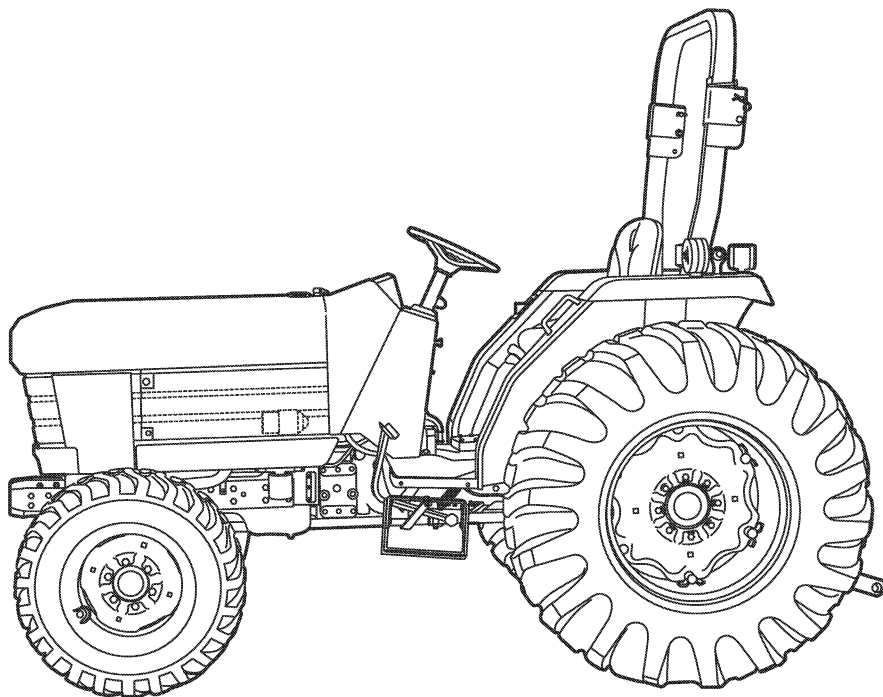


OPERATOR'S MANUAL

T1530

Tractor

ANZ



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English 4/2010



TO THE OWNER

This manual contains information concerning the adjustment and maintenance of your New Holland T1530 tractor. You have purchased a dependable machine, but only by proper care and operation can you expect to receive the performance and long service built into this tractor. Please have all operators read this manual carefully and keep it available for ready reference.

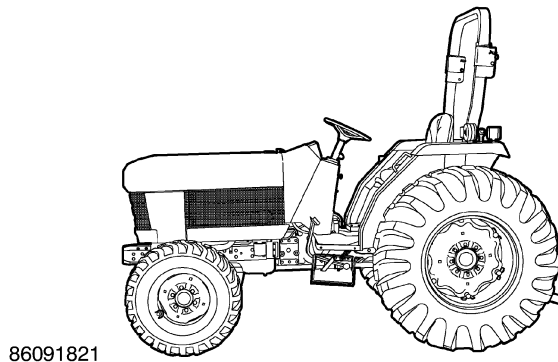
This machine was designed to power and propel itself. It is intended to pull or carry tractor attachments or load and move materials when equipped with a front end loader with a variety of buckets. Only attachments recommended or approved by New Holland should be used with your tractor.

Your New Holland dealer will instruct you in the general operation of your tractor. (Refer to the "Delivery Report" at the back of this manual.) Your dealer's staff of factory-trained service technicians will be glad to answer any questions that may arise regarding the operation of your tractor.

Your New Holland dealer carries a complete line of genuine New Holland service parts. These parts are manufactured and carefully inspected to insure high quality and accurate fitting of any necessary replacement parts. Be prepared to give your dealer the model and PIN number of the engine and tractor, when ordering parts. Locate these numbers now and record them below. Refer to the "General Information" section of this manual for the location of the model and PIN numbers of your tractor.

Model _____

PIN Number _____



WARNING

This safety alert symbol indicates important safety messages in this manual. When you see this symbol, carefully read the message that follows and be alert to the possibility of personal injury or death.

