

Thank You

Thank you for purchasing this product. It was carefully engineered to provide excellent performance when properly operated and maintained.

Please read this entire manual prior to operating the equipment. It instructs you how to safely and easily set up, operate and maintain your machine. Please be sure that you, and any other persons who will operate the machine, carefully follow the recommended safety practices at all times. Failure to do so could result in personal injury or property damage.

All information in this manual is relative to the most recent product information available at the time. Review this manual frequently to familiarize yourself with the machine, its features and operation. Please be aware that this Operator's Manual may cover a range of product specifications for various models. Characteristics and features discussed

and/or illustrated in this manual may not be applicable to all models. We reserve the right to change product specifications, designs and equipment without notice and without incurring obligation.

If applicable, the power testing information used to establish the power rating of the engine equipped on this machine can be found at www.opei.org or the engine manufacturer's web site.

If you have any problems or questions concerning the machine, phone your local authorized service dealer or contact us directly. We want to ensure your complete satisfaction at all times.

Throughout this manual, all references to *right* and *left* side of the machine are observed from the operating position.

Contents of Carton

- Tractor (1)
- Engine Operator's Manual (1)
- Steering Wheel Assembly (1)
- Operator's Manual (1)

Note: This Operator's Manual covers several models. Features may vary by model. Not all features in this manual are applicable to all models and the model depicted may differ from yours.

Note: All references in this manual to the left or right side and front or back of the tractor are from the operating position only. Exceptions, if any, will be specified.

Tractor Preparation

Lubrication & Grease Points

Before operating the tractor, refer to the Product Care section of this manual to check the Lubrication & Grease Points. Grease and lubricate if necessary.

Manually Moving the Tractor

- Engage the transmission bypass rods, one on each side of the tractor, to move the tractor manually without starting it. The transmission bypass rods are located on the rear of the tractor, just inside each rear wheel. Disengage the parking brake and engage the bypass rods by pulling each one back (a) and hooking it into the slot (b) to lock it into place. See Figure 2-1.

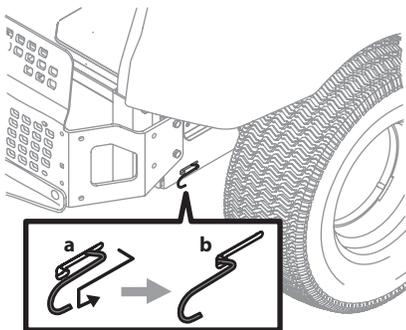


Figure 2-1

- Disengage the bypass rods by reversing steps a & b after moving the tractor. See Figure 2-1.

Steering Wheel Column (If Necessary)

The steering wheel column is tilted all the way back for shipping purposes. To tilt the column forward, rotate the steering column adjustment lever (a) counter-clockwise, place the column in the desired position and then rotate the steering column adjustment lever (a) clockwise to secure the column in place. See Figure 2-2.

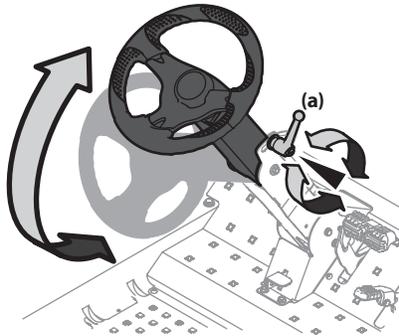


Figure 2-2

Note: Be sure that the steering column adjustment lever is tight to prevent the column from moving when operating the machine.

Steering Wheel (If Necessary)

- Remove the hardware for attaching the steering wheel (a) from beneath the steering wheel cover (b). Carefully pry off the steering wheel cover (b) to remove the hardware. See Figure 2-3.

