

GATOR™ 4x2 and 6x4 Utility Vehicle North American



JOHN DEERE

OPERATORS MANUAL

**GATOR™ 4x2 and 6x4 Utility Vehicle
North American**

OMM128780 Issue G6 English

John Deere Welland Works

OMM128780 Issue G6

(This manual replaces OMM126591 A6)

**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 vehicle correctly. Failure to do so could result in personal injury or equipment damage. This manual and safety signs on your machine may also be available in other languages. (See your John Deere dealer to order).

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

MEASUREMENTS in this manual are given in both metric and customary U.S. unit equivalents. Use only correct replacement parts and fasteners. Metric and inch fasteners may require a specific metric or inch wrench.

RIGHT-HAND AND LEFT-HAND sides are determined by facing in the direction of the machine or implement will travel when going forward.

WRITE PRODUCT IDENTIFICATION NUMBERS (P.I.N.) in the Specification or Identification Numbers section. Accurately record all the numbers to help in tracing the vehicle should it be stolen. Your dealer also needs these numbers when you order parts. File the identification numbers in a secure place off the vehicle.

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. All warranties are covered in the WARRANTY Section 130 in this manual.

CALIFORNIA PROPOSITION 65 WARNING

The Engine Exhaust from this product contains chemicals known to the State of California to cause cancer, birth defects or other reproductive harm.



W01094
-UN-19APR93

Checklists

OWNER REGISTER

See your shipping invoice for Serial Numbers, also record numbers in Specification Section.

Name _____ Date Sold _____
Address _____ Utility Vehicle: _____
City _____ Product Identification Number _____
State/Prov _____ Engine Serial Number _____
Mail Code _____ Transaxle Serial Number _____

WX,GATOR,A -19-18FEB93

AFTER-SALE CHECKLIST

It is suggested that the following items be checked sometime during the first six months operation of the vehicle.

- ☐ Check the entire vehicle for loose or missing hardware.
- ☐ Check for broken or damaged parts. Make necessary repairs.
- ☐ Check for fluid leaks. Make necessary repairs.
- ☐ Check and adjust all operator controls; brakes, steering and throttle.
- ☐ Acquaint the customer with any special attachments that will help do a better job.

- ☐ Check with the customer as to the performance of the vehicle.
- ☐ If possible, run the vehicle to see if it is functioning properly.
- ☐ Review the entire operator's manual with the customer and stress the importance of proper and regular lubrication and safety precautions.

Date Visited: _____

Signature: _____

WX,GATOR,D -19-18FEB93

PREDELIVERY

Check off each item as it is found satisfactory or after proper adjustment is made.

- ☐ All safety guards and shields fastened in place.
- ☐ All decals in place and readable.
- ☐ Inflate tires to 34—41 kPa (5—6 psi).
- ☐ Lubricate. (See Service section).
- ☐ Check air cleaner. (See Service section.)
- ☐ Check engine and transaxle oil level.
- ☐ Check battery electrolyte level.
- ☐ Check battery charge.
- ☐ Add fuel. Start engine. Test drive.

- ☐ Check for creep at idle speed with park brake unlocked. (See Technical Manual)
- ☐ Check safety start system. (See Checkout Procedure.)
- ☐ Check steering.
- ☐ Check controls: throttle, brake, park brake.
- ☐ Check for fluid leaks: coolant, fuel or oil.
- ☐ Check vehicle for damage and touch up any scratches.
- ☐ Clean utility vehicle.
- ☐ Check brake adjustment, differential lock and drive chain slack.

Signature: _____

Date Set Up: _____

DELIVERY CHECKLIST

Review the Operator's Manual with the customer explaining the following:

- ☐ John Deere warranty
- ☐ Review safety information and safe operation
- ☐ How to use controls
- ☐ Review service section
- ☐ Operating the vehicle correctly
- ☐ Hauling the utility vehicle on a trailer or truck
- ☐ Correct fuel and lubricants
- ☐ Daily and periodic inspections, including the Operational Checkout Procedure

- ☐ Servicing the utility vehicle regularly and correctly
- ☐ Storing the utility vehicle correctly
- ☐ John Deere parts and service
- ☐ Record vehicle numbers in the Product Identification Number section
- ☐ Remove and file this page
- ☐ Give the customer the Operator's Manual and Videotape. Encourage the customer to read the manual and view the video before operating the vehicle

Date Delivered: _____

Signature: _____

WX,GATOR,C -19-18FEB93

CLEANING AND POLISHING PLASTIC HOOD AND FENDERS

IMPORTANT: To keep scratches on plastic parts to minimum, do not rub or brush off any parts with bare hands, use a soft cloth (i.e. cheesecloth) or a light flow of compressed air. For dirt, wash with steady stream of water only (no detergent), then blow off excess water with air.

1. Remove excess dust or dirt.
2. When surface is dry, spray on PLEDGE® and leave for 30 to 60 seconds.
3. Using a dry soft cloth (i.e. cheesecloth) wipe off to bring up lustre.

PLEDGE® is a Registered Trademark of S.C Johnson, Co.

WX,GATOR,AS,P -19-22SEP93

Checklists

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All information, illustrations and specifications in this 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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Previous Editions
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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 -19-03MAR93

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 -19-03MAR93

TS187 -19-30SEP88

FOLLOW SAFETY INSTRUCTIONS

View the videotape provided with the machine for safe operating practices and carefully read all safety messages in this manual and on machine safety signs.

Keep safety signs in good condition and replace any safety signs that are damaged or missing.

Keep your machine in proper working condition.



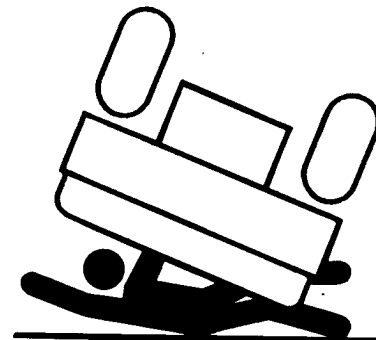
WX,626,4SY,A1 -19-27FEB91

W15211 -UN-18NOV89

DO NOT MODIFY MACHINE

Do not make any unauthorized modifications to the machine in any way.

Modifications can result in making the machine unstable, increasing the possibility of roll-over causing severe bodily injury or death.



WX,622,4SY,A2 -19-01DEC89

W15212 -UN-18NOV89

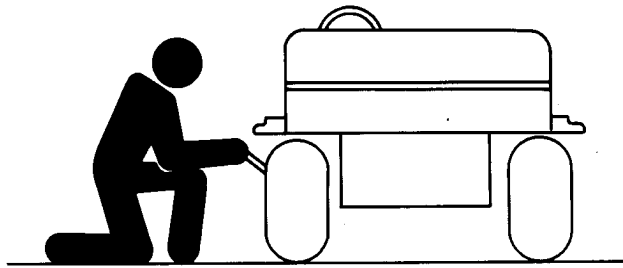


INSPECT UTILITY VEHICLE

Inspect mechanical condition of your utility vehicle before each use to minimize chance of injury or being stranded. Remember, you can ride farther in an hour than you can walk in a day.

Be sure to check condition of tires and wheels, wheel hardware torque, and maintain proper tire pressure.

Keep all shields in place.



WX,GATOR,SY,A1 -19-16APR93

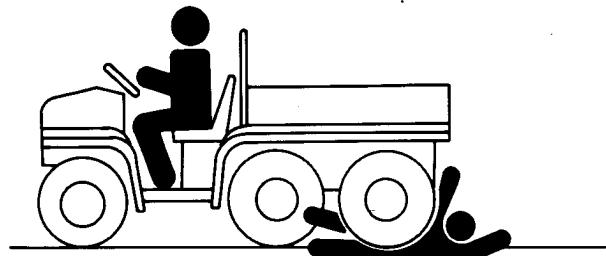
W00901 -UN-21JAN93

PROTECT CHILDREN

NEVER carry children in cargo area. DO NOT let children ride in cargo box of utility vehicle or any attachment.

Keep children and others away when you operate vehicle.

Before you back up or turn, look behind and around utility vehicle for children.



WX,GATOR,SY,B -19-18FEB93

W00900 -UN-21JAN93

W00910 -UN-21JAN93

ADULT OPERATORS ONLY

The utility vehicle is NOT a toy.

Young drivers may not have the strength or experience to control the utility vehicle. This increases their chances of roll-over resulting in severe bodily injury or death.

The utility vehicle should not be operated by anyone under the age of 16 years.



UNDER 16

WX,GATOR,SY,C -19-18FEB93

W00909 -UN-21JAN93



OPERATE UTILITY VEHICLE SAFELY

View the videotape provided with the vehicle for safe operating practices.

DO NOT misuse the GATOR™, it is a utility vehicle NOT a recreation vehicle.

To provide adequate braking ability and traction, DO NOT tow any attachment or loaded trailer unless utility vehicle cargo box is loaded.

Horseplay and recreational riding can lead to accidents, severe bodily injury or death.

Sit on the center of the seat and keep both feet within the foot platform perimeter.

Always use both hands for steering.

Use existing trails. Avoid terrain where you do not belong, such as dangerous slopes, impassable swamps and low hanging branches.

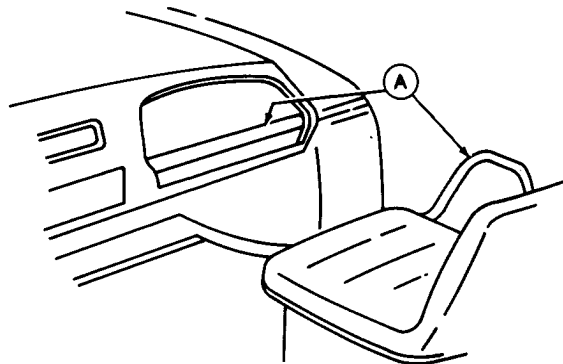
Before dismounting:

- Come to a complete stop
- Stop the engine
- Shift to neutral
- Set the parking brake
- Remove the key

WX,GATOR,SY,D -19-18FEB93

USE HAND HOLDS

Hand holds (A) are provided for passenger balance when driving over rough terrain. Use both dash bar and side rails on seats for stability.



WX,GATOR,SY,E -19-18FEB93

-UN-21JAN93

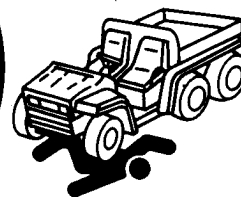
W00908

PREVENT VEHICLE RUNAWAY

Avoid possible injury or death from vehicle runaway.

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

NEVER start engine while standing on ground. Start engine only from operator's seat, with transaxle in neutral, with park brake engaged.



WX,GATOR,SY,F -19-18FEB93

-UN-21JAN93

W00902



INFLATE TIRES PROPERLY

Keep all tires inflated to 34—41 kPa (5—6 psi).

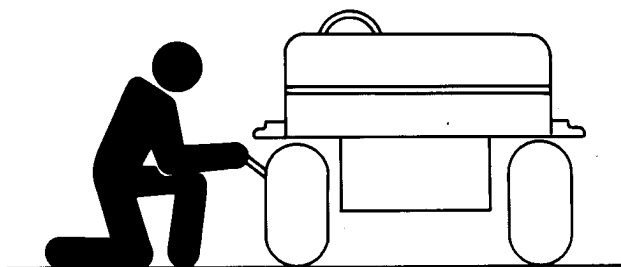
Heavy-Duty All Purpose tire inflation pressure can be as low as 27 kPa (4 psi) to provide a better ride.

Improper tire inflation can affect stability and control of vehicle.

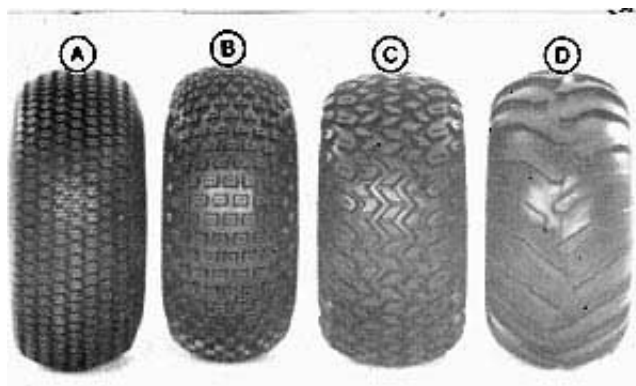
DO NOT mix sizes and/or tread types of tires. Use of John Deere approved original or optional equipment is recommended. Turf, Bar, Knobby and Heavy-Duty All Purpose tires are available.

Order replacement or optional tires from your John Deere dealer.

- A—Turf
- B—Knobby
- C—Heavy-Duty All Purpose
- D—Bar



W00901 -UN-21JAN93



W00962 -UN-22JAN93

WX,GATOR,SY,G -19-18FEB93



AVOID TIPPING

Accidents resulting in serious injury or death can occur from tipping the GATOR. Observe the following practices to help prevent tipover accidents:

Do not engage in horseplay. The GATOR is not designed for recreational riding.

Do not allow drivers younger than 16 years old, and never allow riders in cargo box.

Drive very slowly when turning. Sharp turns could cause the utility vehicle to roll over even at slower speeds or on flat ground.

Reduce speed and exercise extreme caution on slopes or on rough ground.

Do not overload vehicle and avoid shifting loads. Reduce load when operating over rough or hilly terrain.

Do not stop or start suddenly when going uphill or downhill. Be especially cautious when changing direction on slopes.

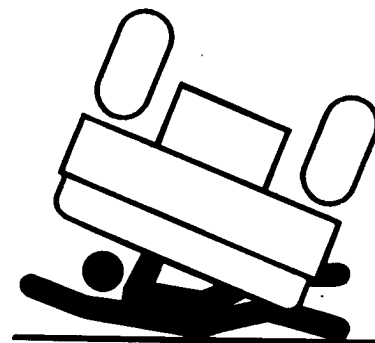
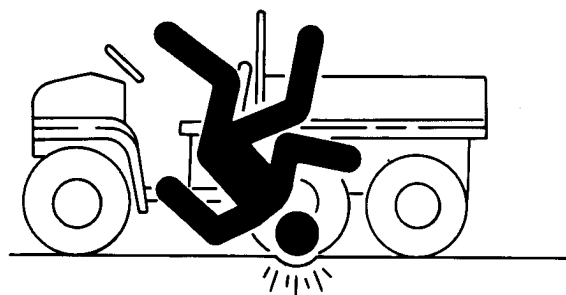
Stay alert for holes, rocks, and roots in the terrain, and other hidden hazards. Keep away from drop-offs.

Keep front wheels straight at crest of hill or going over bumps.

When descending a hill, remove foot from accelerator and apply brakes to reduce speed and maintain control.

Do not make changes or modifications to the GATOR.

Use of a helmet and/or protective gear is recommended for certain operating conditions.



-UN-21JAN93
W00903

-UN-18NOV89
W15212

WX,GATOR,SY,H -19-18FEB93



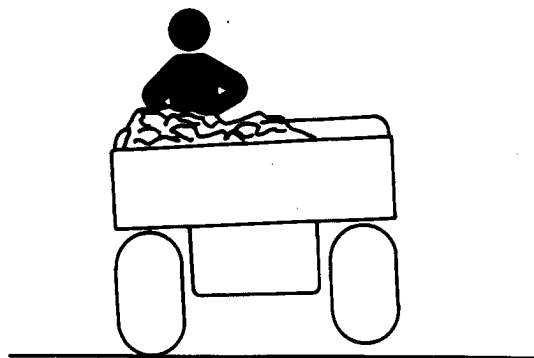
TRANSPORT LOADS SAFELY

Use care when towing loads:

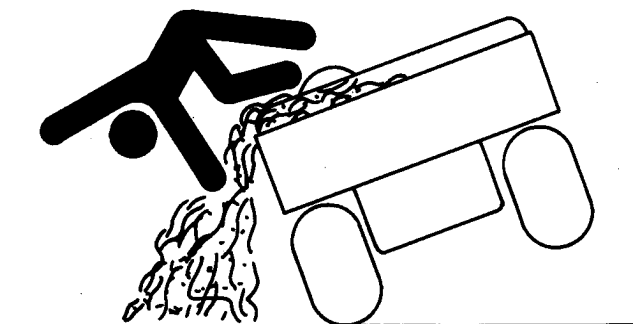
- Use only approved hitch point and hitches.
- Do not tow loads that exceed 544kg (1200 lb) with the 6X4 or 408kg (900 lb) with the 4X2. Tongue weight on hitch should not exceed 45kg (100 lb).

When carrying loads:

- Be sure load guard is properly installed.
 - Be sure load is evenly distributed.
 - Do not load above load guard.
- On level terrain, do not exceed maximum box payload capacity of 363 kg (800 lb) for 6X4 or 227 kg (500 lb.) for 4X2.
- Reduce box payload when operating on rough or hilly terrain.
- Securely anchor all loads.



W14664 -UN-12OCT88



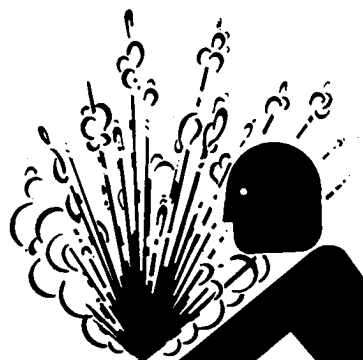
W14665 -UN-12OCT88

WX,GATOR,SY,IA -19-12DEC95

SERVICE COOLING SYSTEM SAFELY 6 X 4 ONLY

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

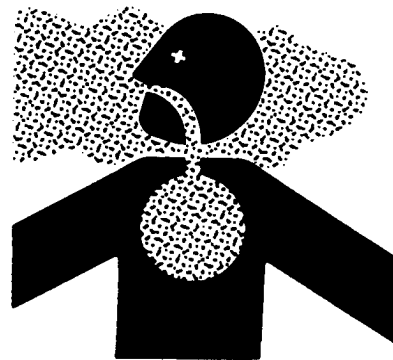
WX,GATOR,SY,P -19-18FEB93



WORK IN VENTILATED AREA

Engine exhaust fumes can cause sickness or death. If it is necessary to run an engine in an enclosed area, remove the exhaust fumes from the area with an exhaust pipe extension.

If you do not have an exhaust pipe extension, open the doors and get outside air into the area.



DX,AIR

-19-04JUN90

TS220
-UN-23AUG88

DISPOSE OF WASTE PROPERLY

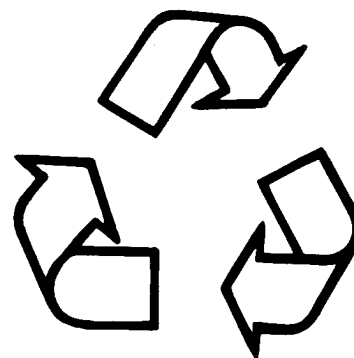
Improperly disposing of waste can threaten the environment and ecology. Potentially harmful waste used with John Deere equipment include such items as oil, fuel, coolant, brake fluid, filters, and batteries.

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

Do not pour waste onto the ground, down a drain, or into any water source.

Air conditioning refrigerants escaping into the air can damage the Earth's atmosphere. Government regulations may require a certified air conditioning service center to recover and recycle used air conditioning refrigerants.

Inquire on the proper way to recycle or dispose of waste from your local environmental or recycling center, or from your John Deere dealer.



DX,DRAIN

-19-03MAR93

TS1133
-UN-26NOV90



KEEP RIDERS OFF VEHICLE

Seating is provided for operator and one passenger. No riders are allowed in cargo box or anywhere else on vehicle.

Riders on vehicle are subject to injury such as being struck by foreign objects or being thrown off of the vehicle and severely injured or killed.

Riders affect the operators *ability to control the vehicle as well as its* center of gravity. Also, riders could obstruct the operator's view resulting in the vehicle being operated in an unsafe manner.



WX,GATOR,SY,J -19-18FEB93

-UN-21JAN93

W00910

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 -19-03MAR93

-UN-23AUG88

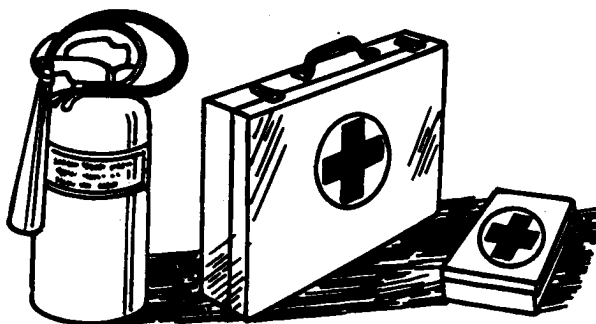
TS202

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 -19-03MAR93

-UN-23AUG88

TS291



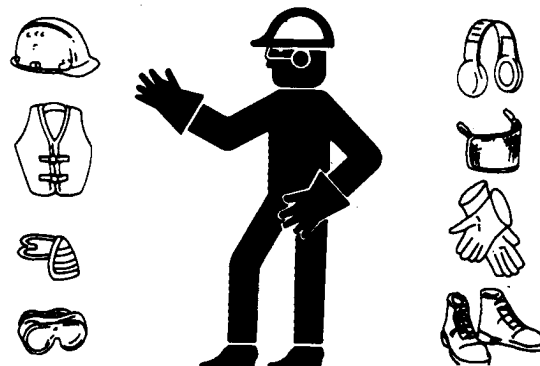
WEAR PROTECTIVE CLOTHING

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.

Operating equipment safely requires the full attention of the operator. Do not wear radio or music headphones while operating machine.



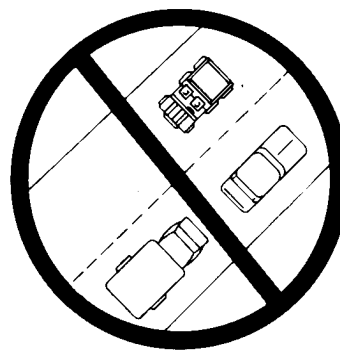
DX,WEAR -19-10SEP90

TS206 -UN-23AUG88

KEEP OFF PUBLIC ROADWAYS

This vehicle is NOT intended for use on highways or public roadways. It is to be used for off-road use only.

Do not operate utility vehicle on a public roadway or highway where GATOR may be a hazard to faster moving traffic.



WX,GATOR,SY,K -19-18FEB93

W00904 -UN-21JAN93



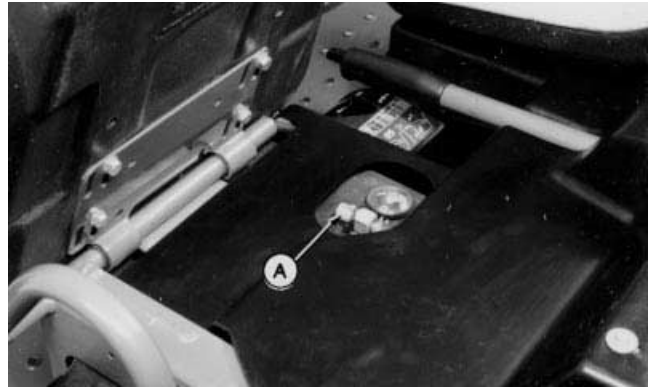
HAUL UTILITY VEHICLE SAFELY

To help prevent the possibility of fire from ignition of gasoline or vapour, turn fuel shut off valve "OFF" before transporting vehicle.

Turn fuel shut off valve (A) to "OFF" position (arrow down) during transport.

This will help prevent fuel from being drawn up into air filter and/or carburetor from air movement and motion from travel.

(continued)



WX,GATORB,SY,Q -19-12JUL96

-UN-23AUG88

TS227

-UN-11JUL96

W02625



Do not tow utility vehicle behind any other vehicle.

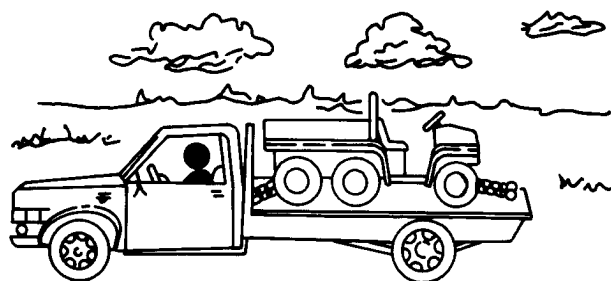
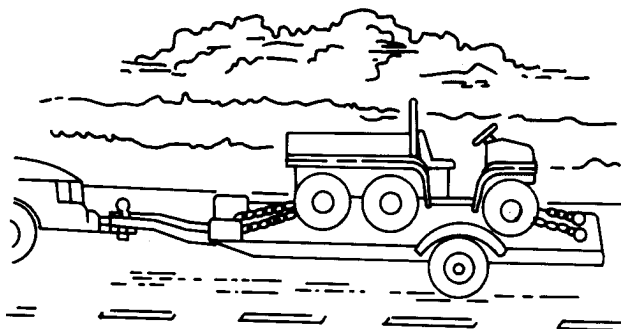
Use a heavy-duty trailer, full size pick-up or truck to haul your utility vehicle.

NOTE: Pick-up shown is a full-size Ford, space limitations may vary with other makes. Short bed trucks do not have the length requirement for vehicle.

Lock park brake.

Fasten utility vehicle securely to trailer or truck with straps, chains, or cables.

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



-UN-21 JAN93

W00905



-UN-22 JAN93

W01041

WX,GATOR,SY,L -19-18FEB93



PRACTICE SAFE MAINTENANCE

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

Before welding on vehicle, be sure fuel tank and battery are removed.

Never lubricate or service vehicle while it is moving. Keep hands, feet, and clothing from power-driven parts. Disengage all power and stop the engine. Remove the key. Allow vehicle to cool.

Securely support any vehicle 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.

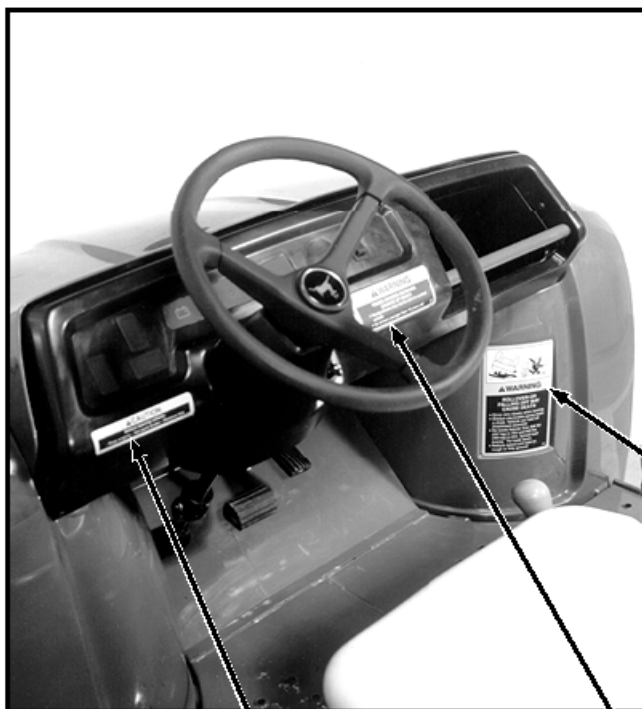


WX,GATOR,SY,M -19-18FEB93

TS218 -UN-23AUG88



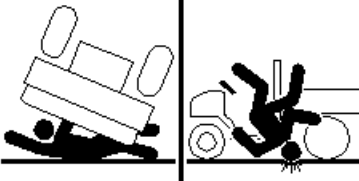
SAFETY SIGN LOCATION



⚠ CAUTION

Before leaving vehicle:
• Stop engine • Set park brake • Remove key

⚠ WARNING



ROLLOVER OR FALLING OFF MAY CAUSE DEATH

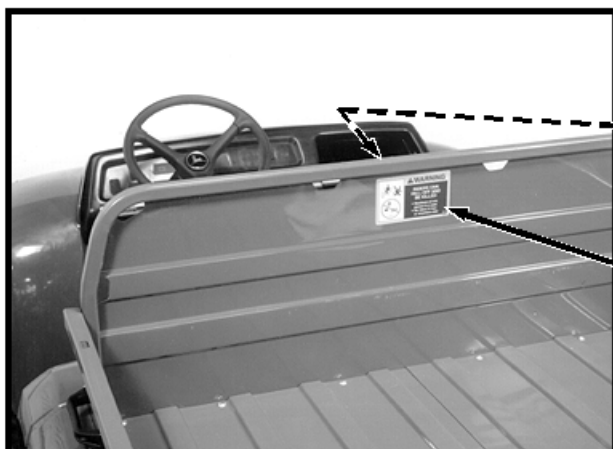
- Read operator's manual.
- Drive very slowly when turning.
- Always use brakes going down a slope. Vehicle can take-off (freewheel) downhill.
- No loads heavier than 500 lbs (227 kg) in 4x2, 800 lbs (363 kg) in 8x4 and 1000 lbs (454 kg) in 6x4 DIESEL. Spread load evenly. Tie loads down.
- Reduce speed and load on rough or hilly ground.

⚠ WARNING



YOUNG DRIVERS INCREASE CHANCE OF DEATH

- Young drivers may not be able to control vehicle.
- No drivers younger than 16 years old.

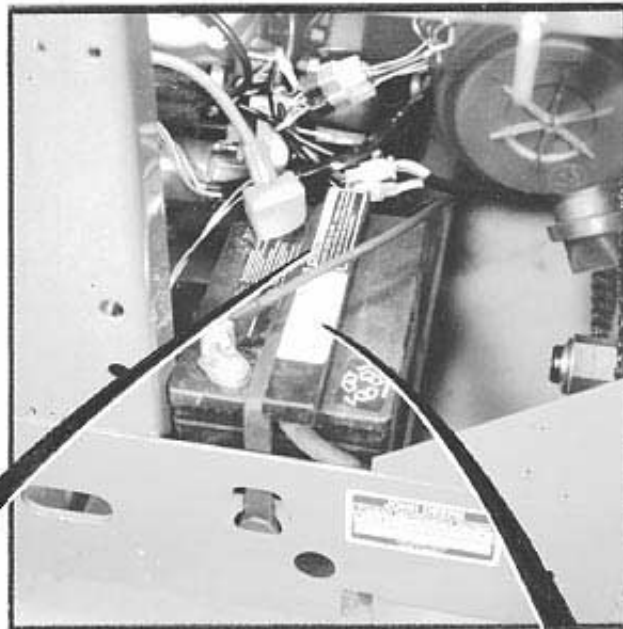


⚠ WARNING



RIDERS CAN FALL OFF AND BE KILLED

- Maximum of one person to a seat.
- No riders in box or anywhere else.



6X4

POISON

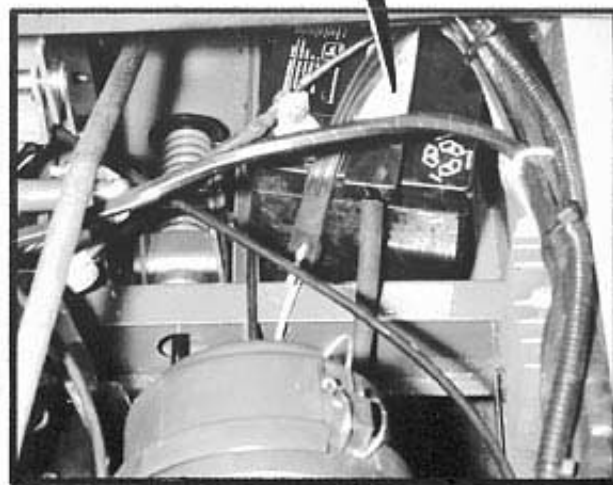
CAUSES SEVERE BURNS Contains sulfuric acid. Avoid contact with skin, eyes or clothing. In event of accident, flush with water and call a physician immediately. Keep out of reach of children.

! DANGER

EXPLOSIVE GASES Cigarettes, flames or sparks could cause battery to explode. Always shield eyes and face from battery. Do not charge or use booster cables or adjust post connections without proper instruction and training. Keep vent caps tight and level.



4X2



4X2

W00912 -19-25JAN93

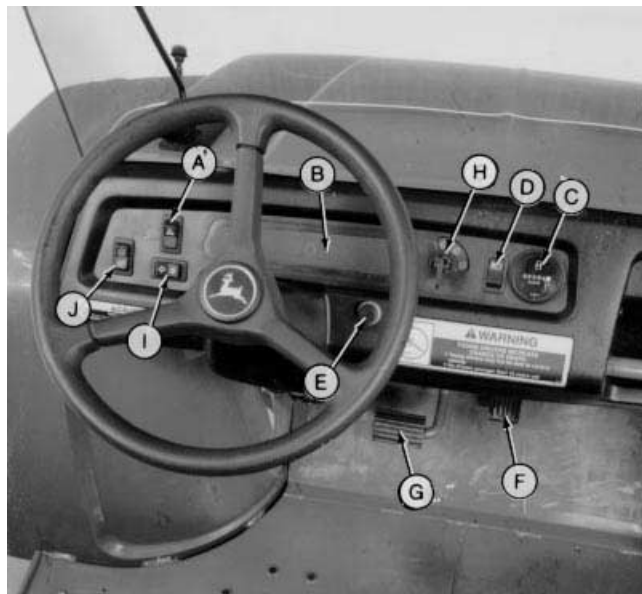
WX,GATOR,SY,O -19-18FEB93

Controls

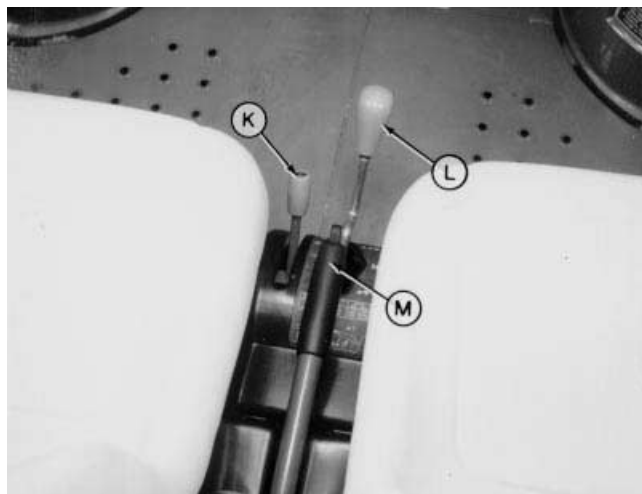
OPERATOR CONTROLS

See "Attachments" section for placement of controls for options available from your John Deere dealer. Instructions will be included with kits.

- A—Warning Light Switch "4-Way" (Optional)
- B—Function Indicator Panel (See next page)
- C—Hourmeter (Optional)
- D—Headlight Switch
- E—Horn (Optional)
- F—Accelerator
- G—Brake Pedal
- H—Key Switch
- I—Turn Signal Switch and Indicator (Optional)
- J—Cargo Box Dump Switch (Optional)
- K—Differential Lock Lever
- L—Transaxle Shift Lever
- M—Parking Brake Lever
- N—Choke



W02602 -UN-11JUL96



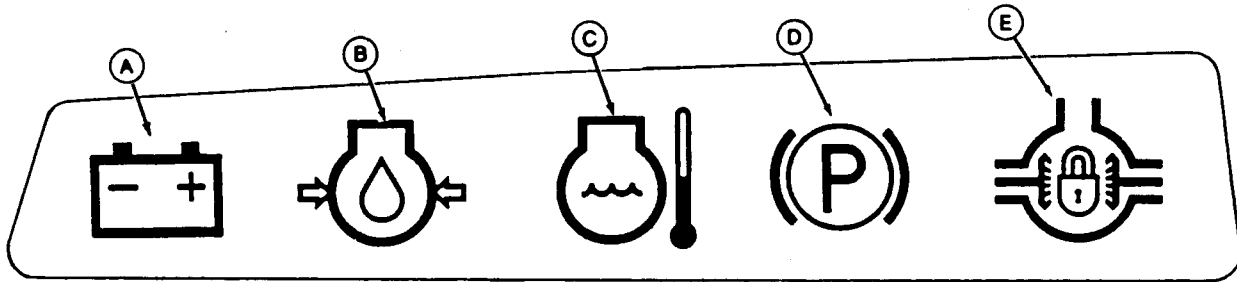
W02618 -UN-11JUL96



W00915 -UN-21JAN93

WX,GATORB,CL,A -19-12JUL96

INDICATOR PANEL 6 X 4



A—Battery
B—Oil Pressure

C—Coolant Temperature

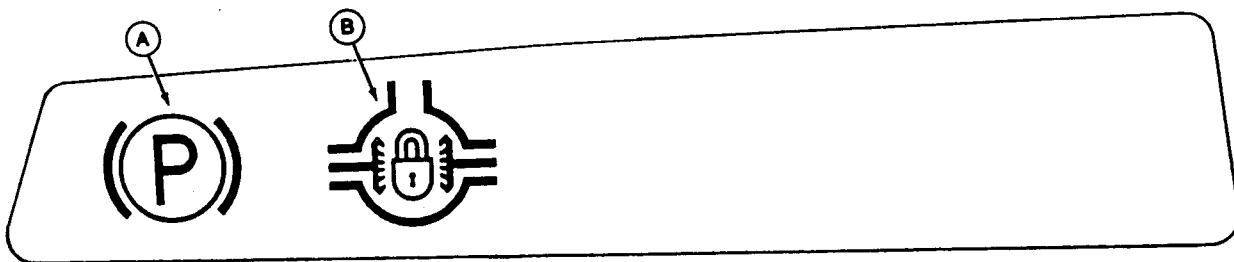
D—Parking Brake

E—Differential Lock

WX,GATOR,CL,B -19-18FEB93

W01076 -UN-17FEB93

INDICATOR PANEL 4 X 2



A—Parking Brake

B—Differential Lock

WX,GATOR,CL,C -19-18FEB93

W01086 -UN-17FEB93

FUEL SHUT OFF VALVE

Turn knob (A) to shut "OFF" or turn "ON" fuel flow.

