

755, 855, and 955 Tractors

(Serial No. 100001 -)

John Deere Horicon Works
OMM95303 Issue 10
**(Mark old manual OMM92614 H9 for
machines up to Serial No. 099999.)**

LITHO IN U.S.A.
ENGLISH

Introduction

THANK YOU for purchasing a John Deere product.

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 the implement will travel when going forward.

WRITE IDENTIFICATION NUMBERS in the Specifications 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.



M39547
-UN-29AUG88

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OMM95303 10-19-17JUL90

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Safety

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.



DX,ALERT -19-04JUN90

T81389 -UN-07DEC88

UNDERSTAND SIGNAL WORDS

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

DANGER or WARNING safety signs are located near specific hazards. General precautions are listed on CAUTION safety signs. CAUTION also calls attention to safety messages in this manual.



DX,SIGNAL -19-04JUN90

TS187 -19-30SEP88

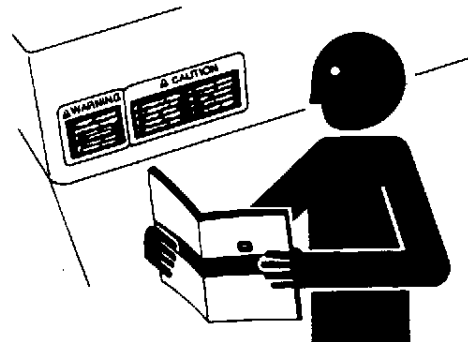
FOLLOW SAFETY INSTRUCTIONS

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. Be sure new equipment components and repair parts include the current safety signs. Replacement safety signs are available from your John Deere dealer.

Learn how to operate the machine and how to use controls properly. 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.

If you do not understand any part of this manual and need assistance, contact your John Deere dealer.



DX,READ -19-04JUN90

TS201 -UN-23AUG88

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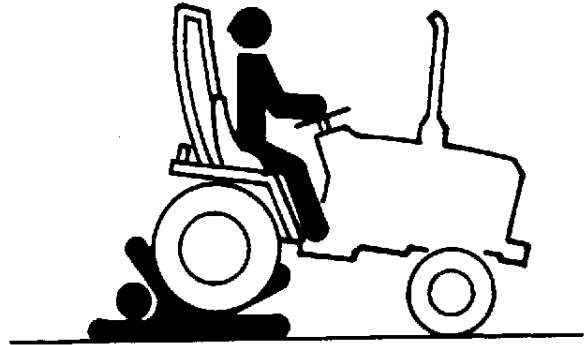
PROTECT CHILDREN AND BYSTANDERS

Keep children and bystanders away when you operate tractor.

BEFORE YOU BACK UP:

- STOP PTO.
- Look behind tractor for bystanders.

Do not let children operate tractor.



MX,SAY,A -19-17JUL90

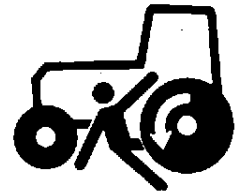
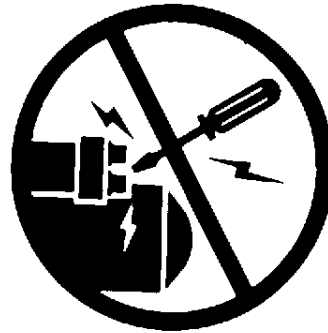
M61505 -UN-26SEP88

PREVENT MACHINE RUNAWAY

Avoid possible injury or death from machinery runaway.

Do not start 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 transmission in neutral or park.



DX,BYPAS1 -19-04JUN90

TS177 -UN-11JAN89

USE SEAT BELT PROPERLY

Use a seat belt when you operate with a roll-over protective structure (ROPS) to minimize chance of injury from an accident such as an overturn.

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



DX,ROPS1 -19-04JUN90

TS205 -UN-23AUG88

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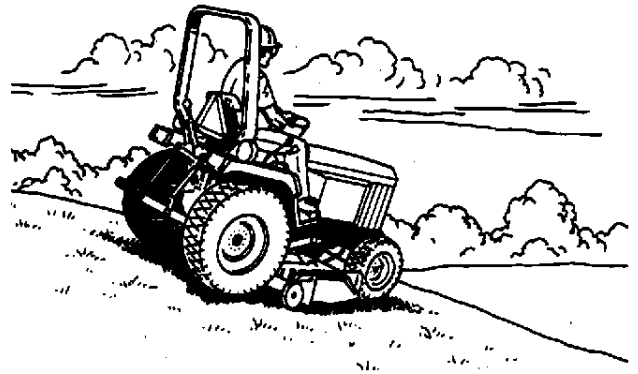
OPERATE SAFELY ON SLOPES

To prevent tipping or losing control of tractor, slow down and be careful when you drive on slopes or make a sharp turn. Be careful when you change directions on a slope. DO NOT start suddenly as you drive up or down a slope. If engine stops as you drive up a slope:

- Shut off PTO.
- Back down slowly.

