



Auto-Tilt Chassis

RT1200 Traction Unit

Model No. 25511

Model No. 25511E

Installation Instructions

▲ WARNING

CALIFORNIA Proposition 65 Warning

This product contains a chemical or chemicals known to the State of California to cause cancer, birth defects, or reproductive harm.

Loose Parts

Use the chart below to verify that all parts have been shipped.

Description	Qty.	Use
Tilt sensor	1	Install the auto-tilt chassis.
Bolt	2	
Locknut	2	
Rocker switch	1	
No parts required	–	Calibrate the sensor.

Installing the Auto-tilt Chassis

1. Remove the four bolts securing the foot plate to the frame and remove the plate (Figure 1).

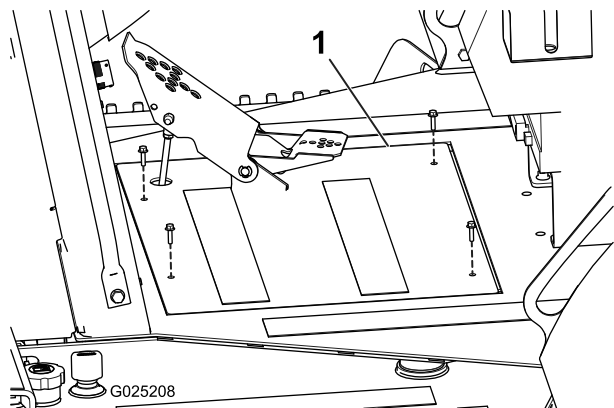


Figure 1

1. Foot plate

2. Disconnect the wire harness from the foot-pedal sensor and set the floor plate aside.
3. Install the tilt sensor under the floor under the seat using 2 bolts and locknuts (Figure 2).

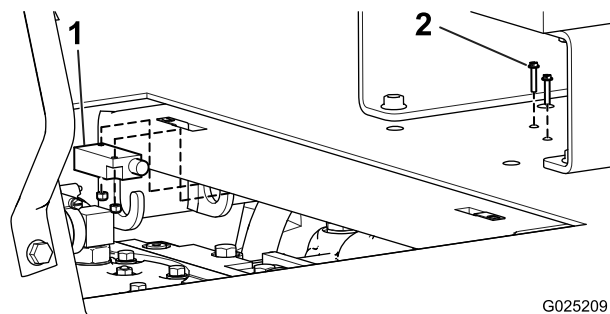


Figure 2

1. Tilt sensor
 2. Bolts
-
4. Connect the sensor to the open connector from the main wire harness as shown in Figure 3.



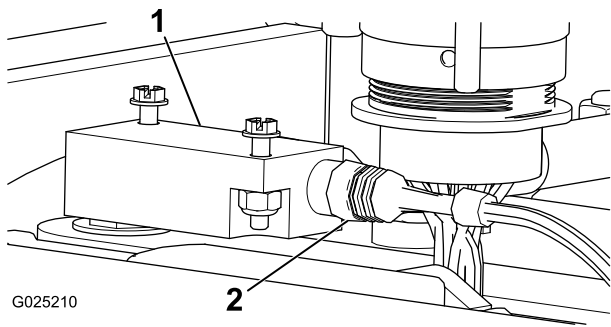


Figure 3

(Floor removed for illustrative purposes)

1. Tilt sensor
2. Wiring-harness connector

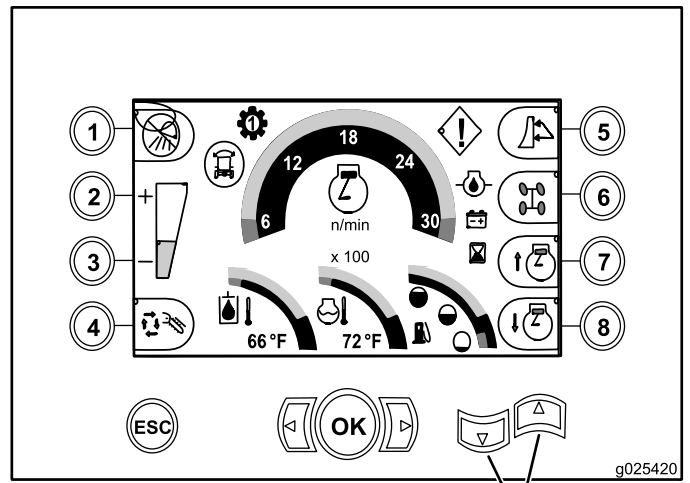


Figure 5

Home Screen

1. Up and down arrow keys

5. Connect the wire harness you disconnected in step 2 to the foot-pedal sensor.
6. Install the foot plate, securing it with the 4 bolts removed previously, and connect the foot pedal to the drive linkage.
7. Remove the plug from the second switch position from the right on the control panel behind the seat (Figure 4).

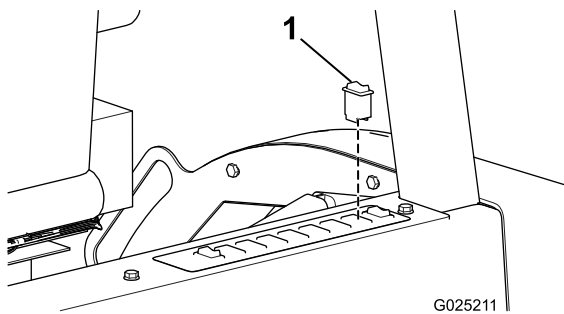


Figure 4

1. Rocker switch

8. Remove the switch connector from the plug and connect it to the new rocker switch.
9. Install the rocker switch into the open slot, ensuring that it seats into the connector under the switch plate (Figure 4).

Calibrating the Sensor

1. Start the engine and move the machine to level ground.
2. From the Home screen, press and hold the up and down arrow keys (Figure 5).