Arrow on knob should be up for fuel flow to be "ON".



WX,GATORB,CL,D -19-12JUL96

W02625 -UN-11JUL96

Prestarting Checks

BEFORE DRIVING

CAUTION: Help prevent severe bodily injury or death to yourself and others due to roll-over caused by loss of control and/or stability.

This vehicle is **NOT** intended for use on highways or public roadways. It is to be used for off-road use only.

Be sure the videotape on safe operation of vehicle is viewed by anyone operating the vehicle for the first time.

Keep children and others away when you operate the vehicle. Only persons older than 16 years of age should be allowed to operate the utility vehicle. Never carry children in the cargo area. **DO NOT** let children ride on the utility vehicle or any attachment.

Seating is provided for operator and one passenger. No riders are allowed in the cargo box or anywhere else on the vehicle.

1. Clean foot platform if dirty, and remove any debris from around foot controls. Sit on the center of seat and keep both feet inside foot platform perimeter.

2. Know location of controls and how and what they operate.

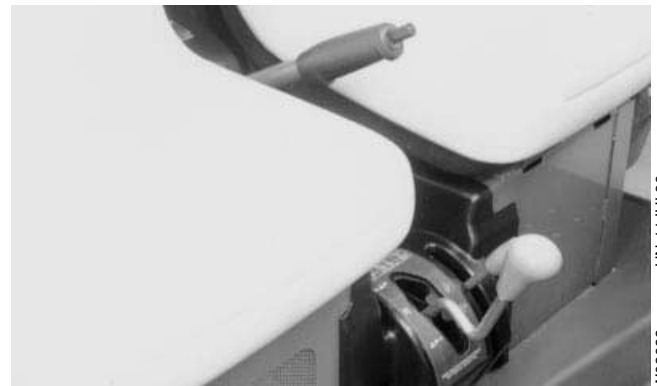
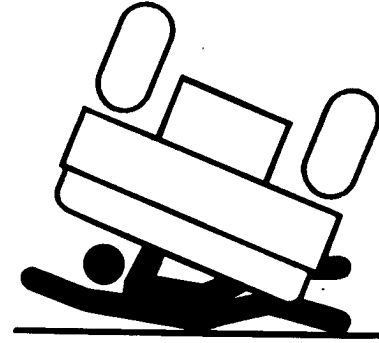
3. Inspect utility vehicle for signs of wear or damage.

4. All safety equipment must be in good condition and fastened in place:

- Load guard
- Lights
- Shields
- Safety start devices

5. Before moving, check around utility vehicle, be sure no one is near it.

6. Securely anchor all loads.



-UN-18NOV89

W15212

-UN-29AUG88

M35176

-UN-11JUL96

W02623

-UN-21JAN93

W00943

WX,GATORB,BD,A -19-12JUL96

Operating and Driving the Utility Vehicle

NO DRIVING ON PUBLIC ROADWAYS

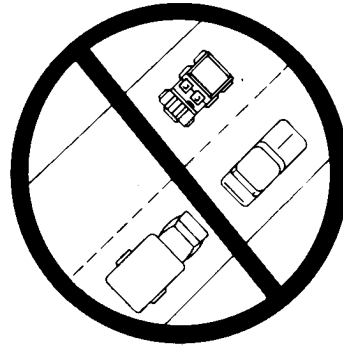
CAUTION: This vehicle is **NOT** intended for use on highways or public roadways. It is to be used for off-road use only.

Do not operate utility vehicle on a public roadway or highway where GATOR may be a hazard to faster moving traffic.

Before you drive utility vehicle, be sure:

Reflective tape is clean.

Headlight lenses are clean. Lights must work.



WX,GATOR,DT,A -19-18FEB93

W00904 -UN-21JAN93

W00916 -UN-21JAN93

ADULT DRIVERS ONLY

CAUTION: Help prevent severe bodily injury or death, **DO NOT** allow persons under the age of 16 years to operate the utility vehicle.

The utility vehicle is **NOT** a toy.

Operators must be 16 years of age or older.

Young drivers may not have the strength or experience to control the utility vehicle. This increases their chances of accidents resulting in severe bodily injury or death.



UNDER 16

WX,GATOR,DT,B -19-18FEB93

W00909 -UN-21JAN93

USING CORRECT TIRES AND INFLATION



CAUTION: Help prevent severe bodily injury or death, failure to observe the following recommendations may result in loss of stability and operator control.

Improper tire inflation can affect stability and control of vehicle.

DO NOT mix sizes or types of tires. Use of John Deere approved original equipment or optional equipment is recommended. Turf, Bar, Knobby and Heavy-Duty All Purpose tires are available.

Order replacement or optional tires from your John Deere dealer.

Replacement Bar Type tires must be ordered from tire manufacturer.

IMPORTANT: Use a low air pressure gauge to check tires. Standard automotive tire gauges are not accurate under 68 kPa (10 psi).

Over inflation may damage tires. Under inflation could cause wheel damage when riding over rough terrain.

Keep all tires inflated to 34—41 kPa (5—6 psi).

Heavy-Duty All Purpose tire inflation pressure can be as low as 27 kPa (4 psi) to provide a better ride.

An accurate low pressure gauge is available, see your John Deere dealer.

Measure circumference of tires and install the tires with the largest circumference in the most rearward position on each side.



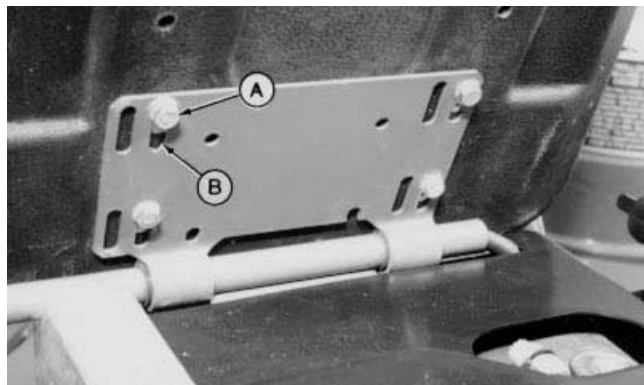
FW12233 -UN-21NOV88

WX,DGATOR,DT,D1-19-15NOV95

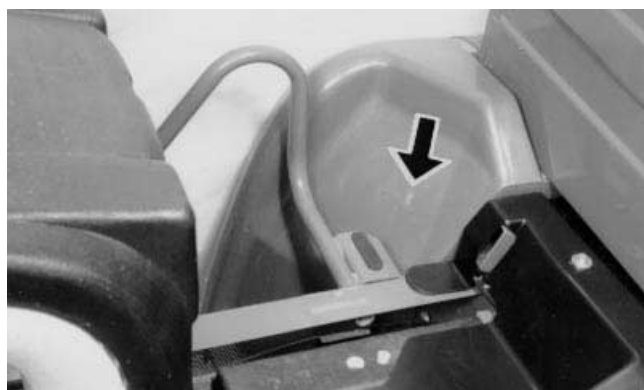
ADJUST SEAT

NOTE: Slots (B) allow the moving of seats forward or rearward to provide operator comfort. The passenger seat on the "6X4 only" however, if moved to the most rearward position will contact fender (indicated by arrow) or contact windshield (if equipped) if seat is rotated forward.

1. Loosen four cap screws (A).
2. Move seat forward or rearward in slots (B) to position desired.
3. Tighten cap screws.



W02630 -UN-11JUL96



W02632 -UN-11JUL96

WX,GATORB,AS,Q -19-12JUL96

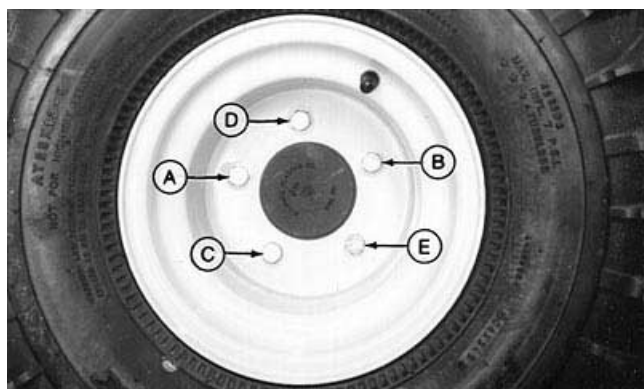
TIGHTEN WHEEL HARDWARE

Check wheel hardware: —after first 10 hours operation
—after every 200 hours operation

IMPORTANT: Overtightening of front wheel bolt may result in bearing damage.

Tighten front wheel bolts to 90 N·m (65 lb-ft).

Tighten bolts on drive wheels to 100 N·m (75 lb-ft).



W02296 -UN-13NOV95

WX,DGATOR,DT,AF-19-15NOV95

USE CORECT CARBURETOR JETS

Standard jets in carburetor are functional for altitudes up to 1076 m (3500 feet). For altitudes in excess of this see your John Deere dealer for information on correct carburetor jetting.

WX,GATOR,DT,AG -19-16SEP93

KEEP RIDERS OFF VEHICLE

CAUTION: Help prevent severe injury or death to yourself and others, **DO NOT** allow riders in cargo box or anywhere else on vehicle.

Seating is provided for operator and one passenger. No riders are allowed in cargo box or anywhere else on vehicle.

Riders on vehicle are subject to injury such as being struck by foreign objects or being thrown off of the vehicle and severely injured or killed.

Riders affect the operators *ability to control the vehicle as well as its* center of gravity. Also, riders could obstruct the operator's view resulting in the vehicle being operated in an unsafe manner.



-UN-21JAN93

W00910

WX,GATOR,DT,C -19-18FEB93

USING HEADLIGHT SWITCH

NOTE: Using headlights for extended periods of time without engine running will discharge the battery.

Turn key switch (A) to "RUN" position.

Push in on "TOP" of rocker switch (B) to turn light on.

To turn lights off push in on "BOTTOM" of rocker switch.



-UN-11JUL96

W02611

WX,GATORB,DT,J -19-12JUL96

OPERATING BRAKE PEDAL

CAUTION: To help prevent bodily injury due to loss of control, load shifting and/or tipping, use caution when hauling loads at high speeds. Reduce speed before braking.

Release throttle and apply brake evenly and firmly to slow down or stop. Avoid hard braking applications.



WX,GATOR,DT,E -19-18FEB93

W00917 -UN-21JAN93

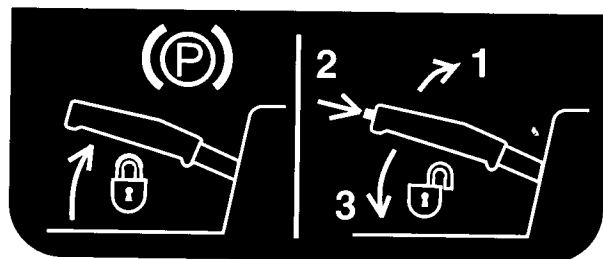
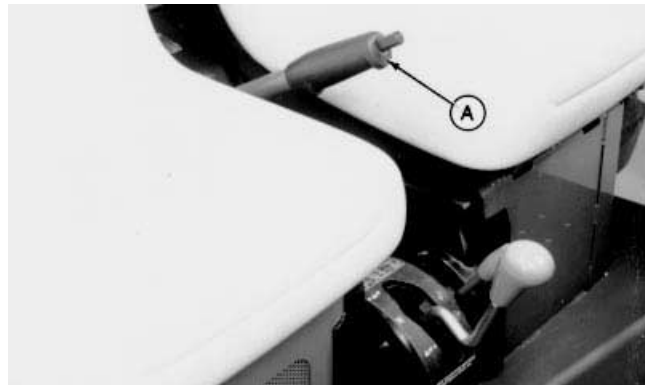
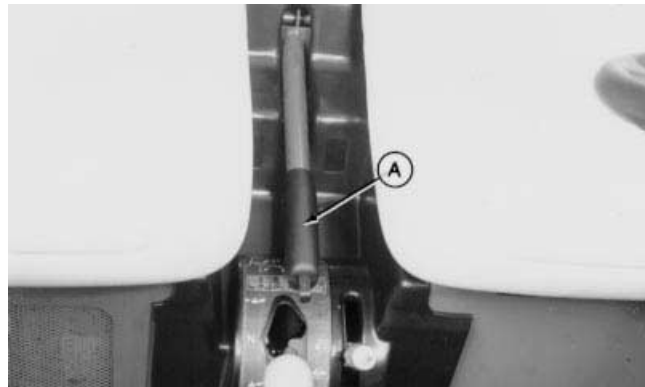
USING PARKING BRAKE

NOTE: Applying foot brake while engaging and disengaging parking brake decreases effort required to pull or push lever.

To engage brake, pull up lever (A) and latch into place.

To disengage brake:-

1. Pull up on lever.
2. Depress button.
3. Push lever down.



WX,GATORB,DT,F -19-12JUL96

W02627 -UN-11JUL96

USING DIFFERENTIAL LOCK

The differential lock is used to provide better traction when rear wheels start to slip. Engaging the differential lock will cause all rear wheels to turn equally.

CAUTION: Help prevent bodily injury due to loss of steering control. Do not operate utility vehicle at speeds in excess of 16 km/h (10 mph) or attempt to turn when differential lock is engaged.

IMPORTANT: Avoid transaxle damage, do not attempt to engage or disengage differential lock at high engine speeds. Lock pins will not engage therefore damaging transaxle and/or linkage.

Lever positions are, disengaged (B) and engaged (C).

To engage differential lock:

IMPORTANT: For differential lock to engage, the opposing wheel(s) must be turning slightly faster than opposite wheel(s).

- Stop or slow utility vehicle engine speed to 1/3 throttle or less.

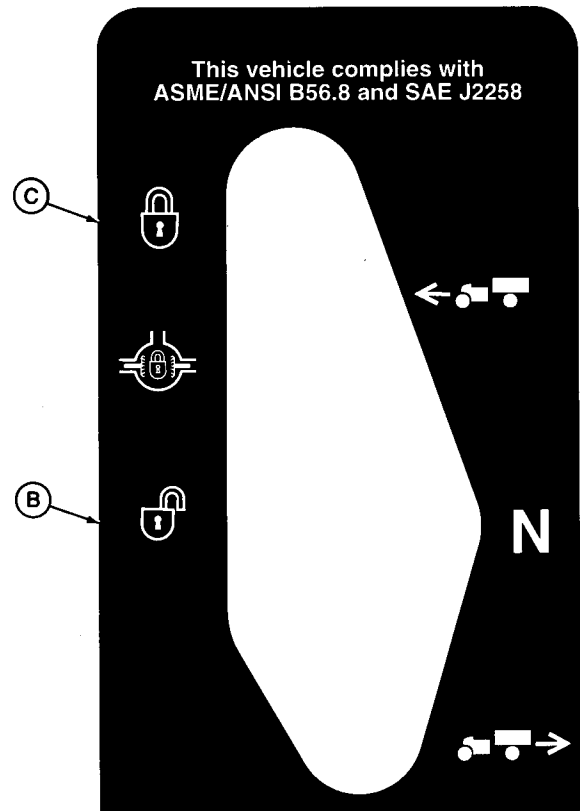
- Push down on lever (A), differential lock will remain engaged as long as lever is down. Function indicator panel light on dash will come "ON".

- To disengage differential lock, raise lever. Function indicator panel light on dash will go "OFF".

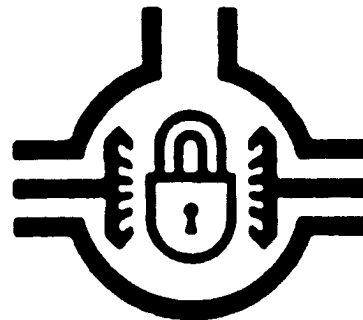
NOTE: Panel light only tells you when lever is "ON" or "OFF". To actually disengage the differential lock you must equalize torque on both axles. This means, go straight ahead at constant speed or stop and reverse machine. This information is described in the video tape supplied with machine.



W02616 -UN-11JUL96



W02631 -UN-11JUL96



W01078 -UN-17FEB93

USING GEAR SHIFT LEVER

IMPORTANT: Do not shift gears when utility vehicle is moving or with engine running above low idle speed, damage to transaxle will occur.

Avoid grinding of gears. Always engage shift lever with a firm positive action.

Avoid grinding gears;-

- Wait until engine speed returns to low idle speed before shifting
- Do not race engine then shift into gear
- Wait until the drive clutch disengages before shifting.
- Always come to a complete stop before shifting.

Shift lever (A) is located on console to right side of seat. There are three positions:

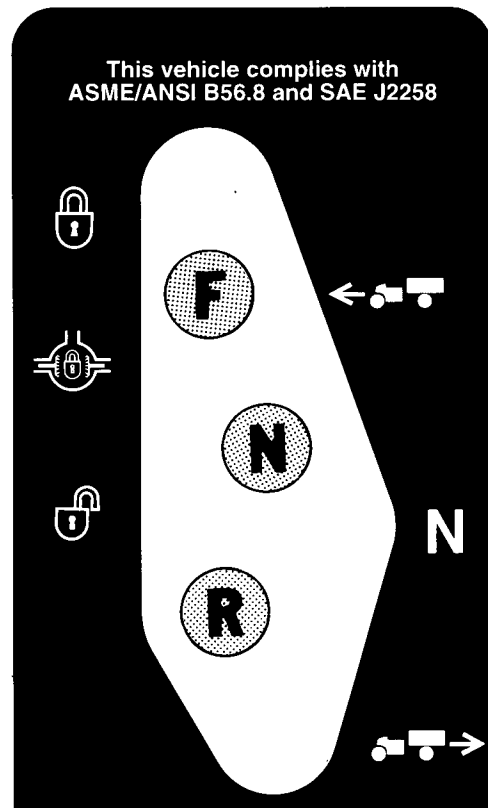
FORWARD: Push lever ahead.

NEUTRAL: Move lever to middle position.

REVERSE: Push lever to right then pull rearward.



W02621 -UN-11JUL96



W02629 -UN-11JUL96

WX,GATORB,DT,I -19-12JUL96

USING ACCELERATOR

CAUTION: Reduce speed when turning or when operating around obstacles, on rough ground, or on slopes.

Push down slowly and smoothly.

Before braking, remove foot from accelerator.



W00921 -UN-21JAN93

WX,GATOR,DT,H -19-18FEB93

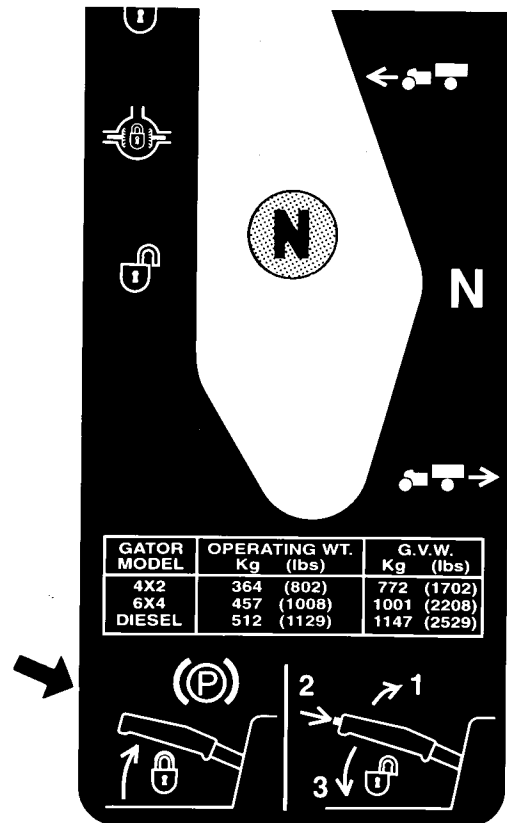
STARTING THE ENGINE

CAUTION: Exhaust fumes can cause sickness or death. Help prevent personal injury or death, if it is necessary to run the engine in an enclosed area, remove fumes with exhaust pipe extension or powered ventilation system designed for this purpose. If an extension is not used, open doors to provide ventilation.

1. Sit on operator's seat. DO NOT start engine at this time.
2. Push down on accelerator, be sure it operates freely.

NOTE: Your utility vehicle has a neutral start safety switch. Engine will not start unless transaxle shift lever is in N (neutral) position.

3. Move shift lever to N (neutral) and engage parking brake.



-UN-23AUG88

TS220

-UN-21JAN93

W00921

-UN-11JUL96

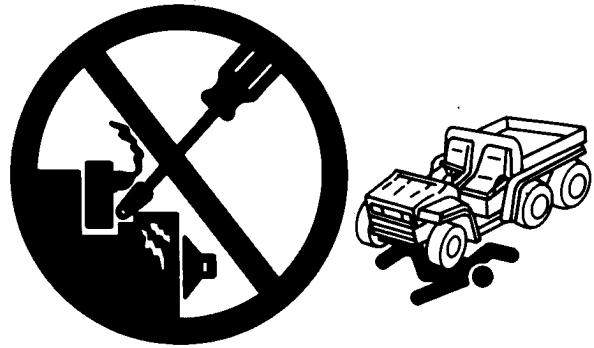
W02628

WX,GATORB,DT,K -19-12JUL96

CAUTION: Help prevent possible injury or death from vehicle runaway.

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

NEVER start engine while standing on ground. Start engine only from operator's seat, with transaxle in neutral and parking brake engaged.



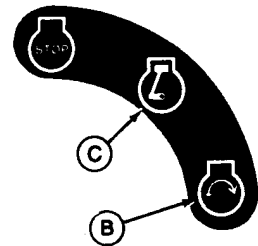
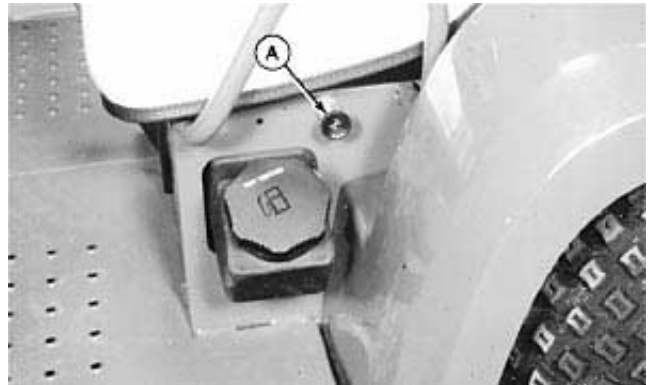
IMPORTANT: Do not operate starter more than 20 seconds at a time or you may damage it. IF engine does not start, wait 2 minutes before you try again. If engine will not start, see Machine Diagnosis.

4. If engine does not start within 10 seconds, pull out choke (A).

5. Turn key to START position (B).

6. After engine starts, release key to RUN position (C).

7. Push down accelerator to half-speed position and gradually push choke knob in.



CHECK CARBURETOR AIR INTAKE

Check to be sure air intake tube through frame is free from obstructions.

Location is under passenger seat and indicated by arrow.



WX,GATORB,DT,L -19-12JUL96

WX,GATORB,DT,AE-19-12JUL96

WARMING AND IDLING ENGINE

IMPORTANT: Do not operate engine at full throttle or under load until engine has warmed up, or engine damage could occur.

Warming engine;

—run engine at half speed for 2 or 3 minutes.

Idling engine:

1. Avoid unnecessary slow idling. Instead, stop engine.

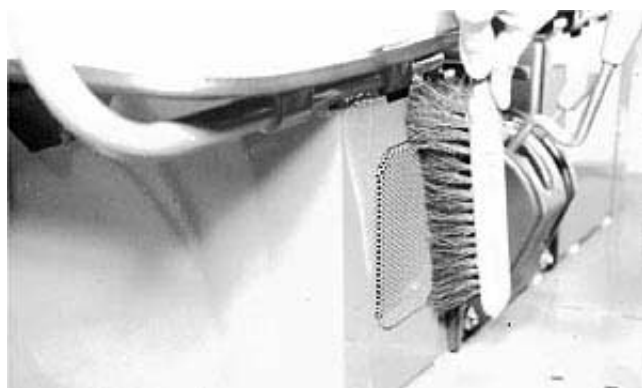
CAUTION: To help prevent injury due to entanglement in flywheel, stop engine before cleaning flywheel shield.

2. The engine in the 4X2 is air-cooled and the 6X4 is liquid-cooled, both need large volumes of air to keep cool. Keep engine compartment clean. Be sure fan or flywheel screens remain installed and clean.

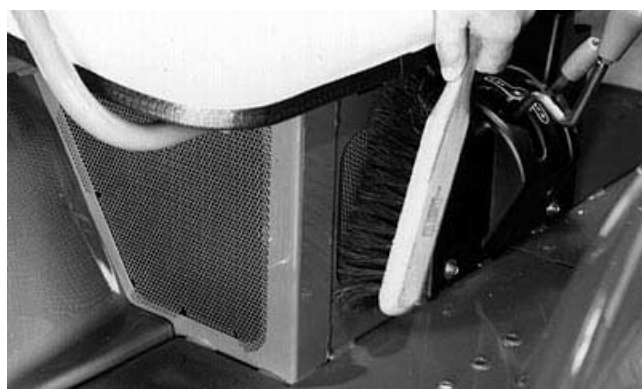
3. Cylinder and head fins should be free from dirt and chaff.



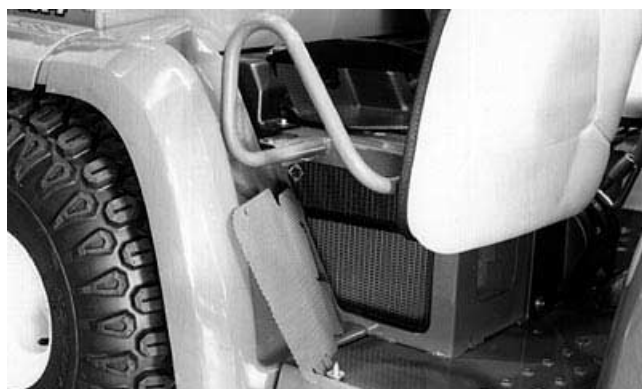
W01689 -UN-04OCT94



W00928 -UN-21JAN93



W02204 -UN-29OCT95



W02205 -UN-29OCT95

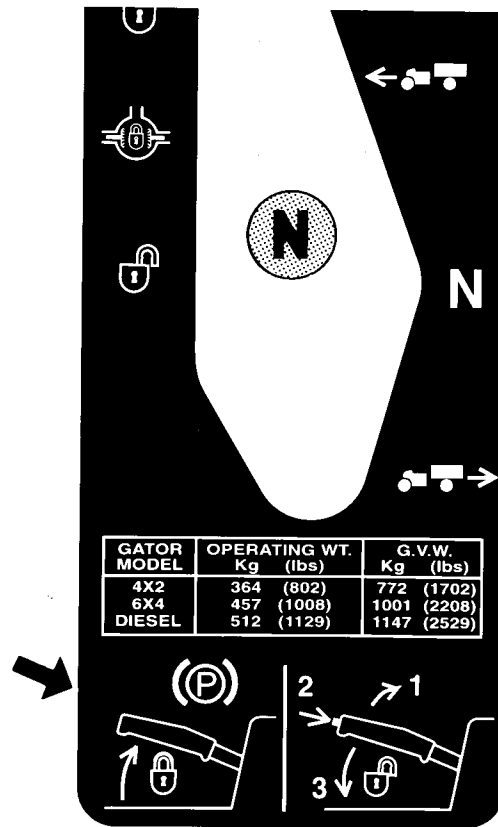
STOPPING ENGINE

IMPORTANT: If engine has been running hard and is hot, do not stop engine immediately. Remove load from engine. Run engine at 1/3 to 1/2 throttle for several minutes to cool engine.

1. Remove foot from accelerator to allow slow idle.
2. Move shift lever to neutral position.
3. Engage parking brake.

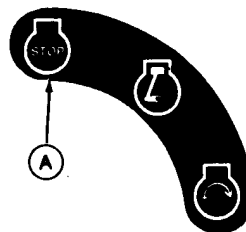


W00929 -UN-21JAN93



W02628 -UN-11JUL96

4. Turn key to OFF position (A).
5. Remove key.



W00930 -UN-21JAN93

W02608 -UN-11JUL96

OPERATING TIPS

DO NOT misuse the GATOR, it is a utility vehicle NOT a recreational vehicle.

Horseplay or recreational riding can lead to accidents, severe bodily injury or death.

Sit on center of seat and keep both feet within foot platform perimeter.

Never operate utility vehicle while standing.

Never operate utility vehicle with cargo box raised.

Operate controls smoothly.

Always use both hands for steering.

Avoid sudden starts, stops, or turns.

Be sure load is securely anchored and evenly distributed in cargo box.

Do not load cargo box above height of load guard.

Stay alert: LOOK, LISTEN.

Always use a level turn-around area.

Do not overload utility vehicle. Limit loads to those you can safely control.

On level terrain maximum box payload capacity of 363kg (800 lb) for 6X4 or 227kg (500 lb.) for 4X2.

Go slowly when climbing or descending a hill. Always go straight up or down a slope or hill. Be especially cautious when changing direction on slope.

Before leaving operators seat: —*Stop engine.*

—*Shift to neutral.*

—*Engage parking brake.*

—*Remove key.*

WX,GATOR,DT,P -19-18FEB93

AVOID OVERLOADING



CAUTION: To help prevent bodily injury from loads shifting forward, do not load above height of load guard.

Payload is more than just pounds carried, load density is more important for judging load. An example of load densities and volumes is listed using sand as a material.

NOTE: Because of the difference in weight between dry and wet sand, the only way of getting true weight of the load you are carrying is by using weigh scale.

For 4X2, “DRY” sand weighing 227 kg (500 lb) would be approximately 1/2 of cargo box volume.

For 6X4, “DRY” sand weighing 363 kg (800 lb) would be approximately 3/4 of cargo box volume.

For other materials such as those that are bagged, weight is normally printed on bag.

Load carrying capacity of machine of 4X2 for example is 227 kg (500 lb). Five bags of material weighing 45.5 kg (100 lb) would be a full load.

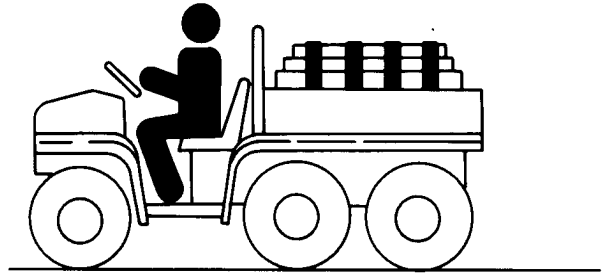
WX,GATOR,DT,Q -19-18FEB93

DISTRIBUTING A LOAD

CAUTION: Help prevent bodily injury from loss of control due to overloading or uneven loading. On level terrain maximum box payload capacity of 363kg (800 lb) for 6X4 or 227kg (500 lb.) for 4X2.

For proper stability and operator control, distribute weight in cargo box evenly. Avoid concentrated loads at rear or side of box to prevent vehicle from tipping over.

Do not load above height of load guard.



W00906 -UN-21JAN93

WX,GATOR,DT,R -19-18FEB93

CARRYING A LOAD

CAUTION: Help prevent bodily injury from loose or shiftable loads. Keep all shields in place. Be sure load guard is properly installed.

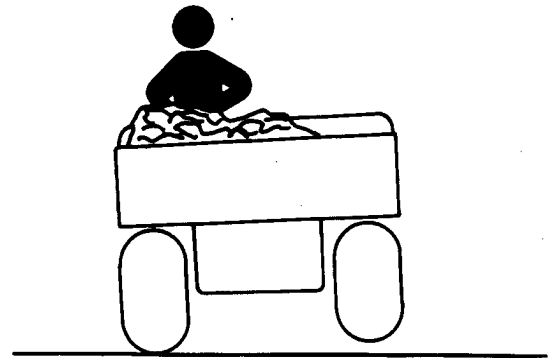
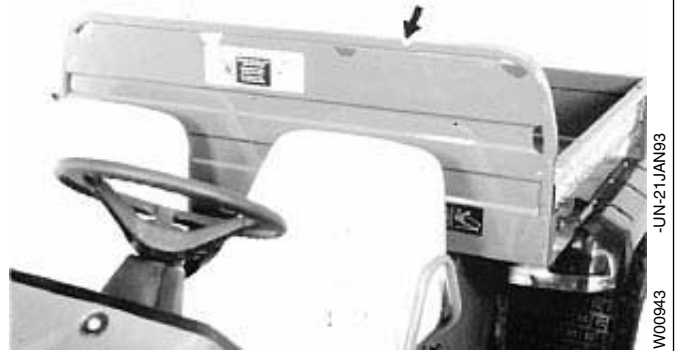
Reduce load when operating over rough or hilly terrain.

Use special care when carrying loads:

1. Limit loads to those you can safely control.
2. On level terrain maximum box payload capacity of 363kg (800 lb) for 6X4 or 227kg (500 lb.) for 4X2.
3. Do not carry loads above height of load guard.
4. Securely anchor all loads.

When loading objects into utility vehicle, be sure they are loaded evenly and secured from sliding around. Shifting loads will affect stability.

If operating on hilly or rough terrain, reduce load and ground speed.



WX,GATOR,DT,S -19-18FEB93

TOWING

CAUTION: To help prevent personal injury due to loss of control or tipping, always tow a load slowly enough to maintain control.

To provide adequate braking ability and traction do not tow a load unless utility vehicle cargo box is loaded.

Do not tow a load that exceeds 544kg (1200 lb) for 6X4 or 408kg (900 lb) for 4X2.

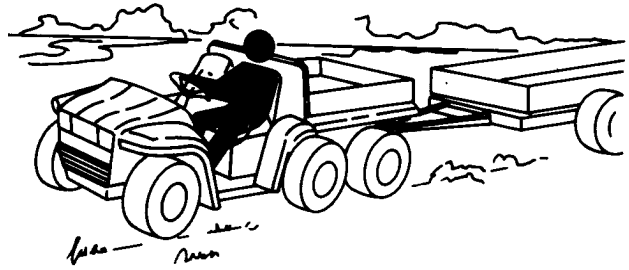
Do not exceed a tongue weight of 45kg (100 lb).

Never exceed 16 km/h (10 mph) when towing a load.

1. Be sure to load cargo box of utility vehicle before towing a load.

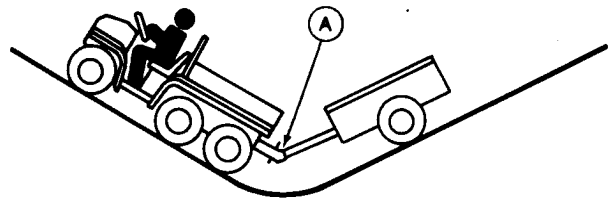
IMPORTANT: Extreme angles such as high railroad crossings can place high bending loads on hitch connection (A). If traversing terrain where these conditions exist, use of a ball or pintle type hitch is recommended.

2. Always use hitch point provided on, and hitches approved for the utility vehicle. They are the approved hitch point and hitches, DO NOT modify in any way.
3. Tow load at a speed slow enough to maintain control, DO NOT exceed 16 km/h (10 mph).



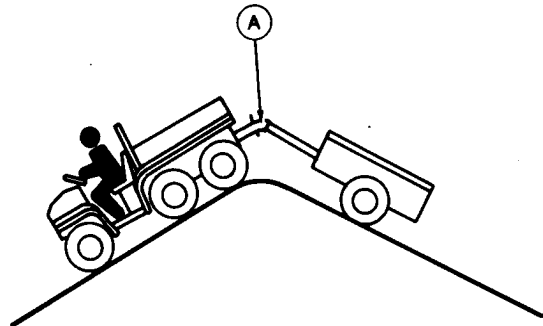
-UN-21JAN83

W00907



-UN-21JAN83

W00934



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W00935

WX,GATOR,DT,T1 -19-12DEC95

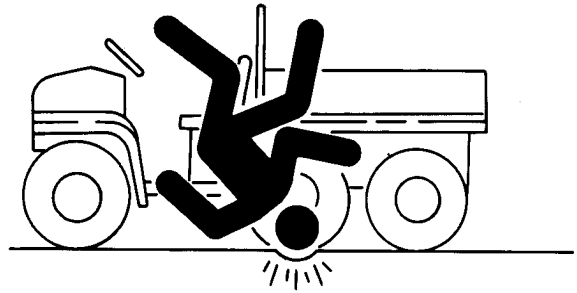
DRIVING ON ROUGH OR HILLY TERRAIN



CAUTION: Help prevent severe bodily injury or death due to loss of control. Reduce load when operating over rough or hilly terrain.

Reduce speed when turning or when operating around obstacles or on rough terrain.