Operate up and down a slope—not across.

Use extra caution when operating with MFWD. MFWD increases traction and increases possibility of a tip over.



M39681 -UN-09SEP88

MX.SAY,B -19-17JUL90

AVOID TIPPING

Do not drive where machine could slip or tip.

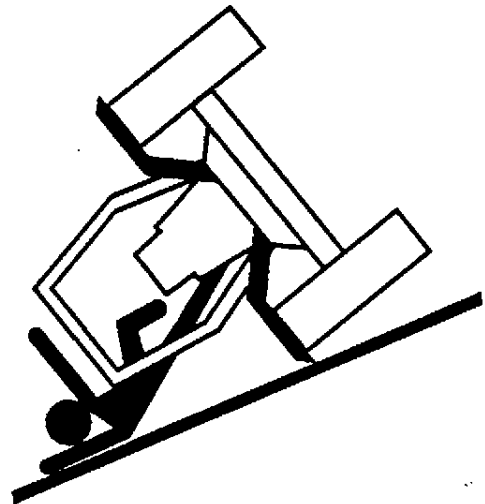
Stay alert for holes, rocks, roots in the terrain, and other hidden hazards. Keep away from drop-offs.

Slow down before you make a sharp turn. Do not apply turn brake pedal at high speeds.

Driving forward out of a ditch, mired condition or up a steep slope could cause tractor to tip over backward. Back out of these situations if possible.

Use care when pulling loads or using heavy equipment. Use counterweights or wheel weights suggested in this operator's manual.

Do not turn on slopes and hills with differential lock engaged.



M61727 -UN-04OCT88

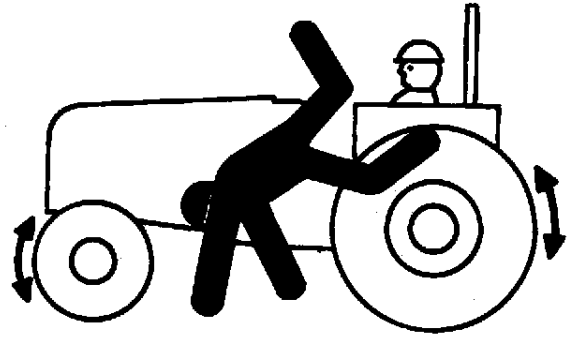
MX.SAY,C -19-17JUL90

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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.



DX,RIDER -19-04JUN90

TS290
-UN-23AUG88

HANDLE FUEL SAFELY—AVOID FIRES

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

Always stop engine before refueling machine. Fill fuel tank outdoors.

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



DX,FIRE1 -19-04JUN90

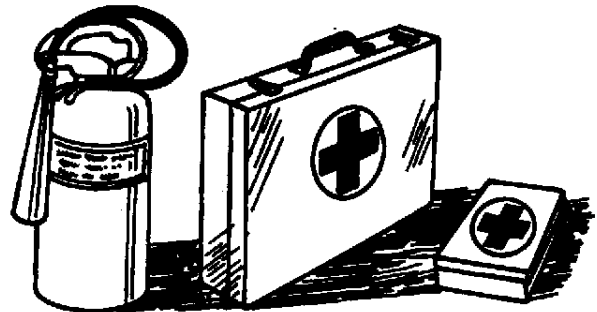
TS202
-UN-23AUG88

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 -19-04JUN90

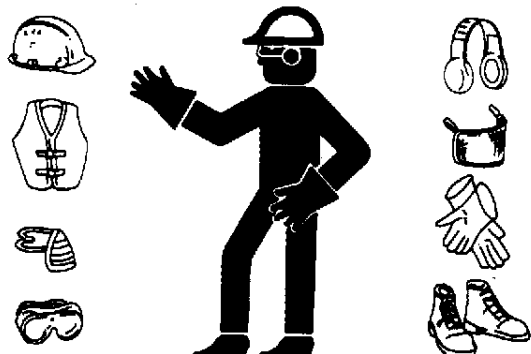
TS291
-UN-23AUG88

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 earmuffs or earplugs to protect against objectionable or uncomfortable loud noises.



DX,WEAR -19-04JUN90

TS206
-UN-23AUG88

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STAY CLEAR OF ROTATING DRIVELINES

Entanglement in rotating driveline can cause serious injury or death.

