



Battery Kit

TX 1000 Compact Tool Carrier

Model No. 136-5802

Form No. 3412-226 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.

Safety and Instructional Decals



Safety decals and instructions are easily visible to the operator and are located near any area of potential danger. Replace any decal that is damaged or missing.



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1. Warning—do not touch the hot surface.

Installation

Loose Parts

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

Procedure	Description	Qty.	Use
1	No parts required	—	Prepare the machine.
2	Battery	1	Activate and charge the replacement battery.
3	No parts required	—	Remove the existing battery.
4	Strap Hold-down rod Front screen	1 2 1	Install the replacement battery and front cover.



1

Preparing the Machine

No Parts Required

Procedure

1. Park the machine on a level surface.
2. Engage the parking brake.
3. Lower the loader arms.
4. Shut off the engine and remove the key.

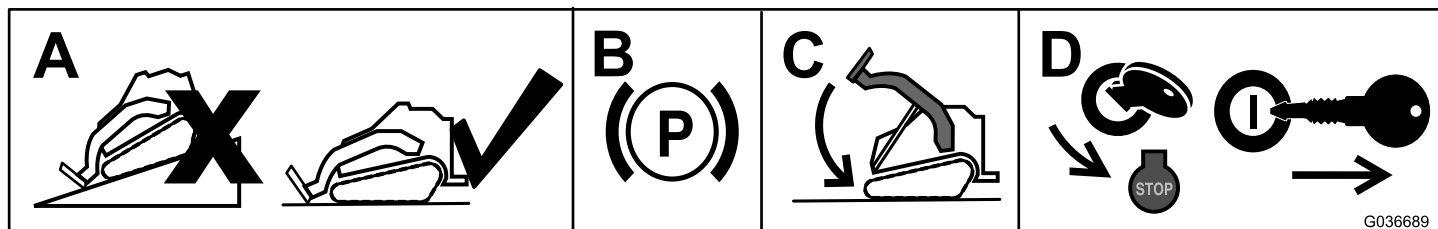


Figure 1

2

Activating and Charging the Replacement Battery

Parts needed for this procedure:

1	Battery
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Procedure

⚠ WARNING

CALIFORNIA Proposition 65 Warning

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.

1. Remove the vent caps from the battery (Figure 2).

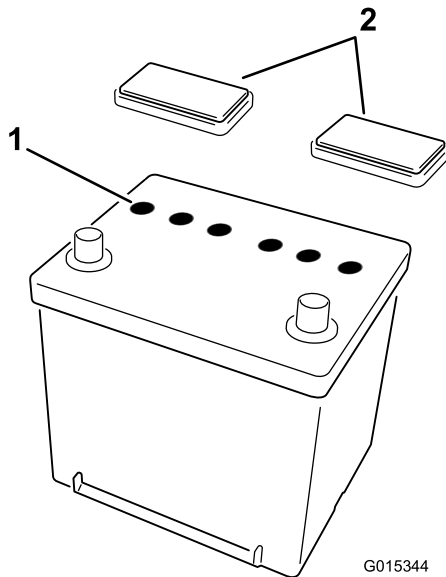


Figure 2

1. Cell vents
2. Vent caps

2. Carefully fill each cell with electrolyte until the electrolyte is up to the fill line.

Note: Use only electrolyte (1.260 specific gravity) to fill the battery initially.

Important: Important: Do not add electrolyte while the battery is in the machine. You could spill it, causing corrosion.

⚠ DANGER

Battery electrolyte contains sulfuric acid, which is fatal if consumed and causes severe burns.

- Do not drink electrolyte and avoid contact with skin, eyes, or clothing. Wear safety glasses to shield your eyes and rubber gloves to protect your hands.
- Fill the battery where clean water is always available for flushing the skin.

3. Install the vent caps (Figure 2).
4. Connect a 3 to 4 A battery charger to the battery posts. Charge the battery at a rate of 3 to 4 A for 4 to 8 hours (Figure 3).

