Assembly & Set-Up

Contents of Carton

- One Chipper/Shredder Vacuum
- One Upper and Lower Handle
- One Bottle of Oil
- One Operator’s Manual
- One Hose Assembly
- One Engine Operator’s Manual
- One Bag
- One Safety Glasses

Assembly

NOTE: This unit is shipped without gasoline or oil in the engine. Fill up gasoline and oil as instructed in the accompanying engine manual BEFORE operating your chipper shredder vacuum.

Handle

1. Remove the hairpin clips from the handle brackets and the carriage screws and wing nuts from the lower handle.
   a. Place the bottom holes in lower handle over the pins on the handle brackets with notch in handle pointing downwards and secure with hairpin clips. See Figure 3-1.

2. Unfold the upper handle until it aligns with lower handle. Make sure the rope guide is on the right side of upper handle. See Figure 3-2A.

Figure 3-2

3. Secure the two handles by tightening the star knobs (carriage bolts must be seated properly into the handle). See Figure 3-2B.

Figure 3-1

b. Insert carriage screws through upper hole in lower handle from the inside and secure with wing nuts. See Figure 3-1.
4. Loosen the wing nut that secures the rope guide to the right side of upper handle.
   a. Slowly pull starter rope out of engine.
   b. Slip the starter rope into the rope guide. See Figure 3-3.
   c. Tighten the wing nut.

Hose Assembly
1. Slide hose adapter of hose assembly into the base adapter located on the left front of the Chipper shredder Vacuum. See Figure 3-4A.

2. Pull spring loaded pin out on the base and align pin with the first hole (closest to the end of the tube) in the hose adapter. See Figure 3-4B.
3. Release the pin to lock the hose in place.
4. Lay hose tubing in curved end of hose handle next to chipper chute and into hose cradle. See Figure 3-5A & B.

5. Snap the hose handle first into the upper hose handle bracket and then into the lower hose handle bracket. See Figure 3-5C.
Bag

1. Grasp bag handle with one hand and slide locking rod on mounting bracket with other hand toward engine. Use the end of mounting bracket as leverage when sliding the locking rod. See Figure 3-6.

2. Slip bag over the rim of the discharge opening and release locking rod to secure bag in place.

3. Snap bag clip to the top of the lower handle.

4. Place the lower straps on the bag over the top of lower handle, hooking them on the studs. See Figure 3-6.

NOTE: The bag/chute switch button attached to the mounting bracket must be fully depressed by the tip of front tab on bag handle when securing the bag or engine will not start.

Adjustments

Nozzle Height

The nozzle can be adjusted to any six positions, ranging from 5/8" to 4 1/8" ground clearance. The nozzle height has to be adjusted according to chipper shredder conditions.

1. Depress nozzle height adjustment lever towards wheel. See Figure 3-7.

2. Move the height adjustment lever forward or backward to adjust the nozzle upwards or downwards. Make sure both levers are in the same position.

3. Release lever towards deck. See Figure 3-7.

NOTE: In general, raise the nozzle height to vacuum a thick layer of leaves. Lower the nozzle height for smoother surfaces.

Set-Up

Gas and Oil Fill-Up

Refer to the separate engine owner's manual for additional engine information.

1. Add oil provided before starting unit for the first time out of the box.

2. Service the engine with gasoline as instructed in the separate engine owner's manual.

WARNING: Use extreme care when handling gasoline. Gasoline is extremely flammable and the vapors are explosive. Never fuel the machine indoors or while the engine is hot or running. Extinguish cigarettes, cigars, pipes and other sources of ignition.

WARNING: Never fill fuel tank indoors with engine running or until the engine has been allowed to cool for at least two minutes after running.
WARNING: The operation of any chipper shredder can result in foreign objects being thrown into the eyes, which can damage your eyes severely. Always wear the safety glasses provided with this unit or eye shields while operating or while performing any adjustments or repairs.

Chipper Chute
Allows twigs and small branches up to 1-1/2" in diameter to be fed into the impeller for chipping.

Nozzle Height Adjustment Lever
Used to adjust the nozzle ground clearance ranging approximately 5/8" to 4 1/8".

Nozzle
Yard waste such as leaves or pine needles can be vacuumed up through the nozzle for shredding.

Hose Assembly
Used as an alternative to the nozzle to vacuum yard waste such as leaves or pine needles in hard to reach places.

Nozzle/ Hose Vac Lever
The nozzle/hose vac handle is located on top of the nozzle. Use it to switch vacuum suction between the nozzle and the hose assembly.

Hose Handle
Used to guide hose assembly when vacuuming.

Recoil Starter
The recoil starter is attached to the right upper handle. Stand behind unit and pull the recoil starter to start engine.