Check the terrain you are riding on and know what your vehicle can do. Choose the places you drive.



W00903 -UN-21JAN83

1. Horseplay or recreational riding can lead to accidents, severe bodily injury or death.

2. Always use brakes when going down slopes, the utility vehicle can speed-up (freewheel) going down a slope. Due to belt drive, engine and/or clutch braking effect is minimal.

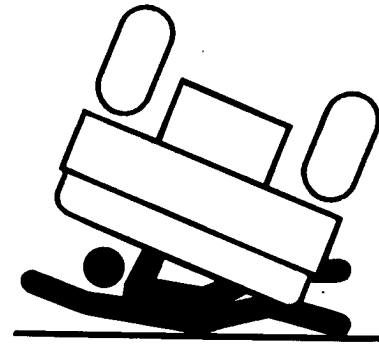
3. Use existing trails. Avoid terrain where you do not belong, such as dangerous slopes and impassable swamps. Watch carefully for sharp bumps, holes, ruts, or obstacles.

4. Look ahead at terrain. Know what is coming. Be prepared to react before you get there. Be alert for hazards.

5. Keep front wheels straight at crest of hill or going over bumps.

6. Adjust your speed to trail or terrain conditions and visibility.

7. Use of a helmet and or protective gear is recommended for certain operating conditions.



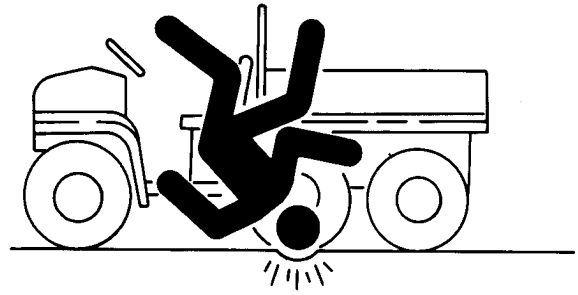
W15212 -UN-18NOV89

WX_GATOR,DT,U -19-18FEB93

CLIMBING OR DESCENDING A HILL

CAUTION: Help prevent severe bodily injury or death due to loss of control. Reduce load when operating over rough or hilly terrain. Due to belt drive there is no engine braking effect, utility vehicle will free wheel downhill.

Reduce speed when turning or when operating around obstacles or on rough ground.



1. Horseplay or recreational riding can lead to accidents, severe bodily injury or death.

2. Always use brakes when going down slopes, the utility vehicle can speed-up (freewheel) going down a slope. Due to belt drive, engine and/or clutch braking effect is minimal.

3. Sit on center of seat and keep both feet within foot platform perimeter.

4. Never drive past your limit of visibility. Slow down near crest of hill until you get a clear view of the other side.

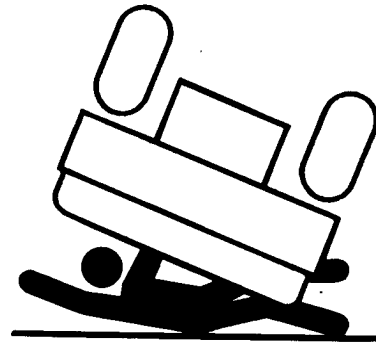
5. Keep front wheels straight at crest of hill or going over bumps.

6. Do not stop or start suddenly when going uphill or downhill. Be especially cautious when changing direction on slopes.

7. If vehicle stops or loses power going up hill, apply parking brake, to hold vehicle on slope. Maintain direction of travel and release brake slowly to back straight down hill slowly while maintaining control. DO NOT turn vehicle sideways. Vehicle is more stable in a straight forward or rearward position.

8. When descending a hill, remove foot from accelerator and apply brakes to reduce speed and maintain control.

9. Use of a helmet and/or protective gear is recommended for certain operating conditions.



-UN-21JAN93

W00903

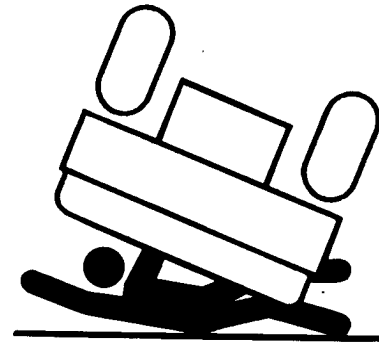
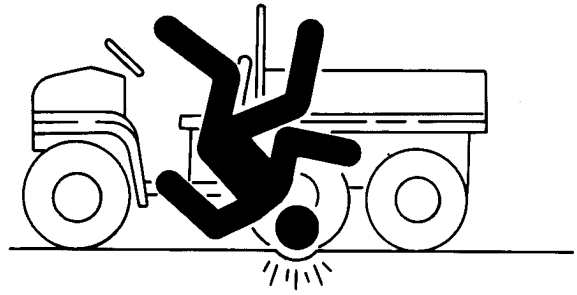
-UN-18NOV89

W15212

DRIVING ACROSS SLOPES

CAUTION: Help prevent severe bodily injury or death due to tipping or loss of control. Reduce speed and exercise extreme caution on slopes and in sharp turns. Be especially cautious when changing direction on slopes.

1. Horseplay or recreational riding can lead to accidents, severe bodily injury or death.
2. Sit on center of seat and keep both feet within foot platform perimeter.
3. Stay alert for holes, rocks, and roots in the terrain, and other hidden hazards. Keep away from drop-offs.
4. When riding on soft terrain, turn front wheel slightly uphill to keep utility vehicle on straight line across hill.
5. If utility vehicle begins to tip, turn front wheel downhill to gain control before proceeding.
6. Use of a helmet and/or protective gear is recommended for certain operating conditions.



WX,GATOR,DT,W -19-18FEB93

-UN-21JAN93

W00903

-UN-18NOV89

W15212

RIDING THROUGH WATER



CAUTION: Help prevent severe bodily injury or death due to loss of control of machine.

1. Avoid water whenever possible.
2. Sit on center of seat and keep both feet within foot platform perimeter.
3. Never ford any stream with deep water. Your tires may float, making it difficult to maintain control.
4. Choose a course through stream where both banks have gradual incline. Cross at a point you know is safe.
5. Proceed at slow steady speed to avoid submerged obstacles and slippery rocks.
6. Avoid water crossings where you may cause damage to stream beds or erosion to banks of stream.

WX,GATOR,DT,X -19-18FEB93

RAISING AND LOWERING CARGO BOX

CAUTION: Help prevent bodily injury from unintentional lowering of cargo box. Be sure vehicle is on a level stable surface and parking brake is engaged before raising cargo box.

If vehicle is facing uphill and box was raised, it could have a tendency to release support rod and box will fall forward due to it's own weight.

The cargo box can be very heavy, help prevent bodily injury such as back strain. A cargo box without Power Lift option is not meant to be raised by hand when loaded.

Manual Lift:

This should be done after box is emptied.

- Release latch by pushing inward and raise box manually.
- Support rod (A) will lock into latch slot (B).
- Be sure rod is locked before leaning into engine and transmission area.

To lower box:

- Raise box slightly using handle, release rod from latch slot (B) by pulling up on rod.
- Slowly lower box, support rod (A) will slide along slot.
- When box is fully lowered, rod will latch at front of box.

Power Lift (Optional):

NOTE: Support rod is not used with power lift option.

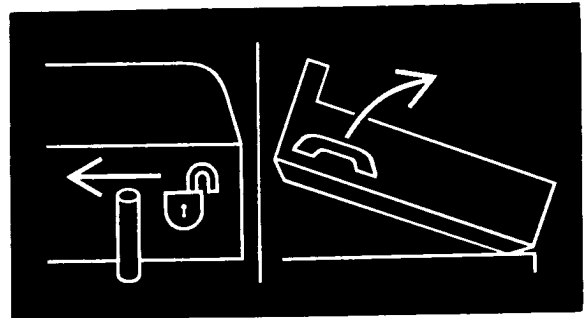
- Turn key to RUN position.
- Raise box by pushing on top of rocker switch.

NOTE: Ratcheting noise that is heard when power lift reaches the end of either retract or extend function, or when lift capacity is exceeded is **NORMAL**. Take care not to overload vehicle capacity.

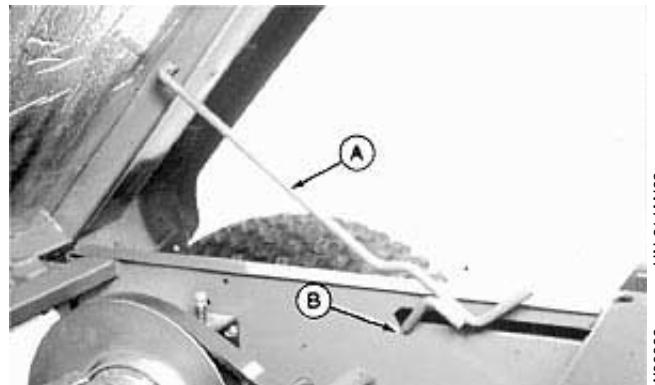
- Lower box by pushing on bottom of rocker switch.
- Turn key to OFF position.



W00975 -UN-21JAN93



W00933 -UN-21JAN93



W00932 -UN-21JAN93



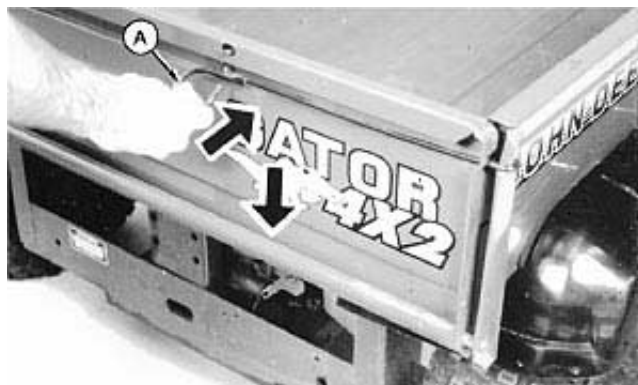
W01031 -UN-21JAN93



W02608 -UN-11JUL96

OPERATING THE TAILGATE

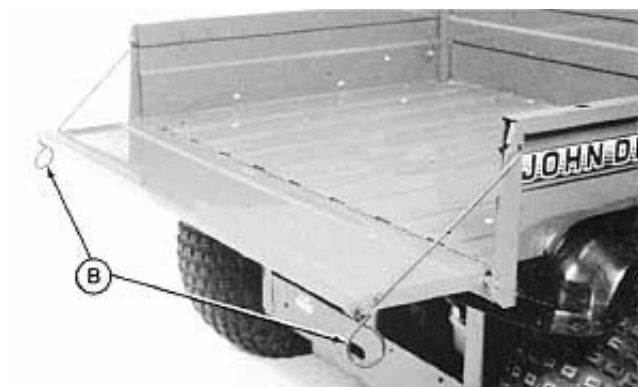
1. Push in and down on tailgate latch rods (A).
2. Pull latch rod out and down, and lower tailgate onto ends (B).



-UN-21JAN93
W00936



-UN-21JAN93
W00937



-UN-21JAN93
W00976

WX,GATOR,DT,Z -19-18FEB93

IMPORTANT: To avoid tailgate damage, never drive the utility vehicle with tailgate fully lowered. Lugs on tires will catch on tailgate causing structural damage.

3. DO NOT drive vehicle with latch rods disengaged and tailgate fully lowered.

4. Driving with tailgate fully lowered could cause tires to contact tailgate resulting in machine damage.

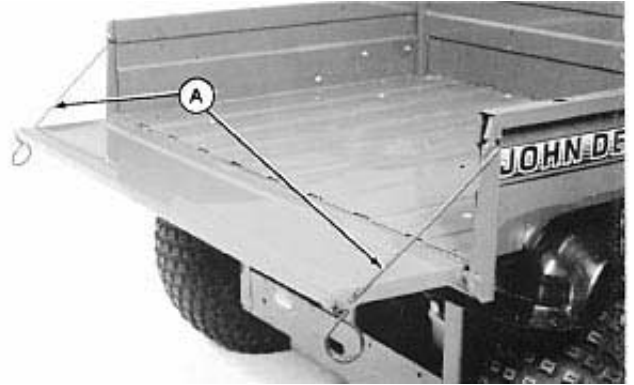


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W00938

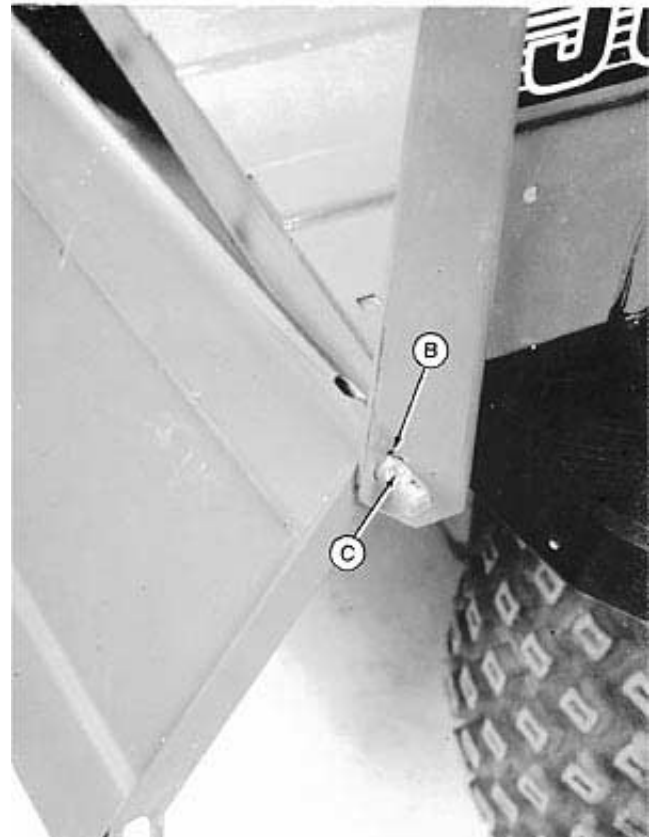
WX,GATOR,DT,AA -19-18FEB93

REMOVING TAILGATE

1. Raise tailgate slightly and rotate latch rods (A) to disengage from slots in cargo box sides.
2. Remove latch rods from each side of tailgate.
3. Swing tailgate down, align slots (B) in bracket and tabs (C) on rod.
4. Move tailgate to one side out of bracket, then repeat on the other side.
5. To replace, reverse steps.



W00939
-UN-21JAN93

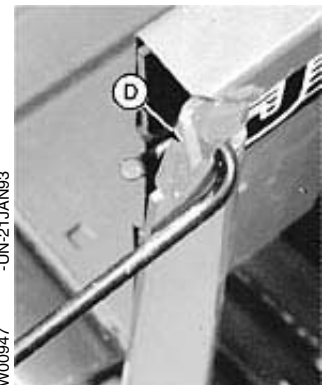
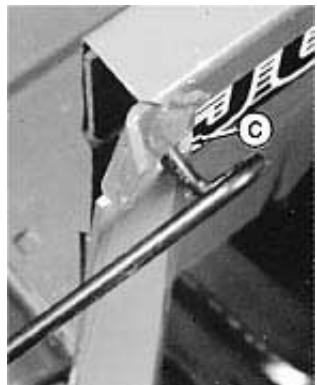
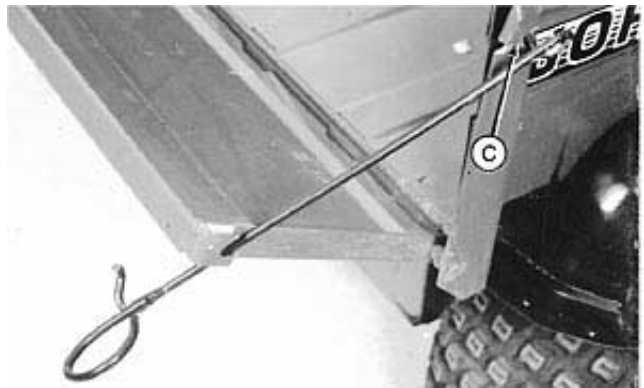
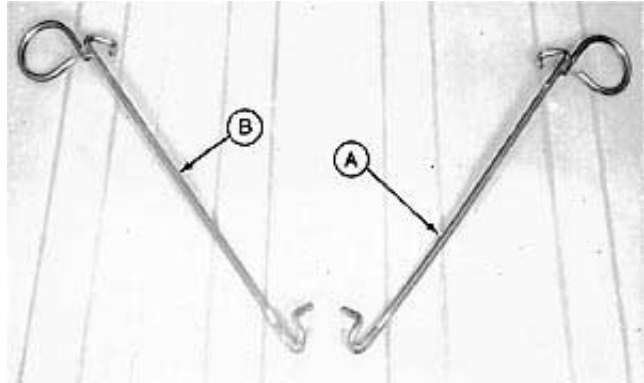


W00940
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WX,GATOR,DT,AB -19-18FEB93

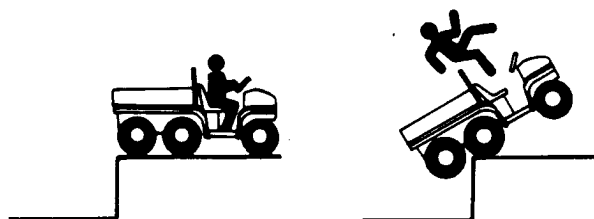
REPLACING TAILGATE LATCH RODS

1. Identify right (A) and left (B) latch rods.
2. Route latch rod through tailgate and into slot (C) on side of cargo box.
3. Rotate latch rod through slot into bracket (D).
4. Raise tailgate and push in and up to engage latch rod in slot (E) in top rail.



DUMPING A LOAD

CAUTION: Help prevent personal injury or death when dumping loads, **DO NOT** allow rear wheels to hang over the edge of a loading dock or ravine. This would place weight of load in the cargo box over center and vehicle could tip over backwards.



Reverse machine to area where load is desired.

Engage parking brake and release tailgate latches.

CAUTION: The cargo box can be very heavy, help prevent bodily injury such as back strain. A cargo box without Power Lift option is not meant to be raised by hand when loaded.

If machine is not equipped with Power Lift, empty box first before raising by hand.

If machine is equipped with Power Lift, raise cargo box.

When load is dumped, lower cargo box, **DO NOT** drive machine with cargo box in raised position.

WX,GATOR,DT,AD1-19-16APR93

W00944 -UN-28JAN93

Transporting

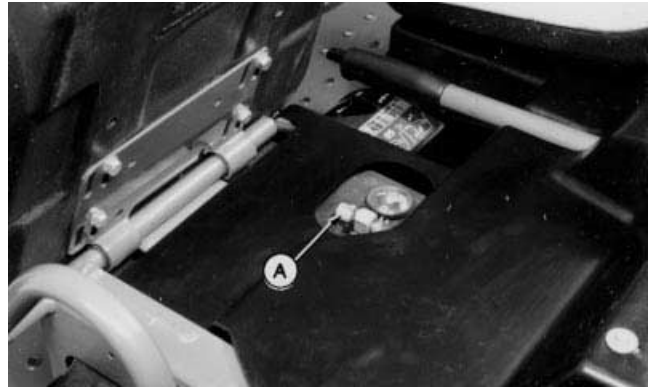
PREPARE TO TRANSPORT UTILITY VEHICLE

⚠ CAUTION: To help prevent the possibility of fire from ignition of gasoline or vapour, turn fuel shut-off valve off before transporting vehicle.

Turn fuel shut-off valve (A) to "OFF" position (arrow down) during transport.

This will help prevent fuel from possibly being drawn into air filter and/or carburetor from air movement and motion of travel.

(Continued)



WX,GATORB,TR,A -19-12JUL96

-UN-23AUG88

TS227

-UN-11JUL96

W02625

TRANSPORTING UTILITY VEHICLE

IMPORTANT: Never tow the utility vehicle. Transaxle damage will occur if utility vehicle is towed. Haul the utility vehicle on a trailer or on a truck.

Do not tow utility vehicle behind any other vehicle.

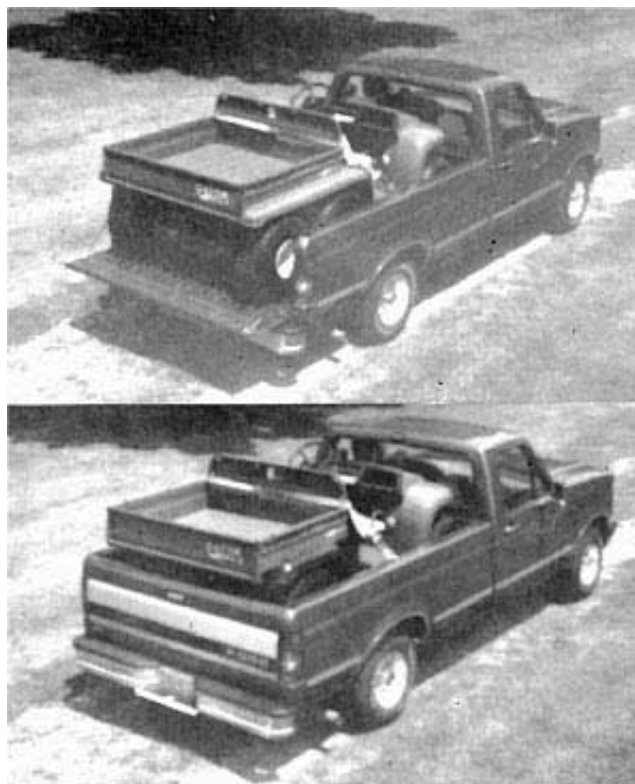
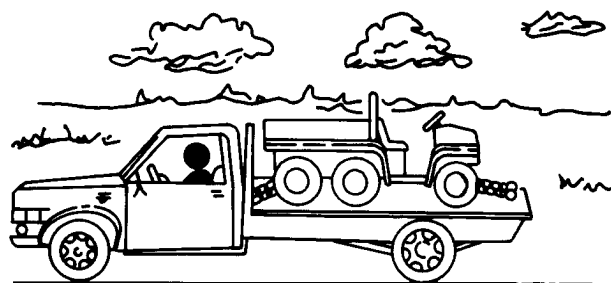
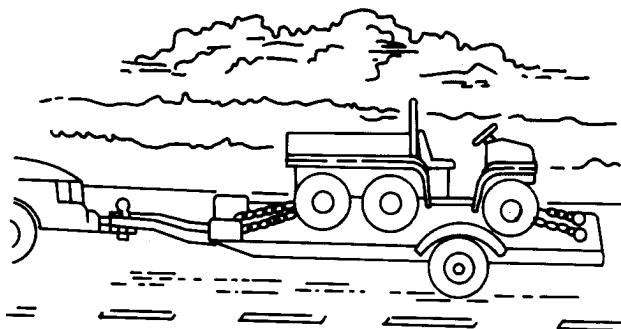
Use a heavy-duty trailer, full size pick-up or truck to haul your utility vehicle.

NOTE: Pick-up shown is a full-size Ford, space limitations may vary with other makes. Short bed trucks do not have the length requirement for vehicle.

Engage parking brake.

Fasten utility vehicle to trailer or truck with straps, chains, or cables.

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



-UN-21 JAN93

W00905

-UN-22 JAN93

W01041

Attachments

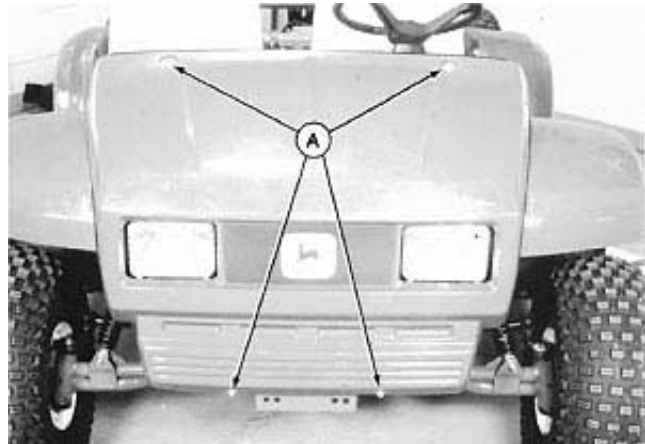
ATTACHMENTS/OPTIONS

The following attachments/options for use with the GATOR Utility Vehicle are available from your John Deere dealer.

For access to electrical connections when installing attachments/options, remove hex head screws (A) and lift hood up and off machine.

Use supplement instructions for mounting and attaching options on vehicle. Remove plugs from holes in the dash and locate each unit or control as outlined for each attachment/option.

IMPORTANT: Help prevent the possibility of premature failure of headlight bulbs due to hood contacting headlight housing. When re-installing hood onto machine after installations or connections are in place, be sure there is clearance all around headlight housing.



W00950
-UN-21JAN93

WX,GATOR,AT,A2 -19-12DEC95

POWER LIFT



W02280
-UN-30OCT95

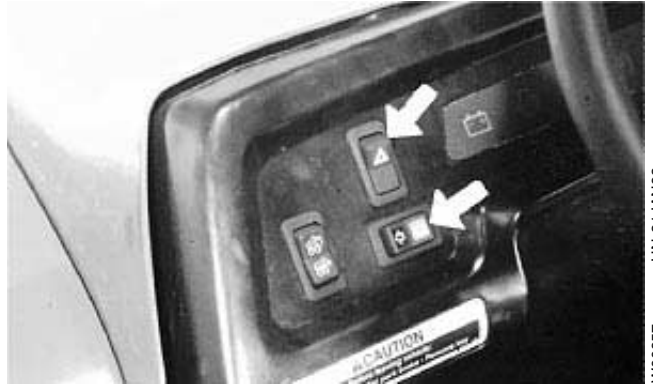


W01031
-UN-21JAN93

WX,DGATOR,AT,D -19-15NOV95

LIGHT AND HORN KIT

This kit includes, Brake/Tail lights, Directional Signals, Four-Way Flashers and Horn.



W00957
-UN-21JAN93



W02612
-UN-11JUL96



W00954
-UN-21JAN93



W00959
-UN-21JAN93

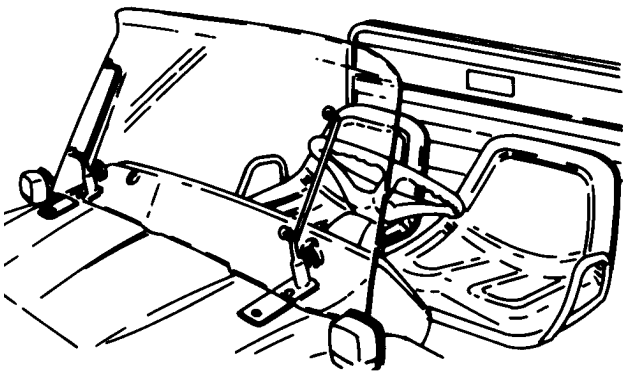
HOUR METER



WX,GATORB,AT,E -19-12JUL96

W02614 -UN-11JUL96

WINDSHIELD



WX,GATOR,AT,L -19-19OCT94

W01802 -UN-15OCT94

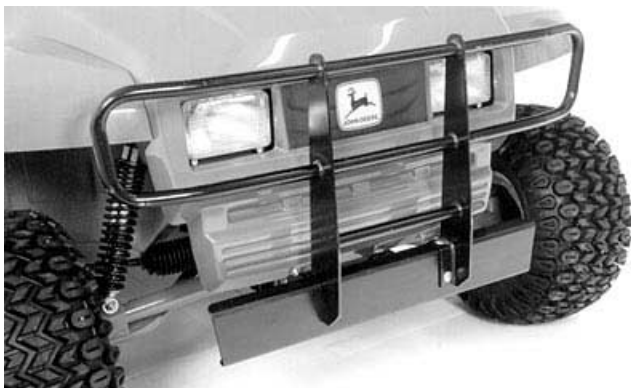
FRONT BLADE



WX,GATOR,AT,E1 -19-15NOV95

W02291 -UN-15NOV95

BRUSH GUARD



WX,DGATOR,AT,I3-19-15NOV95

W02292 -UN-15NOV95

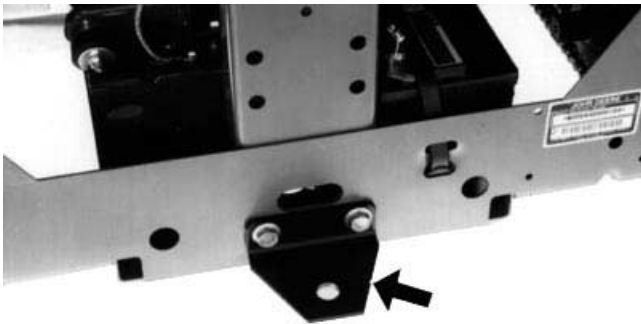
BACKUP ALARM



W01801
-UN-11OCT94

WX,DGATOR,AT,I4-19-15NOV95

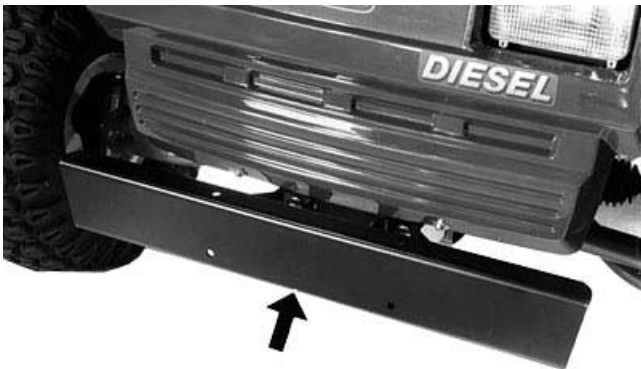
REAR HITCH



W02255
-UN-29OCT95

WX,DGATOR,AT,F -19-15NOV95

FRONT BUMPER



W02208
-UN-29OCT95

WX,DGATOR,AT,H1-19-15NOV95

BED LINER



WX,GATOR,AT,I -19-18FEB93

W00961 -UN-21 JAN93

TIRES

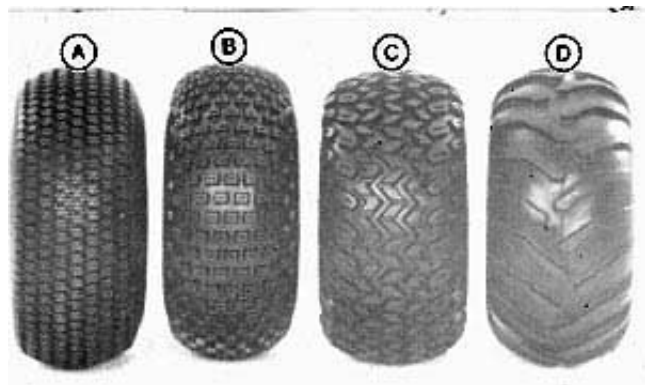
When replacing tires ON 6X4 ONLY that have been removed for service or storage, check inflation then measure circumference of tire.

Tires with the largest circumference should be placed at the rear to provide most positive ground contact for drive wheels.

IMPORTANT: DO NOT mix sizes and/or tread types of tires, replacement tires must be the same as recommended original equipment or an approved replacement option.

Four styles of tires are available for the vehicle.

Turf, Knobby, Heavy-Duty All Purpose and Bar-Type see your John Deere dealer.



A—Turf
B—Knobby
C—Heavy-Duty All Purpose
D—Bar

WX,GATOR,AT,J1 -19-16SEP93

W00962 -UN-22JAN93

Fuels and Lubricants

FUEL

CAUTION: Handle fuel carefully. If engine is hot or running, do not fill the fuel tank. Stop engine and allow to cool several minutes before filling fuel tank. Do not smoke while you fill the fuel tank or service the fuel system. Fill fuel tank only to bottom of filler neck.



-UN-23AUG88

TS185

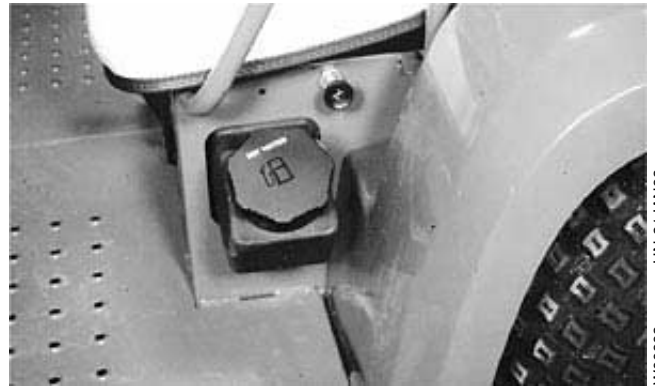
IMPORTANT: To avoid engine damage, DO NOT mix oil with gasoline.

Unleaded fuel is recommended because it burns cleaner and leaves less unburned deposits in engine combustion chamber. Regular leaded gasoline with an anti-knock index of 87 or higher may be used.

Use of gasohol is acceptable as long as the ethyl alcohol blend does not exceed 10 percent. Unleaded gasohol is preferred over leaded gasohol.

Fuel Tank Capacity 20 L (5.3 US gal)

Fill fuel tank at end of each day's operation. Fill only to bottom of filler neck.



-UN-21JAN93

W00963

WX,GATOR,FL,A -19-18FEB93

STORING AND HANDLING FUEL

Buy clean, high quality fuel.

Fuel is available in summer or winter grades and should be bought as near to the intended time of use as possible.

IMPORTANT: To avoid engine damage due to contamination, keep dirt, scale, water or other foreign material out of fuel.

Keep fuel in a clean container in a protected area away from buildings.

Keep storage tank on its side with plug up.

Drain water and sediment from storage tank regularly.

Avoid storing fuel for a long time. If you keep fuel for a long time, add a fuel conditioner to prevent water condensation and varnish. (See your John Deere dealer for conditioner.)

WX,GATOR,FL,B -19-18FEB93

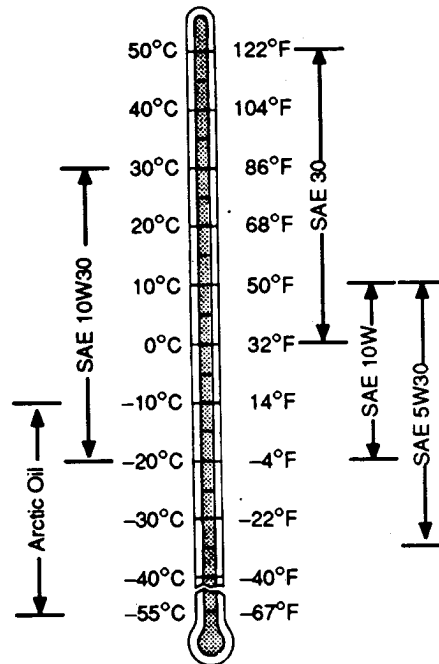
ENGINE OIL

Use oil with a viscosity based on the expected air temperature range during the period between oil changes.

John Deere PLUS-4® engine oil is recommended.

Other oils may be used if they meet API Service Classification SF, SE, or SD.

Oils meeting Military Specification MIL-L-46167A may be used as arctic oils.



WX,626,4FL,C1 -19-27FEB91

SELECTING GREASE

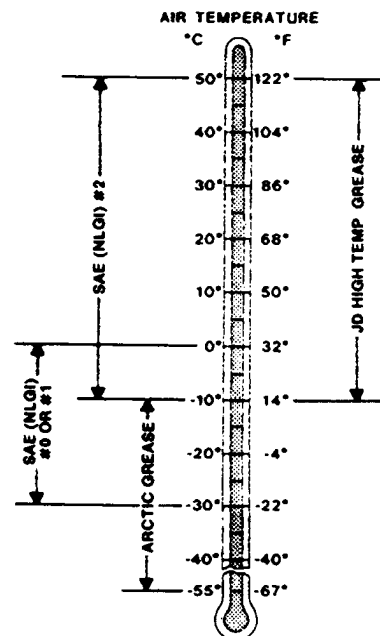
Depending upon the expected air temperature range during the service interval, use grease as shown on the temperature chart.

The following grease are recommended:

—John Deere Moly High Temperature/Extreme Pressure Grease

—SAE-Multipurpose High Temperature Grease with Extreme Pressure [EP] Performance with 3 to 5% molybdenum disulfide.

NOTE: Moly-type grease is recommended, however, if not available, a multipurpose grease is acceptable.



WX,622,4FL,D -19-12JUN89

SELECTING TRANSAXLE OIL

Depending upon the expected air temperature range during the drain interval, oil viscosity may present a problem.

John Deere J20C Hygard oil is recommended at normal temperatures.

For temperatures below -13°C (0°F), John Deere J20D Hygard Low Viscosity oil may be used.

NOTE: If J20D Hygard is used at temperatures above -13°C (0°F) some brake squeal may be heard due to lower viscosity of the oil at higher air temperature.

WX,GATOR,FL,C -19-18FEB93

ENGINE COOLANT

Antifreeze formulated to meet ASTM-D3306 specification is recommended. Most automotive over-the-counter coolants will meet this specification. Use ethylene glycol base coolant. These coolants usually have labels stating "For Automobiles and Light Duty Service". These products are also often labelled for use in aluminum engines. Check container label before using.

IMPORTANT: To prevent engine damage, DO NOT use pure antifreeze or more than 50/50 solution mix in the cooling system. DO NOT mix or add any other type additives to the system.

Mix approximately 50 percent antifreeze to 50 percent distilled or deionized water. This mixture will provide freeze protection to -34 degrees F (-37 degrees C).