M171C



WARNING

Pictures in this manual may show protective shielding open or removed to better illustrate a particular feature or adjustment.

Be certain, however, to close or replace all shielding before operating the machine.

M1317

IMPROVEMENTS

CNH America LLC is continually striving to improve its products. We reserve the right to make improvements or changes when it becomes practical and possible to do so, without incurring any obligation to make changes or additions to the equipment sold previously.

CONTENTS

SAFETY 0-4

GENERAL INFORMATION 1-1

OPERATION 2-1

LUBRICATION AND MAINTENANCE 3-1

SPECIFICATIONS 4-1

INDEX 4-9

DELIVERY REPORT 4-11

PRECAUTIONARY STATEMENTS

PERSONAL SAFETY



This is the safety alert symbol. It is used to alert you to potential personal injury hazards. Obey all safety messages that follow this symbol to avoid possible injury or death.

Throughout this manual and on machine decals, you will find signal words **DANGER**, **WARNING**, and **CAUTION** followed by specific instructions. These precautions are intended for the personal safety of you and those working with you. Please take the time to read them.



DANGER



DANGER indicates a hazardous situation which, if not avoided, will result in death or serious injury. The color associated with Danger is RED.

M1169A



WARNING



WARNING indicates a hazardous situation which, if not avoided, could result in death or serious injury. The color associated with Warning is ORANGE.

M1170A



CAUTION



CAUTION, used with the safety alert symbol, indicates a hazardous situation which, if not avoided, could result in minor or moderate injury. The color associated with Caution is YELLOW.

M1171A

FAILURE TO FOLLOW DANGER, WARNING, AND CAUTION INSTRUCTIONS COULD RESULT IN DEATH OR SERIOUS INJURY.

MACHINE SAFETY AND INFORMATION

NOTICE is used to address practices not related to personal injury.

NOTICE: The signal word **NOTICE** is used throughout this manual followed by specific instructions. These messages are intended for machine safety, or to identify and present supplementary information.

SAFETY

PRECAUTIONARY STATEMENTS

A careful operator is the best operator. Most accidents can be avoided by observing certain precautions. To help prevent accidents, read and take the following precautions before operating this equipment. Equipment should be operated only by those who are responsible and instructed to do so.

Carefully review the procedures given in this manual with all operators. It is important that all operators be familiar with and Follow safety precautions.

THE TRACTOR

1. Read the Operator's Manual carefully before using the tractor. Lack of operating knowledge can lead to accidents.
2. Use an approved roll bar and seat belt for safe operation. Overturning a tractor without a roll bar can result in death or injury. If your tractor is not equipped with a roll bar and seat belt, see your New Holland Dealer.
3. Always use the seat belt. The only instance when the seat belt should not be used is if the roll bar has been removed from the tractor.
4. If a front end loader is to be installed, always use a FOPS (Falling Object Protective Structure) canopy to avoid injury from falling objects.
5. Use the handholds and step plates when getting on and off the tractor to prevent falls. Keep steps and platform cleared of mud and debris.
6. Do not permit anyone but the operator to ride on the tractor. There is no safe place for extra riders.
7. Keep all safety decals clean of dirt and grime, and replace all missing, illegible, or damaged safety decals. See the list of decals in the Decal section of this manual.

SERVICING THE TRACTOR

1. The cooling system operates under pressure which is controlled by the radiator cap. It is dangerous to remove the cap while the system is hot. Always turn the cap slowly to the first stop and allow pressure to escape before removing the cap entirely.
2. Keep any type of open flame away from the tractor and do not smoke while refueling. Wait for the engine to cool before refueling.