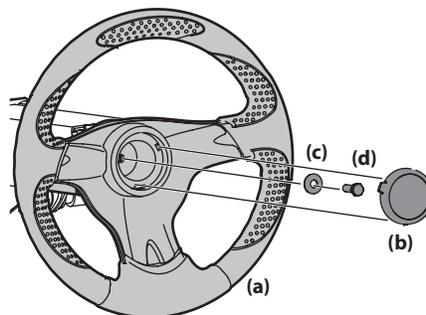


Figure 2-3

- With the wheels of the machine pointing straight forward, place the steering wheel (a) over the steering shaft. See Figure 2-3.
- Place the belleville washer (c) with the cupped side facing inward over the steering wheel (a) and secure with the hex lock screw (d). See Figure 2-3.
- Place the steering wheel cover (b) over the center of the steering wheel (a) and push downward until it "clicks" into place.

Positioning the Roll Over Protective System (ROPS) (If Necessary)

The ROPS is shipped folded down for shipping purposes. To place the ROPS into the operation position proceed as follows.

- Remove the left and right clevis pins and cotter pins securing the ROPS in position and rotate it so that they allow the ROPS to move freely. See Figure 2-4.

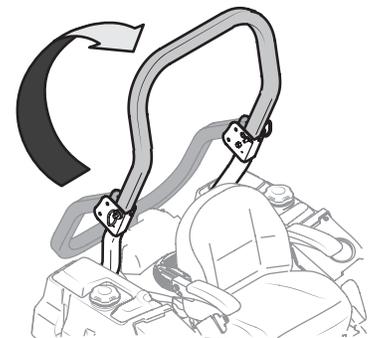


Figure 2-4

- Rotate ROPS forward and re-insert the clevis pins and cotter pins to secure the ROPS in the operating position.

Adjusting the Seat

This tractor is equipped with an adjustable seat, which includes a retractable seat belt assembly and an Operator Presence Sensor (OPS). The OPS, in the form of a switch, is integrated into the seat bottom and is connected to the machine electrical system.

The seat can be adjusted forward and back and the arm rest can be adjusted up and down.

To move the seat forward or back, locate the seat adjustment rod under the seat. Push the rod to the left, slide the seat forward or back into the desired position and release the rod when the seat is in the desired position. See Figure 2-5.

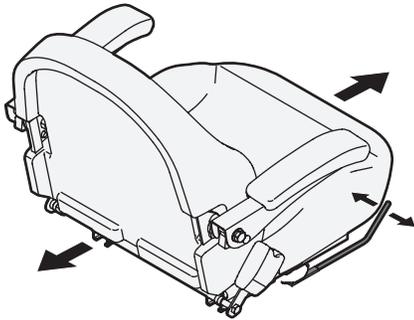


Figure 2-5

To adjust the arm rest, lift the arm rest, rotate the block adjustment into one of the four positions (0-3, 0 being the lowest and 3 being the highest) and lower the arm rest. See Figure 2-6.

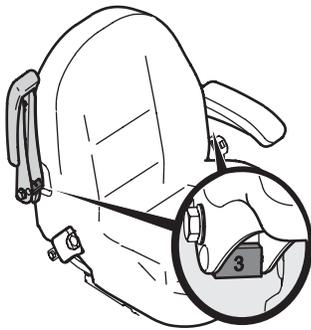


Figure 2-6

The mechanical suspension mechanism (if equipped) incorporates weight/ride adjustment controls for operators in the 125 to 275 lb weight range (turn the knob on the front of the seat clockwise to increase the weight capacity and counter-clockwise to decrease. See Figure 2-7.



Figure 2-7

Note: The seat base must be secured by the latch, otherwise the seat assembly could tilt forward. The Operator Presence Sensor must be connected to the electrical wiring harness.

Connecting the Battery Cables

⚠ WARNING

California PROPOSITION 65 Battery posts, terminals, and related accessories contain lead and lead compounds, chemicals known to the State of California to cause cancer and reproductive harm. Wash hands after handling.

⚠ CAUTION

When attaching battery cables, always connect the **POSITIVE (Red)** wire to its terminal first, followed by the **NEGATIVE (Black)** wire.