Certain geographical areas may require lower temperature protection. See the label on your antifreeze container or consult your John Deere dealer to obtain the latest information and recommendations.

The recommended antifreeze provides:

1. Adequate heat transfer.
2. Corrosion resistant environment within the cooling system.
3. Compatibility with cooling system hose and seal material.
4. Protection during cold and hot weather operation.

WX,GATOR,FL,E -19-18FEB93

ALTERNATIVE AND SYNTHETIC LUBRICANTS

Conditions in certain geographical areas may require lubricant recommendations different from those printed in this manual.

Some John Deere brand coolants and lubricants may not be available in your location.

Consult your John Deere dealer to obtain information and recommendations.

Synthetic lubricants may be used if they meet the performance requirements as shown in this manual.

The temperature limits and service intervals shown in this manual apply to both conventional and synthetic oils.

Re-refined base stock products may be used if the finished lubricant meets the performance requirements.

DX,ALTER -19-18MAR96

CHAIN LUBRICANT

Use John Deere TY6240 Chain Lube or an equivalent oil meeting John Deere specifications to lubricate chain drives. In dry, dusty conditions use of a dry lube is recommended.

WX,GATOR,FL,D -19-18FEB93

Checkout Procedure

BEFORE YOU START

This checkout procedure provides you with a step-by-step systems check of your utility vehicle.

Follow this procedure: use your eyes, and ears to find problems before they cause damage or personal injury.

Perform these checks on a level surface. No special tools are required.

We recommend you use these series of tests periodically.

If your utility vehicle fails any of the checks, see your John Deere dealer or the Machine Diagnosis section as noted.

WX,GATOR,CK,A -19-18FEB93

1 PRELIMINARY CHECKS

Move shift lever to N (neutral) position. Turn key to RUN position.



W02609 -UN-11JUL96

Push top of rocker switch in.

LOOK: Headlamps must be ON.

OK: GO TO 2

NOT OK: Check replaceable bulb, if not burned out, see your John Deere dealer or refer to Technical Manual.

WX,GATORB,CK,B -19-12JUL96

2 TRANSAXLE NEUTRAL-START CHECK

Operator on seat.

CAUTION: If neutral-start circuit is not functioning properly, utility vehicle will start and move forward or reverse.



W02620 -UN-11JUL96

Move shift lever to forward position.

Depress brake pedal.

Turn key to START.

LISTEN: Engine must NOT crank.

Repeat in reverse position.

OK: GO TO 3

NOT OK: See your John Deere dealer or refer to Technical Manual.

WX,GATORB,CK,C -19-12JUL96

Checkout Procedure

3 STARTING CIRCUIT CHECK Operator on seat.	 W02619 -UN-11JUL96	Move shift lever to N (neutral) position.	Turn key to START position. LISTEN: Engine must start and run (use choke as needed).	OK: GO TO 4 NOT OK: Go to Machine Diagnosis section. WX,GATORB,CK,D -19-12JUL96
4 IDLE SPEED CHECK Operator on seat. Shift lever in neutral and parking brake engaged.	Run engine at half throttle.	 W01049 -UN-29JAN93	Release accelerator. LISTEN: Engine must idle smoothly without faltering or stopping.	OK: GO TO 5 NOT OK: See your John Deere dealer or refer to Technical Manual. WX,GATOR,CK,E -19-18FEB93
5 THROTTLE CHECK Operator on seat. Shift lever in neutral, parking brake engaged. Accelerate engine from slow to fast idle.		LISTEN: Engine must accelerate smoothly without hesitation.	LISTEN: Engine must return to idle when foot is removed from accelerator.	OK: GO TO 6 NOT OK: See Machine Diagnosis section. WX,GATOR,CK,F -19-18FEB93
6 CHOKE CHECK Operator on seat. Shift lever in neutral, parking brake engaged.	Run engine at half throttle.	 W01050 -UN-29JAN93	Quickly pull choke knob full on, then off. LISTEN: Engine must falter, then resume speed.	OK: GO TO 7 NOT OK: See your John Deere dealer or refer to Technical Manual. WX,GATOR,CK,G -19-18FEB93
7 TRANSAXLE FORWARD-REVERSE CHECK Operator on seat. Brake pedal depressed.	Run engine at slow idle.	 W02619 -UN-11JUL96	Move shift lever forward, then back to neutral and into reverse. FEEL: Shift lever engages smoothly from forward to reverse.	OK: GO TO 8 NOT OK: See your John Deere dealer or refer to Technical Manual. WX,GATORB,CK,H -19-12JUL96

Checkout Procedure

8 PARKING-BRAKE CHECK

Operator on seat.
Run engine at slow idle.



W01051 -UN-29JAN93

Engage parking brake.
Depressing brake pedal eases pulling force.

Move shift lever to forward and accelerate to half throttle.

Move shift lever to reverse and accelerate to half throttle.

FEEL: Transporter must NOT move.

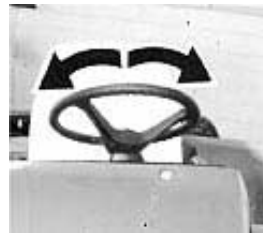
OK: GO TO 9

NOT OK: See your John Deere dealer or refer to Technical Manual.

WX,GATOR,CK,I -19-18FEB93

9 STEERING CHECK

Operator on seat.
Vehicle parked on hard surface.
Engine OFF.



W01052 -UN-29JAN93

Turn steering wheel full left and full right.

FEEL: Steering action must be smooth.

OK: GO TO 10

NOT OK: See your John Deere dealer or refer to Technical Manual.

WX,GATOR,CK,J -19-18FEB93

9A ALIGNMENT CHECK

Operator on seat.
Drive vehicle on level surface.



W01052 -UN-29JAN93

Machine travels in straight line.

FEEL: No pressure or pull on steering wheel.

Machine pulls to left or right.

FEEL: Pressure on steering wheel to left or right.

OK: No pressure or pull.

NOT OK: See your John Deere dealer or refer to Technical Manual.

WX,GATOR,CK,AE -19-16APR93

10 PERFORMANCE CHECK

Operator on seat.

Drive vehicle on smooth, level surface.

FEEL: Drive engagement and vehicle acceleration must be smooth.

OK: Transporter ready for use.

NOT OK: See your John Deere dealer or refer to Technical Manual.

WX,GATOR,CK,K -19-18FEB93

Machine Diagnosis

TROUBLESHOOTING

Use this section and the Service As Necessary section to solve many of your problems.

If your utility vehicle does not run properly after performing tests, see your John Deere dealer.

No special tools are required.

WX,GATOR,CK,L -19-18FEB93

1 ENGINE WILL NOT CRANK

This may be caused by the following:

1. Shift lever not in N (neutral) position.
2. Loose battery cables. Corroded battery cables and terminals: GO TO 1A

3. Battery has low voltage: GO TO 1B

4. Defective start relay (6X4).

WX,GATOR,CK,M -19-18FEB93

1A BATTERY CABLE AND TERMINALS CHECK

Raise cargo box and be sure support rod locks in notch.

On 4 X 2 raise passenger seat also.



W02289 -UN-13NOV95

FEEL: Battery cables are tight.

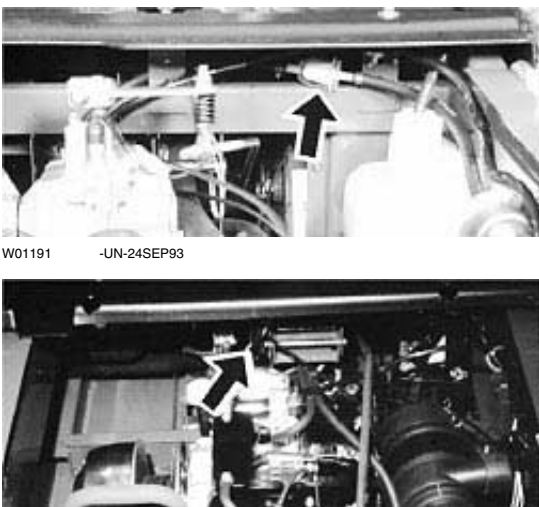
LOOK: Battery terminals are not corroded.

OK: GO TO 1B

NOT OK: Clean as described in CHECKING AND CLEANING BATTERY in Service As Necessary section.

WX,GATOR,CK,N1 -19-12DEC95

Machine Diagnosis

1B BATTERY VOLTAGE CHECK	 W02290 -UN-13NOV95	Check battery electrolyte level as described in CHECKING BATTERY ELECTROLYTE LEVEL in Service/50 Hours Section. Charge battery as described in CHARGING BATTERY in the Service/As Necessary Section.	OK: Engine cranks NOT OK: See your John Deere dealer.
2 ENGINE WON'T START	This may be caused by the following: 1. No fuel—check and fill as needed. 2. Carburetor vent hose plugged—check and clean as required. 3. Spark plug defective: GO TO 2A		4. Fuel filter plugged: GO TO 2B 5. Fuel shutoff valve turned off: 2C
2A SPARK PLUG CHECK Remove spark plug.	 W01055 -UN-29JAN93 <i>LOOK: Porcelain cracked.</i> Pitted or damaged electrodes. Plug gap must be 0.64 mm (0.025 in.).	<i>LOOK: Connect plug to wire. Ground plug electrode against screw on engine cowl. Crank engine—check for spark.</i>	OK: GO TO 2B NOT OK: Replace spark plug. Install spark plug. Tighten to 15 lb-ft (20 N·m).
2B FUEL FILTER CHECK Turn fuel shutoff valve clockwise to closed position. (Arrow down)	 W01191 -UN-24SEP93 W01057 -UN-29JAN93	Remove and replace fuel filter. Turn fuel shutoff valve counterclockwise to open position. (Arrow up) OK: GO TO 2C	

Machine Diagnosis

2C FUEL SHUTOFF VALVE CHECK

Located at fuel tank under passenger seat.

LOOK: Valve must be in open position (arrow up).



W01058 -UN-29JAN93

Crank engine.

OK: ENGINE STARTS

NOT OK: See your John Deere dealer.

WX,GATOR,CK,T -19-18FEB93

3 ENGINE RUNS POORLY

This may be caused by:

1. Faulty spark plug—See 2A
2. Fuel filter plugged—See 2B
3. Engine oil low—See 3A
4. Blower screen dirty—See 3B
5. Air cleaner dirty—See 3C
6. Throttle cable out of adjustment—See your John Deere

dealer.

7. Carburetor vent hose plugged
8. Carburetor out of adjustment—See your John Deere dealer.

WX,GATOR,CK,U -19-18FEB93

3A ENGINE OIL LEVEL CHECK

Engine off.
Allow engine to cool.



W01059 -UN-29JAN93

Remove engine dipstick and wipe clean.

Insert dipstick fully (6X4), rest on threads (4X2).

Remove and inspect dipstick.



W01060 -UN-29JAN93

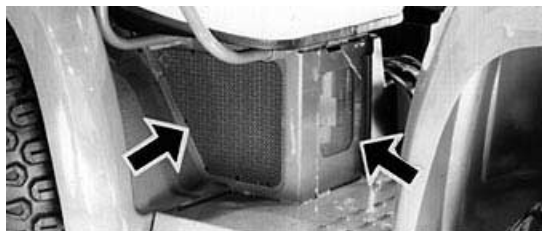
LOOK: Oil should show between ADD and FULL marks.

OK: GO TO 3B

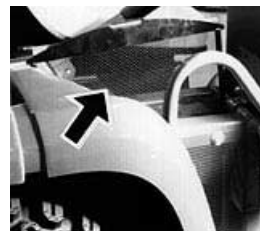
WX,GATOR,CK,V -19-18FEB93

3B ENGINE SCREEN CHECK

Engine off.



W02212 -UN-29OCT95



W02213 -UN-29OCT95

LOOK: Clean screen(s) if clogged or dirty.

The 4 X 2 has one screen under passenger seat and one on flywheel cover in engine compartment.

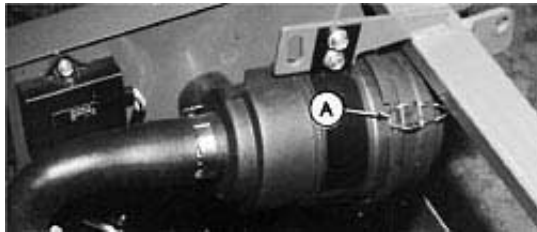
The 6 X 4 has two screens as shown and also has lift out screen at side.

Continued on next page

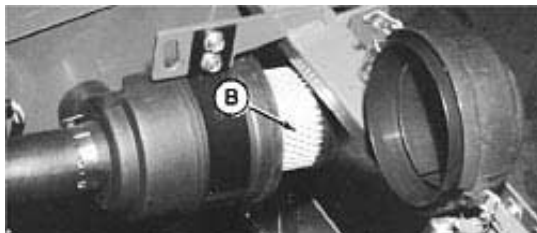
OK: GO TO 3C

WX,GATOR,CK,W1 -19-12DEC95

3C AIR CLEANER CHECK



W01063 -UN-29JAN93



W01064 -UN-29JAN93

NOTE: If equipped with air restriction indicator, check indicator cap.

Release two clamps (A) and element (B).

Replace air cleaner element if dirty.

If equipped with Heavy-Duty Air Cleaner, there are two elements.

OK: Engine runs.

NOT OK: See your John Deere dealer.

WX,GATOR,CK,X -19-18FEB93

4 POOR PERFORMANCE

This may be caused by:

1. Faulty spark plug—See 2A
2. Fuel filter plugged—See 2B
3. Carburetor vent hose plugged
4. Engine oil low—See 3A
5. Engine screen dirty—see 3B
6. Air cleaner dirty—See 3C

7. Throttle cable out of adjustment—See JD dealer
8. Carburetor out of adjustment—See JD dealer
9. Shifter clash—See 4A
10. Jerky engagement—See 4B
11. Low top speed—See 4B
12. Low tire inflation pressure—See 4C

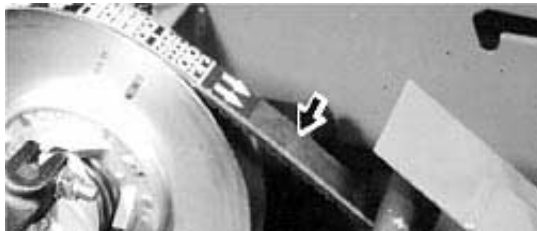
WX,GATOR,CK,Z -19-18FEB93

4A SHIFTER CHECK

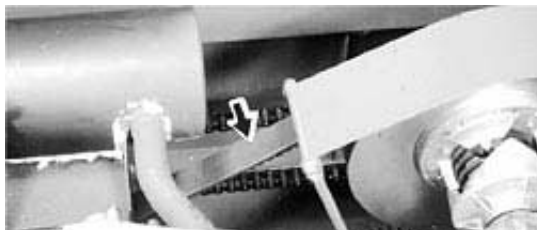
Start engine.

Move shifter from N (neutral) to forward.

LISTEN: Transaxle gear engagement.



W01066 -UN-29JAN93



W01065 -UN-29JAN93

If gear engagement is not smooth, stop engine and check belt condition.

LOOK: Belt should not be frayed, separated, or width should not be less than 27 mm (1.06 in.). If either condition exists replace belt.

OK: GO TO 4C

NOT OK: See your John Deere dealer.

WX,GATOR,CK,AA -19-18FEB93

Machine Diagnosis

4B DRIVE BELT CHECK

Start engine. Release park brake.

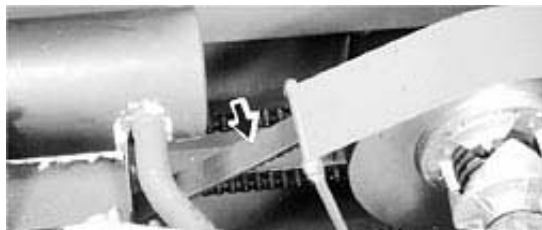
Move shifter from N (neutral) to forward.

FEEL: Engagement jerky.

FEEL: Top speed seems unsteady or too slow.



W01066 -UN-29JAN93



W01065 -UN-29JAN93

Stop engine.

LOOK: Check belt condition, belt should not be frayed, separated, or width should not be less than 27 mm (1.06 in.). If either condition exists replace belt.

OK: GO TO 4C

NOT OK: See your John Deere dealer.

WX,GATOR,CK,AB -19-18FEB93

4C TIRE PRESSURE CHECK

FEEL: Tires wobble or squirm. Loss of steering control.



RW12370 -UN-21NOV88

Stop engine.

Remove key.

Engage park brake, depressing brake pedal while lifting arm eases the force required to raise lever.

LOOK: Check air pressure.

OK: Tire pressure correct.

NOT OK: Inflate tires.

Keep all tires inflated to 34—41 kPa (5—6 psi).

Heavy-Duty All Purpose tire inflation pressure can be as low as 27 kPa (4 psi) to provide a better ride.

WX,GATOR,CK,AC -19-18FEB93

5 PARK BRAKE CHECK

This may be caused by improper cable adjustment.

Stop engine.

Remove key.

Engage park brake.



W01051 -UN-29JAN93

OK: Brakes work.

NOT OK: See your John Deere dealer.

WX,GATOR,CK,AD -19-18FEB93

6 HEADLIGHTS FAIL

Headlights burn out in a short period of time.

Check alignment of hood.

Plastic around headlight should not contact headlight housing. Vibration will affect lifetime of bulb.

OK: No interference

NOT OK: Adjust hood to allow clearance.

WX,GATOR,CK,AF -19-16APR93

Machine Diagnosis

7

6X4 MACHINE HARD TO STEER

Machine squirms when turning.

Machine turns easier one way than the other.

Tires scrub ground and leave marks.

Largest circumference tires should be on drive axles providing optimum ground contact.

Measure circumference of all rear tires.

Choose two largest circumference tires and mount on rearmost position on each side of machine.

NOT OK: Re-check tire inflation and tire wear.

WX,GATOR,CK,AG -19-16SEP93

Service

SERVICING TRANSPORTER SAFELY

CAUTION: Help prevent bodily injury from falling cargo box. Stop engine, apply parking brake, raise cargo box and be sure support rod (A) locks into latch position (B), before attempting service in engine or transaxle area.

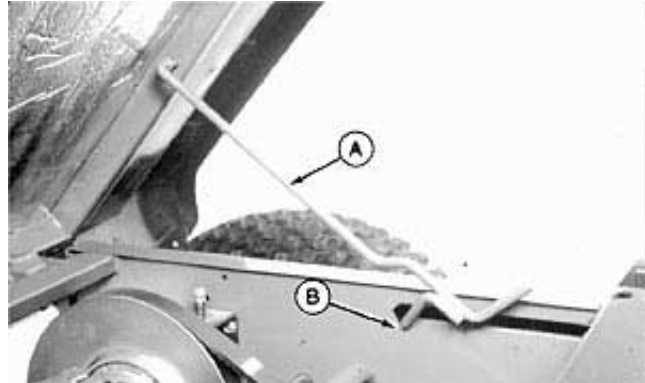
Disconnect battery ground (-) cable (C) before you service utility vehicle if starting engine could possibly injure operator.

Do not smoke or allow an open flame around fuel system or battery.

Fix damage immediately. Replace worn or broken parts.

NOTE: Support rod (A) is not used when machine is equipped with power lift. Cargo box locks into whatever position lift mechanism is in.

1. Raise cargo box and be sure rod (A) locks into notch (B).
2. Disconnect battery ground cable (C), under seat on 4 X 2 or at rear of engine compartment on 6 X 4.

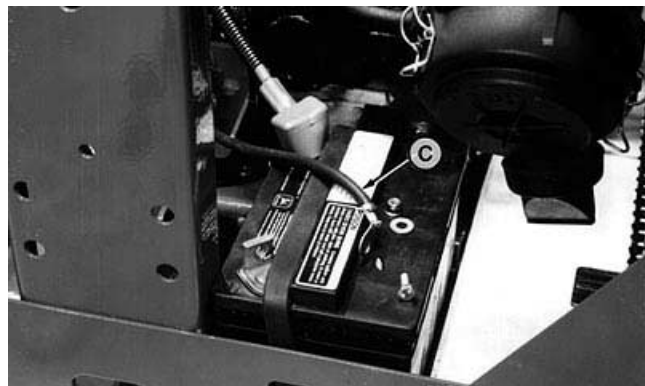


W00932 -UN-21JAN93



W00964 -UN-21JAN93

4 X 2



W02218 -UN-29OCT95

6 X 4

WX,GATOR,SV,A1 -19-12DEC95

SERVICE TIRES SAFELY

CAUTION: Explosive separation of a tire and rim parts can cause serious injury or death.

Do not attempt to mount a tire unless you have the proper equipment and experience to perform the job. Have it done by your John Deere dealer or a qualified repair service.

Always maintain the correct tire pressure. Do not inflate the tires above the recommended pressure.

When inflating tires, use a clip-on chuck and extension hose long enough to allow you to stand to one side and NOT in front of or over the tire assembly. Use a safety cage if available.

Inspect tires and wheels daily. Do not operate with low pressure, cuts, bubbles, damaged rims or missing lug bolts and nuts.

Keep all tires inflated to 34—41 kPa (5—6 psi).

Heavy-Duty All Purpose tire inflation pressure can be as low as 27 kPa (4 psi) to provide a better ride.

1. Remove tire from vehicle for service.
2. Repair or replace tire.

NOTE: Valve stem must be to outside.

3. Install wheel and tighten hardware,

—after first 10 hours operation

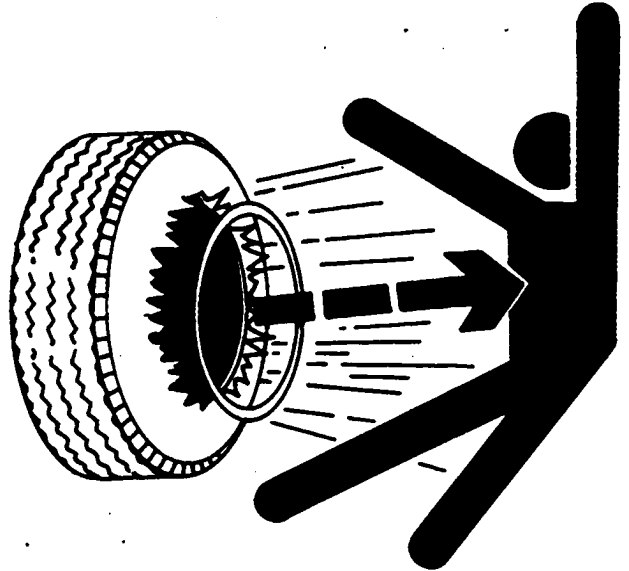
—after every 200 hours operation

Install wheel bolts on drive wheels making sure beveled sides face inward, and tighten in proper sequence (A), (B), (C), (D) and (E) as illustrated, alternately and evenly until “snug”.

Tighten bolts to 100 N·m (75 lb-ft) on drive wheels.

IMPORTANT: Overtightening of front wheel bolt may result in bearing damage.

Tighten front wheel bolts to 90 N·m (65 lb-ft).



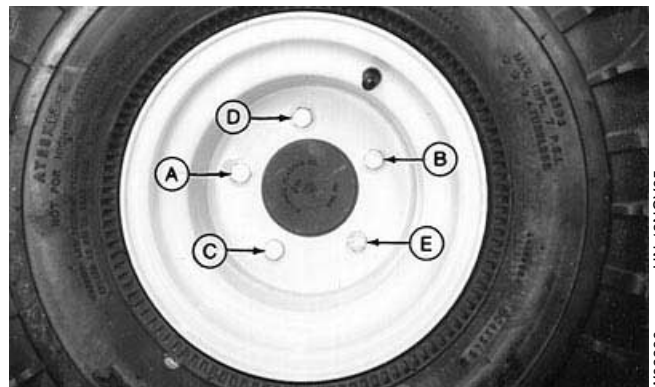
-UN-23AUG88

TS211



-UN-25AUG88

M34163



-UN-13NOV95

W02296

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 -19-03MAR93

TS204 -UN-23AUG88

AVOID HOT COOLANT SYSTEM FLUID 6X4 ONLY

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

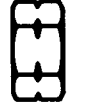
Shut off engine and only remove filler cap when it is cool enough to touch with bare hands. Slowly loosen filler cap to first "stop" to relieve pressure before removing cap completely.



WX,GATOR,SV,X -19-19OCT94

TS281 -UN-23AUG88

UNIFIED INCH BOLT AND CAP SCREW TORQUE VALUES

SAE Grade and Head Markings	NO MARK	1 or 2 ^b	5	5.1	5.2	8	8.2
							
SAE Grade and Nut Markings	NO MARK	2	5		8		
							

Size	Grade 1				Grade 2 ^b				Grade 5, 5.1, or 5.2				Grade 8 or 8.2			
	Lubricated ^a		Dry ^a		Lubricated ^a		Dry ^a		Lubricated ^a		Dry ^a		Lubricated ^a		Dry ^a	
	N-m	lb-ft	N-m	lb-ft	N-m	lb-ft	N-m	lb-ft	N-m	lb-ft	N-m	lb-ft	N-m	lb-ft	N-m	lb-ft
1/4	3.7	2.8	4.7	3.5	6	4.5	7.5	5.5	9.5	7	12	9	13.5	10	17	12.5
5/16	7.7	5.5	10	7	12	9	15	11	20	15	25	18	28	21	35	26
3/8	14	10	17	13	22	16	27	20	35	26	44	33	50	36	63	46
7/16	22	16	28	20	35	26	44	32	55	41	70	52	80	58	100	75
1/2	33	25	42	31	53	39	67	50	85	63	110	80	120	90	150	115
9/16	48	36	60	45	75	56	95	70	125	90	155	115	175	130	225	160
5/8	67	50	85	62	105	78	135	100	170	125	215	160	240	175	300	225
3/4	120	87	150	110	190	140	240	175	300	225	375	280	425	310	550	400
7/8	190	140	240	175	190	140	240	175	490	360	625	450	700	500	875	650
1	290	210	360	270	290	210	360	270	725	540	925	675	1050	750	1300	975
1-1/8	400	300	510	375	400	300	510	375	900	675	1150	850	1450	1075	1850	1350
1-1/4	570	425	725	530	570	425	725	530	1300	950	1650	1200	2050	1500	2600	1950
1-3/8	750	550	950	700	750	550	950	700	1700	1250	2150	1550	2700	2000	3400	2550
1-1/2	1000	725	1250	925	990	725	1250	930	2250	1650	2850	2100	3600	2650	4550	3350

DO NOT use these values if a different torque value or tightening procedure is given for a specific application. Torque values listed are for general use only. Check tightness of fasteners periodically.

Shear bolts are designed to fail under predetermined loads. Always replace shear bolts with identical grade.

^a "Lubricated" means coated with a lubricant such as engine oil, or fasteners with phosphate and oil coatings. "Dry" means plain or zinc plated without any lubrication.

^b Grade 2 applies for hex cap screws (not hex bolts) up to 152 mm (6-in.) long. Grade 1 applies for hex cap screws over 152 mm (6-in.) long, and for all other types of bolts and screws of any length.

Fasteners should be replaced with the same or higher grade. If higher grade fasteners are used, these should only be tightened to the strength of the original.

Make sure fasteners threads are clean and that you properly start thread engagement. This will prevent them from failing when tightening.

Tighten plastic insert or crimped steel-type lock nuts to approximately 50 percent of the dry torque shown in the chart, applied to the nut, not to the bolt head. Tighten toothed or serrated-type lock nuts to the full torque value.

METRIC BOLT AND CAP SCREW TORQUE VALUES

Property Class and Head Markings	4.8		8.8		9.8		10.9		12.9	
										
Property Class and Nut Markings	5		10		10		10		12	
										

Size	Class 4.8				Class 8.8 or 9.8				Class 10.9				Class 12.9			
	Lubricated ^a		Dry ^a		Lubricated ^a		Dry ^a		Lubricated ^a		Dry ^a		Lubricated ^a		Dry ^a	
	N-m	lb-ft	N-m	lb-ft	N-m	lb-ft	N-m	lb-ft	N-m	lb-ft	N-m	lb-ft	N-m	lb-ft	N-m	lb-ft
M6	4.8	3.5	6	4.5	9	6.5	11	8.5	13	9.5	17	12	15	11.5	19	14.5
M8	12	8.5	15	11	22	16	28	20	32	24	40	30	37	28	47	35
M10	23	17	29	21	43	32	55	40	63	47	80	60	75	55	95	70
M12	40	29	50	37	75	55	95	70	110	80	140	105	130	95	165	120
M14	63	47	80	60	120	88	150	110	175	130	225	165	205	150	260	190
M16	100	73	125	92	190	140	240	175	275	200	350	255	320	240	400	300
M18	135	100	175	125	260	195	330	250	375	275	475	350	440	325	560	410
M20	190	140	240	180	375	275	475	350	530	400	675	500	625	460	800	580
M22	260	190	330	250	510	375	650	475	725	540	925	675	850	625	1075	800
M24	330	250	425	310	650	475	825	600	925	675	1150	850	1075	800	1350	1000
M27	490	360	625	450	950	700	1200	875	1350	1000	1700	1250	1600	1150	2000	1500
M30	675	490	850	625	1300	950	1650	1200	1850	1350	2300	1700	2150	1600	2700	2000
M33	900	675	1150	850	1750	1300	2200	1650	2500	1850	3150	2350	2900	2150	3700	2750
M36	1150	850	1450	1075	2250	1650	2850	2100	3200	2350	4050	3000	3750	2750	4750	3500

DO NOT use these values if a different torque value or tightening procedure is given for a specific application. Torque values listed are for general use only. Check tightness of fasteners periodically.

Shear bolts are designed to fail under predetermined loads. Always replace shear bolts with identical property class.

Fasteners should be replaced with the same or higher property class. If higher property class fasteners are used, these should only be tightened to the strength of the original.

Make sure fasteners threads are clean and that you properly start thread engagement. This will prevent them from failing when tightening.

Tighten plastic insert or crimped steel-type lock nuts to approximately 50 percent of the dry torque shown in the chart, applied to the nut, not to the bolt head. Tighten toothed or serrated-type lock nuts to the full torque value.

^a "Lubricated" means coated with a lubricant such as engine oil, or fasteners with phosphate and oil coatings. "Dry" means plain or zinc plated without any lubrication.

SERVICE INTERVALS

Service intervals are for normal conditions. Severe or unusual conditions may require more frequent attention.

BREAK-IN

Change engine oil and filter (optional on 4X2) after first 20 hours of operation.

Check belt condition and chain slack after first 10 hours of operation.

Tighten wheel bolts after first 10 hours and every 200 hours thereafter.

BEFORE EACH USE

Check engine oil level.

Clean blower screen.

Clean operator's station and engine compartment.

25 HOURS

Check tire pressure.

Lubricate front axle king pin bushings.(Extreme conditions)

Clean out any debris from engine compartment.

50 HOURS

Lubricate front axle king pin bushings.(Normal conditions)

Check wear pads on driven clutch.

Check chain slack.

Change engine oil (engine without oil filter).

Check belt condition.

Check battery electrolyte level.

Lubricate drive chain.

Clean rubber dust unloading valve.

100 HOURS

Change engine oil (engine with oil filter).

Check transaxle oil.

Check spark plug.

Check spark arrestor.

Check and replace air cleaner element (if necessary).

200 HOURS

Change oil filter (optional on 4X2).

Lubricate drive clutch.

400 HOURS OR EVERY 2 YEARS

Heavy Duty Air Filter elements

YEARLY

Clean battery.

Clean engine fins.

Check condition of fuel line.

Change transaxle oil.

AS NECESSARY

Heavy Duty Air Filter elements with Optional Air Restriction Indicator

Replacing headlight housing.

Replacing headlight bulb.

Replacing Function Indicator bulbs.

Check wear pads on driven clutch.

Replacing drive belt.

Adjusting drive chain slack.

Replace air filter element.

Checking cooling system.

Break In

TIGHTENING WHEEL HARDWARE

Tighten hardware,

—after first 10 hours operation

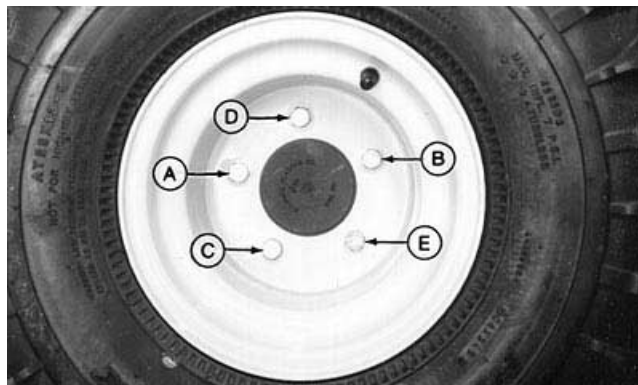
—after every 200 hours operation

Install wheel bolts on drive wheels (valve stem to outside) making sure beveled sides face inward, and tighten in proper sequence (A), (B), (C), (D) and (E) as illustrated, alternately and evenly until “snug”.

Tighten bolts to 100 N·m (75 lb-ft) on drive wheels.

IMPORTANT: Overtightening of front wheel bolt may result in bearing damage.

Tighten front wheel bolts to 90 N·m (65 lb-ft).



W02296
-UN-13NOV95

WX,DGATOR,SBI,D-19-15NOV95

PREPARE TO SERVICE VEHICLE SAFELY

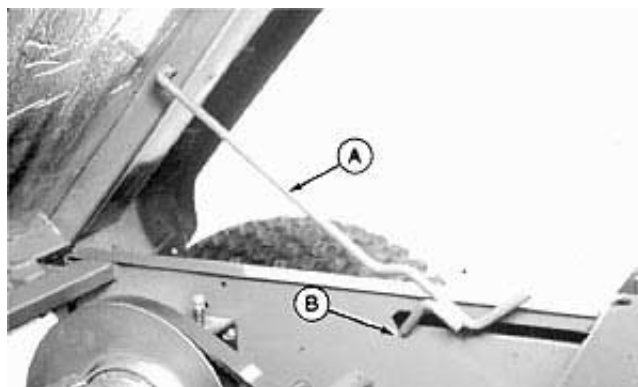
CAUTION: Help prevent bodily injury due to falling cargo box, be sure support rod (A) locks into latch slot (B) when box is raised. Latch rod not used on machines equipped with Power-Lift.

1. Stop engine and apply parking brake.

NOTE: Support rod (A) is not used when machine is equipped with power lift. Cargo box locks into whatever position lift mechanism is in.

2. Raise cargo box and be sure support rod (A) is latched in slot (B).

3. Perform all of the following services.



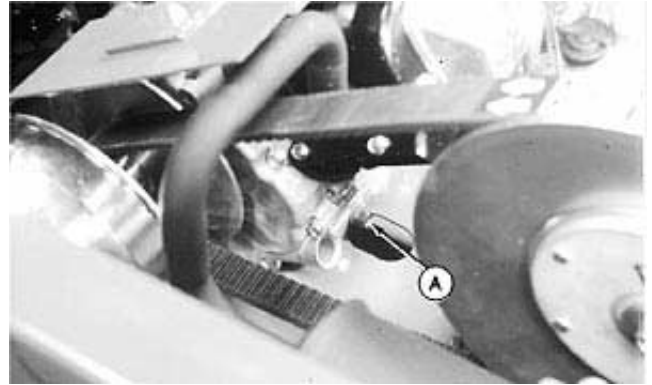
W00932
-UN-21JAN93

WX,GATOR,SBI,A1-19-18FEB93

CHANGING ENGINE OIL

NOTE: Change engine oil after the first 20 hours of operation. After that, change oil every 50 hours (without filter) or 100 hours (with filter). Change filter every 200 hours. Extremely dusty conditions will require oil changes more frequently, as often as 25 hours.

1. Place drain pan under machine to catch draining oil.
2. For 4 X 2 remove plug (A), drain crankcase, replace plug and refill. (See Changing Engine Oil in Service/100 Hours section.
3. For 6 X 4 route drain tube (B) through hole in floor plate and turn petcock valve (C) to drain crankcase.
4. Replace oil filter (D).
5. Close petcock valve, pull hose back from hole in floor plate and refill engine with oil. (See Changing Engine Oil in Service/100 Hours section.