3. Keep the tractor and equipment, particularly brakes and steering, maintained in a reliable and satisfactory condition to ensure your safety and comply with legal requirements.
4. Keep open flame or cold weather starting aids away from the battery to prevent fires or explosions. Use jumper cables according to instructions to prevent sparks which could cause explosion.
5. Stop the engine before performing any service on the tractor.
6. Escaping hydraulic/diesel fluid under pressure can penetrate the skin causing serious injury. If fluid is injected into the skin, obtain medical attention immediately or gangrene may result.
 - DO NOT use your hand to check for leaks. Use a piece of cardboard or paper to search for leaks.
 - Stop the engine and relieve pressure before connecting or disconnecting lines.
 - Tighten all connections before starting the engine or pressurizing lines.
7. Do not modify or permit anyone else to modify or alter this tractor or any of its components or functions without first consulting a New Holland Dealer.
8. The fuel oil in the injection system is under high pressure and can penetrate the skin. Unqualified persons should not remove or attempt to adjust a pump, injector, nozzle, or any other part of the fuel injection system. Failure to follow these instructions can result in serious injury.
9. Continuous long-term contact with used engine oil may cause skin cancer. Avoid prolonged contact with used engine oil. Wash skin promptly with soap and water.

-
10. Some components of your tractor, such as gaskets and friction surfaces (brake linings, clutch linings, etc.) may contain asbestos. Breathing asbestos dust is dangerous to your health. You are advised to have any maintenance or repair on such components carried out by an authorized New Holland Dealer. However, if service operations are to be undertaken on parts that contain asbestos, the essential precautions listed below must be observed:
 - Work out of doors or in a well ventilated area.
 - Dust found on the tractor or produced during work on the tractor should be removed by extraction, not by blowing.
 - Dust waste should be dampened, placed in a sealed container, and marked to ensure safe disposal.
 - If any cutting, drilling, etc. is attempted on materials containing asbestos, the item should be dampened and only hand tools or low speed power tools used.
 9. Pull only from the drawbar or the lower link drawbar in the down position. Use only a drawbar pin that locks in place. Pulling from the tractor rear axle or any point above the axle may cause the tractor to upset.
 10. If the front end of the tractor tends to rise when heavy implements are attached to the three-point hitch, install front end or front wheel weights. Do not operate the tractor with a light front end.
 11. Always set the hydraulic selector lever in position control when attaching or transporting equipment. Ensure hydraulic couplers are properly mounted and will disconnect safely in case of accidental detachment of implement.
 12. Do not leave equipment in the raised position.
 13. Use the flasher/turn signal lights and SMV signs when traveling on public roads both day and night (unless prohibited by law).
 14. When operating at night, adjust lights to prevent blinding oncoming drivers.

OPERATING THE TRACTOR

1. Before starting the tractor, apply the parking brake, place the PTO lever in the "OFF" position, the lift control lever in the down position, the remote control valve levers in the neutral position, and the transmission in neutral.
2. Always sit in the tractor seat when starting the engine or operating controls. Do not start the engine or operate controls while standing beside the tractor.
3. Do not bypass the neutral start switches. Consult your New Holland Dealer if your neutral start controls malfunction. Use jumper cables only in the recommended manner. Improper use can result in tractor runaway.
4. Avoid accidental contact with the gear shift lever while the engine is running, as this can cause unexpected tractor movement.
5. Before getting off the tractor, disengage the PTO, turn the engine off, and apply the parking brake. Never get off the tractor while it is in motion.
6. Do not park the tractor on a steep incline.
7. Do not operate the tractor engine in an enclosed building without adequate ventilation. Exhaust fumes can cause death or illness.
8. If the power steering or engine ceases operating, stop the tractor immediately.

DRIVING THE TRACTOR

1. Watch where you are going, especially at row ends, on roads, around trees and low hanging obstacles.
2. To avoid upsets, drive the tractor with care and at a safe speed. Use extra caution when operating over rough ground, when crossing ditches or slopes, and when turning corners.
3. To provide two-wheel braking, lock tractor brake pedals together when transporting on roads.
4. Do not coast or free wheel down hills. Use the same gear when going downhill as is used when going uphill.
5. Any towed vehicle with a total weight exceeding that of the towing tractor should be equipped with brakes for safe operation.
6. If the tractor becomes stuck or the tires become frozen to the ground, back up the tractor to prevent upset.
7. Always check overhead clearance, especially when transporting the tractor.
8. When operating at night, adjust lights to prevent blinding oncoming drivers.

