

ASSEMBLY

NOTE: Reference to right and left hand side of the tractor is observed from the operating position.

NOTE: Some components may come already assembled. If they are already assembled, skip ahead to the next step.

Manually Moving the Tractor

⚠ CAUTION

Never tow your tractor. Towing the tractor with the rear wheels on the ground may cause severe damage to the drive motors.

The tractor can be moved as long as the parking brake is not set. The tractor can be pushed slowly.

Install Hitch (If Necessary)

1. Locate Hitch (a) and install on the rear of the frame using the two hex washer screws (b) provided (Figure 1).

NOTE: Hitch and hex washer screws will be in the hardware pack.

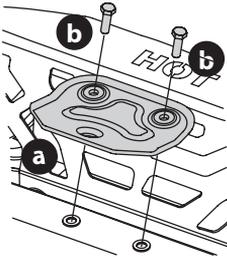


Figure 1

Reposition Upper Hoop (If necessary)

The upper hoop may be positioned down for shipping purposes:

1. Remove the two hex washer screws (a) partially installed on the frame (Figure 2).
2. Rotate the upper hoop (b) into position (Figure 2).
3. Secure hoop in place with the hex washer screws removed in step 1. Torque the hex washer screws to 179-219 in-lbs (20-25 N-m).

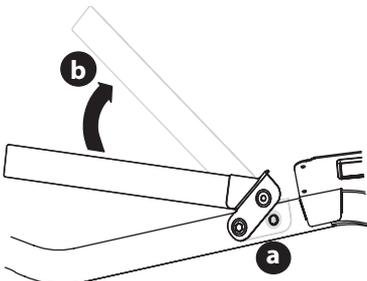


Figure 2

Install Operator's Seat

KNOB ADJUST OR LEVER ADJUST

1. Cut any straps securing the seat assembly to the tractor. Remove all packing material.

NOTE: Be careful not to cut the seat wiring harness.

2. Install the seat onto the seat pan (a) using hardware provided.

- For a Knob Adjust seat: insert bolts (b) in the rear holes and lock washer (c) and knobs (d) in the front. Tighten securely (Figure 3).
- For a Lever Adjust seat: use flange lock nuts (a) and flat washers (b) (Figure 4).

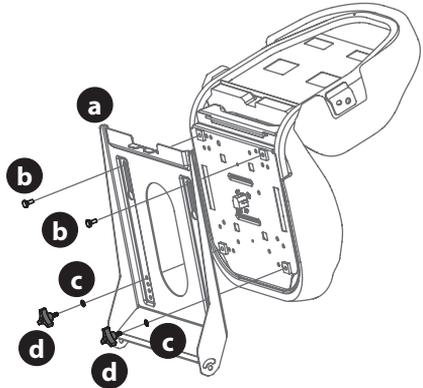


Figure 3

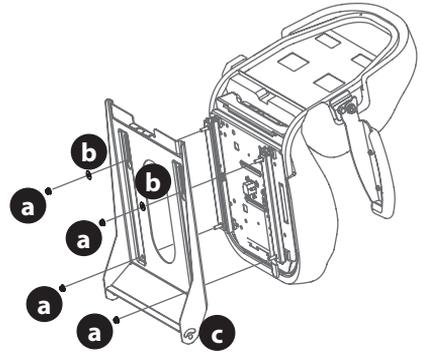


Figure 4

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- If necessary, securely connect the seat switch wiring harness (a) to the seat switch (b) (Figure 5). Secure excess wire away from pinch points before continuing.

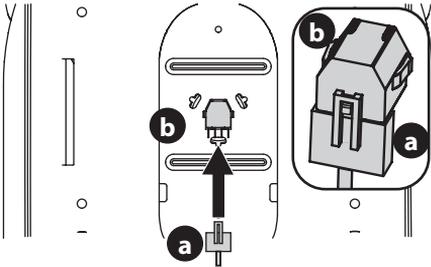


Figure 5

NOTE: The tractor will not operate without the seat switch wiring harness connected.

Position Lapbar Drive Control Levers

The lapbar drive control levers can be adjusted up/down and forward/backward for the operator's comfort. Three height positions are available and/or levers can be rotated forward or rearward using the knob.

TO ADJUST THE LAPBAR DRIVE CONTROL LEVER HEIGHT:

- Remove the two carriage screws (a) and two flange lock nuts (b) that secure the lapbar drive control lever (c) to the upper handle adjuster (d) (Figure 6).

NOTE: The multi-tool (if equipped) can be used to make this adjustment.

- Move the lapbar drive control lever into one of the three available heights and secure in place with the carriage screws and flange lock nuts (Figure 6).

