

MAINTENANCE & DISMOUNTING

BEFORE DOING ANY MAINTENANCE OR DISMOUNTING AN ACCESSORY, REFER TO THE SAFETY PRECAUTIONS.

MAINTENANCE

1. Check oil level in gear box every fifty hours and fill to plug level with SAE-90-EP oil when necessary.
2. Grease the wheel axles after every eight hours of use.
3. Roller chain: do not lubricate when used in dusty conditions. After use, wash clean and lubricate.
4. Adjust the roller chain frequently by moving the chain idler sprocket to give 1/2" deflection.
5. Frequently clean the interior and exterior of hood. Dirt, mud, ice, etc, accumulation adds weight on the brush and could result in premature wear of brush.

BRUSH REPLACEMENT:

See parts breakdown section for parts identification.

1. Remove the hood (item 53).
2. Loosen the chain idler sprocket (item 24).
3. Remove the bolts (item 22) from both flangettes (item 68) that holds the brush hollow shaft.
4. Remove the brush hollow shaft (item 52) from the broom frame (item 31).
5. Loosen the set screw and remove the right bearing (item 50) from the brush hollow shaft
6. Remove the bolt (item 51) which retains the brush to the brush hollow shaft.
7. Remove the brush tube from axle.
8. Install the new brush by reversing the procedure.
9. Adjust the tension on the chain by moving the idler sprocket to give a 1/2" deflection on the chain.

DISMOUNTING

1. Select a level surface, set parking brake, stop the engine, and remove the ignition key to prevent accidental starting.
2. Straighten the broom perpendicular with the tractor.
3. Set the parking stands in their most extended position Make sure the brush bristles never touch the ground.
4. Lower the broom to the ground.
5. Remove the hair pin from the handle and remove handle.
6. Loosen and remove the belt from the tractor drive pulley and idlers. Disconnect and remove the driveline if applicable.
7. Detach the broom from the subframe by lifting the spring locks and pulling back the broom one side at a time.
8. Remove the rear counterweights.

END OF SEASON STORAGE

1. Clean the broom and inside of the hood and paint all the parts where the paint has worn off.
2. Take note of the replacement parts needed for next season.
3. Lubricate all grease fittings and all moving parts.
4. Store broom on parking stands. Make sure the brush bristles never touch the ground.
5. If brush bristles are exposed to direct sunlight, protect the bristles with a tarp.
6. Store the broom in a dry place.