OPERATING THE PTO

1. When operating PTO driven equipment, shut off the engine and wait until the PTO stops before getting off the tractor and disconnecting the equipment.
2. Do not wear loose clothing when operating the power take-off or when near rotating equipment.
3. When operating stationary PTO driven equipment, always place both gear shift levers in neutral, apply the tractor parking brake, and block the rear wheels front and back.
4. To avoid injury, do not clean, adjust, unclog, or service PTO driven equipment when the tractor engine is running.
5. Ensure the PTO master shield is installed at all times. Always replace the PTO shield cap when the PTO is not in use.

DIESEL FUEL

1. UNDER NO CIRCUMSTANCES should gasoline, alcohol, or blended fuels be added to diesel fuel. These combinations can create an increased fire or explosive hazard. Such blends are more explosive than pure gasoline in a closed container such as a fuel tank. **DO NOT USE THESE BLENDS.**
2. Never remove the fuel cap or refuel with the engine running or hot.
3. Do not smoke while refueling or when standing near fuel.
4. Maintain control of the fuel filler pipe nozzle when filling the tank.
5. Do not fill the fuel tank to capacity. Allow room for expansion.

6. Wipe up spilled fuel immediately.
7. Always tighten the fuel tank cap securely.
8. If the original fuel tank cap is lost, replace it with a New Holland approved cap. A non-approved, proprietary cap may not be safe.
9. Keep equipment clean and properly maintained.
10. Do not drive equipment near open fires.
11. Never use fuel for cleaning purposes.
12. Arrange fuel purchases so that winter grade fuels are not held over and used in the spring.
13. Use low sulfur fuel.

SAFETY FRAME (ROPS)

Your New Holland tractor is equipped with a safety frame. It must be maintained in a serviceable condition. Be careful when driving through doorways or working in confined spaces with low headroom.

UNDER NO CIRCUMSTANCES should you:

- modify, drill, or alter the safety frame in any way. Doing so may render you liable to legal prosecution.
- attempt to straighten or weld any part of the main frame or retaining brackets which have suffered damage. Doing so may weaken the structure and endanger your safety.
- secure any parts on the main frame or attach your safety frame with anything other than the special high tensile bolts and nuts specified.
- attach chains or ropes to the main frame for pulling purposes.
- take unnecessary risks even though your safety frame affords you the maximum protection possible.



WHEN YOU SEE THIS SYMBOL

IT MEANS:

ATTENTION!

BECOME ALERT!

YOUR SAFETY IS INVOLVED!

OPERATOR PROTECTIVE STRUCTURE

⚠ WARNING ⚠

Your machine is equipped with an operator Protective Structure, such as: a Rollover Protective Structure (ROPS) or Falling Object Protective Structure (FOPS) or Cab with ROPS. A ROPS may be a cab frame or a two-posted or four-posted structure used for the protection of the operator to minimize the possibility of serious injury. The mounting structure and fasteners forming the mounting connection with the machine are part of the ROPS.

The Protective Structure is a special safety component of your machine.

DO NOT attach any device to the Protective Structure for pulling purposes. DO NOT drill holes to the Protective Structure.

The Protective Structure and interconnecting components are a certified system. Any damage, fire, corrosion or modification will weaken the structure and reduce your protection. If this occurs, the **Protective Structure MUST be replaced** so that it will provide the same protection as a new Protective Structure. Contact your dealer for Protective Structure inspection and replacement.

After an accident, fire, tip or roll over, the following **MUST** be performed by a qualified technician before returning the machine to field or job site operation:

- The Protective Structure **MUST be replaced**.
- The mounting or suspension for the Protective Structure, operator seat and suspension, seat belts and mounting components and wiring within the operator's protective system **MUST** be carefully inspected for damage.
- All damaged parts **MUST be replaced**.