For shipping reasons, both battery cables on your equipment may have been left disconnected from the terminals at the factory. To connect the battery cables, proceed as follows:

Note: The positive battery terminal is marked Pos. (+). The negative battery terminal is marked Neg. (-).

Note: If the positive battery cable is already attached, skip ahead to Step 2.

1. Remove the plastic cover, if present, from the positive battery terminal and attach the red cable to the positive battery terminal (+) with the bolt (a) and hex nut (b). See Figure 2-8.

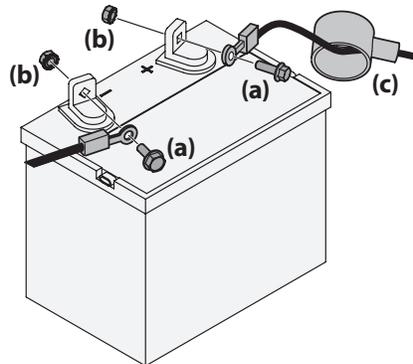


Figure 2-8

2. Remove the plastic cover, if present, from the negative battery terminal and attach the black cable to the negative battery terminal (-) with the bolt (a) and hex nut (b). See Figure 2-8.
3. Position the red rubber boot (c) over the positive battery terminal to help protect it from corrosion.

Note: If the battery is put into service after the date shown on top/side of battery, charge the battery as instructed in Charging the Battery prior to operating the tractor.

Transmission Oil Expansion Reservoir

The transmission oil expansion reservoir is connected by hoses to the RH and LH transmission assemblies, and is located behind the seat box. The function of the reservoir is to hold the natural expansion of transmission oil that occurs as the transmission warms up during operation. **DO NOT FILL THE RESERVOIR.**

Under normal operating conditions, no oil should be added to the reservoir. The COLD oil level should be no higher than approximately 1/4" (the "Full Cold" mark) above the bottom of the reservoir. See Figure 2-9.

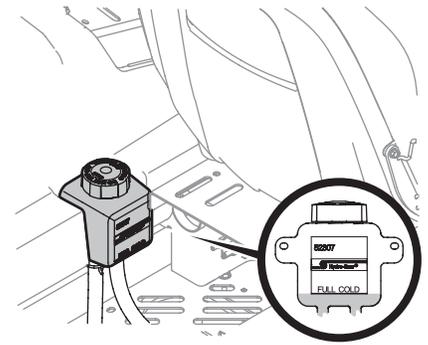


Figure 2-9

Note: Prior to the initial operation of the tractor, the oil level in the reservoir may be slightly higher than the maximum due to air in the oil lines. Operation of the tractor will eventually purge the air from the lines and the oil level will settle to the maximum.

Install the Rear Hitch Bracket (If Necessary)

1. Remove the hex flange screws (a) and flange lock nuts (b) that secure the hitch bracket (c) to the bumper bracket. See Figure 2-10.

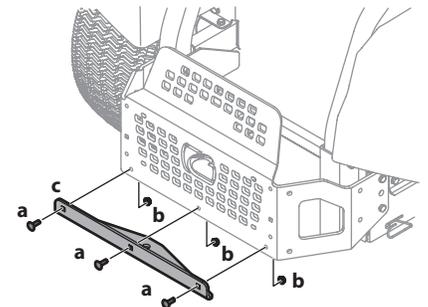


Figure 2-10

2. Install the hitch bracket (c) as shown in Figure 2-11 and secure with the hex flange screws (a) and flange lock nuts (b) removed in Step 1.

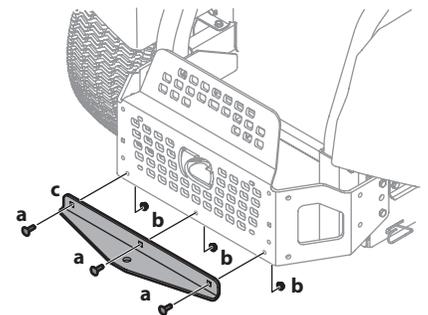


Figure 2-11