



# Counterweight Kit

## RT600 Traction Unit

Model No. 25439

Model No. 25439E

Form No. 3377-972 Rev B

### Installation Instructions

## Safety

### ⚠ 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.

## Installation

### Loose Parts

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

Description	Qty.	Use
No parts required	—	Prepare the machine.
Mounting frame	1	Install the mounting frame.
Bolt (1-1/4 x 3-1/2 inch)	4	
Washer (1-1/4 inch)	4	
Counterweight	13	Install the counterweights.
Rod	1	
Washer (5/8 inch)	2	
Locknut (5/8 inch)	2	

### Preparing the Machine

1. Move the machine to a level surface.
2. Set the parking brake and lower the attachments to the ground.
3. Shut off the machine and remove the key.
4. If a front-mounted attachment such as the backhoe or cable carrier is installed on the machine, remove the attachment; refer to the *Operator's Manual* for the attachment.

### Installing the Mounting Frame

**Note:** Your lifting equipment must have a lift capacity of 136 kg (300 lb).

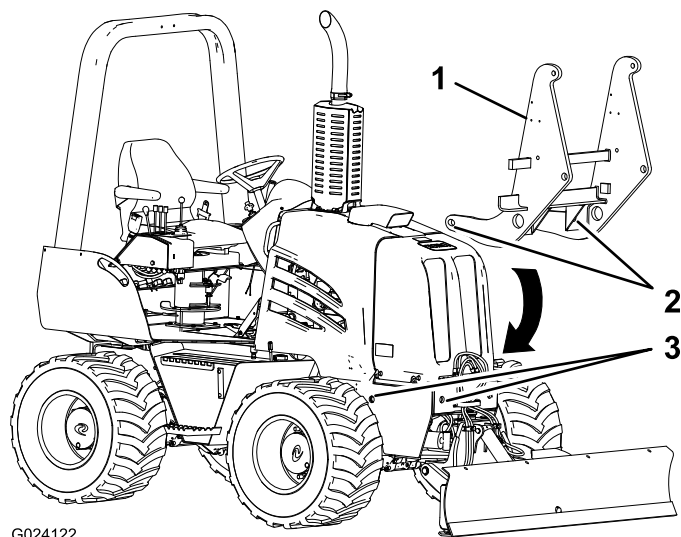
**Note:** Remove all counterweight kit hardware and weights from the mounting frame prior to installation of the counterweight kit. Each counterweight weighs approximately 29.9 kg (66 lb).

1. Remove the 2 locknuts (5/8 inch), 2 washers (5/8 inch), and rod that secure the counterweights to the mounting frame.

**Note:** Retain the locknuts, washers, and rod for installation in step 2 of Installing the Counterweights.



2. Using the lifting equipment, remove the counterweights from the mounting frame.
3. Use lifting equipment to raise or lower the mounting frame until the holes in the mounting frame align with the holes in the machine; refer to Figure 1.

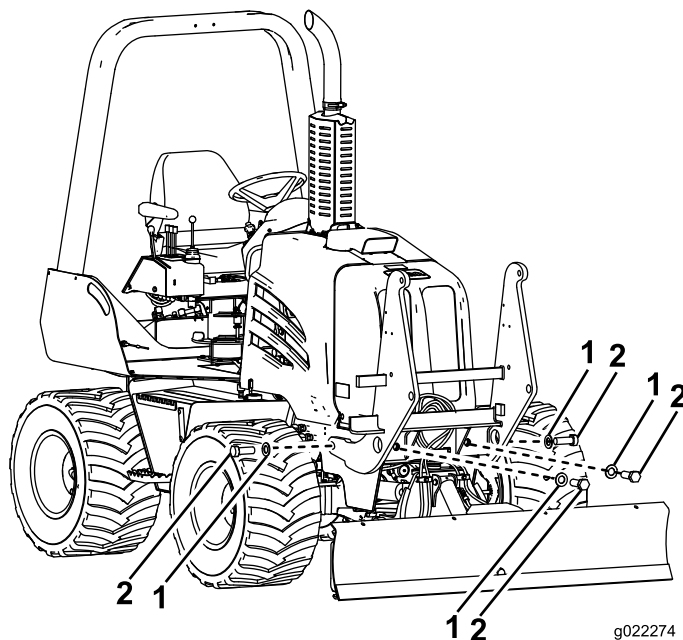


**Figure 1**

- |                          |                           |
|--------------------------|---------------------------|
| 1. Mounting frame        | 3. Hole (machine chassis) |
| 2. Hole (mounting frame) |                           |