DO NOT WELD, DRILL HOLES, ATTEMPT TO STRAIGHTEN OR REPAIR THE PROTECTIVE STRUCTURE. MODIFICATION IN ANY WAY CAN REDUCE THE STRUCTURAL INTEGRITY OF THE STRUCTURE WHICH COULD CAUSE DEATH OR SERIOUS INJURY IN THE EVENT OF FIRE, TIP, ROLLOVER, COLLISION OR ACCIDENT.

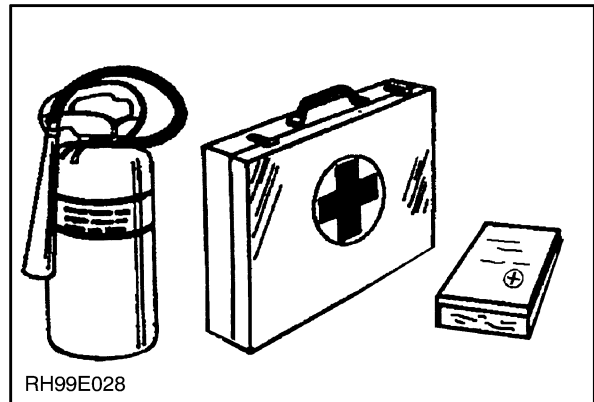
If the ROPS is lowered or removed from the power unit for any reason, it must be erected and/or refitted immediately. Original bolts or equivalent replacements must be used and tightened to the correct torque.

New Holland does not recommend the use of the mower with the ROPS removed.

If you have a foldable ROPS, it can be folded down for mower storage. It **must** be pinned in the upright position prior to machine operation.

SERVICE AREA, FIRE EXTINGUISHER, FIRST AID KIT

NOTICE: Keep the area used for servicing the machine clean and dry. Wet or oily floors are slippery. Wet spots can be dangerous when working with electrical equipment. Be sure all electrical outlets and tools are properly grounded.



Do Not Operate Tag

Before you start servicing the machine, attach a "Do Not Operate" warning tag to the machine in an area that will be visible.

<p>DO NOT OPERATE</p> <p>REASON</p> <p>_____</p> <p>_____</p> <p>_____</p> <p>_____</p> <p>SIGNED BY: _____</p>	<p>DO NOT REMOVE THIS TAG!</p> <p>SEE OTHER SIDE</p>
--	---

RH99E029

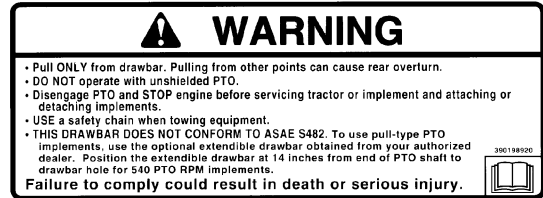
SAFETY DECALS

The following safety decals have been placed on your machine in the areas indicated. They are intended for your personal safety and for those working with you. Please take this manual and walk

around your machine to note the content and location of these warning signs. Review these warning signs and the operating instructions detailed in this manual with your machine operators.



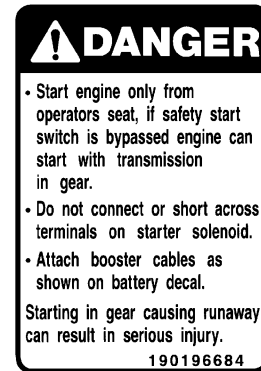
DANGER: Explosive/Acid - Poison
 PART NO: SBA390197660
 LOCATION: Upper Part of hood support



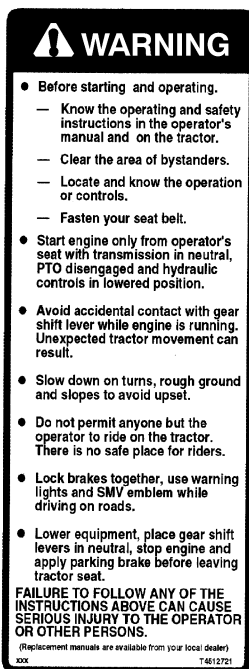
WARNING: Pull Only From Drawbar
 PART NO: SBA390198920
 LOCATION: Top of PTO Shield