⚠ WARNING

Charging the battery produces gasses that can explode.

Never smoke near the battery and keep sparks and flames away from the battery.

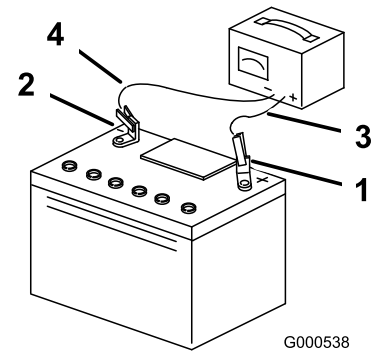


Figure 3

1. Positive battery post
2. Negative battery post
3. Red (+) charger lead
4. Black (-) charger lead

5. When the battery is charged, disconnect the charger from the battery posts. Allow the battery to sit for 5 to 10 minutes.

Note: After the battery has been activated, add only distilled water when the electrolyte level is low, although maintenance-free batteries should not require water under normal operating conditions.

3

Removing the Existing Battery

No Parts Required

Procedure

1. Open the hood and secure the hood prop.
2. Remove and retain the 4 bolts from the top screen (Figure 4).

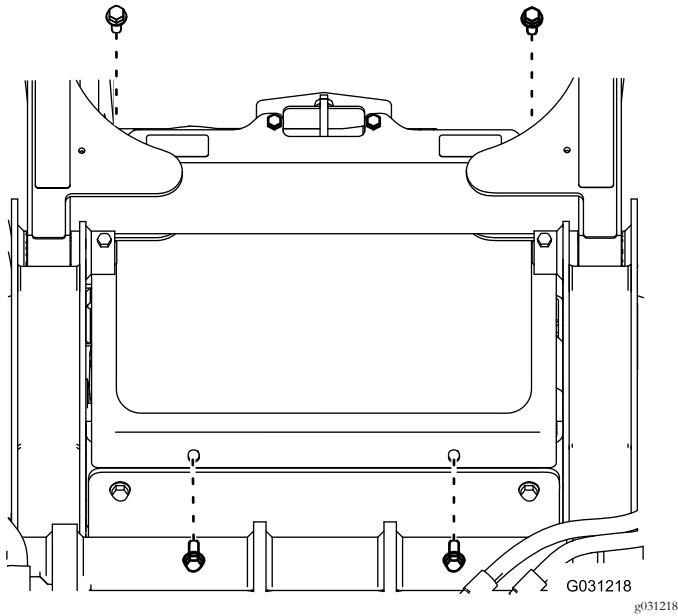


Figure 4

3. Remove the top screen.
4. Remove and retain the 2 bolts (5/16 x 3/4 inch), 2 nuts (5/16 inch), and hood latch from the front screen (Figure 5).

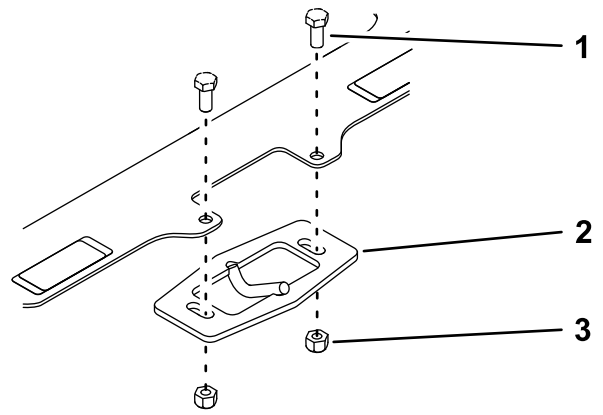


Figure 5

1. Bolt (5/16 x 3/4 inch)
2. Nut (5/16 inch)
3. Hood latch

5. Disconnect the negative (black) cable from the battery, then disconnect the positive (red) cable (Figure 6). Retain the cable mounting hardware.

