



SKID STEER SLASHER OPERATION MANUAL



Quality Certification

Products: Skid Steer Slasher

Model:

No:

Inspector:

Date of manufacture:

Hereby certify that all machine parts manufactured and supplied were tested by our Workers Quality Division for accuracy to sizes and for quality.

Product		Warranty	Remark
Main Unit	Hydraulic motor	12 Months	Provided necessary maintenance has been undertaken
	Drive Assembly	12 Months	
Blades		N/A	
Hydraulic Hoses		N/A	

SAFETY PRECAUTIONS

I. Instructions to customers:

Before using the SKID STEER SLASHER, the customer must carefully read the operation manual to ensure the correct use of the SKID STEER SLASHER. If the operation manual is not carefully read, and the SKID STEER SLASHER is missused, the manufacturer will not be responsible.

II. Instructions for operators:

Before using the SKID STEER SLASHER, the operator must carefully read the operation manual and operate in strict accordance with the requirements of the operation manual, otherwise, the manufacturer will not be responsible for the damage caused by the operator's failure for not reading the operation manual or not conducting formal and systematic training.

III. Replacement of parts:

The customer should use manufacturer original parts when purchasing the SKID STEER SLASHER from the manufacturer, otherwise the manufacturer will not be responsible for the damage caused by the after market parts.

IV. Pipelines:

When customers use the SKID STEER SLASHER, they should use special and matching pipelines, and every time they dismantle them, they should make sure that the pipelines and joints are clean. If impurities are taken into the system when disassembling leading to hydraulic components being damaged, the manufacturer will not be responsible.

V. Use of hydraulic oil:

The oil on the skid steer should be changed frequently according to the service life of the skid steer. If the oil products are not changed in time, the manufacturer will not be responsible for the damage of the Skid Steer Slasher.

VI. Operating Environment:

Carefully observe the construction site and strictly observe the construction safety regulations to prevent safety accidents. It is forbidden to operate machines with drugs such as alcohol or doping. Preheat before operation; After the job or when just stopping the job, you must confirm whether the device stops the job completely.

The operator needs to understand flying debris from striking timber, rocks or other projectiles present a risk of injury or death to people.

Ensure a safe working distance between people and the SKID STEER SLASHER.

Disclaimer

The manufacturer shall be responsible for the SKID STEER SLASHER quality problems themselves, but shall not be responsible for other related problems such as delays, industrial injuries caused by quality problems or other reasons.

Importance of Safety

Operating Safety

- Read and follow instructions in this manual and the machine's Operators Manual before operating.
- Under no circumstances should young children be allowed to work with this equipment.
- This equipment is dangerous to persons unfamiliar with its operation.
- Check for overhead and/or underground lines before operating equipment (if applicable).
- In addition to the design and configuration of equipment, hazard control and accident prevention are dependent upon the awareness, concern, prudence and proper training of personnel involved in the operation, transport, maintenance and storage of equipment.
- Check that the attachment is securely fastened to the machine.
- Make sure all the machine controls are in the NEUTRAL before starting the machine.
- Operate the equipment only from the operator's position.
- Operate the equipment according to the Operator's Manual.
- When learning to operate the equipment, do it at a slow rate in an area clear of bystanders.
- DO NOT permit personnel to be in the work area when operating the equipment.
- The equipment must be used ONLY on approved machines.
- DO NOT modify the equipment in any way. Unauthorized modification may impair the function and / or safety and could affect the life of the equipment.
- DO NOT make any adjustments or repairs on the equipment while the machine is running.
- Keep shields and guards in place. Replace if damaged.
- DO NOT operate equipment in poor visibility conditions such as fog, darkness, or any conditions that limit clear visibility less than 300 feet (100 m) in front of and to the sides of the equipment.

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- When conditions make it necessary to slow ground speed, shift to a lower gear rather than reducing engine speed. The engine will maintain rated speed and keep cutter running at optimum cutting speed.
 - DO NOT operate in a work area that has not been inspected for foreign debris and obstacles.
 - Remove any foreign objects and clearly mark any objects that cannot be removed.
 - Wear safety glasses, gloves, hearing protection and other protective clothing when required.

Machine Requirements And Capabilities:

- The machine's operator's cab should be equipped with a thermoplastic polycarbonate or similar material front window, and similar protection on the sides of the operator's cab before operating the equipment.
- Keep bystanders clear of moving parts and the work area.
- Keep children away.
- DO NOT exceed 4000psi (275bar) operating pressure.
- Use caution on slopes and near banks and ditches to prevent overturn.