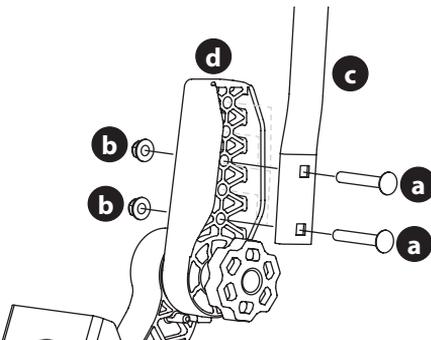


Figure 6

TO ADJUST THE LAPBAR DRIVE CONTROL LEVERS FORWARD/REARWARD:

- Rotate the knob (a) counter-clockwise to loosen the knob (a) (Figure 7).
- Lift and rotate the lapbar drive control lever into the desired position.

- Rotate the knob clockwise to secure the lapbar drive control lever into position (Figure 7).

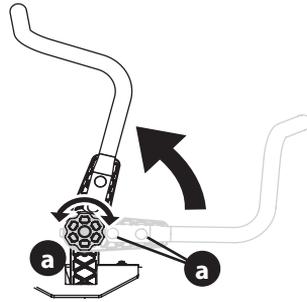


Figure 7

- If the lapbars do not line up after making the knob adjustment, loosen nuts (b), align lapbars and retighten nuts. Once this fine adjustment is made, the lapbars will align when using the knob adjustment (Figure 7).

Lower Discharge Chute Deflector

⚠ WARNING

Never operate the cutting deck without the chute deflector installed and in the down position.

ATTACHING THE CHUTE DEFLECTOR (IF NECESSARY)

- If necessary, remove the keys attached with a zip tie to the chute bracket.
- Align the two chute deflector mounting holes (a) with the to deck mounting holes (b).
- Using two carriage bolts (c) and two flange nuts (d), secure the chute deflector to the deck (Figure 8). Tighten to 170-200 in-lbs (18.5-23 N-m) (Figure 8). Skip ahead to Setting Deck Wheels.

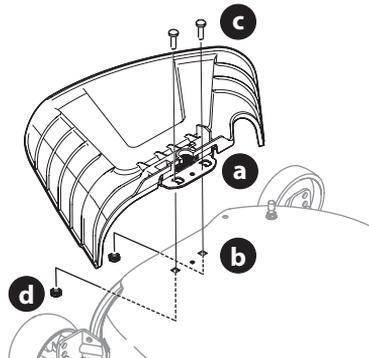


Figure 8

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REMOVING THE STOP BRACKET (IF NECESSARY)

1. If the chute is shipped attached and with a stop bracket holding the chute upright, the stop brackets must be removed prior to operating the tractor.
2. Holding the chute deflector fully upward, remove the stop bracket. Lower the chute deflector and discard the stop bracket (Figure 9).

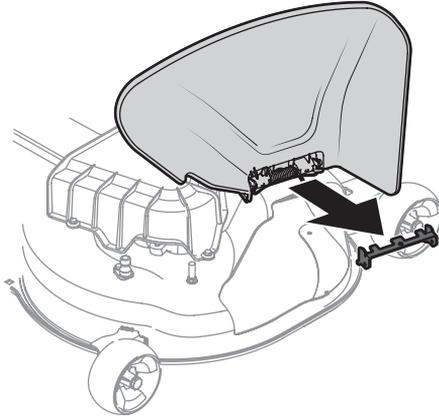


Figure 9

Setting Deck Wheels (If equipped)

NOTE: The deck wheels are an anti-scalp feature of the deck and are not designed to support the weight of the cutting deck.

1. Move the tractor to a level surface, preferably pavement.
2. Check tire pressure, adjust, if necessary. See tire side wall for proper tire pressure.
3. Make sure the deck is level side-to-side and properly pitched. See the Service and Maintenance section for deck leveling information and instructions.
4. Place deck lift lever or knob in the desired mowing height position and lower deck.
5. Check the wheels for contact or excessive clearance with the surface below.

NOTE: The deck wheels should have between $\frac{1}{4}$ " (6.35mm) and $\frac{1}{2}$ " (12.7mm) clearance above the ground.

6. Remove the lock nut (a) gauge wheel (b) and shoulder screw (c) from the deck (Figure 10).
7. Insert the shoulder screw into one of four index holes on deck wheel bracket. Allow a $\frac{1}{4}$ - $\frac{1}{2}$ " (6.35-12.7 mm) clearance between the ground and gauge wheel.
8. Note the index hole used on previously adjusted wheel. Repeat adjustment on opposite side to align both gauge wheels.

NOTE: Refer to Adjusting the Deck section of this manual for more detail.