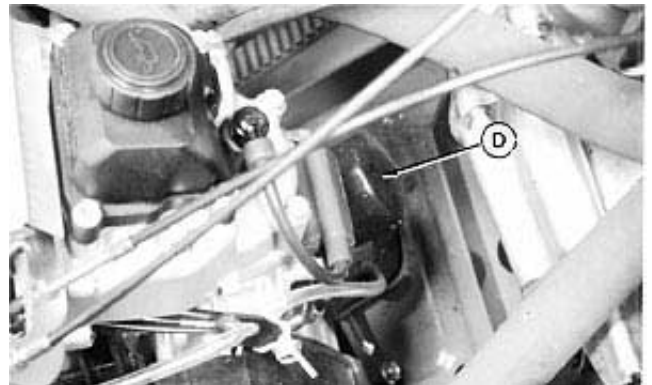
4 X 2

W00967 -UN-21JAN93



6 X 4

W01032 -UN-21JAN93



6 X 4

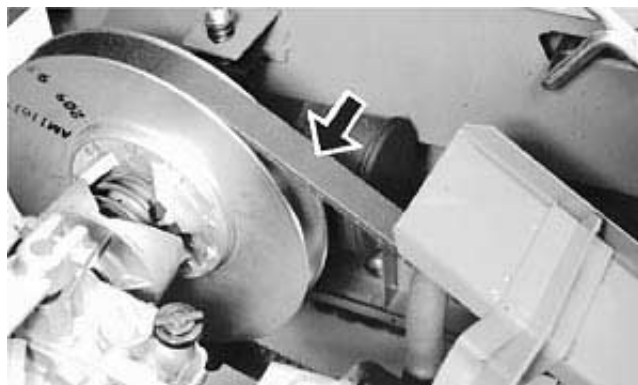
W01033 -UN-21JAN93

WX,GATOR,SBI,A -19-18FEB93

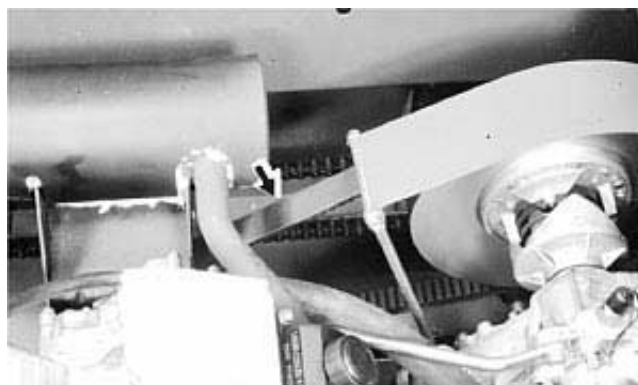
CHECKING BELT CONDITION

CAUTION: Help prevent bodily injury due to entanglement in belt or pulley. Stop engine and engage parking brake before checking belt.

1. Stop engine and apply parking brake.
2. Check belt for wear and damage.
3. Width of belt on top surface should be minimum of 27 mm (1.06 in.).
4. If belt width is less than 27 mm (1.06 in) replace drive belt.



4 X 2



6 X 4

WX,GATOR,SBI,B2-19-16SEP93

W01174 -UN-24SEP93

W00968 -UN-21JAN93

CHECKING DRIVE CHAIN SLACK 6 X 4 ONLY

1. Park utility vehicle on level surface. Stop engine, do not engage parking brake.
2. Raise all four utility vehicle rear wheels off the surface. Place safety stands under utility vehicle.
3. Raise box and be sure support rod is in latch.
4. Rotate rear wheels toward each other so that chain slack is at top.
5. With straight edge across top of sprockets measure distance to top of chain.
6. Slack should be 13 to 38 mm (0.5 to 1.5 in.).
7. See Adjusting Drive Chain Tension in Service/As Necessary section for adjustment procedure.



W00969 -UN-21JAN93

WX,GATORB,SBI,C-19-12JUL96

Before Each Use

PREPARE TO SERVICE VEHICLE SAFELY

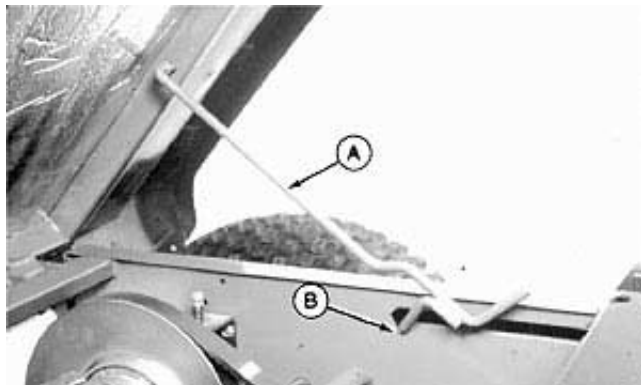
⚠ CAUTION: Help prevent bodily injury due to falling cargo box, be sure support rod (A) locks into latch slot (B) when box is raised. Latch rod not used on machines equipped with Power-Lift.

1. Stop engine and apply parking brake.

NOTE: Support rod (A) is not used when machine is equipped with power lift. Cargo box locks into whatever position lift mechanism is in.

2. Raise cargo box and be sure support rod (A) is latched in slot (B).

3. Perform all of the following services.



W00932 -UN-21JAN93

WX,GATOR,SBI,A1-19-18FEB93

CHECK ENGINE COMPARTMENT AND OPERATOR STATION

Check for debris or refuse in engine compartment, especially around brake linkage which attaches to output shaft on each side of transaxle.

Also in brake pedal and accelerator pedal area of operator's station.



W02606 -UN-11JUL96

WX,GATORB,SBE,D-19-12JUL96

CHECK ENGINE OIL LEVEL

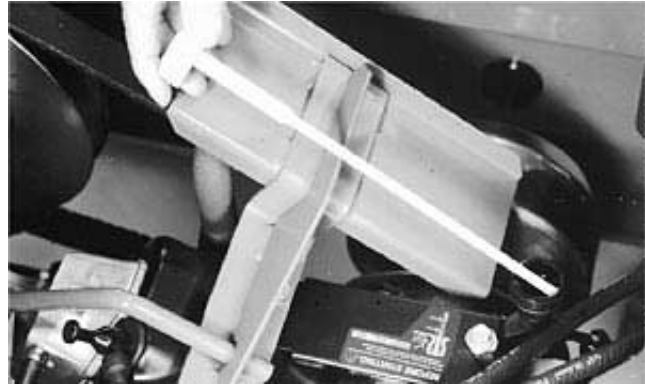
1. Park utility vehicle on a level surface.
2. Stop engine.
3. Check engine oil when oil is cold.

IMPORTANT: Engine must not be running.

4. Remove dipstick. Wipe dipstick with a clean rag.
5. Insert dipstick fully into tube (6X4), rest on threads for 4X2.
6. Remove dipstick. Check oil level on dipstick.

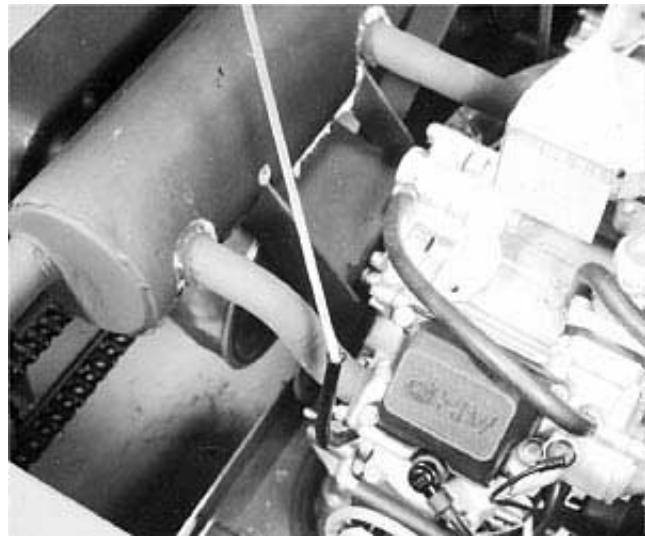
IMPORTANT: If oil level is below ADD mark, DO NOT run the engine.

7. Oil must be between ADD and FULL marks.



4 X 2

-UN-24SEP93
W01178



6 X 4

-UN-21JAN93
W00977

WX,GATOR,SBE,A1-19-16SEP93

NOTE: Dipstick and filler tube are the same tube on the 4 X 2, on the 6 X 4 the filler tube is in opposite valve cover.

8. If oil level is low, add oil to bring oil level no higher than FULL mark on dipstick. (See Engine Oil in Fuels and Lubricants section for correct oil.)

9. Install dipstick.



6 X 4

-UN-21JAN93
W00979

WX,GATOR,SBE,B -19-18FEB93

CHECK CARBURETOR AIR INTAKE

Check to be sure air intake tube through frame is free from obstructions.

Location is under passenger seat and indicated by arrow.



WX,GATORB,DT,AE-19-12JUL96

W02626
-UN-11JUL96

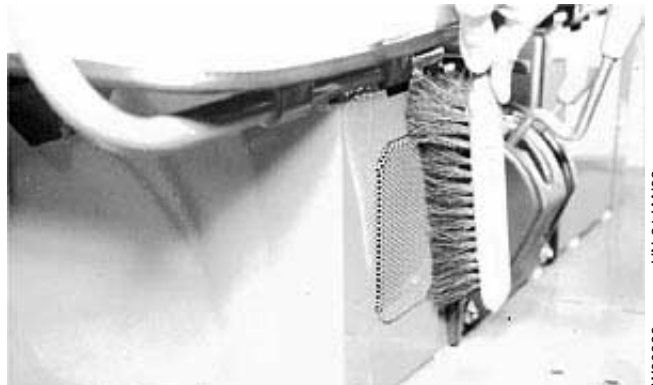
CLEANING ENGINE COOLING SCREENS

CAUTION: Stop engine and apply park brake. Help prevent bodily injury from flying debris. Clear area of bystanders and wear personal protection equipment as well as eye protection. If using compressed air for cleaning, reduce pressure to 210 kPa (30 psi).

The 4 X 2 has screen on front of panel under passenger seat only.

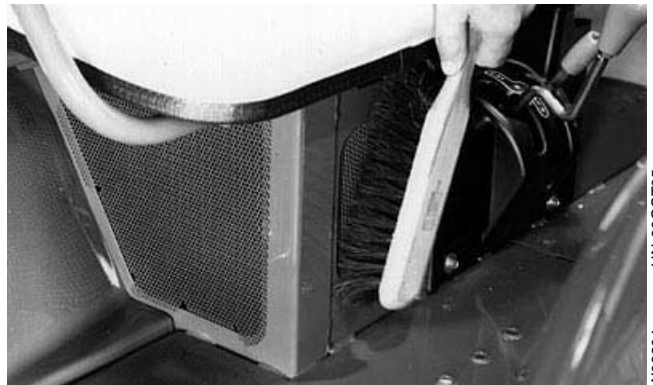
The 6 X 4 has screens on front and side of panel under passenger seat.

1. Clean screen on front with a rag, brush, or compressed air.
2. On the 6 x 4 raise passenger seat, remove side screen which is held in place by cap screw and washer.
3. Clean screen in front of radiator and also pull up filter and clean.
4. Replace screens.



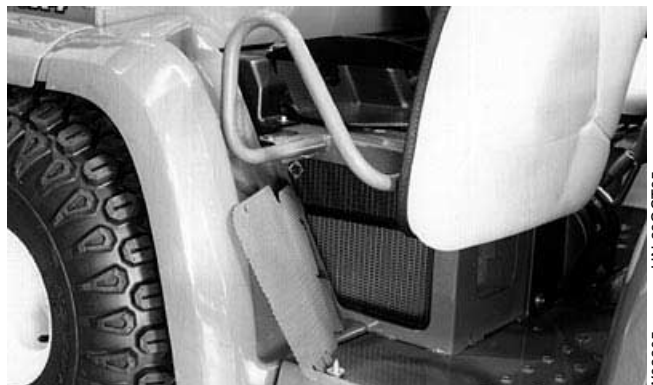
4 X 2

W00928
-UN-21JAN93



6 X 4

W02204
-UN-29OCT95



6 X 4

W02205
-UN-29OCT95

WX,GATOR,SBE,C1-19-12DEC95

25 Hours

CHECKING TIRE PRESSURE

Keep all tires inflated to 34—41 kPa (5—6 psi).

Heavy-Duty All Purpose tire inflation pressure can be as low as 27 kPa (4 psi) to provide a better ride.

Improper tire inflation can affect stability and control of vehicle.

Check tires for damage. Check tire pressure with an accurate gauge.

An accurate low pressure gauge is available, see your John Deere dealer.



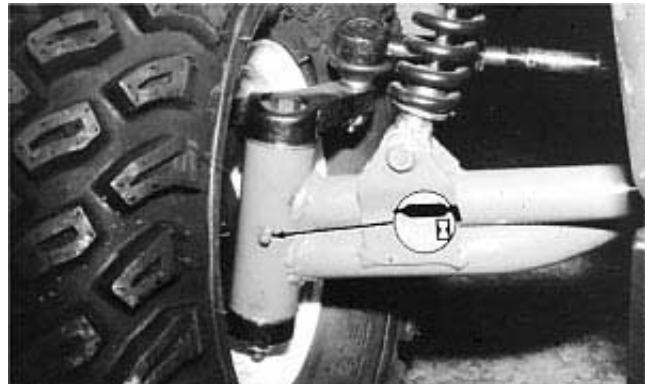
FW12233 -UN-21NOV88

WX,GATOR,S25,A -19-18FEB93

LUBRICATE FRONT KING PINS —EXTREME CONDITIONS

NOTE: In extreme conditions lubrication should be done every 25 hours. Under normal conditions, it should be done every 50 hours.

Lubricate one grease fitting on each king pin bushing with one or two shots John Deere Moly High Temperature EP Grease or an equivalent.



W00981 -UN-21JAN93

WX,DGATOR,S25,C-19-15NOV95

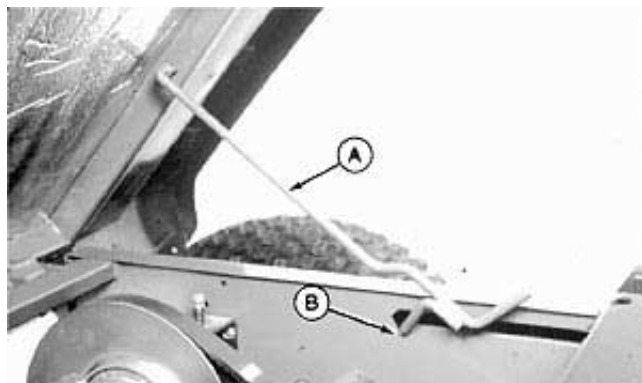
CHECK ENGINE COMPARTMENT AND BRAKE ARM AREA

CAUTION: Help prevent bodily injury due to falling cargo box, be sure support rod (A) locks into latch slot (B) when box is raised. Latch rod not used on machines equipped with Power-Lift.

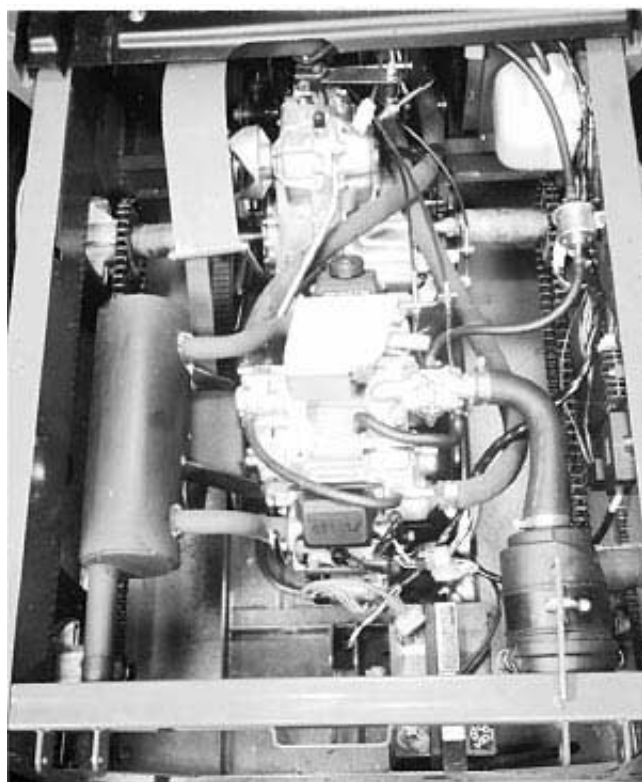
1. Stop engine and apply parking brake.

NOTE: Support rod (A) is not used when machine is equipped with power lift. Cargo box locks into whatever position lift mechanism is in.

2. Raise cargo box and be sure support rod (A) is latched in slot (B).
3. Check for debris or refuse in engine compartment.
4. Be especially aware of any obstruction to brake linkage which is attached to output shafts on both sides of transaxle.



W00932 -UN-21JAN93



W00982 -UN-23JAN93

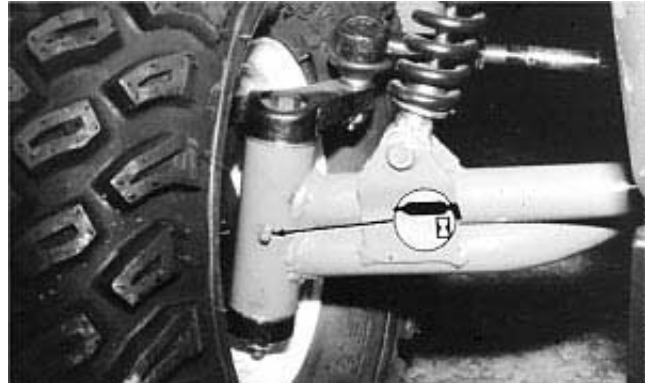
WX,GATOR,S25,B -19-18FEB93

50 Hours

LUBRICATE FRONT KING PINS —NORMAL CONDITIONS

NOTE: In extreme conditions lubrication should be done every 25 hours. Under normal conditions, it should be done every 50 hours.

Lubricate one grease fitting on each king pin bushing with one or two shots John Deere Moly High Temperature EP Grease or an equivalent.



WX,DGATOR,S50,A-19-15NOV95

W00981 -UN-21JAN93

CLEANING RUBBER DUST UNLOADING VALVE

IMPORTANT: Never operate engine without air cleaner element and rubber dust unloading valve installed.

1. Remove rubber dust unloading valve (A) and clean. Replace if damaged.



WX,GATOR,S50,J -19-18FEB93

W01015 -UN-29JAN93

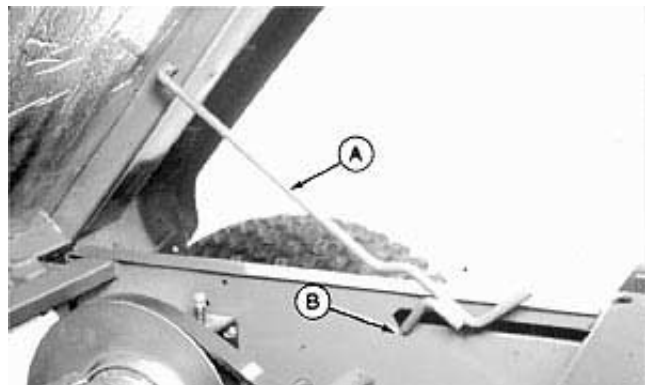
PREPARE TO SERVICE VEHICLE SAFELY

CAUTION: Help prevent bodily injury due to falling cargo box, be sure support rod (A) locks into latch slot (B) when box is raised. Latch rod not used on machines equipped with Power-Lift.

1. Stop engine and apply parking brake.

NOTE: Support rod (A) is not used when machine is equipped with power lift. Cargo box locks into whatever position lift mechanism is in.

2. Raise cargo box and be sure support rod (A) is latched in slot (B).
3. Perform all of the following services.



WX,GATOR,SBI,A1-19-18FEB93

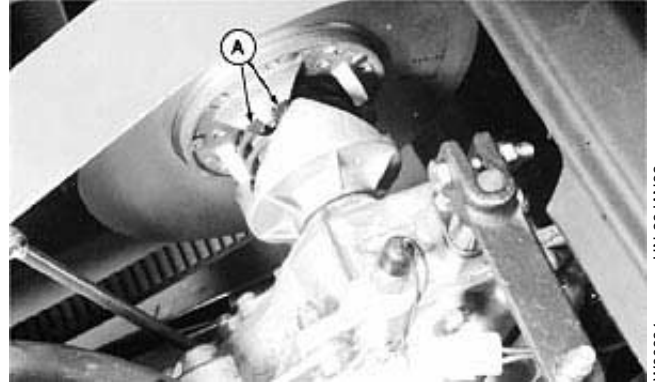
W00932 -UN-21JAN93

CHECK WEAR PADS DRIVEN CLUTCH

Check for missing or worn wear pads (A).

There should not be any excessive wear or metal to metal contact.

If replacement is necessary, see your John Deere dealer or, see the Technical Manual for this vehicle.



WX,GATOR,S50,B -19-18FEB93

W00984
-UN-25JAN93

CHECKING DRIVE CHAIN SLACK 6 X 4 ONLY

1. Park utility vehicle on level surface. Stop engine, do not engage parking brake.
2. Raise all four utility vehicle rear wheels off the surface. Place safety stands under utility vehicle.
3. Raise box and be sure support rod is in latch.
4. Rotate rear wheels toward each other so that chain slack is at top.
5. With straight edge across top of sprockets measure distance to top of chain.
6. Slack should be 13 to 38 mm (0.5 to 1.5 in.).
7. See Adjusting Drive Chain Tension in Service/As Necessary section for adjustment procedure.



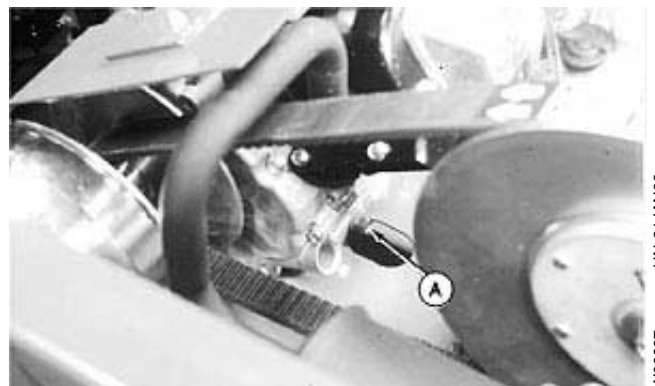
WX,GATORB,SBI,C-19-12JUL96

W00969
-UN-21JAN93

CHANGE ENGINE OIL 4X2 ENGINE WITHOUT FILTER

NOTE: Change engine oil every 50 hours (engine without filter), extremely dusty conditions will require oil changes more frequently, as often as 25 hours.

1. Place pan under machine at drain plug hole.
2. Remove plug (A), drain crankcase, replace plug and refill.



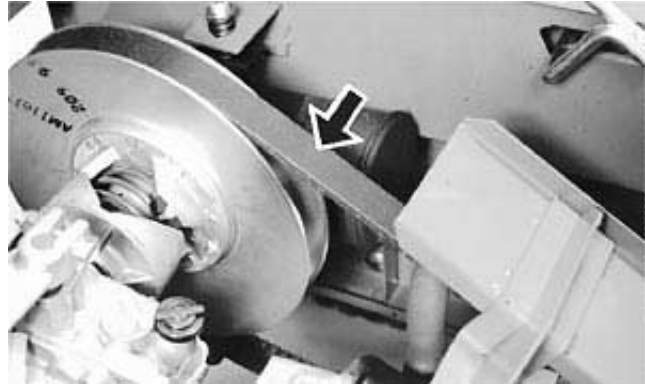
WX,GATOR,S50,D -19-18FEB93

W00967
-UN-21JAN93

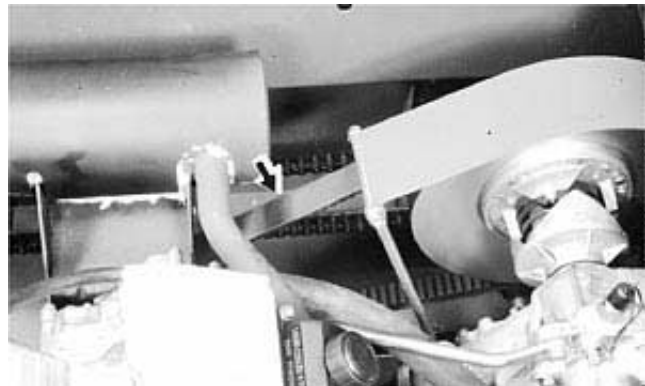
CHECKING BELT CONDITION

CAUTION: Help prevent bodily injury due to entanglement in belt or pulley. Stop engine and engage parking brake before checking belt.

1. Stop engine and apply parking brake.
2. Check belt for wear and damage.
3. Width of belt on top surface should be minimum of 27 mm (1.06 in.).
4. If belt width is less than 27 mm (1.06 in) replace drive belt.



4 X 2



6 X 4

WX,GATOR,SBI,B2-19-16SEP93

W01174 -UN-24SEP93

W00968 -UN-21JAN93

CHECKING AND CLEANING BATTERY

CAUTION: 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.

If you spill acid on yourself:

1. Flush you skin with water.
2. Apply baking soda or lime to help neutralize the acid.
3. Flush your eyes with water for 10—15 minutes.

Get medical attention immediately.

If acid is swallowed:

1. Drink large amounts of water or milk.
2. Then drink milk of magnesia, beaten eggs, or vegetable oil.
3. Get medical attention immediately.

Keep battery clean by wiping with a damp cloth. Keep all connections clean and tight. Remove any corrosion, and wash terminals with a solution of one part baking soda and four parts water.

IMPORTANT: Do not add water in freezing weather unless utility vehicle will be run at least 30 minutes to assure thorough mixing.



⚠ DANGER

EXPLOSIVE GASES Cigarettes, flames or sparks could cause battery to explode. Always shield eyes and face from battery. Do not charge or use booster cables or adjust post connections without proper instruction and training. Keep vent caps tight and level.

POISON

CAUSES SEVERE BURNS Contains sulfuric acid. Avoid contact with skin, eyes or clothing. In event of accident, flush with water and call a physician immediately. Keep out of reach of children.

-UN-23AUG88

TS204

-UN-29JAN93

W00985

-19-10OCT89

W15131

WX,GATOR,S50,F -19-18FEB93

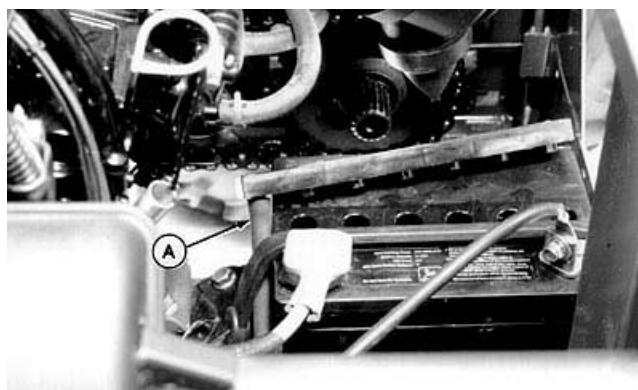
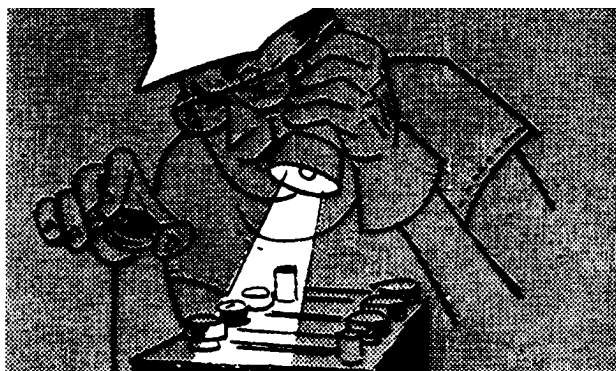
CHECKING ELECTROLYTE LEVEL

CAUTION: Help prevent bodily injury due to acid burns. 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.

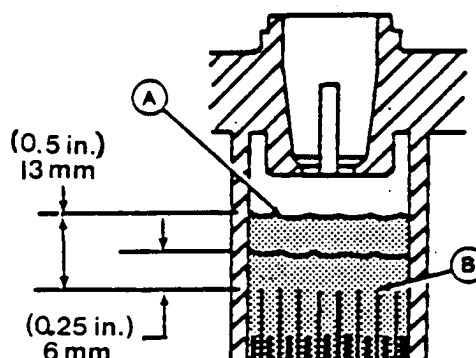
1. Remove battery cap, be sure breather tube (A) does not come off.



WX,DGATOR,S50,G-19-15NOV95

IMPORTANT: DO NOT fill cells to the bottom of the filler neck. Electrolyte can overflow when battery is charged and cause damage.

2. Electrolyte (A) should be 6—13 mm (0.25—0.5 in.) above plates (B).
3. If necessary, add distilled water.
4. Install caps.

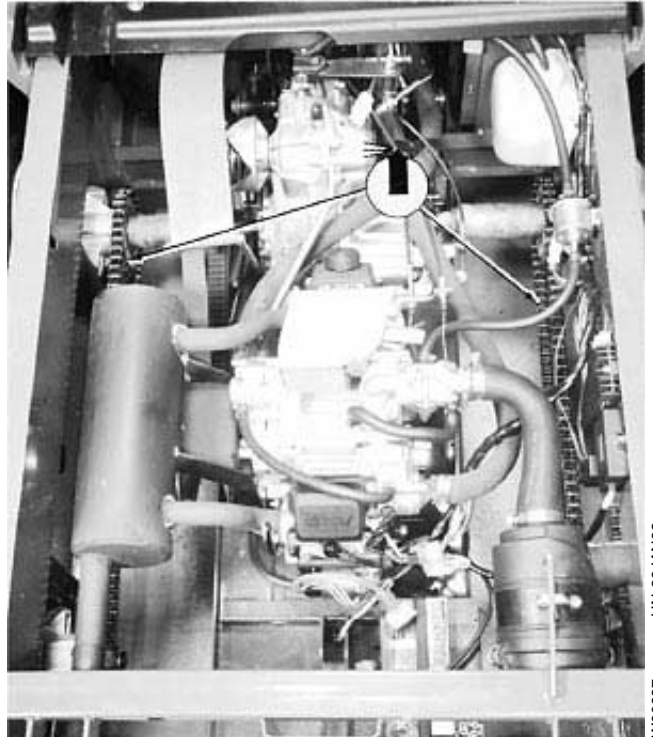


WX,GATOR,S50,H -19-18FEB93

LUBRICATING DRIVE CHAIN 6X4 ONLY

NOTE: If operating conditions are dusty, use of a DRY lube is suggested.

1. Spray John Deere TY6240 Chain Lube or an equivalent on external surface of chain.
2. Lower cargo box.



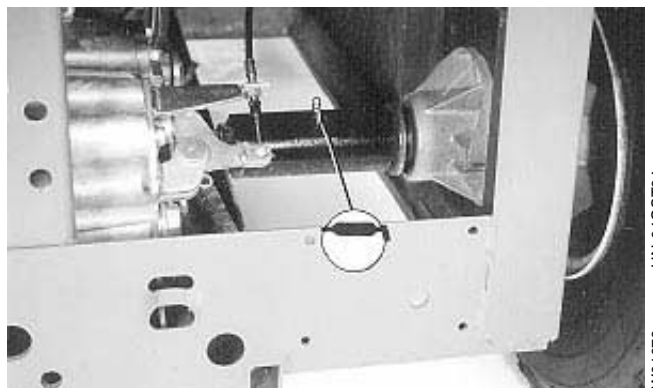
W00987
-UN-29JAN93

WX,GATOR,S50,I -19-18FEB93

LUBRICATE TRANSAXLE COUPLERS NORMAL CONDITIONS

NOTE: In extreme operating conditions, lubrication should be done every 25 hours. Under normal conditions, it should be done every 50 hours.

Lubricate one fitting on each side of transaxle.



W01676
-UN-04OCT94

WX,GATOR,S50,K -19-19OCT94

100 Hours

PREPARE TO SERVICE VEHICLE SAFELY

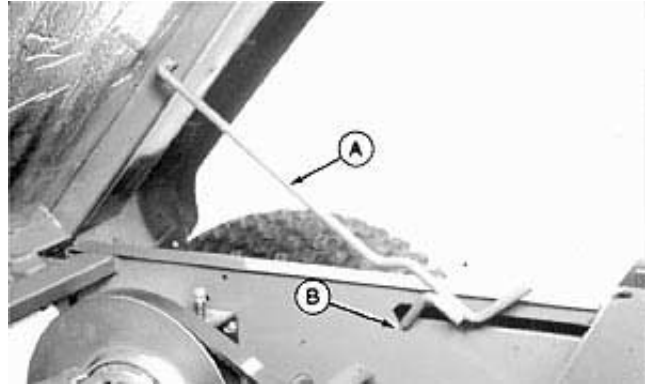
CAUTION: Help prevent bodily injury due to falling cargo box, be sure support rod (A) locks into latch slot (B) when box is raised. Latch rod not used on machines equipped with Power-Lift.

1. Stop engine and apply parking brake.

NOTE: Support rod (A) is not used when machine is equipped with power lift. Cargo box locks into whatever position lift mechanism is in.

2. Raise cargo box and be sure support rod (A) is latched in slot (B).

3. Perform all of the following services.



W00932 -UN-21JAN93

WX,GATOR,SBI,A1-19-18FEB93

CHECKING SPARK ARRESTOR

CAUTION: To help prevent bodily injury from burns, stop engine and allow engine and muffler exhaust pipe to cool before checking spark arrestor.

Check to be sure screen deflector (A) in end is not plugged or deteriorated.

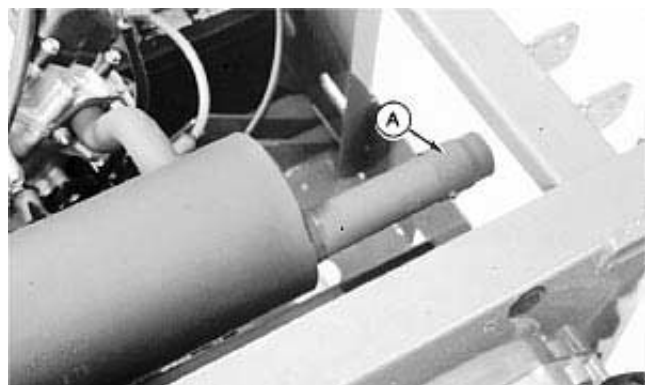
Spark arrestor can be removed and cleaned with compressed air.

Replace if necessary.



4 X 2

W00995 -UN-29JAN93



6 X 4

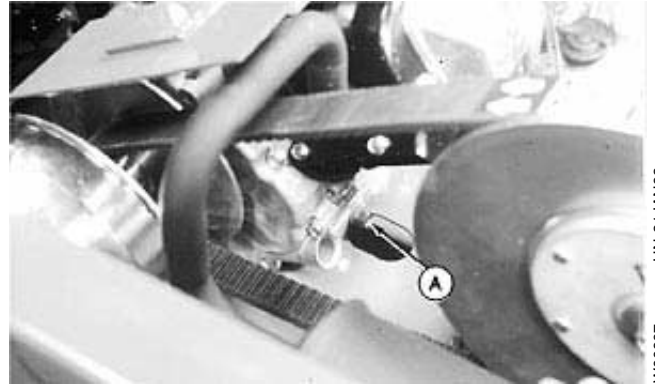
W01181 -UN-24SEP93

WX,GATOR,S100,S-19-12DEC95

CHANGE ENGINE OIL ENGINE WITH FILTER

NOTE: Change engine oil every 100 hours (engine with filter) and change filter every 200 hours. Extremely dusty conditions will require oil changes more frequently, as often as 25 hours.

1. Park utility vehicle on a level surface.
 2. Run engine to warm the oil.
 3. Stop engine.
 4. Place drain pan under machine to catch draining oil.
 5. For 4 X 2 remove plug (A), drain crankcase, replace plug and refill.
 6. For 6 X 4 route drain tube (B) through hole in floor plate and turn petcock valve (C) to drain crankcase.
 7. Replace oil filter (D).
 8. Close petcock valve, pull hose back from hole in floor plate and refill engine with oil, for 4X2 replace plug.
 9. Remove dipstick from filler hole.
 10. Add John Deere PLUS-4 Engine Oil or other oil specified in Fuels and Lubricants section.
- For 4 x 2 add 1.1 L (1.2 qt.)
- For 6 x 4 add 1.3 L (1.4 qt.)
11. Check oil level,
 - for 6X4 insert dipstick fully into tube
 - for 4X2 rest distick on threads
 12. Oil level must be between ADD and FULL marks.
 13. Install dipstick.



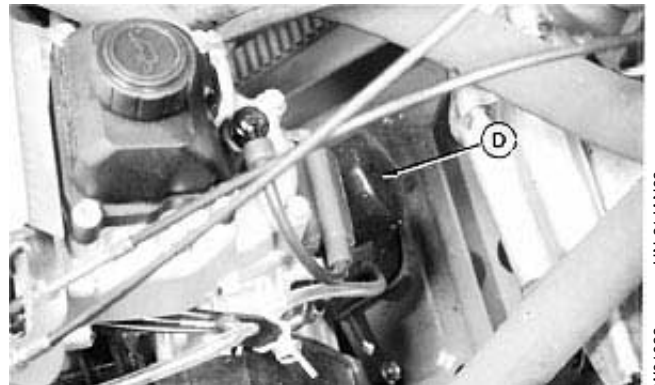
4 X 2

W00967 -UN-21JAN93



6 X 4

W01032 -UN-21JAN93



6 X 4

W01033 -UN-21JAN93

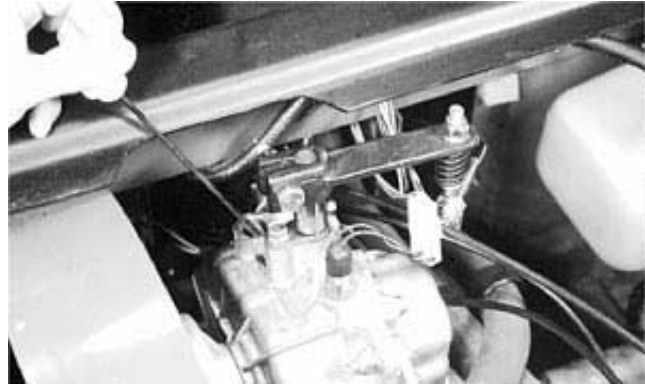


6 X 4

W00979 -UN-21JAN93

CHECKING TRANSAXLE OIL

1. Park utility vehicle on level surface.
2. Check oil level when transaxle is cold.
3. Remove dipstick and wipe clean.
4. Check oil level by screwing dipstick fully into transaxle case then remove dipstick.
5. If oil level is low add J20C Hygard or equivalent oil to "FULL" mark on dipstick.
6. Install and tighten dipstick.