Fire Prevention Safety

- Flammable debris (leaves, grass, etc.) must be removed regularly. If flammable debris is allowed to accumulate, it can cause a fire hazard. Clean often to avoid this accumulation.
- The equipment's hydraulic motor compartment must be inspected everyday and cleaned if necessary to prevent fire hazards and overheating.
- All fuels, most lubricants and some coolant mixtures are flammable. Flammable fluids that are leaking or spilled onto hot surfaces or onto electrical components can cause a fire.

Transporting Safety

- Comply with state and local laws governing highway safety and movement of machinery on public roads.
- Check local laws for all highway lighting and marking requirements.
- Always yield to oncoming traffic and move to the side of the road so any following traffic may pass.
- Never allow riders on either machine or equipment.
- If transporting the SKID STEER SLASHER on a truck or trailer, make sure the SKID STEER SLASHER is properly secured to the transport vehicle.

Hydraulic System

- Check hydraulic tubes, hoses and fittings for damage and leakage. Never use open flame or bare skin to check for leaks. Hydraulic tubes and hoses must be properly routed and have adequate support and secure clamps. Tighten or replace any parts that show leakage.
- Always clean fluid spills. Do not use gasoline or diesel fuel for cleaning parts. Use commercial non flammable solvents.

General Information

Pre-Operation Inspection

Before operating the Severe Duty Brush Cutter for the first time and each time thereafter, use the following list as a guideline during equipment inspection.



AVOID SERIOUS INJURY OR DEATH

- Disengage machine's auxiliary hydraulics, engage the machine's parking brake, stop the engine and make sure all rotating components are completely stopped before connecting, disconnecting, adjusting or cleaning equipment.
- Always keep shields and all guards in place when using the equipment.
- Disengage machine's auxiliary hydraulics for road travel.
- Keep hands, feet and clothing away from rotating parts.
- Check the SKID STEER SLASHER mounting plate for damage. Check for loose or missing parts. Repair as needed before operation.
- Check all welds on the attachment for wear and damage each time the attachment is removed from the machine.
- Check for damaged or missing safety decals. Replace if necessary.
- Inspect the safety chain for damage.
- Inspect the machine's mounting frame. Replace any parts that are damaged, bent or missing. Keep all fasteners tight. Look for cracked welds.
- Verify that the SKID STEER SLASHER is properly connected to the machine.

Attachment Inspection

Daily Inspection

NOTE: Inspect the attachment by performing a walk around daily before and after use.

Use the following inspection checklist as a guideline.

Check the following items ever 10 hours of operation:

- Verify that the SKID STEER SLASHER is properly connected to the machine.
- Check that all shields and guards are in place.
- Check hydraulic lines, connections and fittings for hydraulic oil leaks. Repair or replace damaged parts if necessary.
- Check the SKID STEER SLASHER mounting hardware for wear or damage. Inspect the pins and mount (on the attachment) for wear or damage. Repair or replace damaged parts if necessary.

Weekly Inspection

Check the following item ever 40 hours of operation:

- Check blade bolts for correct torque.
- Check all bolts for tightness.
- Inspect the deck for cracks, bends, or damage.
- Inspect discharge chains and replace any missing or broken chains.

Monthly Inspection

- Inspect the blades for cracks, bends, or excessive wear.
- Check skid plates for wear.
- Check that all bolts are tight.
- Check blades and mounting plate for cracks or damage. Replace if necessary.
- Check blade mounting hardware for correct torque. Check mounting plate hardware.
- Check chains, deck, shields and guards. Repair if damaged or replace if necessary.
- Check for damaged or missing decals. Replace if necessary.
- Check for damaged or leaking hydraulic hoses or fittings. Replace if necessary.
- Clean all debris, leaves, grass and flammable material from deck area and under covers.
- Lubricate as required.



WARNING



AVOID SERIOUS INJURY OR DEATH

Before servicing the attachment:

- Always park on a flat level surface.
- Lower lift arms and place attachment flat on the ground.
- Place all controls in NEUTRAL.
- Engage the park brake.
- Wait for all moving parts to stop.
- Stop the engine and remove the key.

INSTALLATION

The slasher was shipped complete with appropriate mounting for your specific unit.
Hoses and couplers of proper length and size must be furnished by you or your dealer.