WARNING: To Jump Start
 PART NO: SBA490990571
 LOCATION: On Radiator



DANGER: Start Engine Only
 From Operator's Seat
 PART NO: SBA190196684
 LOCATION: On Starter Motor



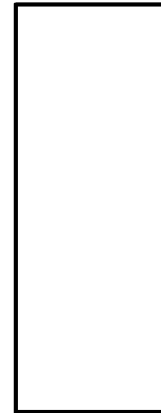
WARNING: Before Starting
 and Operating
 PART NO: SBA390198380
 LOCATION: Center of
 Left Fender



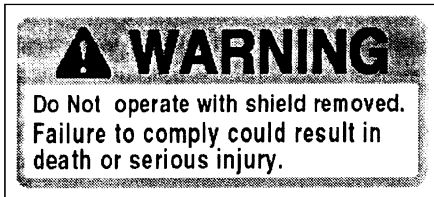
WARNING: Rotating Fan and Belts
 PART NO: SBA390198470
 LOCATION: Both Sides of Radiator



WARNING: Operate Controls Only
From Tractor Seat
PART NO: SBA390198710
LOCATION: Inner RH & LH Fender
Behind ROPS



Red Reflective Tape
PART NO: SBA385150260
LOCATION: Rear Surface of
RH & LH ROPS Uprights



WARNING: Do Not Operate
with Shield Removed
PART NO: SBA390198480
LOCATION: RH & LH Front of Dashboard
and RH Engine Side Shield



DANGER: Seat Belt/ROPS
PART NO: SBA390197531
LOCATION: Top Under Side of ROPS



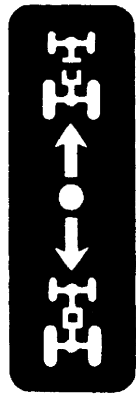
WARNING: Cooling System Operates
Under Pressure
PART NO: SBA390198721
LOCATION: Upper Rear of Radiator Screen

INSTRUCTION DECALS

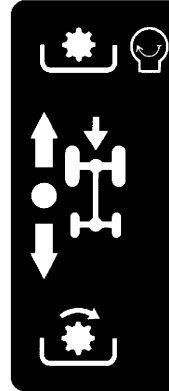
Range Selector
Lever
(12 x 12)
PART NO:
SBA390174470
LOCATION:
Left Side Quadrant



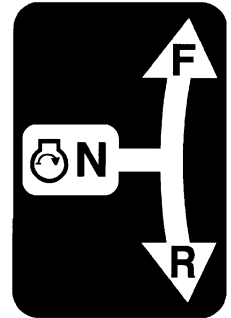
Front-Wheel
Drive Control
Lever
PART NO:
SBA390173871
LOCATION:
Below Seat Pan
Back of Lever



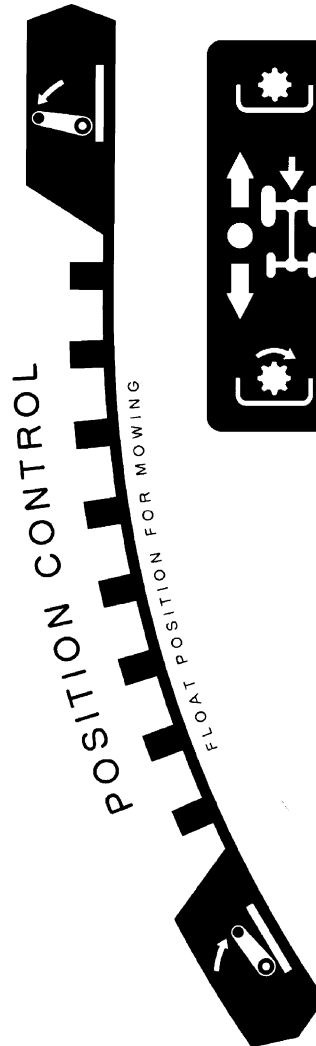
PTO Engagement
PART NO:
SBA390174161
LOCATION:
Left Control
Quadrant