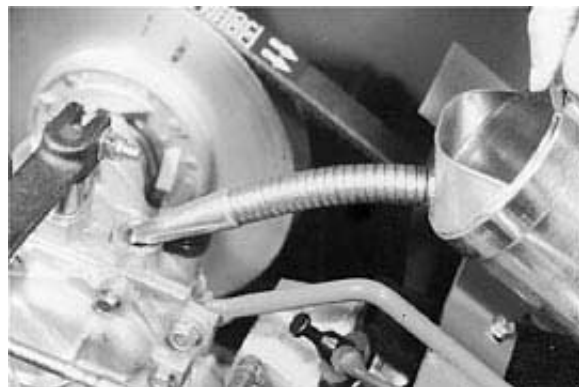
6 X 4

W00988 -UN-29JAN93



4 X 2

W01175 -UN-24SEP93



4 X 2

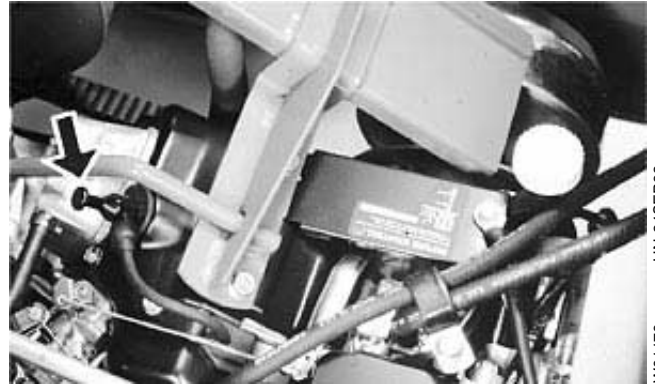
W01098 -UN-19APR93

WX,GATOR,S100,T-19-12DEC95

CHECKING SPARK PLUG

CAUTION: To help prevent bodily injury from burns, stop engine and allow engine and muffler exhaust pipe to cool before removing spark plug.

1. Disconnect spark plug wire.



4 X 2

W01176
-UN-24SEP93



6 X 4

W00991
-UN-29JAN93

WX,GATOR,S100,Q-19-16SEP93

2. Remove spark plug.
3. Clean spark plug carefully with a wire brush.
4. Inspect spark plug for cracked porcelain, pitted or damaged electrodes and other wear or damage.

NOTE: In Canada, replace with resistor spark plug only.

5. Replace spark plug if necessary.



6 X 4

W00993
-UN-29JAN93

WX,GATOR,S100,H-19-18FEB93

6. Check plug gap with a wire feeler gauge.
7. Gap must be 0.64 mm (0.025 in.).
8. To change gap, move the outer electrode.
9. Install and tighten spark plug to 20 N·m (15 lb-ft).
10. Connect spark plug wire.
11. Lower box.



M33906 -UN-07SEP88

WX,622,4S100,I -19-12JUN89

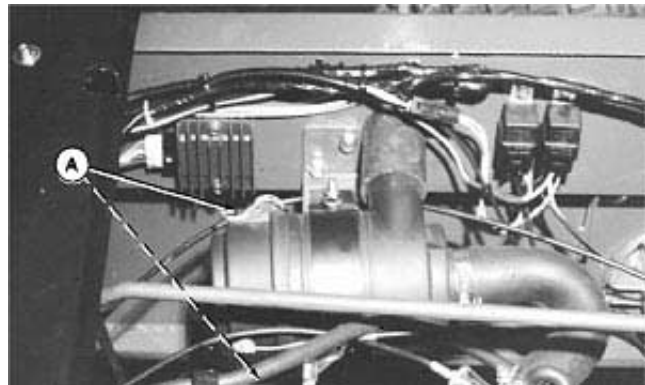
CHECKING AND REPLACING AIR CLEANER STANDARD ELEMENT

⚠ CAUTION: Help prevent bodily injury due to burns. Stop engine and allow engine, exhaust pipe and muffler to cool before removing element.

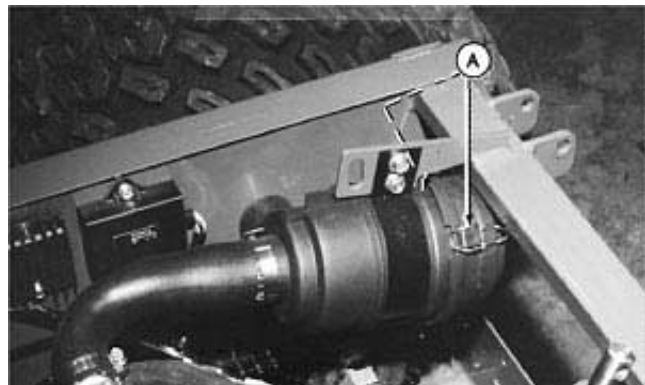
Help prevent bodily injury due to entanglement in belt or drives, stop engine before servicing air cleaner.

NOTE: An Air Restriction Indicator is available (6X4 only), see "Attachments" section.

1. Release latches (A).



W00996 -UN-29JAN93

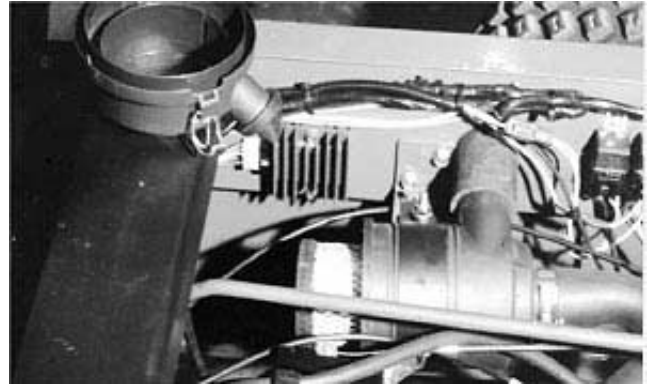


W00997 -UN-29JAN93

WX,GATOR,S100,J-19-18FEB93

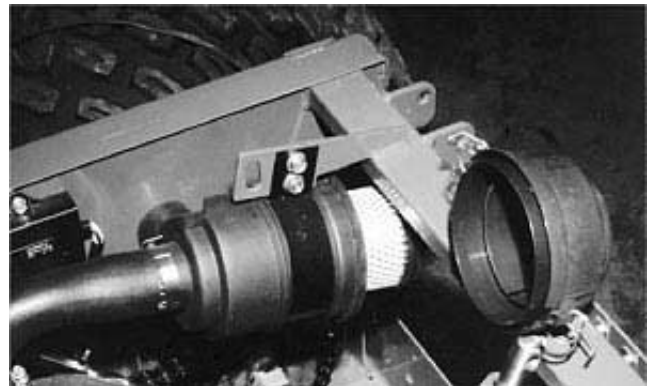
IMPORTANT: If GATOR is operated in dusty environment or conditions, element should be checked more often.

2. Remove the element and replace with a new one.
3. Install cover and engage latches.
4. Release support rod and lower cargo box.



4 X 2

W01038 -UN-29JAN93



6 X 4

W01192 -UN-28SEP93

WX,GATOR,S100,R-19-22SEP93

200 Hours

PREPARE TO SERVICE VEHICLE SAFELY

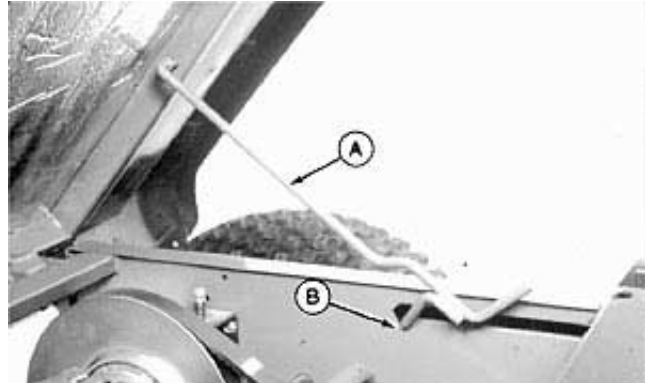
⚠ CAUTION: Help prevent bodily injury due to falling cargo box, be sure support rod (A) locks into latch slot (B) when box is raised. Latch rod not used on machines equipped with Power-Lift.

1. Stop engine and apply parking brake.

NOTE: Support rod (A) is not used when machine is equipped with power lift. Cargo box locks into whatever position lift mechanism is in.

2. Raise cargo box and be sure support rod (A) is latched in slot (B).

3. Perform all of the following services.

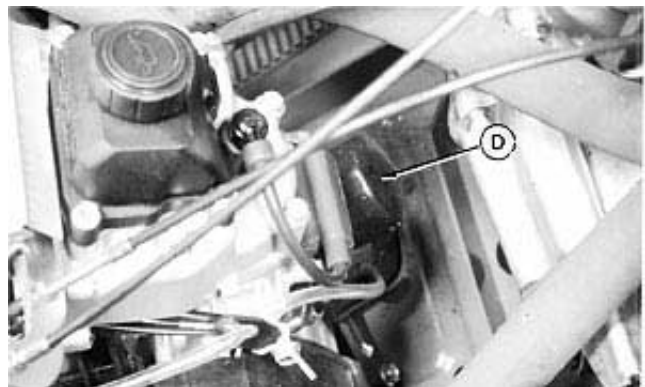


W00932 -UN-21JAN93

WX,GATOR,SBI,A1-19-18FEB93

CHANGE ENGINE OIL FILTER

Change engine oil filter (D) every 200 hours. Refer to "Change Engine Oil Engine with Filter in Service 100 Hour section.



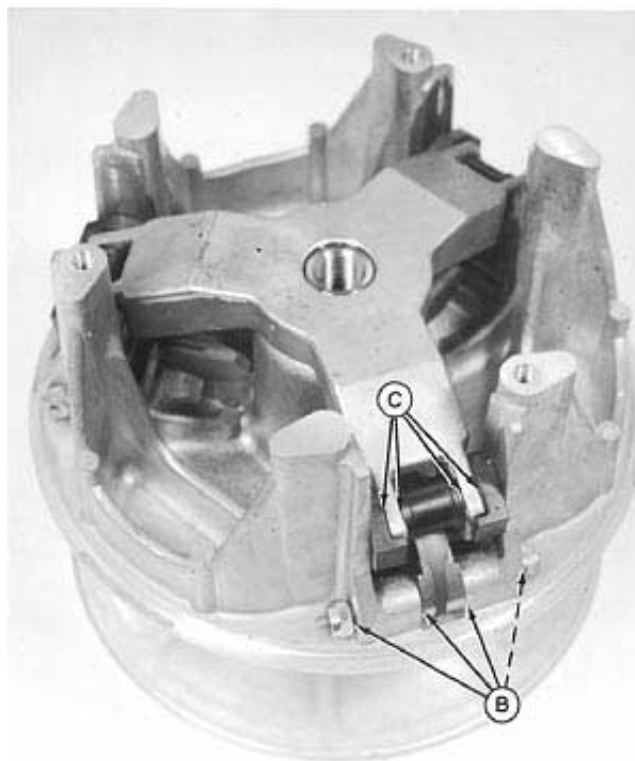
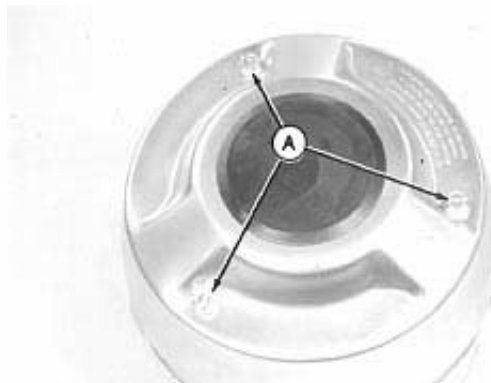
W01033 -UN-21JAN93

WX,GATOR,S200 -19-18FEB93

CLEANING AND LUBRICATING DRIVE CLUTCH

NOTE: Clutch is shown off machine for clarity.

1. Remove screws (A) and take cover off clutch.
2. Blow out clutch and cover using compressed air.
3. Lubricate cam weight pivots (B) and roller pivots (C) using John Deere SUPERLUBE[®], with TEFLON[®] spray lube or an equivalent.



*SUPERLUBE[®] is a Registered Trademark of Synco Chemical Corp.
TEFLON[®] is a Registered Trademark of DuPont Chemical.*

WX,GATOR,SYR,K1-19-16APR93

W01042
-UN-22JAN93

W01083
-UN-17FEB93

TIGHTENING WHEEL HARDWARE

Tighten hardware,

—after first 10 hours operation

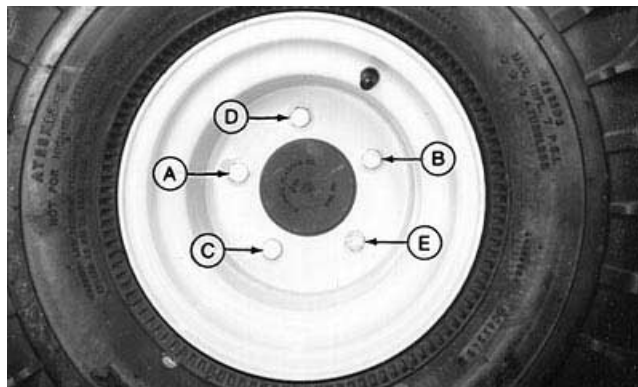
—after every 200 hours operation

Install wheel bolts on drive wheels (valve stem to outside) making sure beveled sides face inward, and tighten in proper sequence (A), (B), (C), (D) and (E) as illustrated, alternately and evenly until “snug”.

Tighten bolts to 100 N·m (75 lb-ft) on drive wheels.

IMPORTANT: Overtightening of front wheel bolt may result in bearing damage.

Tighten front wheel bolts to 90 N·m (65 lb-ft).



W02296 -UN-13NOV95

WX,DGATOR,SBI,D-19-15NOV95

Yearly

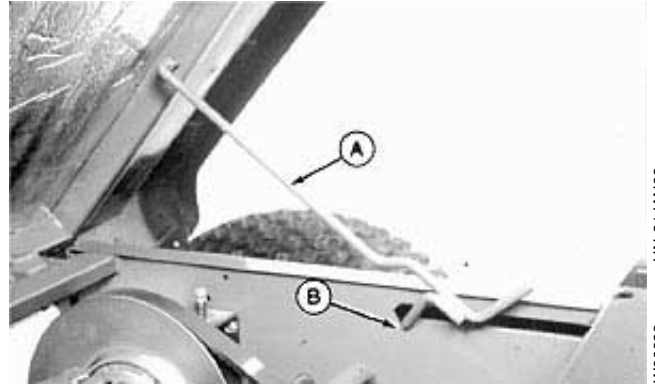
PREPARE TO SERVICE VEHICLE SAFELY

⚠ CAUTION: Help prevent bodily injury due to falling cargo box, be sure support rod (A) locks into latch slot (B) when box is raised. Latch rod not used on machines equipped with Power-Lift.

1. Stop engine and apply parking brake.

NOTE: Support rod (A) is not used when machine is equipped with power lift. Cargo box locks into whatever position lift mechanism is in.

2. Raise cargo box and be sure support rod (A) is latched in slot (B).
3. Perform all of the following services.

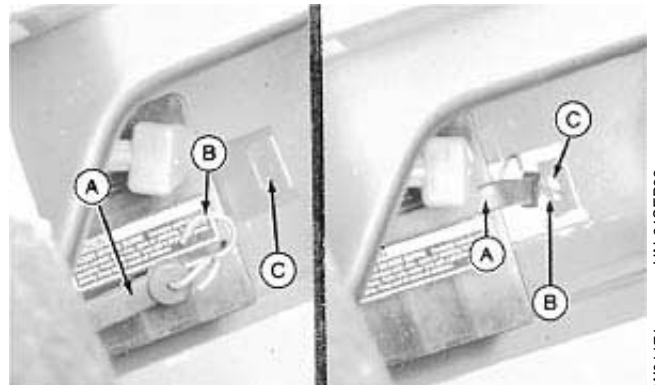


W00932 -UN-21JAN93

WX,GATOR,SBI,A1-19-18FEB93

REMOVING AND REPLACING BATTERY HOLD-DOWN STRAP

1. Stretch rubber strap (A), pull over top of battery and push down.
2. Remove "S" hook (B) from slot (C).
3. To replace, reverse procedure.



W01171 -UN-24SEP93

WX,GATOR,SYR,A1-19-16SEP93

CLEANING BATTERY

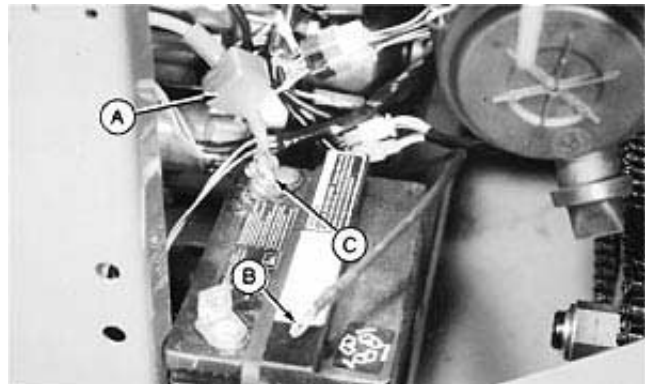
CAUTION: Help prevent bodily injury due to acid burns, gas given off by batteries is explosive. Keep sparks and flames away.

NOTE: Battery for 4 X 2 is under passenger seat. Remove cap from air cleaner, lift battery over crossmember and lower to ground under machine.

1. Slide positive post protective cover (A) up cable away from terminal.
2. Remove negative (black) cable (B) from battery first.
3. Remove positive (red) cable (C).



4 X 2



6 X 4

WX,GATOR,SYR,B1-19-12DEC95

4. Clean battery with brush or cloth. Keep dirt out of battery cells.
5. Remove corrosion from battery terminals and cable ends with a wire brush.



WX,GATOR,SYR,C -19-18FEB93

6. If battery is very dirty, remove battery.
7. Clean battery, battery terminals, cable ends, battery box, drain tube and all parts with a solution of one part baking soda to four parts water. DO NOT allow solution to enter battery cells.
8. Rinse all parts with clean water and allow to dry.



WX,GATOR,SYR,D -19-18FEB93

9. Install battery.

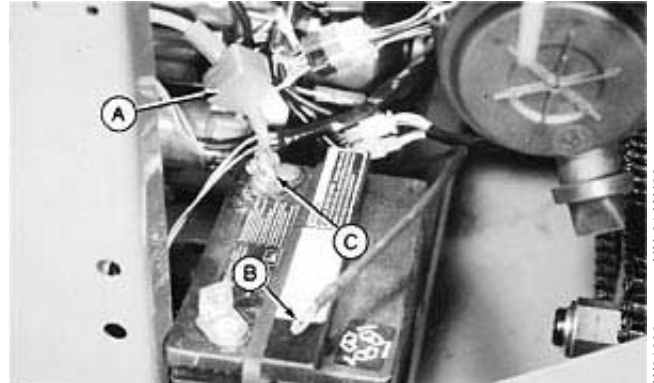
10. Check cell cap to be sure drain tube is clear.

IMPORTANT: Be sure drain tube is routed through bottom of frame to be sure no battery acid will come in contact with any parts in engine compartment.

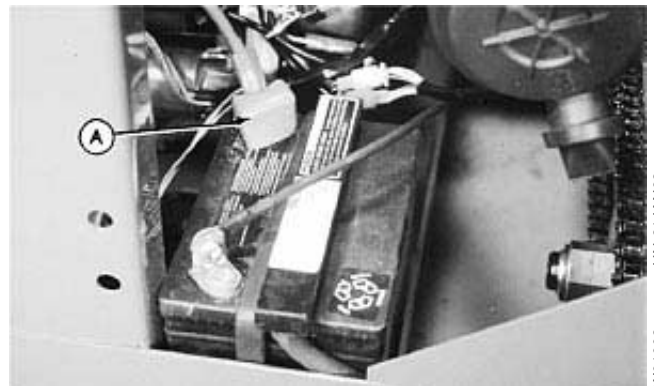
11. Connect positive (red) cable (C) to battery first, then negative (black) cable (B).

12. Apply petroleum jelly on battery terminals.

13. Slide battery positive terminal protective cover (A) down over terminal.



W01000
-UN-21JAN93



W01002
-UN-21JAN93

WX,GATOR,SYR,E1-19-16SEP93

CLEANING ENGINE FINS 4X2 ONLY

1. Disconnect spark plug wire.

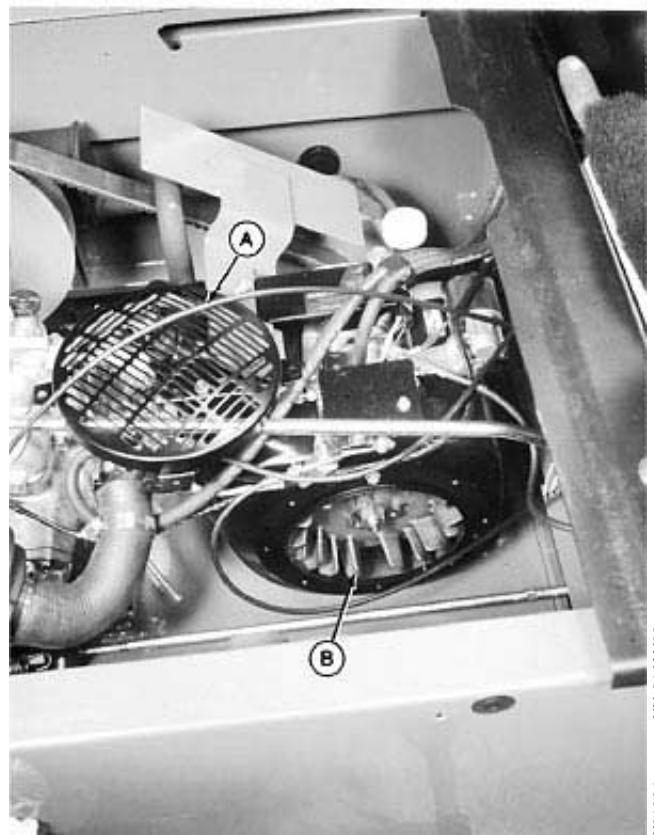
2. Remove four cap screws from shroud (A).

CAUTION: To help prevent injury from foreign particles, reduce compressed air to less than 210 kPa (30 psi) when using for cleaning purposes. Clear area of bystanders, and wear personal protection equipment including eye protection to guard against flying particles.

3. Use a brush or compressed air to clean fins (B).

4. Replace shroud.

5. Connect spark plug wire.

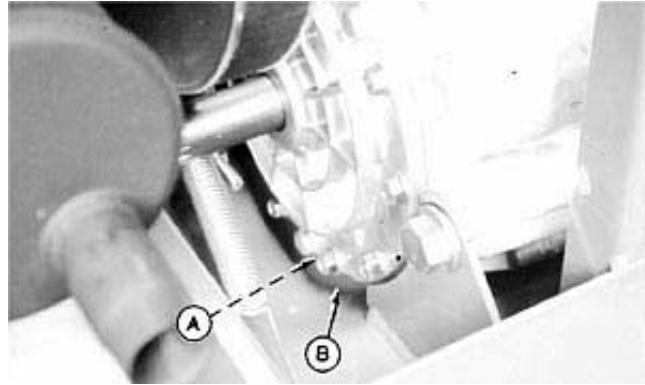


W01004
-UN-21JAN93

WX,GATOR,SYR,F -19-18FEB93

CHANGING TRANSAXLE OIL

1. Be sure utility vehicle is on level surface.
2. Remove drain plug (A). Access drain plug from underside of machine through slot (B).
3. After all oil is drained install and tighten plug.



4 X 2 Shown

W01005 -UN-21JAN93

WX,GATOR,SYR,G -19-18FEB93

4. Remove dipstick and wipe clean.



W01175 -UN-24SEP93

WX,GATOR,SYR,H2-19-16SEP93

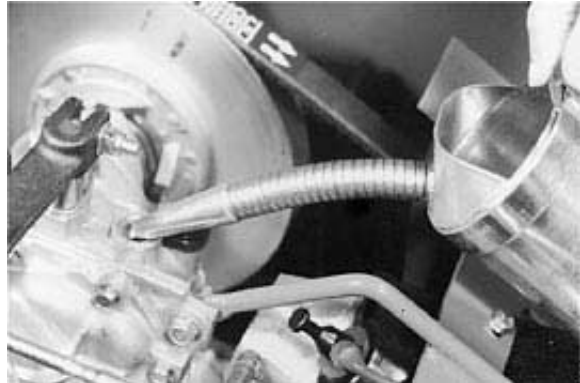
6. Add approximately 4.5 L (4.75 qt.) of John Deere J20C Hygard oil

7. Check oil level by screwing dipstick fully into transaxle case then remove dipstick.

8. Wait for 2 minutes then recheck oil level. Add oil if necessary.

9. Install dipstick and tighten.

10. Lower cargo box.

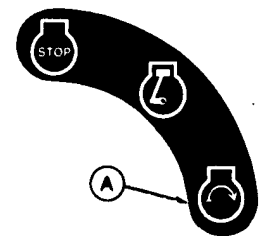
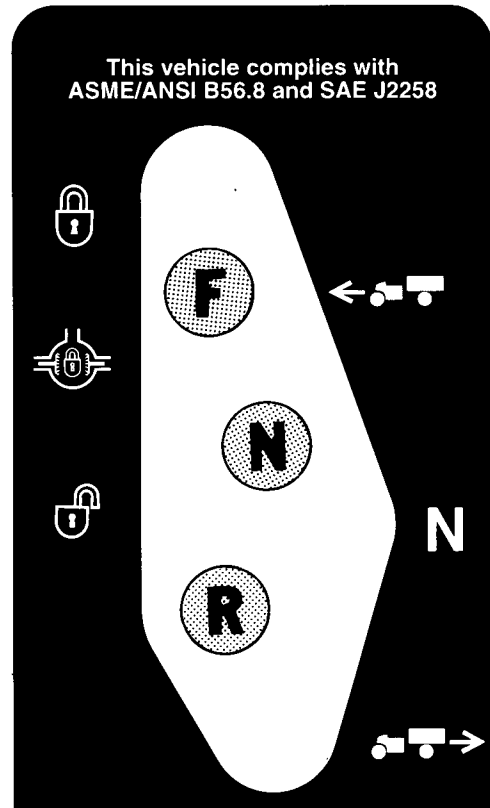
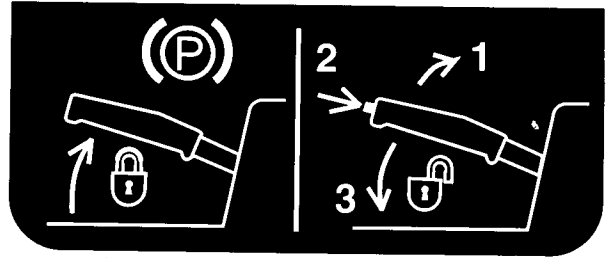


WX,GATOR,SYR,I3-19-12DEC95

CHECKING NEUTRAL SAFETY START SYSTEM

CAUTION: Help prevent possible injury from operating unsafe vehicle, if utility vehicle does not pass test, do not operate utility vehicle. (See your John Deere dealer.)

1. Sit on seat.
2. Engage parking brake.
3. Move transaxle shift lever out of N (Neutral) position to F (Forward).
4. Turn key to START position (A).
5. Engine must NOT crank.
6. Move transaxle shift lever out of N (Neutral) position to R (Reverse).
7. Repeat steps 4 and 5.
8. If engine DOES crank in either position, see your John Deere dealer.



As Necessary

CLEANING AND POLISHING PLASTIC HOOD AND FENDERS

IMPORTANT: To keep scratches on plastic parts to minimum, do not rub or brush off any parts with bare hands, use a soft cloth (i.e. cheesecloth) or a light flow of compressed air. For dirt, wash with steady stream of water only (no detergent), then blow off excess water with air.

1. Remove excess dust or dirt.
2. When surface is dry, spray on PLEDGE® and leave for 30 to 60 seconds.
3. Using a dry soft cloth (i.e. cheesecloth) wipe off to bring up lustre.

PLEDGE® is a Registered Trademark of S.C Johnson, Co.

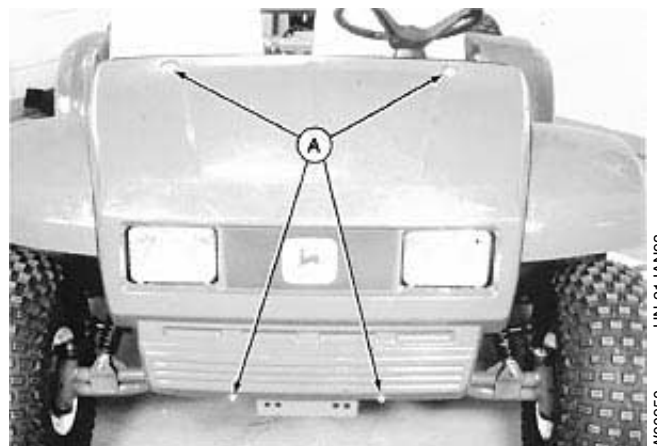
WX,GATOR,AS,P -19-22SEP93

REPLACING HEADLIGHT HOUSING

1. Remove self-tapping screws (A) and lift hood up and off vehicle.

IMPORTANT: Help prevent the possibility of premature failure of headlight bulbs due to hood contacting headlight housing. When re-installing hood be sure there is clearance all around headlight housing.

2. To replace, tighten top screws first then push hood upward leaving space all around headlight housings.
3. Tighten bottom screws.

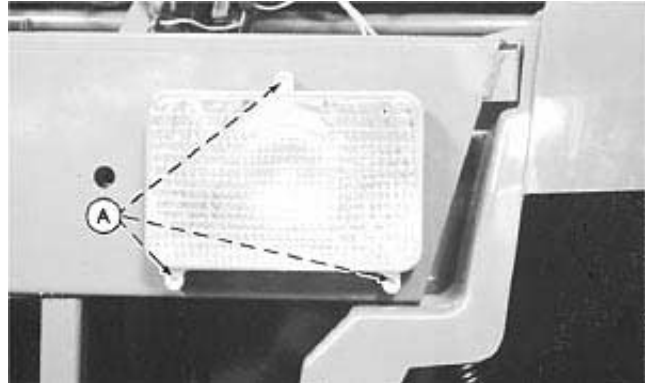


W00950
-UN-21JAN93

WX,GATOR,SN,A1 -19-16APR93

As Necessary

2. Disconnect bulb socket from housing.
3. Remove screws (A).
4. Install new assembly and install screws.

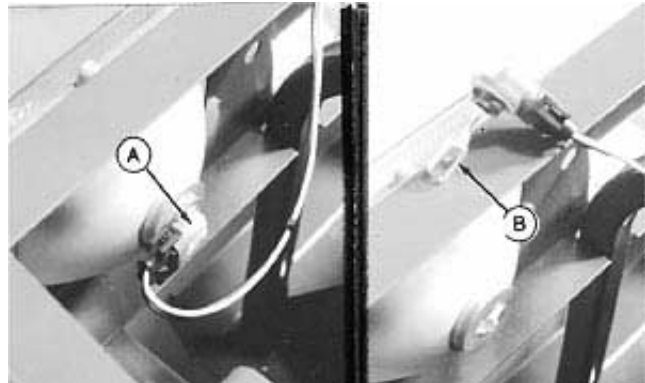


WX,GATOR,SN,B -19-18FEB93

W01007
-UN-21JAN93

REPLACING HEADLIGHT BULB

1. Rotate bulb socket (A) 1/3 turn and remove from housing.
2. Install new bulb (B) and install socket in housing.

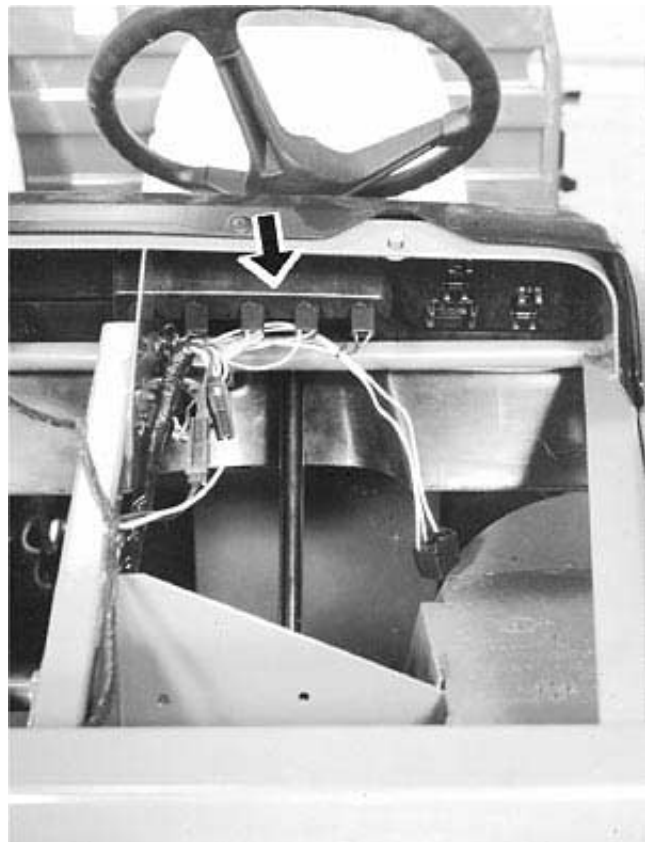


WX,GATOR,SN,C -19-18FEB93

W01008
-UN-21JAN93

REPLACING FUNCTION INDICATOR BULBS

1. Remove socket with defective bulb by turning 1/4 turn and pull bulb straight out.
2. Replace bulb and install socket back into rear of dash panel.



WX,GATOR,SN,J -19-18FEB93

W01009
-UN-22JAN93

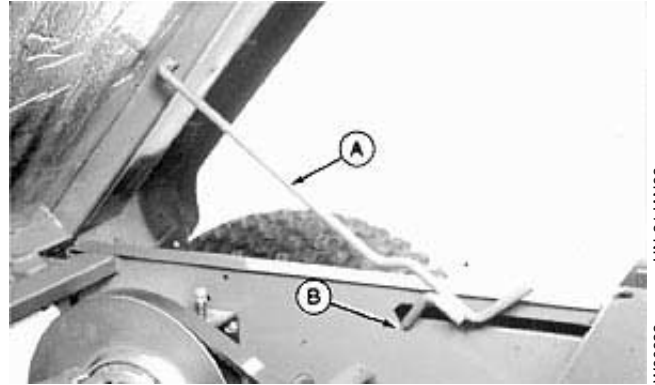
PREPARE TO SERVICE VEHICLE SAFELY

⚠ CAUTION: Help prevent bodily injury due to falling cargo box, be sure support rod (A) locks into latch slot (B) when box is raised. Latch rod not used on machines equipped with Power-Lift.

1. Stop engine and apply parking brake.

NOTE: Support rod (A) is not used when machine is equipped with power lift. Cargo box locks into whatever position lift mechanism is in.

2. Raise cargo box and be sure support rod (A) is latched in slot (B).
3. Perform all of the following services.



W00932
-UN-21JAN93

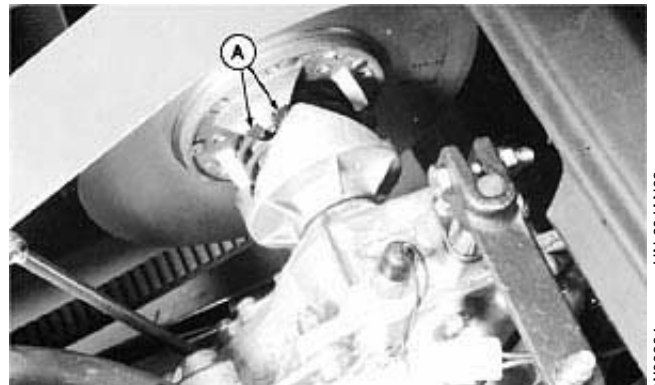
WX,GATOR,SBI,A1-19-18FEB93

CHECK WEAR PADS DRIVEN CLUTCH

Check for missing or worn wear pads (A).

There should not be any excessive wear or metal to metal contact.

If replacement is necessary, see your John Deere dealer or, see the Technical Manual for this vehicle.