Keep tractor master shield and driveline shields in place at all times. Make sure 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.



DX,PTO -19-04JUN90

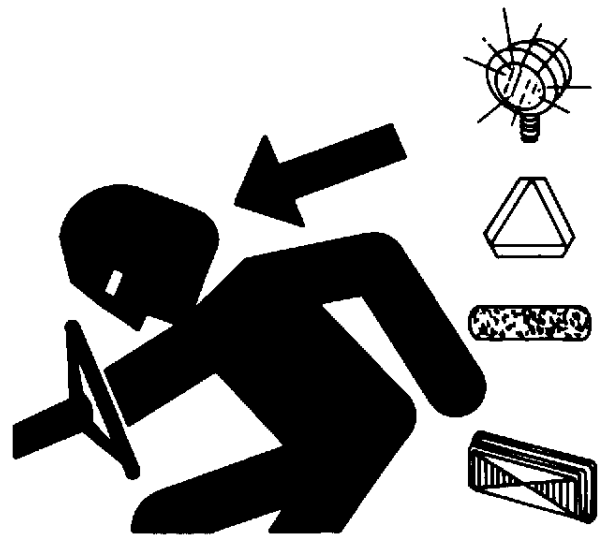
TS198 -UN-23AUG88

USE SAFETY LIGHTS AND DEVICES

Slow moving tractors, self-propelled equipment and towed implements or attachments can create a hazard when driven on public roads. They are difficult to see, especially at night. Avoid personal injury or death resulting from collision with a vehicle.

Flashing warning lights and turn signals are recommended whenever driving on public roads. To increase visibility, use the lights and devices provided with your machine. For some equipment, install extra flashing warning lights.

Keep safety items in good condition. Replace missing or damaged items. An implement safety lighting kit is available from your John Deere dealer.



DX,FLASH -19-04JUN90

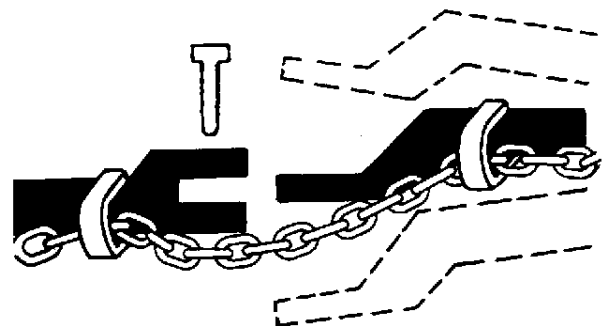
TS951 -UN-12APR90

USE A SAFETY CHAIN

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

Using the 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 safety chain for towing.



DX,CHAIN -19-04JUN90

TS217 -UN-23AUG88

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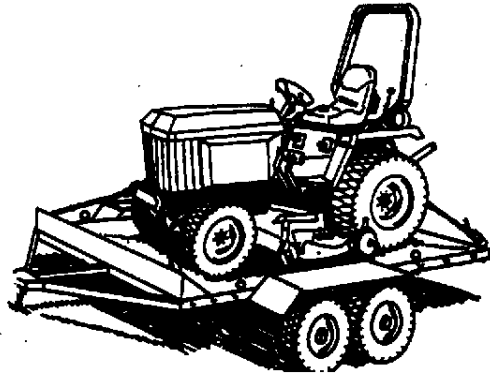
TRANSPORT TRACTOR SAFELY

Use a heavy duty trailer to transport tractor.

Do not pull tractor behind any other vehicle.

Be sure trailer has all necessary lights and signs required by local, state, provincial, or federal laws.

Fasten tractor to trailer with straps, chains, or cables.



MX,SAY,C1 -19-17JUL90

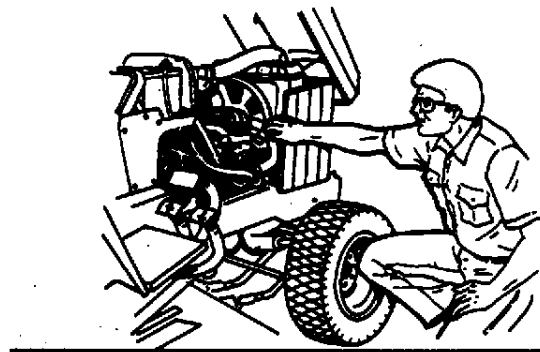
M39682 -UN-09SEP88

SERVICE ENGINE SAFELY

Before working on any part of engine, STOP engine, and let it cool down. Hot engine components can burn skin on contact.

Never run engine unless park brake is engaged.

Prevent clothing, jewelry, or long hair from getting caught in fan blades, drive belts, or any other moving engine parts.