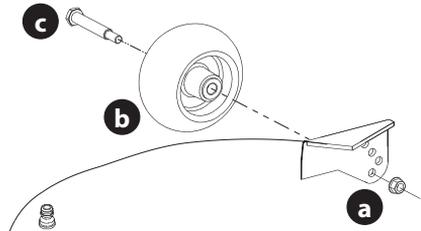


Figure 10

Checking Tire Pressure

See the tire sidewall for the proper inflation pressure. Proper inflation pressure should be maintained at all times.

Charging the Battery

⚠ WARNING

California Proposition 65: Cancer and reproductive harm — www.P65Warnings.ca.gov.

The battery contains corrosive fluid and toxic material — **HANDLE WITH CARE.** Keep away from children. Do not puncture, disassemble, mutilate, or incinerate. Explosive gases could be vented during charging or discharging. Charge in a well ventilated area, away from sources of ignition.

Recharge only with the charger provided with this tractor. A charger that is not suitable for this tractor may damage the batteries or create the risk of fire.

Do not charge or operate the tractor in the rain or in wet conditions.

Refer to the manual packed with your battery charger for further information and instructions on charging the battery. The charging port on the tractor is located on the left side of the dash.

To charge the battery:

1. Lift the charging port cover (a) (Figure 11).
2. Insert the charging cord (b) into the charging port (c) (Figure 11).
3. Plug charger power cord into wall receptacle (outlet).

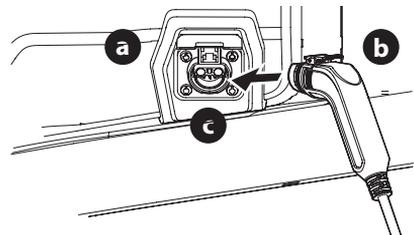


Figure 11

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NOTE: It will take approximately 4 hours to fully charge the battery.

NOTE: The battery icon on the Vehicle Control Module (VCM) will blink continuously when charging and the LCD display will display percentage of charge. The battery is completely charged when the battery icon is solid and the LCD displays 100%.

NOTE: When the charging cord is plugged into the tractor and not yet plugged into the wall, the battery icon will illuminate continuously until the cord is plugged into the wall.

If at any time your charger displays a fault while charging your battery, follow these procedures:

1. Power off the tractor.
2. Unplug the charging cord from the tractor.
3. Unplug the charger power cord from the power source.
4. Plug the charger power cord back into the power source.
5. Plug the charging cord back into the tractor.
6. If the fault persists contact qualified service personnel.

NOTE: Rechargeable batteries degrade with time and use. The battery may eventually need to be replaced. To have the battery replaced, contact your authorized Service Dealer.

NOTE: Using old or faulty battery could cause a system fault that results in loss of power.

BATTERY CHARGING TIPS

- The battery should be fully charged before the initial use.
- The battery should be fully charged after each use. Storing the battery in a discharged state could reduce performance.
- The battery will turn off automatically after a complete charge.
- It will take approximately 4 hours to fully charge the battery. Leaving the battery connected to the charger for more than 4 hours will not damage the battery.
- The battery does not develop a memory and does not need to be fully discharged before recharging.
- Always disconnect battery charger (or extension cord, if used) from the electrical receptacle (outlet) first, then disconnect the charging cord from the charging port.
- Never charge a frozen battery.
- It is recommended that the tractor be charged once every month during off-season storage.

Adjusting the Seat

⚠ WARNING

Before operating the tractor, make sure the seat is engaged in the seat-stop. Engage the parking brake. Stand behind the tractor and pull back on seat until it clicks into place.

KNOB ADJUST

1. Remove the knobs (a).
2. Slide the seat up or down into the desired position.
3. Replace the knobs into one of the four hole settings and tighten securely (Figure 12).

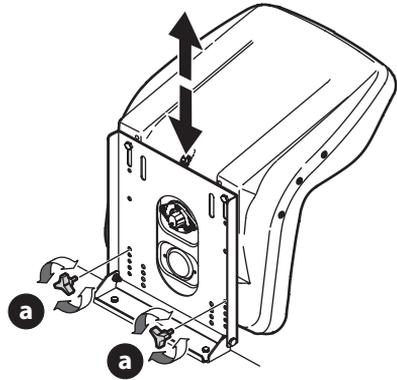


Figure 12

LEVER ADJUST

1. Push left and hold the seat adjustment lever to adjust the seat position.
2. Slide seat forward or rearward to desired position.
3. Release the adjustment lever. Ensure seat is locked into position before operation (Figure 13).

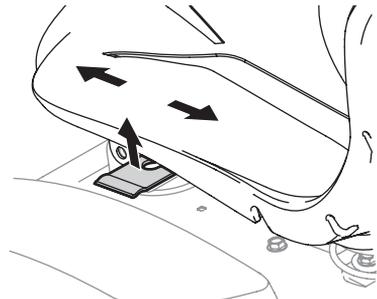


Figure 13