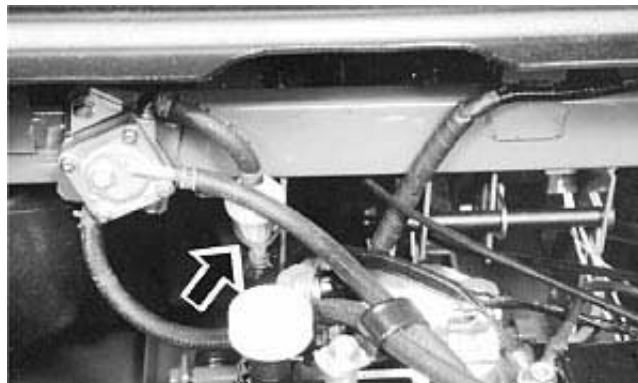
W00984
-UN-23JAN93

WX,GATOR,S50,B -19-18FEB93

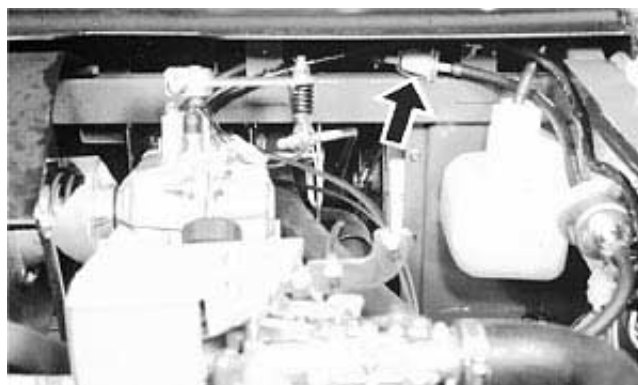
CHECK FUEL FILTER

Check fuel filter and change when dirty or plugged.

When installing new filter, check directional arrow for fuel flow.



4 X 2



6 X 4

WX,GATOR,SN,K1 -19-16SEP93

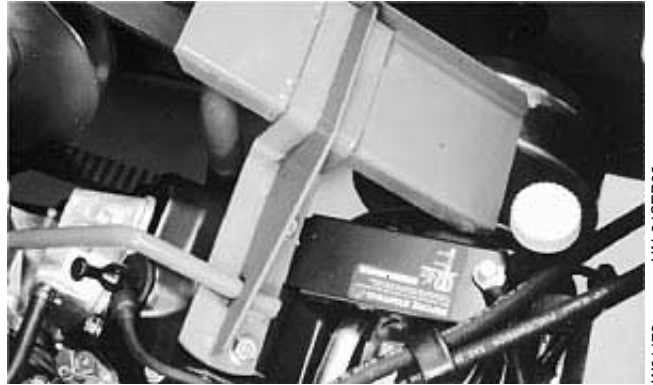
W01044 -UN-29JAN93

W01180 -UN-24SEP93

REPLACING DRIVE BELT

NOTE: Belt shield is removed for clarity.

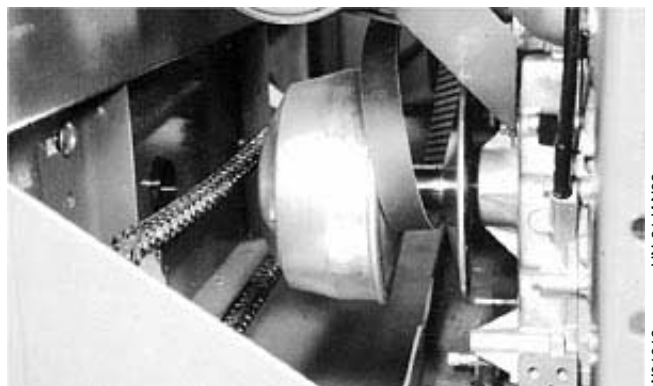
1. If belt shields are removed, they must be replaced before operating vehicle.
2. Route belt over outer pulley of driven clutch.
3. Remove belt from drive pulley.
4. To replace belt, reverse above.



4 X 2



6 X 4



ADJUSTING DRIVE CHAIN SLACK 6 X 4 ONLY

NOTE: Check tire circumference, largest circumference tires should be mounted on the rearmost axle.

1. Park utility vehicle on level surface. Stop engine, do not engage parking brake.
2. Raise all four utility vehicle rear wheels off the surface. Place safety stands under utility vehicle.
3. Raise box and be sure support rod is latched.

CAUTION: Help prevent bodily injury due to entanglement in drive chain, shut off engine before adjusting chain.

4. Rotate rear wheels toward each other so that chain slack is at top.
5. With straight edge across top of sprockets measure distance to top of chain.
6. Slack should be 13 to 38 mm (0.5 to 1.5 in.).

IMPORTANT: To avoid stripping threads from adjustment bolt (C), housing bolts (A) must be loosened before turning adjustment bolt.

7. Loosen four bolts (A) just enough so that axle housing (B) can slide easily back and forth.
8. Turn adjustment bolt (C) to remove chain slack.

IMPORTANT: If chain is too tight, it may be damaged. All slack should be out of chain without chain being tight. Check chain slack again after you tighten axle housing bolts.

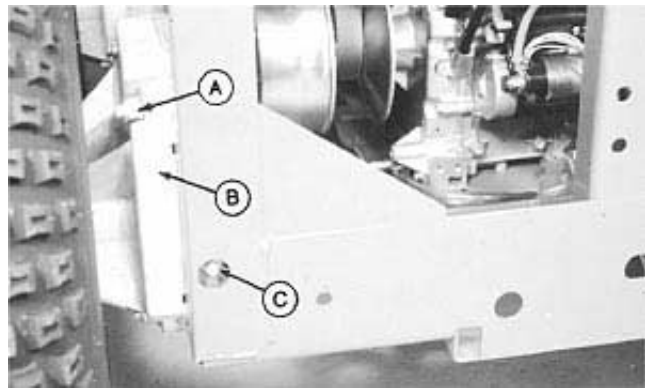
9. Tighten axle housing bolts (A) to 90 N·m (70 lb-ft). Then back off bolt (C) one half turn to relieve force on bolt.
10. Check chain slack again.

IMPORTANT: Chain slack must be the same on both sides of vehicle.

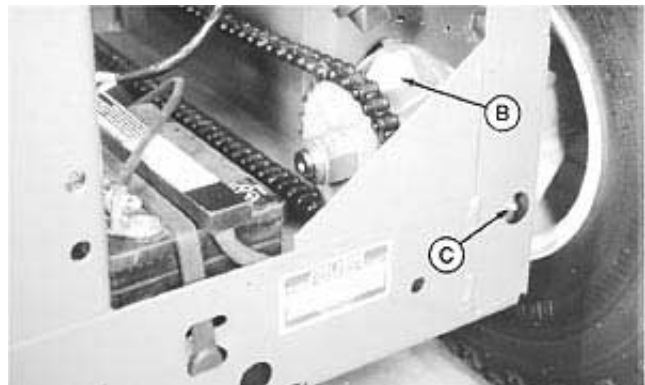
11. Check and adjust chain slack on opposite side.
12. Lower utility vehicle to ground.



W00969 -UN-21JAN93



W01014 -UN-21JAN93



W01016 -UN-21JAN93

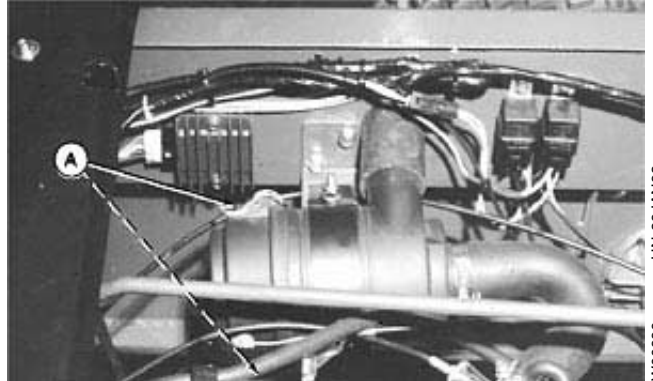
CHECKING AND REPLACING AIR CLEANER STANDARD ELEMENT

CAUTION: Help prevent bodily injury due to burns. Stop engine and allow engine, exhaust pipe and muffler to cool before removing element.

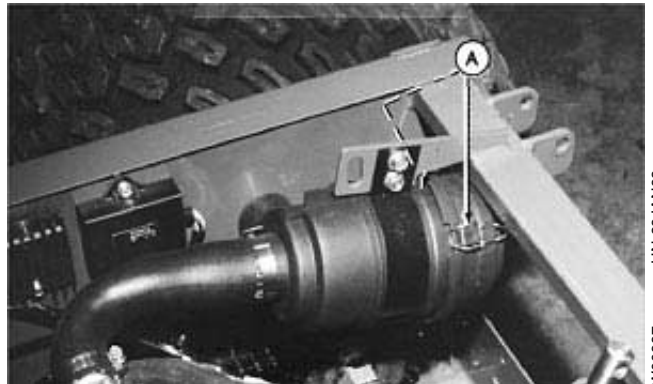
Help prevent bodily injury due to entanglement in belt or drives, stop engine before servicing air cleaner.

NOTE: An Air Restriction Indicator is available (6X4 only), see "Attachments" section.

1. Release latches (A).



-UN-29JAN93
W00996

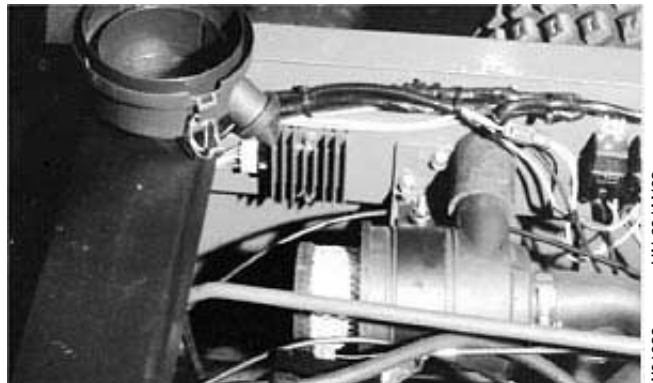


-UN-29JAN93
W00997

WX,GATOR,S100,J-19-18FEB93

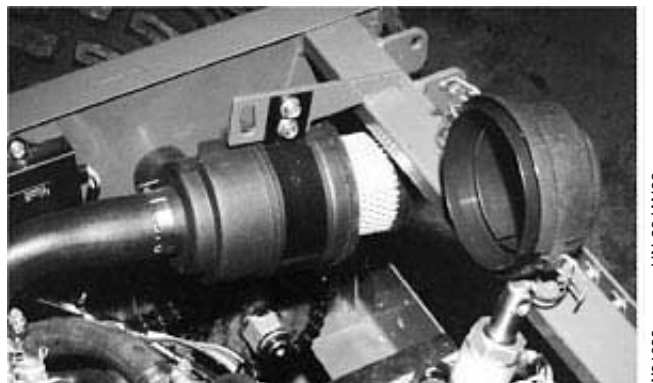
IMPORTANT: If GATOR is operated in dusty environment or conditions, element should be checked more often.

2. Remove the element and replace with a new one.
3. Install cover and engage latches.
4. Release support rod and lower cargo box.



-UN-29JAN93
W01038

4 X 2



-UN-29JAN93
W01039

6 X 4

WX,GATOR,S100,K-19-18FEB93

DRAINING, FLUSHING, AND FILLING COOLING SYSTEM 6 X 4 ONLY

NOTE: Check condition of coolant system hoses and install new hoses when necessary.

1. Stop engine and let it cool.
2. Lift passenger seat.



CAUTION: Help prevent bodily injury from hot fluid, do not loosen radiator cap unless engine is cool.

3. Turn cap slowly to the stop.
4. Release system pressure before removing cap.

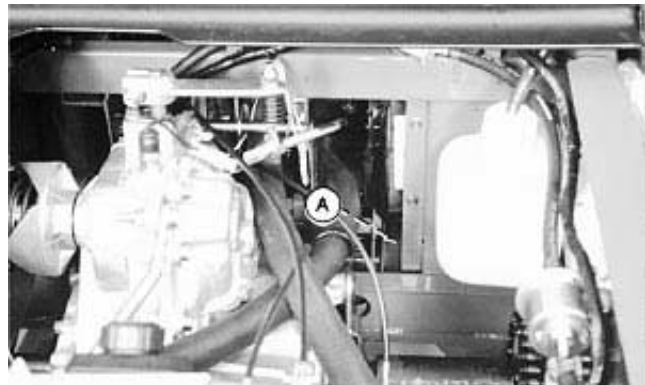


W01017
-UN-21JAN93

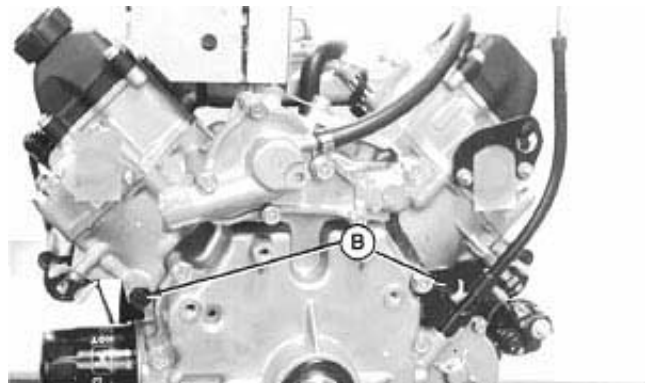
WX,GATOR,SN,F -19-18FEB93

NOTE: If plug is seized or if it is difficult to access, remove two self-tapping screws that hold radiator in place. Raise radiator a couple of inches and remove bottom hose to drain coolant.

5. Remove radiator drain plug (A) and drain coolant into pail.
6. Loosen block drains (B) and drain coolant from engine block. (Cap screws may be BLACK in color).
7. After coolant has drained, install radiator plug and close block drain.



W01182
-UN-24SEP93



W00983
-UN-17FEB93

WX,GATOR,SN,G1 -19-22SEP93



CAUTION: Do not pour water into a hot engine, you may damage the cylinder head or block. **DO NOT** operate the engine without coolant.

IMPORTANT: Use radiator flushing solutions that are compatible with aluminum to avoid damaging engine parts.

8. Fill the cooling system with clean water and a Cooling System Cleaner, or Flush. Follow directions provided with product.

9. Install and tighten radiator cap.

10. Start and run engine until operating temperature is reached.



CAUTION: Engine and coolant will be hot. Use thick rag or glove to protect your hand.

11. Turn cap slowly to the stop.

12. Release system pressure before removing cap.

13. Remove radiator plug and open block drain, to drain the cooling system fully before rust and dirt settle.

14. Remove and clean recovery tank, install tank after cleaning.



W00989 -UN-22JAN93

WX,GATOR,ST,H -19-18FEB93

15. Fill cooling system. Capacity is 4.3 L (4.5 qt) including reservoir.

Use a 50/50 solution of Automobile or Light-Duty Vehicle ethylene glycol antifreeze that is compatible with aluminum engines and radiators and clean soft water.

Chart on container will give you additional information on mixture rate for freeze protection in your area.

16. Install and tighten radiator cap.

17. Run engine until it reaches operating temperature.

18. Stop engine and allow to cool.

19. Check coolant level to that indicated on recovery tank for cold engine. Add coolant if necessary.

20. Check all hose clamps and tighten if necessary.

21. Bleed system of trapped air. Loosen bleed screw (A) on intake manifold and remove radiator cap.

22. Operate engine at low idle until bubbles no longer appear in radiator.

23. Replace and tighten radiator cap.



W00990 -UN-22JAN93



W01095 -UN-19APR93

WX,GATOR,SN,I1 -19-16APR93

Storage

USING ENGINE STORAGE KIT

See you John Deere dealer for an AR41785 Engine Storage Protection Kit or equivalent.

Follow directions on the tag in this kit.

IMPORTANT: Inhibitor easily changes to gas. Seal or tape openings immediately after you use inhibitor.



T85452 -UN-06DEC88

WX,GATOR,ST,A -19-18FEB93

STORING THE UTILITY VEHICLE

1. Repair worn or damaged parts. Install new parts if necessary.
2. Service the air cleaner.
3. Apply TY6240 Chain Lube on chains.
4. Lubricate all grease points.
5. Wash the utility vehicle.
6. Clean the engine and the area around it. Remove oil, grease, and dirt.
7. Apply paint to areas that need it to prevent rust.

CAUTION: Sulfuric acid in battery electrolyte is poisonous. Help prevent burns to skin and/or blindness due to splashing of liquid. Store battery in a safe place and out of reach of children.

8. Remove the battery. Clean it. Check the electrolyte level. Charge the battery. Store battery in a cool, dry place.
9. Store the utility vehicle in a dry, protected place. If you store utility vehicle outside, put a waterproof cover over it.
10. Put blocks or stands under utility vehicle to take weight off tires.

WX,GATOR,ST,B -19-18FEB93

REMOVING UTILITY VEHICLE FROM EXTENDED STORAGE

1. Check condition of belt and chain.
2. Remove blocks or supports from under vehicle.
3. Warm the engine.
4. Stop the engine.
5. Change engine oil then perform all checks in Removing Utility Vehicle From Storage on next page.

WX,GATOR,ST,C -19-18FEB93

REMOVING UTILITY VEHICLE FROM STORAGE

1. Check tire pressure.

-Keep all tires inflated to 34—41 kPa (5—6 psi).

-Heavy-Duty All Purpose tire inflation pressure can be as low as 27 kPa (4 psi) to provide a better ride.

2. Remove blocks or supports from under the utility vehicle.

3. Check battery electrolyte level. (See Checking Electrolyte Level in Service/50 Hours section.)

4. Charge battery if necessary. Install battery.

5. Check engine oil level.

6. Check transaxle oil level.

7. Lubricate all grease points.

8. Check belt and chain for proper tension.

9. Make sure shields and guards are in place.



CAUTION: Engine exhaust fumes can cause sickness or death. Help prevent personal injury or death, if it is necessary to run engine in an enclosed area, remove fumes with an exhaust pipe extension. If an extension is not used, open doors to provide ventilation or use power ventilator designed for this purpose.

10. Run engine 5 minutes before you put engine under load.

WX,GATOR,ST,D -19-18FEB93

CLEANING AND POLISHING PLASTIC HOOD AND FENDERS

IMPORTANT: To keep scratches on plastic parts to minimum, do not rub or brush off any parts with bare hands, use a soft cloth (i.e. cheesecloth) or a light flow of compressed air. For dirt, wash with steady stream of water only (no detergent), then blow off excess water with air.

1. Remove excess dust or dirt.

2. When surface is dry, spray on PLEDGE® and leave for 30 to 60 seconds.

3. Using a dry soft cloth (i.e. cheesecloth) wipe off to bring up lustre.

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WX,GATOR,AS,P -19-22SEP93

Crime Prevention

HELP PREVENT CRIME

You can help take a bite out of crime by properly documenting ownership and discouraging theft.

**TAKE A BITE OUT OF
CRIME**
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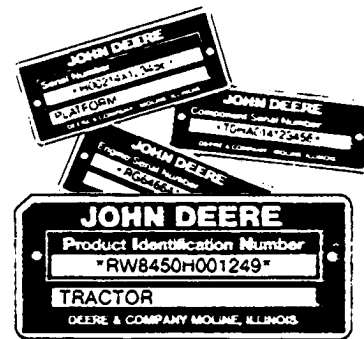


DX,CRPRV,A -19-03MAR93

TS140 -19-07OCT88

RECORD IDENTIFICATION NUMBERS

1. Mark your machines with your own unique numbering system.
2. Record the Product Identification Number (PIN) of the unit and also individual component identification numbers for engines, axles, pumps, etc. Include the PIN numbers on all documentation, such as insurance, financial, and warranty papers.

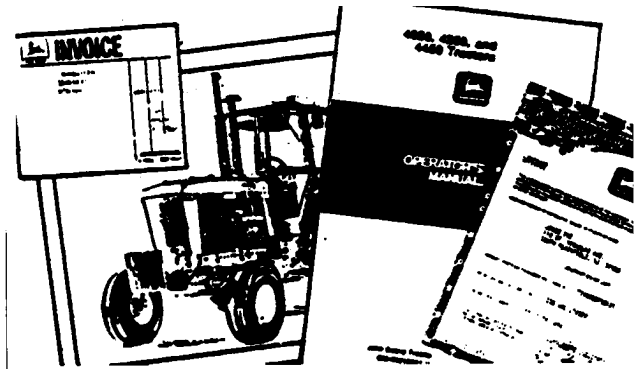


DX,CRPRV,B -19-03MAR93

TS161 -UN-23MAR89

KEEP PROOF OF OWNERSHIP

1. Take color photographs from several angles of each machine.
2. Maintain an up-to-date inventory of all your machines.
3. Keep your documented identification numbers, color photographs, and inventory in a safe, secure location.

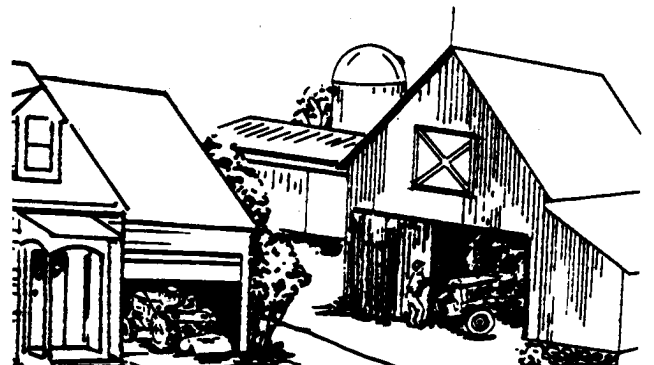


DX,CRPRV,C -19-03MAR93

TS142 -UN-23MAR89

PARK INDOORS OUT OF SIGHT

- Make machines hard to move:
- Park large equipment in front of exits.
 - Remove key.
 - Remove battery if unit is in storage.
 - Lock building.



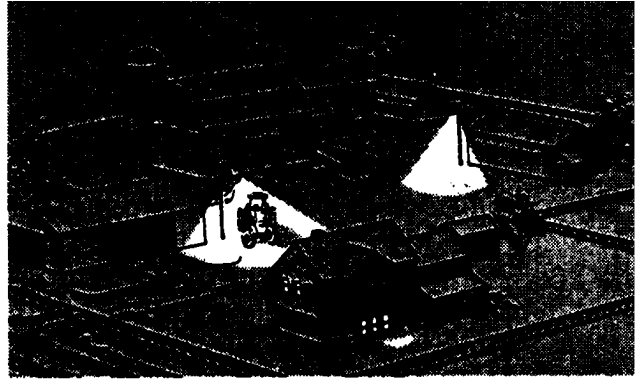
DX,CRPRV,D1 -19-11JUN90

TS143 -UN-23AUG88

WHEN PARKING OUTDOORS

Make machines hard to move:

- Park in a well-lighted, fenced area.
- Lower all equipment to the ground.
- Remove ignition key. Remove battery when unit is in storage.
- Lock cab doors, windows, and vandal-proof devices.
- Set wheels in widest position making loading more difficult.

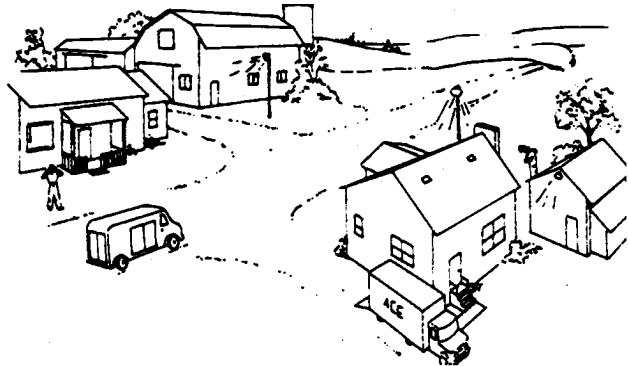


DX,CRPRV,E -19-03MAR93

TS155
-UN-23AUG88

REDUCE VANDALISM

1. Install vandal-proof devices.
2. Participate in a neighborhood watch program. Take written notes of suspicious vehicles or persons and report your findings to law enforcement agency.
3. Regularly verify that identification plates have not been removed. If they have, notify law enforcement agency. Order duplicate plates from your dealer.



DX,CRPRV,F -19-03MAR93

TS145
-UN-23AUG88

REPORT THEFTS IMMEDIATELY

1. Immediately notify your local law enforcement agency and insurance agent.
2. Provide a complete description of the machine, all of the documented identification numbers and color photographs.
3. Request verification of the identification numbers after they have been entered with any regional or national crime information center. Double check the numbers to be sure they are correct.
4. Notify your John Deere dealer of the theft and request that its loss be posted with full description and identification numbers.



DX,CRPRV,G -19-03MAR93

TS146
-UN-09JAN89

Assembly

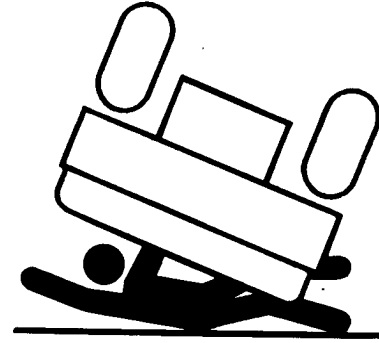
DO NOT MODIFY MACHINE



CAUTION: Help prevent severe bodily injury or death from loss of stability or control of vehicle.

Do not make any unauthorized modifications to the vehicle in any way.

Modifications can result in making the vehicle unstable, increasing the possibility of roll-over causing severe injury or death.



W15212 -UN-18NOV89

WX,GATOR,AS,A -19-16APR93

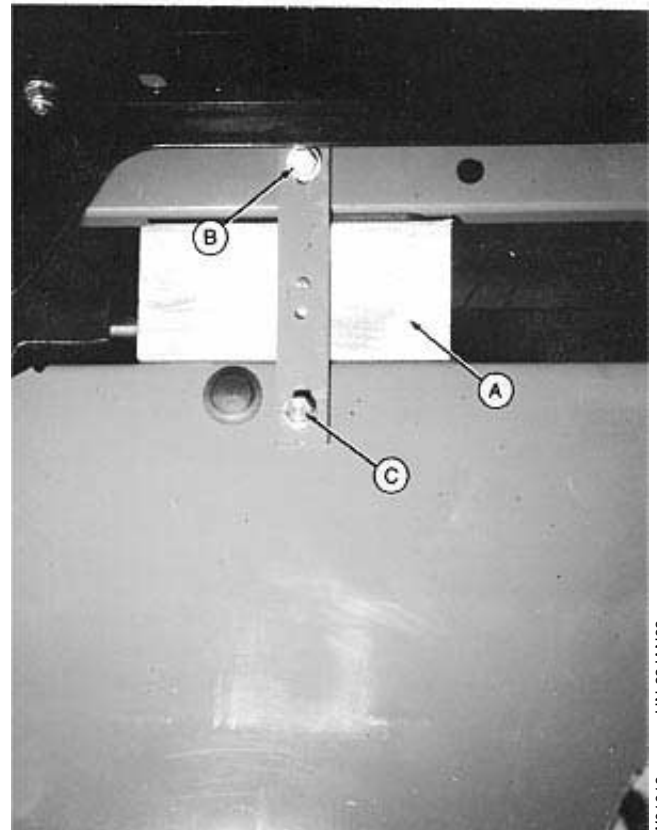
PREPARE FOR ASSEMBLY

1. Remove utility vehicle from shipping crate.



CAUTION: To help prevent bodily injury from falling vehicle, raise utility vehicle using overhead hoist and place on safety stands to assemble.

2. Raise vehicle using hoist and position safety stands under vehicle.
3. Cargo box is attached to frame with four shipping brackets (A).
4. Remove thread forming screws (B) and retain to attach load guard.
5. Lift cargo box off frame.
6. Remove thread forming screws (C) and shipping brackets (A).
7. Install thread forming screws (C) back into holes they were removed from on RIGHT-HAND side of machine only. This is the side the air cleaner intake tube is in.
8. Keep screws from left-hand side. Screws will be used to assemble cargo box load guard.

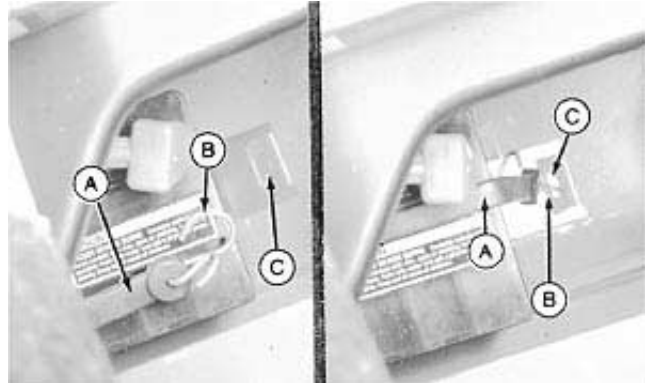


W01018 -UN-22JAN93

WX,DGATOR,AS,B1-19-15NOV95

REMOVING AND REPLACING BATTERY HOLD-DOWN STRAP

1. Battery for 6 X 4 is located at right rear of vehicle, battery for 4 X 2 is located under passenger seat.
2. Stretch rubber strap (A), pull over top of battery and push down.
3. Remove "S" hook (B) from slot (C).
4. To replace, reverse procedure.

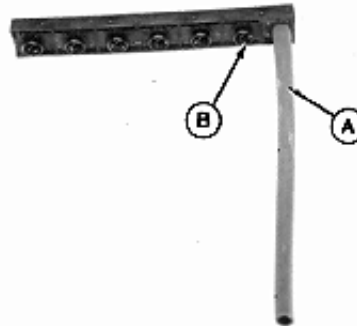


-UN-24SEP93

WX,GATOR,AS,C1 -19-16SEP93

INSTALL BATTERY CAP BREATHER AND DRAIN TUBE

1. Install tube (A) onto battery cap (B).



-UN-22JAN93

WX,GATOR,AS,D -19-18FEB93

ADD ELECTROLYTE TO BATTERY

IMPORTANT: Battery should be removed from utility vehicle before filling it with electrolyte to prevent damage to utility vehicle from spilled electrolyte.

CAUTION: Battery acid is a poison and could cause burns. Avoid contact with skin, eyes, and clothes. Do not drink battery fluid. When you work around battery, protect eyes and face from battery fluid. Battery gases can explode. Keep cigarettes, sparks, and flames away from battery.

1. Use only battery-grade sulfuric acid electrolyte with 1.265 specific gravity.

NOTE: Some utility vehicle batteries may have shipping caps, remove and discard these caps.

2. Remove battery cell caps. (See Checking and Cleaning Battery in Service/50 Hours section.)



TS203 -UN-23AUG88

WX,GATOR,AS,E -19-18FEB93

3. Slowly add electrolyte (A) until plates (B) are just covered.

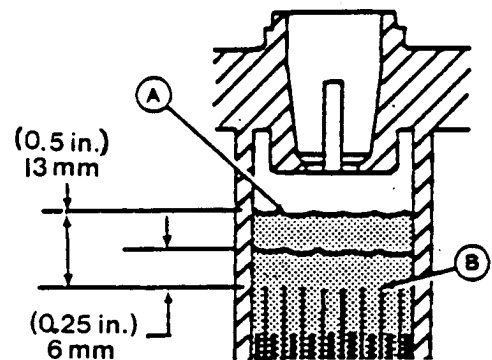
CAUTION: Help prevent personal injury from acid burns. After battery is activated, the gases in the battery are explosive. Keep sparks and flames away from battery, especially when charging battery.

4. Charge battery at 15 amps for 10 minutes or 7 amps for 30 minutes. DO NOT exceed recommended charging rate. If electrolyte starts to boil over, decrease charging rate. (See Charging Battery in Service/As Necessary section.)

IMPORTANT: DO NOT fill cells to bottom ledge of filler tube.

5. After charging, add electrolyte until level is 6—13 mm (0.25—0.5 in.) above plates.

6. Install vented cap.



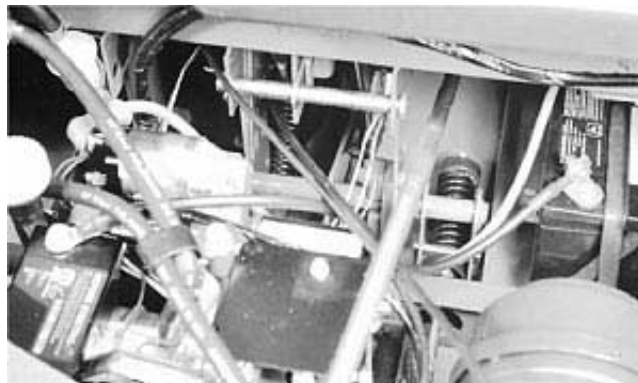
W15172 -UN-10OCT89

WX,GATOR,AS,F -19-18FEB93

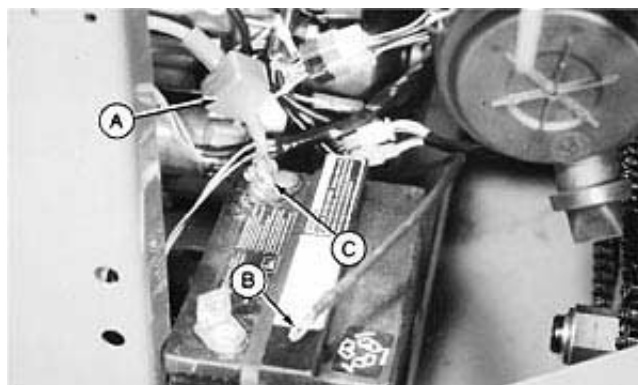
INSTALL BATTERY

1. Route protective cover (A) over positive (red) battery cable (C).
2. Position battery and secure positive (red) battery cable (C) to positive (+) terminal first.
3. Attach negative (black) battery cable (B) to negative (-) terminal last using M6 x 16 cap screws, flat washers and nuts.
4. Tighten connections.
5. Apply petroleum jelly or grease to terminals.
6. Slide protective cover (A) down over positive battery post and terminal.
7. On 4X2, route breather tube on battery cap through slot in bottom of frame in front of transaxle beside battery.
8. On 6X4, route breather tube (D) on battery cap under hold down strap at the front of battery. Route tube through bracket and out large hole at the bottom rear center of frame pan.

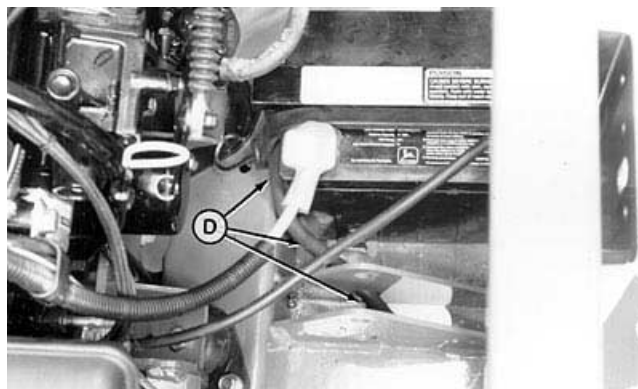
A—Positive Terminal Cover
 B—Negative (-) Battery Cable
 C—Positive (+) Battery Cable
 D—Battery Vent Tube



4 X 2



6 X 4

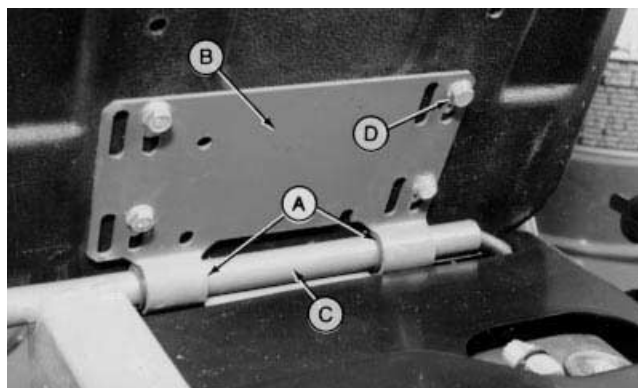


6 X 4

WX,GATOR,AS,G2 -19-12DEC95

INSTALL DRIVER'S SEAT

1. Place rubber inserts (A) into brackets on seat plate (B) and install onto seat frame (C).
2. Attach seat plate to bottom of seat using four 5/16 x 3/4 in. capscrews and flat washers (D).