4. Apply medium-grade (service removable) thread-locking compound to the threads of the bolts (1-1/4 x 3-1/2 inch).

5. Install the bolts (1-1/4 x 3-1/2 inch) and washers (1-1/4) that fasten the mounting frame to the machine (Figure 2), and hand tighten all of the bolts.



**Figure 2**

- |           |         |
|-----------|---------|
| 1. Washer | 2. Bolt |
|-----------|---------|

6. Torque the bolts (1-1/4 x 3-1/2 inch) that fasten the mounting frame to the **front** of the machine to 1220 to 1491 N-m (900 to 1100 ft-lb).
7. Torque the bolts (1-1/4 x 3-1/2 inch) that fasten the mounting frame to the **sides** of the machine to 1220 to 1491 N-m (900 to 1100 ft-lb).
8. Remove the lifting equipment from the mounting frame.

# Installing the Counterweights

1. Use the lifting equipment to lift and install one or more of the counterweights onto the mounting frame; refer to Figure 3.

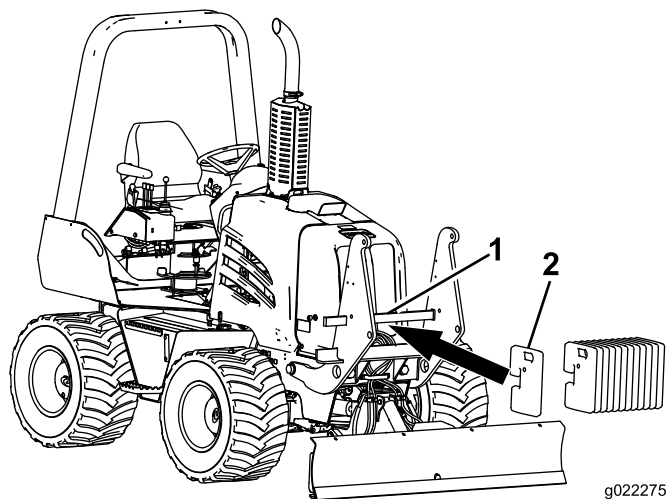


Figure 3

1. Mounting frame
2. Counterweight

2. Secure the counterweight(s) to the mounting frame with the rod, washers, and locknuts that you removed in step 1 of Preparing the Machine; refer to Figure 4.

**Note:** Do not overtighten the nuts. Tighten the nuts only enough to prevent the washers from rattling.

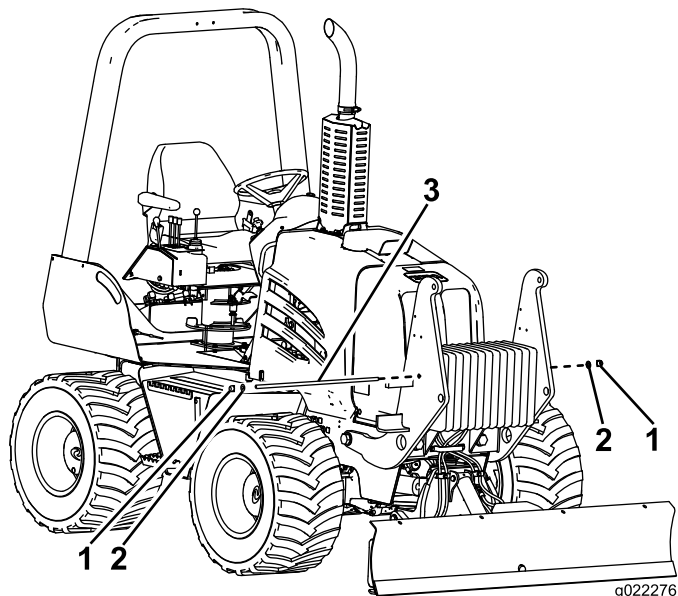


Figure 4

1. Locknut
2. Washer
3. Rod



**Count on it.**