

Contents of Carton

- One Tiller
- One Bottle of Oil
- One Handlebar Assembly
- One Operator's Manual
- One Engine Operator's Manual

NOTE: This Operator's Manual covers several garden tiller models. The tiller depicted may differ from yours.



WARNING! To prevent personal injury or property damage, do not start the engine until all assembly steps are complete and you have read and understand the safety and operating instructions in this manual.

Recommended Tools for Assembly

- Two 1/2" open-end wrenches
- Block of wood (to support tiller when removing wheels)
- Tire pressure gauge
- Clean oil funnel
- Motor oil. Refer to the Engine Operator's Manual for oil specifications and quantity required.

Assembly

Unpacking Instructions

NOTE: While unpacking, do not severely bend any of the control cables.

1. The tiller is heavy, do not attempt to remove it from the shipping platform until instructed to do so in these Assembly steps.
2. Remove any packaging material from the carton. Remove any staples from the bottom of the carton and remove the carton from the shipping platform.
3. Remove all loose parts from the carton. Check that you have the items listed in the Contents of Carton list (contact your local dealer or the factory if items are missing or damaged).

Handle

NOTE: All references to the right or left side of the tiller are from the operator's position.

1. Remove two hex screws (5/16-18 x 1.50), two flange lock nuts (5/16-18), carriage bolt (5/16-18 x 6.75), belleville washer (.326 x .875 x .145) and knob (5/16-18) from the lower handlebar and support brackets. See Figure 3-1.

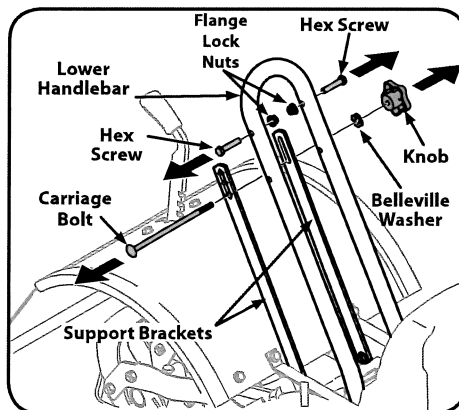


Figure 3-1

2. Using two hex screws and two flange lock nuts, loosely attach the handlebar support using the upper holes. See Figure 3-2.

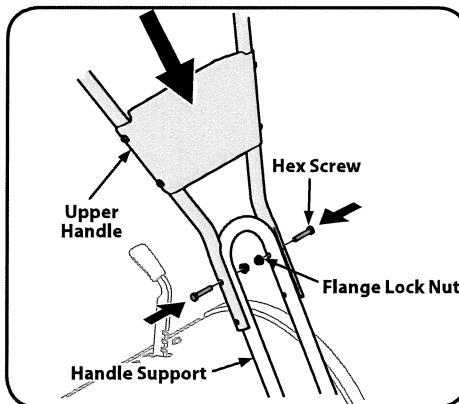


Figure 3-2

3. Loosely attach the support brackets to the outside of the handlebar assembly using the carriage bolt, belleville washer and knob. Refer to Figure 3-3.

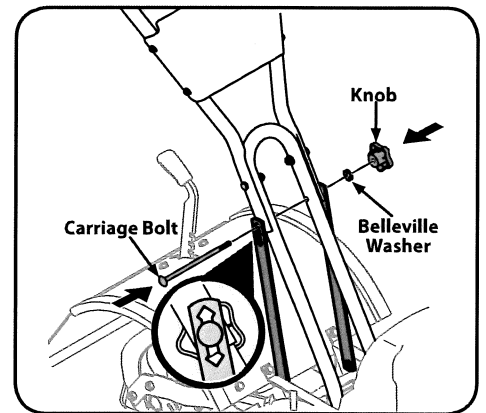


Figure 3-3

NOTE: If a support bracket will not move, loosen the attaching hex screws (5/16-18 x .75) and flange lock nuts (5/16-18) at the base of the support brackets.

NOTE: The support brackets must be assembled to the outside of the handlebar assembly.

4. There are three height adjustment holes in the handlebar support bracket. Use a setting that will position the handlebars at approximately waist level when the tines are 3-4" into the soil. To adjust the height of the handlebars loosen the knob on the handle, pull out on the carriage screw, adjust to the desired setting, push the carriage screw in until the square portion of the screw locks into place and re-tighten the knob. See Figure 3-4.