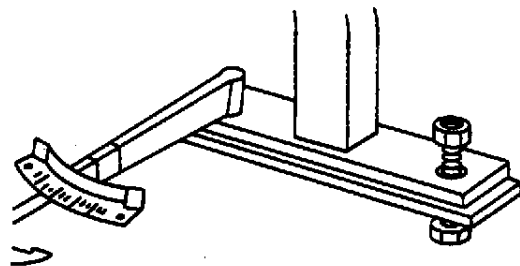
MX,SAY,D -19-25MAY90

M39683 -UN-09SEP88

KEEP ROPS INSTALLED PROPERLY

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

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



DX,ROPS3 -19-04JUN90

TS212 -UN-23AUG88

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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 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 (-) before making adjustments on electrical systems or welding on machine.



DX.SERV -19-04JUN90

TS218 -UN-23AUG88

AVOID HEATING NEAR PRESSURIZED FLUID LINES

Flammable spray can be generated by heating near pressurized fluid lines, resulting in severe burns to yourself and bystanders. Do not heat by welding, soldering, or using a torch near pressurized fluid lines or other flammable materials.

Pressurized lines can be accidentally cut when heat goes beyond the immediate flame area. Install fire resisting guards to protect hoses or other materials.



DX.TORCH -19-04JUN90

TS953 -UN-15MAY90

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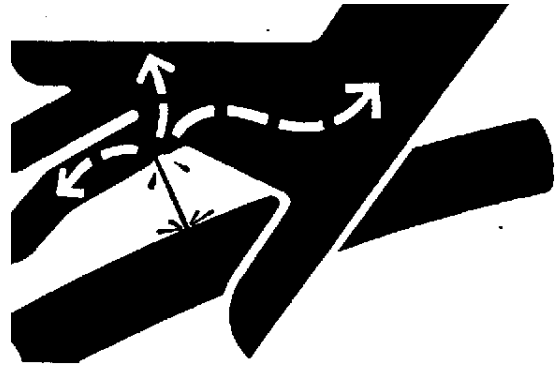
AVOID HIGH-PRESSURE FLUIDS

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 may call the Deere & Company Medical Department in Moline, Illinois, or other knowledgeable medical source.



X9811 -UN-23AUG88

DX,FLUID,NA -19-11JUN90

SERVICE COOLING SYSTEM SAFELY

Explosive release of fluids from pressurized cooling system can cause serious burns.

Shut off engine. Only remove filler cap when cool enough to touch with bare hands. Slowly loosen cap to first stop to relieve pressure before removing completely.



TS281 -UN-23AUG88

DX,RCAP -19-04JUN90

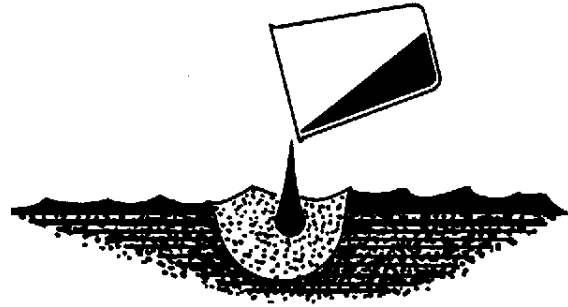
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DISPOSE OF FLUIDS PROPERLY

Improperly disposing of fluids can harm the environment and ecology. Before draining any fluids, find out the proper way to dispose of waste from your local environmental agency.

Use proper containers when draining fluids. Do not use food or beverage containers that may mislead someone into drinking from them.

DO NOT pour oil into the ground, down a drain, or into a stream, pond, or lake. Observe relevant environmental protection regulations when disposing of oil, fuel, coolant, brake fluid, filters, batteries, and other harmful waste.



DX,DRAIN -19-05JUN90

TS222 -UN-23AUG68

SAFETY SIGNS

CAUTION

HELP AVOID INJURY

- Avoid turns, rough terrain, and slopes that may cause tipover
- Roll-over protective structure (ROPS) should be installed unless prohibited by low clearance operation
- Use seat belt unless tractor is operated without ROPS
- Use recommended ballast
- Stay clear of power driven parts
- Keep children and others away
- Look behind before backing
- Never carry riders
- Know all controls
- Before leaving seat:
 - Lower attachment/implement
 - Lock park brake
 - Stop engine and remove key
- Read operator's manual for training

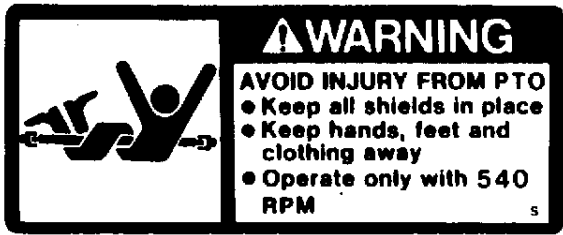
A schematic diagram of a tractor operator's seat area. It shows the seat, steering wheel, and various control levers and buttons. The diagram is labeled with numbers 1 through 10, corresponding to the safety instructions listed above. The seat is shown from a top-down perspective, and the controls are arranged around it.