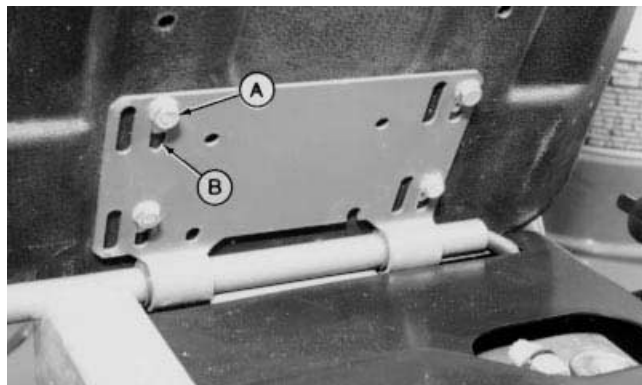


WX,GATORB,AS,K -19-12JUL96

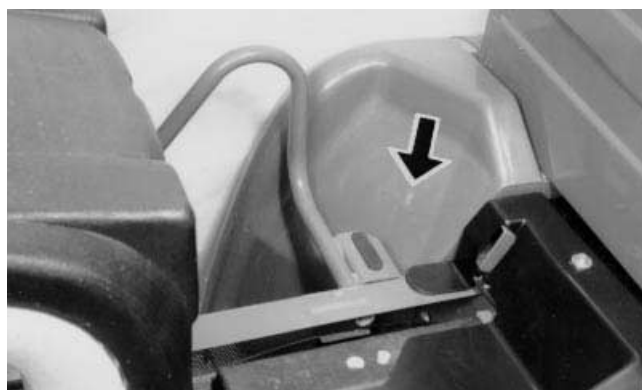
ADJUST SEAT

NOTE: Slots (B) allow the moving of seats forward or rearward to provide operator comfort. The passenger seat on the "6X4 only" however, if moved to the most rearward position will contact fender (indicated by arrow) or contact windshield (if equipped) if seat is rotated forward.

1. Loosen four cap screws (A).
2. Move seat forward or rearward in slots (B) to position desired.
3. Tighten cap screws.



-UN-11JUL96
W02630



-UN-11JUL96
W02632

WX,GATORB,AS,Q -19-12JUL96

REMOVE PROTECTIVE PLASTIC FROM HOOD AND FRONT FENDERS

1. Remove screws (A) and lift hood up and off vehicle.

IMPORTANT: To keep scratches on plastic parts to a minimum, take care when removing protective plastic. Do not rub or brush off any parts with bare hands, use a soft cloth (i.e. cheesecloth) or a light flow of compressed air.

2. Remove plastic from hood.

3. Using a sharp utility knife, carefully slit protective plastic where fenders join metal frame.

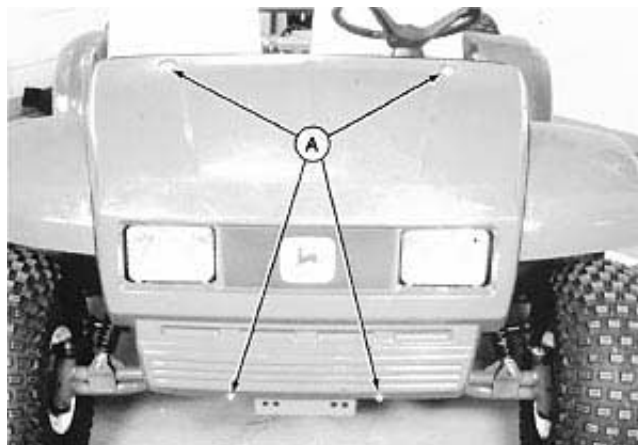
4. Pull plastic up and away from fender, then remove remaining plastic in joint by pulling from below.

5. Remove protective plastic from rear fenders and box extensions on 6X4.

IMPORTANT: Help prevent the possibility of premature failure of headlight bulbs due to hood contacting headlight housing. When re-installing hood be sure there is clearance all around headlight housing.

6. Replace hood, tighten top screws first then push hood upward leaving space all around headlight housings.

7. Tighten bottom screws.



W00950 -UN-21 JAN93

WX,GATOR,AS,O -19-16APR93

CLEANING AND POLISHING PLASTIC HOOD AND FENDERS

IMPORTANT: To keep scratches on plastic parts to minimum, do not rub or brush off any parts with bare hands, use a soft cloth (i.e. cheesecloth) or a light flow of compressed air. For dirt, wash with steady stream of water only (no detergent), then blow off excess water with air.

1. Remove excess dust or dirt.
2. When surface is dry, spray on PLEDGE® and leave for 30 to 60 seconds.
3. Using a dry soft cloth (i.e. cheesecloth) wipe off to bring up lustre.

PLEDGE® is a Registered Trademark of S.C Johnson, Co.

WX,GATOR,AS,P -19-22SEP93

INSTALL REAR WHEELS AND TIRES

IMPORTANT: Tires are shipped over inflated. Reduce inflation pressure in **ALL** tires.

1. Check tire inflation pressures:

- Keep all tires inflated to 34—41 kPa (5—6 psi).
- Heavy-Duty All Purpose tire inflation pressure can be as low as 27 kPa (4 psi) to provide a better ride.

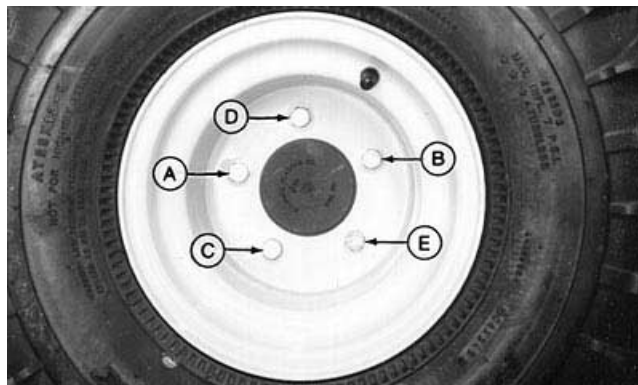
2. Measure circumference of all tires.

Tires with the largest circumference must be placed in the most rearward position to provide most positive ground contact for drive wheels.

NOTE: Mount wheels with valve stem to outside.

3. Put plastic cover on end of each axle shaft. Attach one wheel to each axle using five wheel bolts, tighten until snug.

4. Tighten bolts to 100 N·m (75 lb-ft.) in sequence (A),(B),(C), (D) and (E).



W02296 -UN-13NOV95

WX,DGATOR,AS,H1-19-15NOV95

INSTALL FRONT WHEELS AND TIRES

IMPORTANT: Tires are shipped over inflated. Reduce inflation pressure in ALL tires.

1. Check tire inflation pressures:

- Keep all tires inflated to 34—41 kPa (5—6 psi).

- Heavy-Duty All Purpose tire inflation pressure can be as low as 27 kPa (4 psi) to provide a better ride.

NOTE: Mount wheels with valve stem to outside.

2. Attach one wheel to each side of vehicle using M16 x 40 flanged cap screw (A).

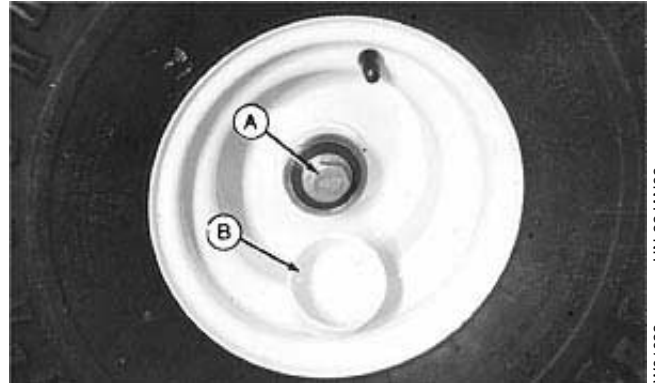
IMPORTANT: Overtightening front wheel bolts can result in bearing damage.

3. Tighten cap screws to 90 N·m (65 lb-ft).

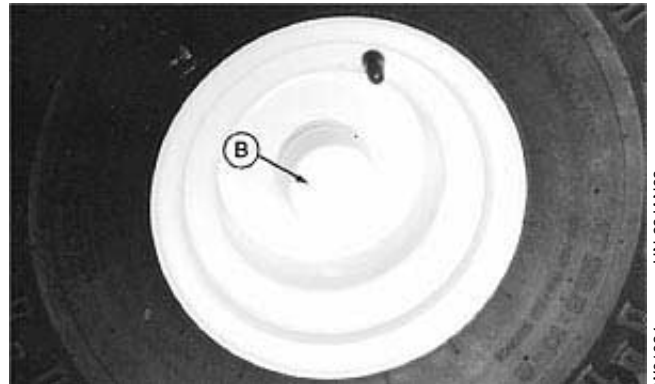
4. Install hub cap (B).

5. Lubricate front axle bushings.

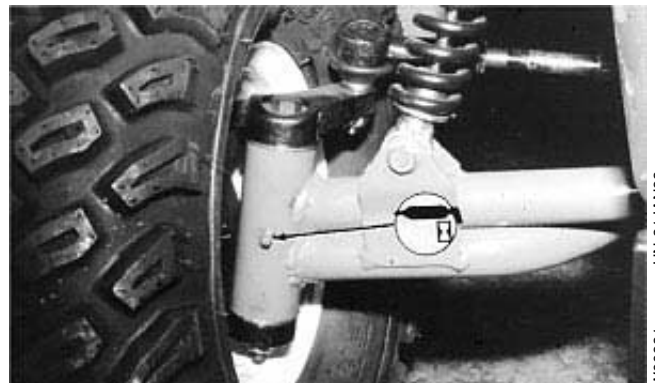
6. Raise vehicle, remove safety stands and lower vehicle to the ground.



W01023 -UN-22JAN93



W01024 -UN-22JAN93



W00981 -UN-21JAN93

WX,DGATOR,AS,I -19-15NOV95

INSTALL STEERING WHEEL

1. Coat steering shaft with multi-purpose grease.

NOTE: When wheel is installed, be sure indicator lights are visible and not hidden by spokes.

2. With front wheels straight in direction of travel, install steering wheel.
3. Install nut (A) and tighten until snug.
4. Install logo cap (B).



W02604 -UN-11JUL96



W01026 -UN-22JAN93



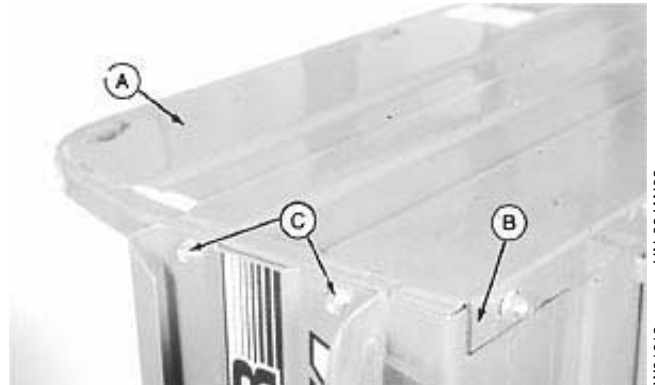
W01027 -UN-22JAN93

WX,GATORB,AS,J -19-12JUL96

INSTALL LOAD GUARD IN CARGO BOX

1. Position load guard (A) in cargo box with bottom lip (B) under bottom of box with square tube frame to inside of box.
2. Attach bottom of load guard using M8 x 20 bolts, flat washers and flanged lock nuts (D). Tighten to 25 N.m (18 lb-ft).
3. Attach sides of load guard using thread forming screws (C) that were retained from shipping brackets on cargo box.

A—Load Guard
B—Bottom Lip
C—Thread Forming Screws
D—M8 x 16 Cap Screws, Flatwashers and Nuts



W01019 -UN-22JAN93



W01021 -UN-22JAN93

WX,GATOR,AS,L -19-18FEB93

INSTALL CARGO BOX

1. Place cargo box onto frame, align tabs on frame and bushings on cargo box.
2. Attach box at rear on each side using M12 x 90 cap screw and flanged lock nut (A). Install cap screw with threads to the outside of vehicle.

NOTE: It is necessary to tighten cap screws to squeeze tabs to minimize noise from vibration. Spray lube is used to eliminate squeaks until pivot points wear in.

3. Tighten cap screws pulling in tabs until they contact ends of bushings.
4. Spray bushing and tab area with a spray lubricant.

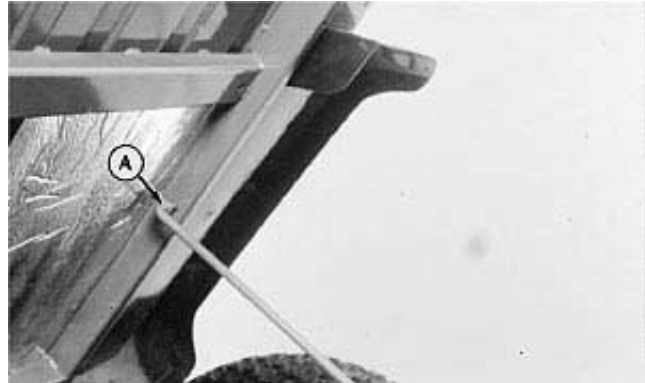


W02251 -UN-30OCT95

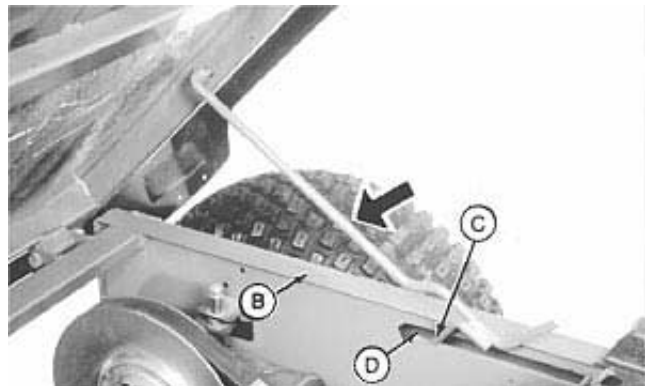
WX,DGATOR,AS,M -19-15NOV95

INSTALL CARGO BOX SUPPORT ROD

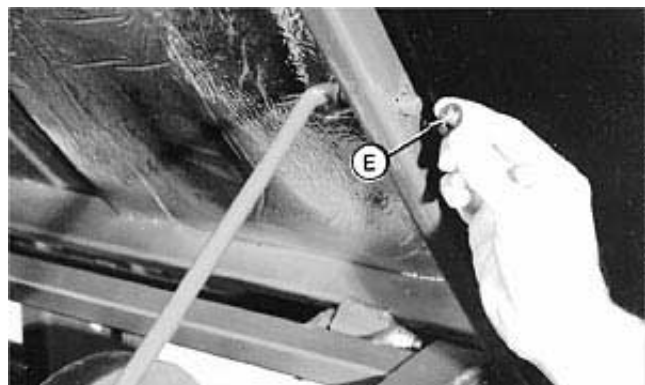
1. 90 degree bent end of rod (A) already installed in cargo box frame.
2. Cut tie and release rod from cargo box.
3. Push inward on support rod forcing it over sill (B).
4. Route end of support rod (C) into slot (D).
5. Lift up on cargo box and latch rod into notch in slot.



W01091 -UN-19APR93



W01184 -UN-24SEP93



W01185 -UN-24SEP93

NOTE: If rod is ever removed from cargo box frame be sure to install serrated push washer (E) back onto rod 20 mm (3/4 in) from end.

WX,GATOR,AS,N2 -19-22SEP93

Specifications 4X2

ENGINE

Horsepower	7.5 kW (10.0 hp)
Manufacturer	Kawasaki
Cylinders	1
Strokes/Cycle	4
Cooling	Air
Air Cleaner	Dry
Displacement	286 cc (17.7 cu in)
Compression Ratio	8.41:1

ENGINE SPEEDS

Slow Idle (no load)	1175 rpm
Fast Idle (no load)	3750 rpm

CAPACITIES

Fuel Tank	20 L (5.3 gal)
Crankcase	1.1 L (1.2 qt)
Transaxle	4.5 L (4.75 qt)

ELECTRICAL SYSTEM

Alternator	13 amps
Battery Cold Capacity at 0°F (-18°C)	255 amps
Battery	BCI-U-1 12 V
Regulator	Solid State

TRANSMISSION

Type	Belt-Driven Torque Converter With Gear-Driven Transaxle
Speeds	Forward-Neutral-Reverse

TRAVEL SPEEDS

Forward	25 km/h (15.5 mph)
Reverse	24.5 km/h (15.3 mph)

BRAKES	Mechanically Operated Internal Wet Disc
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DIMENSIONS

Width Overall	1520 mm (59.8 in)
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TIRES - KNOBBY, BAR-TYPE, AND TURF

Front	22.5 x 10.00—8
Rear	25 x 12.00—9

TIRES - HEAVY-DUTY ALL PURPOSE

Front	22 x 12.00—8
Rear	25 x 13.00—9

INFLATION PRESSURE

Front/Rear	34—41 kPa (5—6 psi) (0.34—0.41 bar)
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NET WEIGHT (approx.)	380 kg (840 lb)
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CARGO BOX CAPACITY	227 kg (500 lb)
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TOWING CAPACITY	340 kg (750 lb)
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(Specifications and design subject to change without notice)

WX,GATOR,SP,A2 -19-12DEC95

Specifications 6X4

ENGINE

Horsepower	13.8 kW (18.0 hp)
Manufacturer	Kawasaki
Cylinders	2
Strokes/Cycle	4
Cooling	Liquid
Air Cleaner	Dry
Displacement	617 cc (37.7 cu in)
Compression Ratio	9.4:1

ENGINE SPEEDS

Slow Idle (no load)	1175 rpm
Fast Idle (no load)	3850 rpm

CAPACITIES

Fuel Tank	20 L (5.3 gal)
Crankcase	1.3 L (1.4 qt)
Transaxle	4.5 L (4.75 qt)
Cooling System (including reservoir)	4.3 L (4.5 qt)

ELECTRICAL SYSTEM

Alternator	20 amps
Battery Cold Capacity at 0°F (-18°C)	255 amps
Battery	BCI-U-1 12 V
Regulator	Solid State

TRANSMISSION

Type	Belt-Driven Torque Converter With Gear-Driven Transaxle
Speeds	Forward-Neutral-Reverse

TRAVEL SPEEDS

Forward	25 km/h (15.5 mph)
Reverse	24.5 km/h (15.3 mph)

BRAKES	Mechanically Operated Internal Wet Disc
---------------	--

DIMENSIONS

Width Overall	1520 mm (59.8 in.)
---------------	--------------------

TIRES - KNOBBY, BAR-TYPE, AND TURF

Front	22.5 x 10.00—8
Rear	25 x 12.00—9

TIRES - HEAVY-DUTY ALL PURPOSE

Front	22 x 12.00—8
Rear	25 x 13.00—9

INFLATION PRESSURE

Front/Rear	34—41 kPa (5—6 psi) (0.34—0.41 bar)
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NET WEIGHT (approx.)	476 kg (1050 lb)
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CARGO BOX CAPACITY	363 kg (800 lb)
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TOWING CAPACITY	544 kg (1200 lb)
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(Specifications and design subject to change without notice)

WX,GATOR,SP,B2 -19-12DEC95

Product Identification Numbers

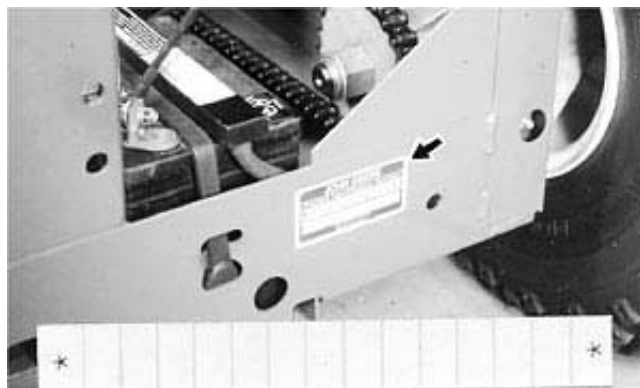
IDENTIFICATION PLATE/SERIAL NUMBERS

Each utility vehicle has an identification plate and serial numbers shown here. The letters and numbers stamped on the plate or component identify a component or assembly. ALL these characters are needed when ordering parts or identifying a utility vehicle or component for any John Deere product support program. Also, they are needed for law enforcement to trace your utility vehicle if it is ever stolen. ACCURATELY record these characters in the spaces provided in each of the following photographs.

WX,GATOR,SP,C -19-18FEB93

RECORD TRANSPORTER IDENTIFICATION NUMBER

Identification number plate is located on the lower right rear of utility vehicle.



-UN-29JAN93

W01067

WX,GATOR,SP,D -19-18FEB93

RECORD TRANSAXLE SERIAL NUMBER

This number is stamped into the top flange of transaxle.



-UN-29JAN93

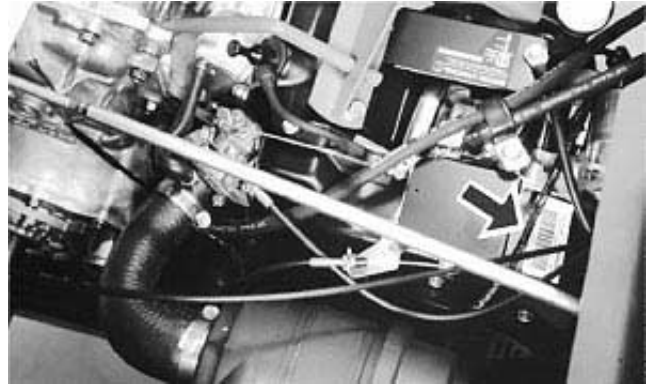
W01068

WX,GATOR,SP,E -19-18FEB93

RECORD ENGINE SERIAL NUMBER

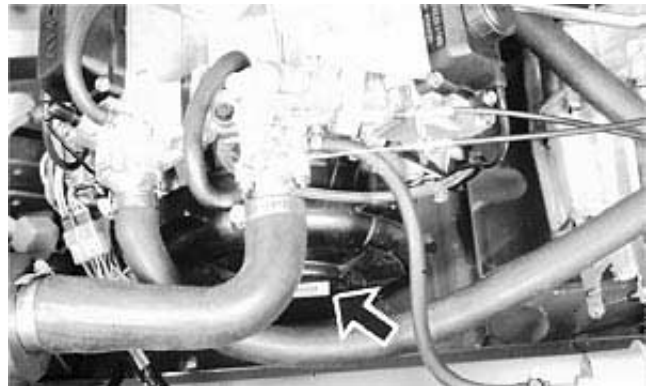
This number is on a tag on the fan shield on the 4X2.

On the 6X4, it may be on either the fan shield or on the cylinder head.



4X2

W01303
-UN-24SEP93



6X4

W01304
-UN-24SEP93

WX,GATOR,SP,F1 -19-16SEP93

Warranties

PRODUCT WARRANTY

Product warranty is provided as part of John Deere's support program for customers who operate and maintain their equipment as described in the manual. The following warranties are in addition to the product warranty you received from your dealer at the time of sale.

WX,PRODWAR1 -19-05DEC95

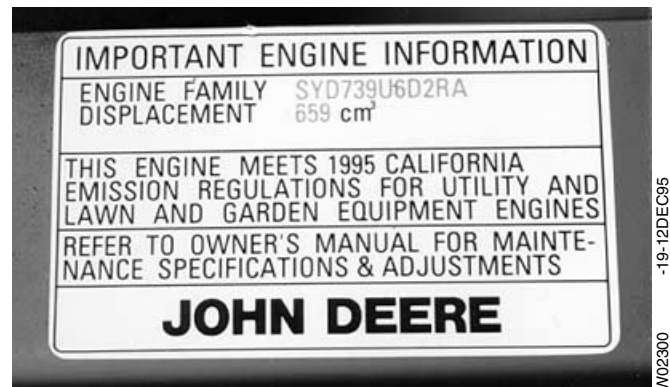
TIRE WARRANTY

John Deere warranty applies for tires available through the John Deere parts system. For tires not available through the John Deere parts system, the tire manufacturer's warranty applicable to your machine may not apply outside the U.S. (See your John Deere dealer for specific information.)

WX,TIREWARR -19-05DEC95

EMISSIONS CONTROL SYSTEM WARRANTY LABEL

The emissions warranty described below applies only to those engines that have been certified by the EPA and/or CARB. The presence of an emissions label like the one shown to the right signifies that the engine has been certified with the EPA and CARB. The EPA and CARB emission warranties do not apply to engines that are built before 01 January 1996.



WX,EMWAR1 -19-05DEC95

CALIFORNIA EMISSION CONTROL LIMITED WARRANTY STATEMENT

Your Warranty Rights and Obligations

The California Air Resources Board (CARB) and John Deere are pleased to explain the emission control system warranty on your vehicle. In California, new utility and lawn and garden equipment engines must be designed, built and equipped to meet the State's stringent anti-smog standards. John Deere must warrant the emission control system on your vehicle's engine for the periods of time listed below provided there has been no abuse, neglect, or improper maintenance of your vehicle's engine.

Your emission control system may include parts such as the carburetor of fuel injection system, the ignition system and catalytic converter. Also included may be hoses, belts, connectors and other emission related components.

Where a warrantable condition exists, i.e. failure due to defect in John Deere-supplied material and/or workmanship, John Deere will repair your engine at no cost to you including diagnosis, parts and labor.

John Deere's Warranty Coverage

The emission control system of your vehicle's engine is warranted for two years. If any emissions-related part on your engine is defective, the part will be repaired or replaced by John Deere.

Owner's Warranty Responsibilities

As the vehicle engine owner, you are responsible for the performance of the required maintenance as outlined in this Owner's Manual. John Deere recommends that you retain all receipts covering maintenance on your engine, but John Deere cannot deny warranty solely for the lack of receipts or for your failure to ensure the performance of all scheduled maintenance.

However, as the vehicle engine owner, you should be aware that John Deere may deny you warranty coverage if your engine or a part has failed due to abuse, neglect, improper maintenance or unapproved modifications.

You are responsible for presenting your engine to an authorized John Deere Lawn and Grounds Care Retailer as soon as a problem exists. The warranty repairs should be completed in a reasonable amount of time, not to exceed 30 days.

If you have any questions regarding your warranty rights and responsibilities, you should contact your John Deere Retailer, or the John Deere Customer Communications Center, 1-800-537-8233.

JOHN DEERE EXPLANATION OF WARRANTY COVERAGE

COVERAGE

John Deere warrants to the initial owner and subsequent purchaser that the vehicle engine is free from defects in materials and workmanship for a period of two years after the engine is delivered to the initial retail purchaser. John Deere is liable for damages to other engine components caused by the failure of a warranted part during the warranty period. If any emission related part on your engine is defective, the part will be repaired or replaced by John Deere.

WHERE TO GET WARRANTY COVERAGE

Warranty service shall be performed during customary business hours at any authorized John Deere Lawn and Grounds Care Retailer located within the United States of America. Only manufacturer-approved replacement parts may be used when performing any warranty maintenance or repairs on emission related parts, and must be provided without charge to the owner if the part is still under warranty. Any parts replaced under this warranty shall become the property of John Deere.

WHAT IS COVERED

The emissions control system warranty covers the following warranted parts only:

- carburetor and its internal parts
- fuel injection system
- spark advance/retard system
- cold start enrichment system
- magneto or electronic ignition system
- hoses or tubing used directly in above parts

Since emission related parts may vary slightly from model to model, certain models may not contain all of these parts and certain models may contain functionally equivalent parts.

LIMITATIONS

This Emission Control System Warranty shall NOT cover any of the following:

- a) Repair or replacement required as a result of:
 - (i) misuse or neglect
 - (ii) lack of required maintenance
 - (iii) repairs improperly performed or replacements improperly installed
 - (iv) use of replacement parts or accessories not conforming to John Deere specifications which adversely affect performance and/or durability
 - (v) alterations or modifications not recommended or approved in writing by John Deere

- b) Replacement parts, other services and adjustments necessary for normal maintenance.
- c) Transportation to and from the John Deere Retailer, or service calls made by the Retailer.

LIMITED LIABILITY

a) The liability of John Deere under this Emission Control System Warranty is limited solely to the remedying of defects in materials or workmanship. This warranty does not cover inconvenience or loss of use of the vehicle engine or transportation of the engine to or from the John Deere Retailer. JOHN DEERE SHALL NOT BE LIABLE FOR ANY OTHER EXPENSE, LOSS OR DAMAGE, WHETHER DIRECT, INCIDENTAL, CONSEQUENTIAL (EXCEPT AS LISTED ABOVE UNDER "COVERAGE") OR EXEMPLARY ARISING IN CONNECTION WITH THE SALE OR USE OF OR INABILITY TO USE THE ENGINE FOR ANY OTHER PURPOSE.

b) NO EXPRESS EMISSION CONTROL SYSTEM WARRANTY IS GIVEN BY JOHN DEERE WITH RESPECT TO THE ENGINE EXCEPT AS SPECIFICALLY SET FORTH IN THIS DOCUMENT. ANY EMISSION CONTROL SYSTEM WARRANTY IMPLIED BY LAW, INCLUDING ANY WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE, IS EXPRESSLY LIMITED TO THE EMISSION CONTROL SYSTEM WARRANTY TERMS SET FORTH IN THIS DOCUMENT.

c) No dealer is authorized to modify this John Deere California Emission Control System Warranty.

d) John Deere is not liable for parts which are not genuine John Deere parts except when genuine John Deere parts cause damage to non-John Deere parts.

LEGAL RIGHTS

This Warranty gives you specific legal rights. You may also have other rights in the State of California.

THIS CALIFORNIA EMISSION CONTROL SYSTEM WARRANTY IS IN ADDITION TO JOHN DEERE LIMITED ENGINE WARRANTY.

LIMITED BATTERY WARRANTY

NOTE: Applicable in North America only. For complete machine warranty, refer to a copy of the John Deere warranty statement. Contact your John Deere dealer to obtain a copy.

TO SECURE WARRANTY SERVICE

The purchaser must request warranty service from a John Deere dealer authorized to sell John Deere batteries and present the battery to the dealer with the top cover plate codes intact.

FREE REPLACEMENT

Any new battery which becomes unserviceable (not merely discharged) due to defects in material or workmanship within 90 days of purchase will be replaced free of charge. Installation costs will be covered by warranty if (1) the unserviceable battery was installed by a John Deere factory or dealer, (2) failure occurs within 90 days of purchase and (3) the replacement battery is installed by a John Deere dealer.

PRO RATA ADJUSTMENT

Any new battery which becomes unserviceable (not merely discharged) due to defects in material or workmanship more than 90 days after purchase, but before the expiration of the applicable adjustment period, will be replaced upon payment of the battery's current list price less a pro rata credit for unused months of service. The applicable adjustment period is determined from the Warranty Code printed at the top of the battery and chart below. Installation costs are not covered by warranty after 90 days from date of purchase.

THIS WARRANTY DOES NOT COVER:

- A. Breakage of the container, cover or terminals.
- B. Depreciation or damage caused by lack of reasonable and necessary maintenance or by improper maintenance.
- C. Transportation, mailing or service call charges for warranty service.

LIMITATION OF IMPLIED WARRANTIES AND PURCHASER'S REMEDIES

To the extent permitted by law, neither John Deere nor any company affiliated with it makes any warranties, representations or promises as to the quality, performance or freedom from defect of the products covered by this warranty. IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE, TO THE EXTENT APPLICABLE, SHALL BE LIMITED IN DURATION TO THE APPLICABLE ADJUSTMENT PERIOD SET FORTH HERE. THE PURCHASER'S ONLY REMEDIES IN CONNECTION WITH THE BREACH OR PERFORMANCE OF ANY WARRANTY ON JOHN DEERE BATTERIES ARE THOSE SET FORTH HERE. IN NO EVENT WILL THE DEALER, JOHN DEERE OR ANY COMPANY AFFILIATED WITH JOHN DEERE BE LIABLE FOR INCIDENTAL OR CONSEQUENTIAL DAMAGES. (Note: Some states do not allow limitations on how long an implied warranty lasts or the exclusion or limitation of incidental or consequential damages. So these limitations and exclusions may not apply to you.) This warranty gives you specific legal rights, and you may also have some rights which vary from state to state.

NO DEALER WARRANTY

The selling dealer makes no warranty of its own and the dealer has no authority to make any representation or promise on behalf of John Deere, or to modify the terms or limitations of this warranty in any way.

PRO RATA MONTHS OF ADJUSTMENT

Warranty Code	Warranty Period
A	40 Months
B	36 Months
C	24 Months

NOTE: If your battery is not labeled with a warranty code, it is a warranty code "B".

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John Deere Service Literature Available

PARTS CATALOG

The parts catalog lists service parts available for your machine with exploded view illustrations to help you identify the correct parts. It is also useful in assembling and disassembling.



DX,PARTS -19-03MAR93

TS189 -UN-17JAN89

OPERATOR'S MANUAL

The operator's manual provides safety, operating, maintenance, and service information about John Deere machines.

An extra copy of the operator's manual is available. The operator's manual and safety signs on your machine may also be available in other languages. (See your John Deere dealer to order.)



DX,OM -19-03MAR93

TS190 -UN-17JAN89

TECHNICAL AND SERVICE MANUALS

Technical and service manuals are service guides for your machine. Included in the manual are specifications, diagnosis, and adjustments. Also illustrations of assembly and disassembly procedures, hydraulic oil flows, and wiring diagrams.

Component technical manuals are required for some products. These supplemental manuals cover specific components.



DX,TM -19-03MAR93

TS224 -UN-17JAN89

FUNDAMENTALS OF SERVICE MANUALS

These basic manuals cover most makes and types of machines. FOS manuals tell you how to service machines. Each manual starts with basic theory and is fully illustrated with colorful diagrams and photographs. Both the "whys" and "hows" of adjustments and repairs are covered in this reference library.



DX,CPFOS -19-04JUN90

TS194 -UN-02DEC88

John Deere Service Literature Available

John Deere Distribution Service Center
Department S/P
P.O. Box 186, Moline, IL 61266-0186

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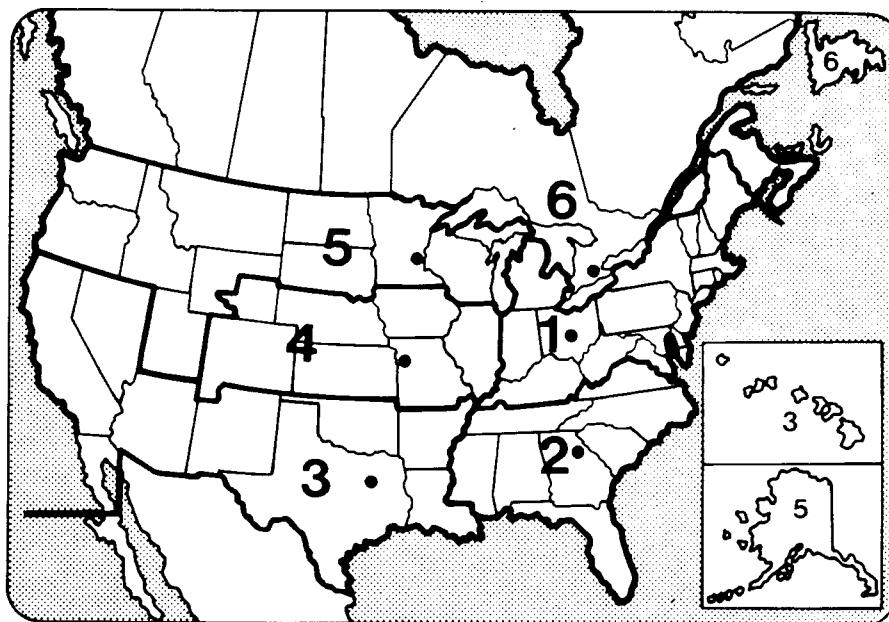
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Check or money order in U.S.
Dollars enclosed Total (Do
not send cash or stamps)

WX,GATORB,SLIT -19-12JUL96

JOHN DEERE IS AT YOUR SERVICE WHEN YOU NEED IT



1. JOHN DEERE COMPANY

701 Georgesville Road
Columbus, OH 43228-2499
614-275-1500 (Fax. 614-275-1450)

3. JOHN DEERE COMPANY

P.O. Box 540598
Dallas, TX 75354-0598
214-385-1701 (Fax. 214-663-2390)

5. JOHN DEERE COMPANY

2001 West 94th Street
Bloomington, MN 55431-3211
612-887-6200 (Fax. 612-887-6385)

2. JOHN DEERE COMPANY

2001 Deere Dr.
Conyers, GA 30208
404-922-7040 (Fax. 404-388-2138)

4. JOHN DEERE COMPANY

3210 East 85th Street
Southeast Station
Kansas City, MO 64132-2586
816-361-4000 (Fax. 816-995-9381)

6. JOHN DEERE LIMITED

South Service Road at Hunter
Grimsby, Ontario, Canada L3M 4H5
905-945-9281 (Fax. 905-945-0341)

CUSTOMER SATISFACTION is important to John Deere. We take pride in providing superior service. We'll be around when you need us:

- We maintain a large and varied parts inventory to help minimize downtime.
- Precision tools and testing equipment enable technicians to locate and correct troubles.
- We hold regular training schools for service technicians so they know your equipment and how to maintain it.
- Our goal is to provide prompt, efficient service through competent dealerships.

COMPLAINT-RESOLUTION PROCEDURE

Your dealer is the best and fastest source to solving any problems you may experience with your product.

1. Be prepared with the following information:
 - Machine model and product identification number
 - Date of purchase
 - Nature of problem
2. Discuss problem with dealer service manager.
3. If unable to resolve, see the dealership manager. Explain the problem and request assistance.
4. If you have a persistent problem your dealership is unable to satisfy, ask your dealer to contact the John Deere territory aftermarket manager for resolution.
5. If a problem is not resolved to your satisfaction, contact the appropriate John Deere sales branch for your area and ask to speak with the division aftermarket manager. (See map.)