The diagnostic screen (Figure 6) displays.

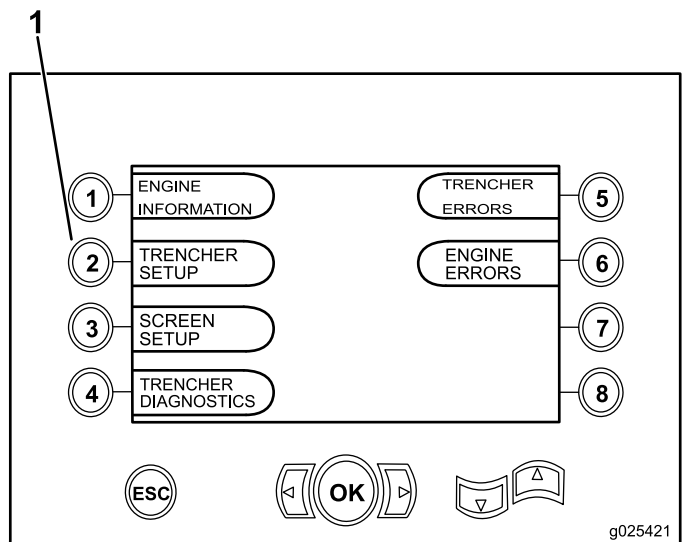


Figure 6

Diagnostic Screen

1. Trencher setup button

3. Press 2 to select Trencher Setup (Figure 6).

The PIN entry screen displays.

4. Enter your 8-digit PIN. If you do not have a service PIN for your machine, contact your Authorized Service Dealer.

The Trencher Setup screen appears (Figure 7).

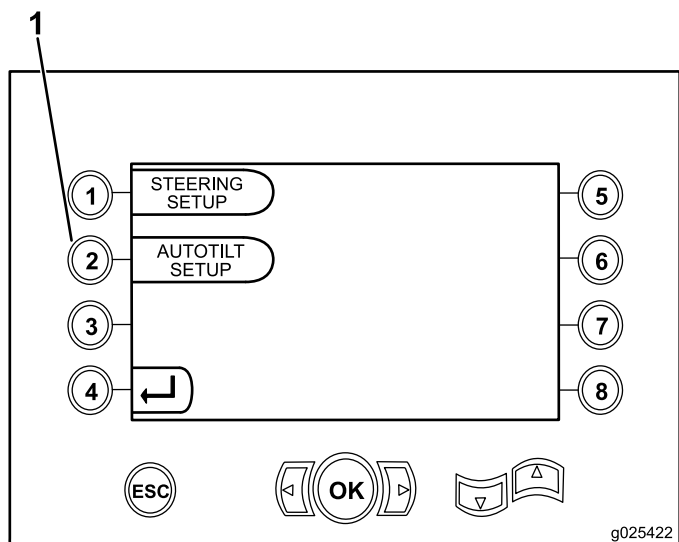


Figure 7
Trencher Setup Screen

1. Autotilt Setup button

5. Press 2 to select Autotilt Setup (Figure 7).
The Autotilt Setup Screen displays (Figure 8).

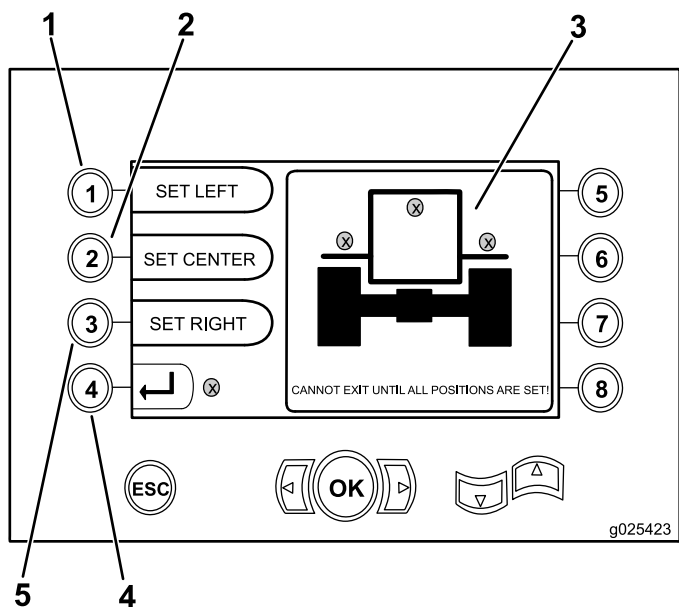


Figure 8
Autotilt Setup Screen

- | | |
|----------------------|---------------------------------------|
| 1. Set Left button | 4. Exit button |
| 2. Set Center button | 5. Machine icon with indicator lights |
| 3. Set Right button | |

6. Using the manual tilt toggle switch, located on the rear console of the machine, tilt the machine to the full left position.
7. Press button 1 to select Set Left (Figure 8) and wait until the left indicator light turns green (approximately 10 seconds).

8. Use the toggle switch to return the machine to the level position.
9. Press button 2 to select Set Center (Figure 8) and wait until the center indicator light turns green (approximately 10 seconds).
10. Use the toggle switch to tilt the machine to the full right position.
11. Press and hold button 3 to select Set Right (Figure 8) and wait until the right indicator light turns green (approximately 10 seconds).
12. Return the machine to the level position.
13. Press 4 to select Exit when the indicator light next to the Exit button turns green (Figure 8).

Note: You cannot exit this screen until all three positions have been set. Should you need to exit without completing the setup, turn off the key switch.

Operation

When the switch is in the On position, the Auto-tilt Chassis feature keeps the chassis near level as you drive the machine. Turn off the Auto-tilt switch to return to manual chassis-tilt operation.



Count on it.