M71027 -19-02JUL90

M71036 -UN-28JUN90

MX,SAY,E -19-17JUL90

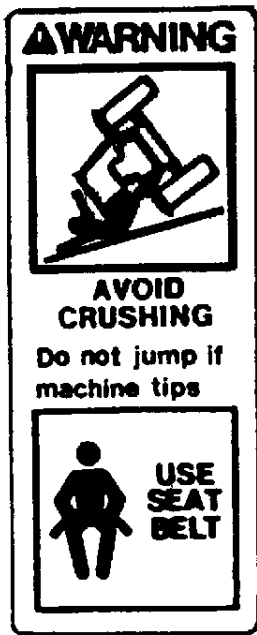


M71026 -19-02JUL90



M39587 -19-28FEB89

MX,SAY,E1 -19-17JUL90



M71028 -19-02JUL90



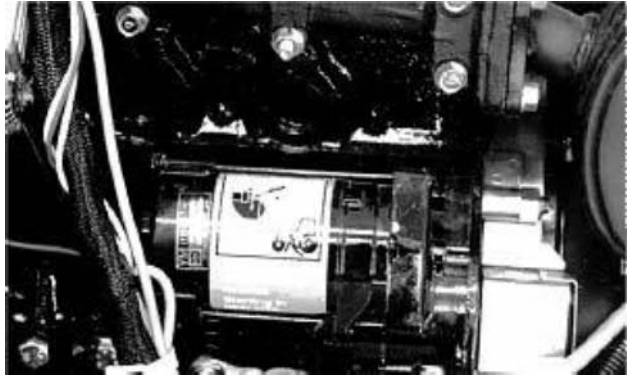
M71041 -UN-02JUL90

MX,SAY,E2 -19-17JUL90

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M71038 -19-02JUL90



MX,SAY,E3 -19-17JUL90



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Controls

HYDRAULIC AND TWO-SPEED AXLE CONTROL LEVERS

- A—Rockshaft Control Lever
- B—Selective Control Valve Lever*
- C—Two-Speed Axle Control Lever



*Optional Equipment

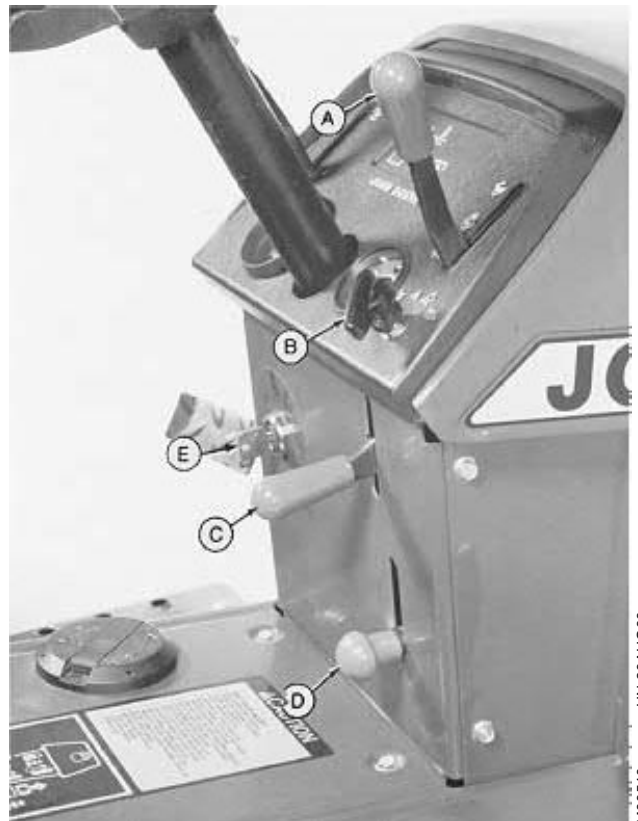
755 Tractor

MX,CTY,A -19-17JUL90

M39542 -UN-29AUG88

CONSOLE CONTROL LEVERS AND SWITCHES

- A—Throttle Lever
- B—Light Switch
- C—Cruise Control Lever
- D—Park Brake Lever
- E—Key Switch



MX,CTY,B -19-25MAY90

M39543 -UN-29AUG88

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