⚠ WARNING

Incorrect battery cable routing could damage the machine and cables, causing sparks. Sparks can cause the battery gasses to explode, resulting in personal injury.

- Always disconnect the negative (black) battery cable before disconnecting the positive (red) cable.
- Always connect the positive (red) battery cable before connecting the negative (black) cable.

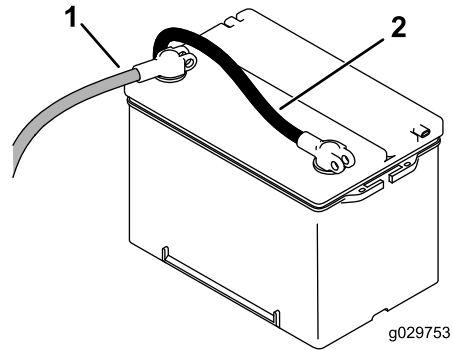


Figure 6

1. Positive battery cable
2. Negative battery cable

6. Remove and retain the 2 wing nuts. Remove and discard the strap and 2 hold-down rods (Figure 7).

⚠ WARNING

Battery terminals or metal tools could short against metal components, causing sparks. Sparks can cause the battery gasses to explode, resulting in personal injury.

- When removing or installing the battery, do not allow the battery terminals to touch any metal parts of the machine.
- Do not allow metal tools to short between the battery terminals and metal parts of the machine.

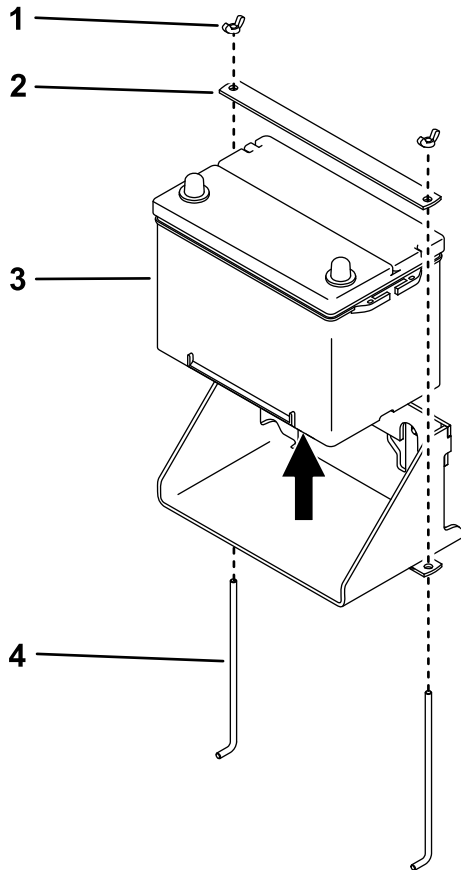


Figure 7

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1. Wing nut (2)
2. Strap
3. Battery
4. Hold-down rod (2)

4

Installing the Replacement Battery and Front Cover

Parts needed for this procedure:

1	Strap
2	Hold-down rod
1	Front screen

Procedure

1. Install the replacement battery using the strap and 2 hold-down rods from the kit and the 2 wing nuts that you removed previously as shown in [Figure 7](#).
2. Connect the positive (red) cable to the positive (+) terminal and the negative (black) cable to the negative (-) terminal of the battery ([Figure 6](#)).

Note: Secure the cables using the cable mounting hardware used previously.

3. Coat both battery connections with Grafo 112X (skin-over) grease (Toro Part No. 505-165), petroleum jelly, or light grease to prevent corrosion. Slide the rubber boot over the positive terminal.
4. Install the hood latch to the kit front screen as shown in [Figure 5](#).
5. Install the kit front screen using the bolts that you removed previously as shown in [Figure 4](#).
6. Close the hood.

7. Remove the battery and dispose of it at a recycling center.

Notes:

Notes:



Count on it.