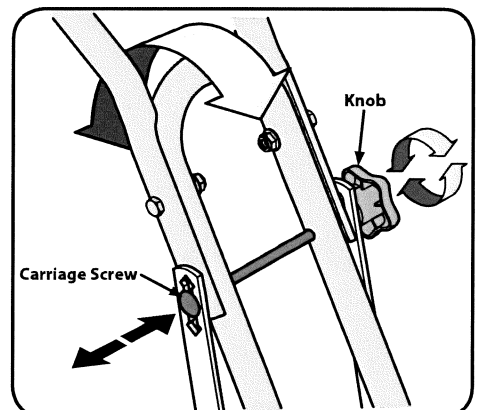


Figure 3-4

5. Tighten all the handlebar mounting hardware securely.

Move Tiller Off Crate

To roll the tiller off the shipping platform, put the wheels in freewheel, as follows:

1. Place a sturdy block under the transmission to raise one wheel about 1" off the ground.
2. Remove the wheel drive pin from the wheel hub and wheel shaft. See Figure 3-5.

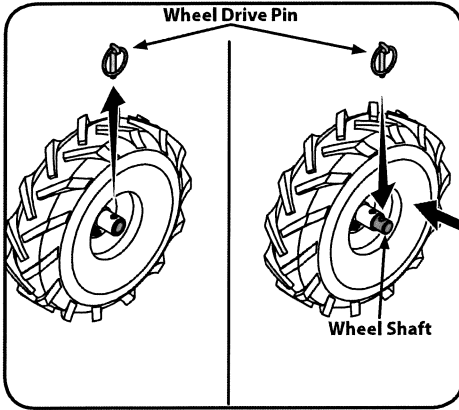


Figure 3-5

3. Slide the wheel fully inward on the wheel shaft. Reinstall the wheel drive pin through the wheel shaft only (not through the wheel hub). See Figure 3-5. The wheel should now spin freely (freewheel) on the wheel shaft. Repeat with the other wheel.

4. Use the handlebar to roll the tiller to a flat area.

NOTE: Before starting the engine, the wheels must be placed in the WHEEL DRIVE position (pins through wheel hubs and wheel shaft).

Attaching Clutch Cables

1. Carefully unwrap the cable(s) from the shipping position. To attach the clutch cable(s), feed the cable(s) up the front of the lower right handle and behind the handle panel. See Figure 3-6.

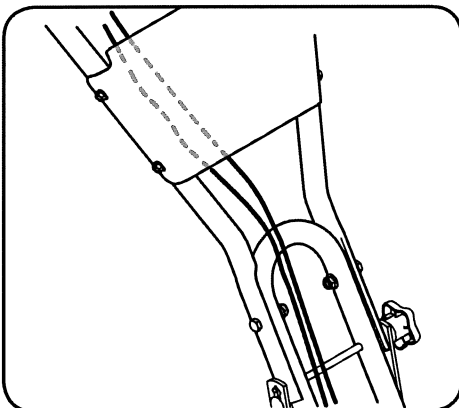


Figure 3-6

2. Pull the forward clutch cable with the black end fitting up through the bottom hole of the cable bracket and push the cable connector up through the hole until the groove in the connector snaps into place. See Figure 3-7.

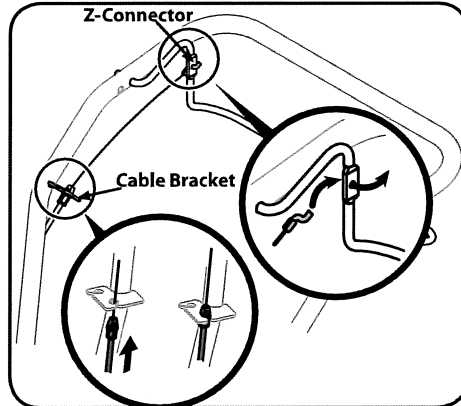


Figure 3-7

3. Place the Z-connector into the hole in the forward clutch bail from the outside of the bail to the inside. See Figure 3-7.
4. Pull the reverse clutch cable (if equipped) with the red fitting up through the top hole of the cable bracket and push the cable connector up through the hole until the groove in the connector snaps into place. See Figure 3-8.

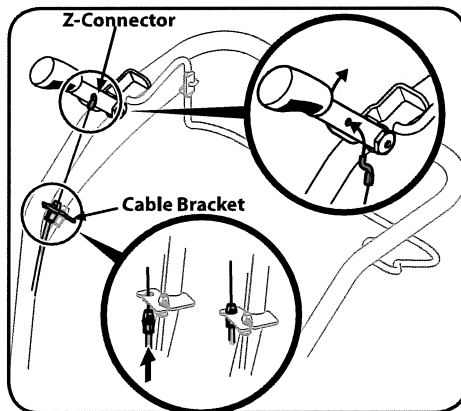


Figure 3-8

5. Place the Z-connector into the hole in the reverse clutch handle assembly from the inside of the handle to the outside. See Figure 3-8.

Set-Up

Tire Pressure

Check the air pressure with a tire gauge. Deflate or inflate the tires equally to between 15 and 20 PSI.

NOTE: Be sure that both tires are inflated equally or the tiller will pull to one side.

Gas & Oil Fill Up



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 any other sources of ignition.

Service the engine with gasoline and oil as instructed in the Engine Operator's Manual packed separately with your tiller. Read the instructions carefully.