NOTE: Recommends a case drain be installed for motor longevity.

NOTICE! AVOID HOSE DAMAGE. Route hoses away from hot and/or moving parts.
Install hydraulic hoses, adapter fittings and quick disconnects as required.

WARNING! TO AVOID SERIOUS PERSONAL INJURY. Hoses must be rated for 350 bar or greater.
Secure all hoses with hose clamps or zip ties.

Install the slasher by following your skid steer operator's manual for installing an attachment.

Start engine and slowly cycle the auxiliary circuit several times to purge system of air and check for proper hydraulic connection, hose routing and hose length.

Check the attachment for proper direction, installation and hydraulic leaks.

WARNING! TO AVOID SERIOUS PERSONAL INJURY make sure the slasher is securely engaged and locked to the attachment mechanism of your unit.

Failure to do so could result in separation of the attachment from the unit.

NOTE: If blade rotation fails to start, switch the quick connect couplers on the end of the brush cutter hoses. The hoses have built in pressure reliefs that will only allow one of the hoses to accept the supply from the host machine. To reverse the direction of the cutting blades, switch the hose connection where they attach to the motor.

HYDRAULIC CONNECTIONS-CASE DRAIN LINE FITTING

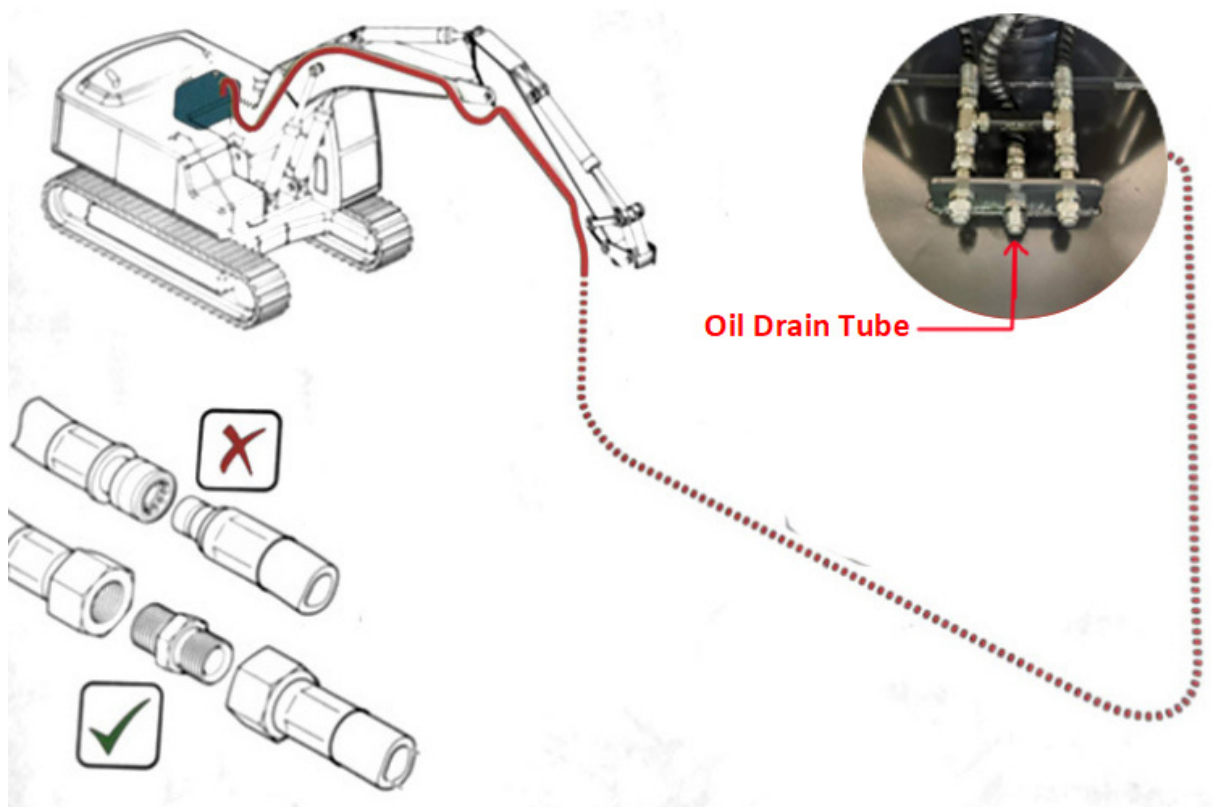
The SKID STEER SLASHERS are fitted with a case drain line.

