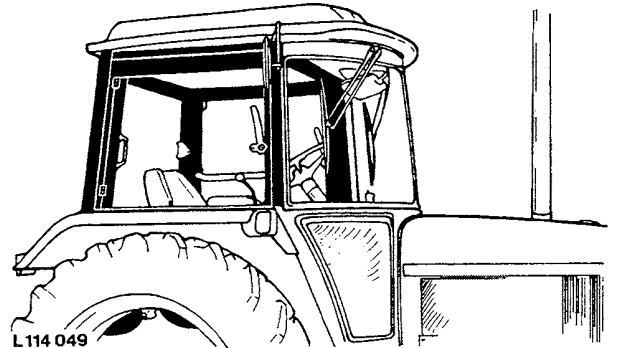
ES 114 062

ES114062-ESPD AE-220688

KEEP CAB/ROPS INSTALLED PROPERLY

Make certain all parts are reinstalled correctly if the cab or roll-over protective structure (ROPS) is loosened or removed for any reason. Tighten mounting bolts to specified torque.

Protection offered by cab or ROPS will be impaired if subjected to structural damage, involved in an overturn incident or altered in any way by welding, bending, drilling or cutting. A damaged cab or ROPS should be replaced, not reused.



L114 049

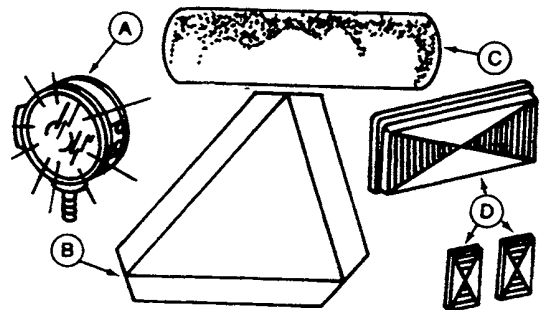
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USE SAFETY LIGHTS AND DEVICES

When transporting your machine on a public road either at night or during the day, use the necessary safety lights. Check local government regulations.

Keep safety items in good condition. Replace missing or damaged items.

- A-Lights
- B-Slow moving vehicle emblem
- C-Reflector tape
- D-Reflectors



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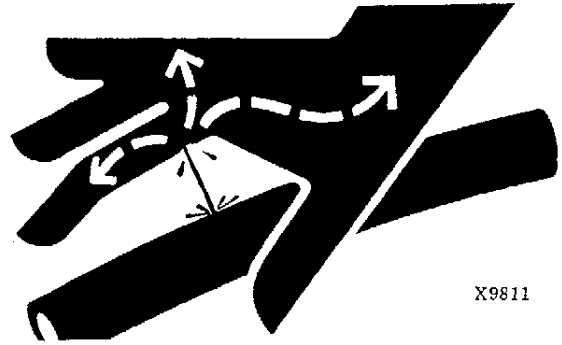
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AVOID HIGH-PRESSURE FLUIDS

Escaping fluid (fuel or hydraulic oil) under pressure can penetrate the skin causing serious injury. Relieve pressure before disconnecting hydraulic or other lines. Tighten all connections before applying pressure. Keep hands and body away from pinholes and nozzles which eject fluids under high pressure. Use a piece of cardboard to search for leaks.

If ANY fluid is injected into the skin, it must be surgically removed within a few hours by a doctor familiar with this type of injury, or gangrene may result.



X9811

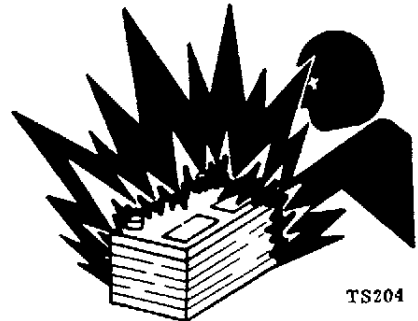
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AVOID BATTERY EXPLOSIONS

Battery gas can explode. Keep sparks and flames away from batteries. Use a flashlight to check battery electrolyte level.

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

Always remove grounded (-) battery clamp first and replace it last.



TS204

TS204-ESPDAE-260188

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