Forward/Reverse
Shuttle Lever
(12 x 12)
PART NO:
SBA390174131
LOCATION: Left
Side of Dash



Range Selector Lever
- Hydrostatic
PART NO:
SBA390174460
LOCATION:
On the Lever Guide



Position Control
Lever
PART NO:
SBA390372490
LOCATION:
Right Side Fender



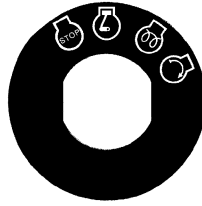
Operating Remote
Control Valve-Single
Spool (Optional)
PART NO:
SBA390372560 -
Green #1 Valve
PART NO:
SBA390372810 -
Blue #2 Valve
LOCATION:
Right Side Quadrant



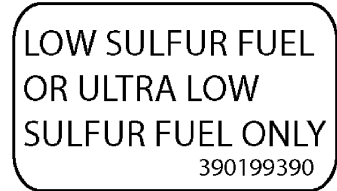
Draft Control Lever (Optional)
PART NO:
SBA390372531
LOCATION:
Right Lever Guide



Hyd. Manifold Operation
 (See Operator's Manual)
 PART NO: SBA390198320
 LOCATION:
 Right-Hand Side of Hyd.
 Manifold/Air Filter Cap



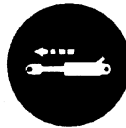
Starter Switch
 PART NO: SBA390197280
 LOCATION:
 Starter Switch, Right Side
 of Instrument Panel



Low Sulfur Fuel
 PART NO: SBA390199390
 LOCATION: Underside of Fuel Fill
 Lid



Diesel Fuel
 PART NO: SBA390198340
 LOCATION: Underside of
 Fuel Fill Lid



Coupler-Extending
 (With double spool control valve)
 PART NO: 86532920



Coupler-Retracting
 (With double spool control valve)
 PART NO: 86532919



Coupler-Extending
 (With double spool control valve)
 PART NO: 86532921



Coupler-Retracting
 (With double spool control valve)
 PART NO: 86532922

Lubrication and
 Maintenance Intervals
 PART NO:
 SBA390199311
 LOCATION:
 Underside of Hood

WATCH YOUR PROOF METER HOURS LUBRICATION AND MAINTENANCE SERVICE INTERVALS				
LUBRICATION AND MAINTENANCE ITEM	CHECK	CLEAN	LUBE OR OIL	SERVICE INTERVAL
Radiator Coolant	*			Every
Engine Oil Level	*			50 Hours or Daily
Air Cleaner	*			
Transmission Oil Level	*			
Front DR Oil Level	*			
Front Axle Oil Level	*			
Tires	*			
Clutch Pedal	*	*	*	
Battery	*			
Lubrication: Linkage			*	Every 50 Hours
Steering linkage			*	
3-point linkage			*	
Pedal Shaft			*	
Pedal Shaft			*	
Brake Pedal			*	
Drive Shaft Cover			*	
H.S.T. Foot Pedal Shaft			*	
Power Steering			*	
Fuel Filter	*			Every 120 Hours
Air Cleaner	*			
Engine Oil			*	Every 200 Hours
Engine Oil Filter			*	
Fan Belt	*			
Driveshafts			*	
Fuel Filter			*	
H.S.T. Cartridge Filter			*	Every 300 Hours
Front Axle Oil			*	
Front DR Oil			*	
Hydraulic Filter			*	
Transmission Oil			*	
Fuel Injectors	*			Every 600 Hours
Valve Clearance	*			
Front Wheel Bearings	*	*		
Radiator Coolant			*	Seasonal
Air Cleaner Element			*	

Refer to your Operator's Manual for
 additional information. 390199311

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