

SKID LOADER PREPARATOR

OPERATING INSTRUCTIONS

NOTE: Read the skid loaders operator's manual for connecting and removing instruction.

Position hydraulic hoses so they will not be pinched when connecting the preparator.
The skid steer coupler handles should be in the unlocked position, and the lock pins retracted.
Move to the skid steer operator seat and start engine.
Lower skid steer lift arms to their lowest position.
Carefully move and align the skid steer to the preparator.
The top of the skid steer coupler must index into the preparator flange.
Roll the skid steer coupler into the preparator so the coupler handles can be engaged.
Shut off the engine, set brake, and remove key.
Move the skid steer coupler handles to the locked position.
The lock pins must be completely extended and secured into the slots provided on the preparator.
Connect hydraulic hoses to skid steer auxiliary quick couplers.
Make sure that the skid shoes are in the correct position.
Make sure that the track scratchers are in the correct position.
Use the hydraulics on your power unit to properly position the rotor and bucket.
Activate the auxiliary hydraulics on your power unit to rotate the rotor in the correct direction.
Increase your engine speed to the desired level, and slowly move your power unit in the correct direction.
Gradually increase the ground speed until the desired balance between operating results and efficiency is achieved.

ROCK COLLECTION

This operation is where surface rocks are collected in the bucket.
The teeth should move toward the bucket when contacting the soil.
The power unit should move in a forward direction when mounting the attachment in front of the power unit, and backward for 3 point mounting.
The larger the rocks are the slower the ground speed.
The loader should be in the float position.

SOIL TILLAGE AND FOILAGE UPROOTING

This operation is for loosening undisturbed soil and uprooting foliage.
The teeth should move away from the bucket when contacting the soil.
The power unit should move in a reverse direction when mounting the attachment in front of the power unit.
The loader should not float.

FLAT MODE ROUGHING OR ANGLED MODE ROUGHING

These operations scarify, rake materials into piles, windrows, and fill depressions.
The teeth should move toward the bucket when contacting the soil.
The power unit should move in a reverse direction when mounting the attachment in front of the power unit.
The loader should not float.

FINISHING PASS

This operation is for the collection of rocks and debris in the soil.
The teeth should move toward the bucket when contacting the soil.
The power unit should move in a reverse direction when mounting the attachment in front of the power unit.
The loader should be in float position.

DUMPING THE BUCKET

Shut off the auxiliary hydraulics.
Raise the unit about four feet above the ground.

Dump the bucket.

TROUBLESHOOTING

Problem:

Rotor does not turn.

Cause:

Rotor drive chain is broken.

Rotor bearing is seized.

Problem:

Loss of power to rotor.

Cause:

Hydraulic fitting is leaking.

Low level of hydraulic fluid in the power unit.

Problem:

Brush does not sweep against the rotor.

Cause:

Brush drive is broken.