This is a flexible hose protruding from the drive unit hood and must be connected to a line that returns to the machined hydraulic fluid reservoir,.

The parts required to complete this circuit will vary, depending on the machine and the hydraulic equipment fitted.

When fitting a case drain line, there must be no restrictions to the flow between the drive unit and the reservoir.

You MUST not use quick release couplings.



Attachment Installation

! IMPORTANT !

Entering The Operator's Position

Use the attachment safety treads, handles and steps (on the machine) to enter the operator's position. When in the operator's position, lower safety seat bar, start the engine and release the parking brake.

Leaving The Operator's Position

 **WARNING** 



CRUSH HAZARD

- Before moving the machine, look in all directions and make sure no bystanders, especially small children are in the work area. Do not allow anyone between the machine and attachment when approaching the attachment for connecting.
- Keep fingers and hands out of pinch points when connecting and disconnecting attachment.
- Drive the machine slowly forward, until the top edge of the machine's mounting plate is under the top flange of the attachment mounting frame.

Connecting Attachment To The Machine

Slowly tilt the machine's mounting plate back until the attachment mounting frame fully contacts the front of the machine's mounting plate

Operating The Attachment

! DANGER !

FLYING DEBRIS OR OBJECTS WILL CAUSE SERIOUS INJURY OR DEATH

To protect the operator from any flying debris or objects, it is important that the machine's operator's cab should be equipped with a thermoplastic polycarbonate or similar material front window, and similar protection on the sides of the operator's cab before operating the SKID STEER SLASHER.

! WARNING !

THROWN OBJECTS OR ROTATING BLADES CAN CAUSE SERIOUS INJURY OR DEATH

- Clear work area of all debris, such as rope, wire, cable or other materials that can wrap around blade carrier and blades, causing entanglement and attachment damage.
- DO NOT operate slasher in vicinity of bystanders, animals, or damageable property. Objects can be thrown more than several hundred feet.
- Keep all chains and shields installed. Repair or replace if damaged or missing .
- Check blade carrier, blades and mounting hardware. Replace if damaged. Never weld or modify.

! DANGER !

ROTATING BLADES WILL CAUSE SERIOUS INJURY OR DEATH

- Never put hands, feet or objects into or under slasher when engine is running.
- Keep bystanders away.
- No riders.
- Stop engine before leaving the machine servicing.

WARNING

Never allow riders on the brush cutter.

! IMPORTANT !

DO NOT operate slasher when excessive vibration is present.

- Serious damage can result. Check blade carrier, blades and mounting hardware. Replace if damaged.
- DO NOT operate in a work area that has not been cleared of foreign debris and obstacles.
- Rocks, metal, construction debris and other objects can damage the blade carrier and blades.
- Clearly mark any objects that cannot be removed.

Service Schedule

Maintenance Intervals

DESCRIPTION	SERVICE PROCEDURES					
	CHECK	CLEAN	LUBE	CHANGE	ADJUST	DRAIN
Daily Maintenance (or every 8 hours)						
Hydraulic Fittings	X					
Hydraulic Hoses	X					
Hydraulic Motor	X	X				
Blades (wear, damage, and loosening)	X					
Blade Carrier	X					
All Hardware	X					
Deck	X	X				
Chain Guard	X					
Safety Chain	X					
Drive Assembly	X		X			
Weekly Maintenance (or every 40 hours)						
Blade Torque Bolt	X					
All Hardware	X					
Deck (cracks, bends or damage)	X					
Chain Guard (replace missing/broken chains)	X					
Safety Chain	X					
Monthly Maintenance						
Blades (cracks, bends, or excessive wear)	X					
Skid Plates	X					
All Hardware	X					

WARRANTY STATEMENT

The Warranty does not cover the following:

1. Normal wear and tear.
2. Faults or failures due to incorrect dealer assembly, pre delivery inspection or installation.
3. Faults or failures due to use under load conditions greater than the design specification.
4. Transportation costs of parts.
5. Consequential loss of any description.

Users must be operated in accordance with the recommended procedures and within the ranges specified on the SKID STEER SLASHER Unit and stated in the operating manual.

Any claims under this warranty must be made in writing within fourteen (14) days of the fault occurring.

Any claims not received within 14 days may be deemed invalid.

Any goods returned by the customer, under warranty or for repair, must be freight paid unless authorised in writing.