Form No. 3414-557 Rev A

Lift Handle Kit

MB-1600 Mud Buggy

Model No. 137-0591

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.

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	No parts required	–	Remove the existing lift handle.
3	Pivot	1	Install the kit lift handle.
	Lever plate	1	
	Lever assembly	1	
	Shaft guide	1	
	Pin	1	
	Clevis pin	1	
	Cotter pin (1/2 inch)	1	
	Bearing	2	
	Bolt (1/4 x 2-1/4 inches)	1	
	Cotter pin (1 inch)	1	
	Nut (1/4 inch)	1	

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3414-557 A

1

Preparing the Machine

No Parts Required

Procedure

1. Park the machine on a level surface.
2. Engage the parking brake.
3. Lower the hopper.
4. Shut off the engine.

2

Removing the Existing Lift Handle

No Parts Required

Procedure

1. Remove the cowl.
2. Remove the 2 cotter pins, U-link, and clevis pin (3/16 x 1 inch) from the handle assembly (Figure 1). Retain the clevis pin, but discard the 2 cotter pins and U-link.

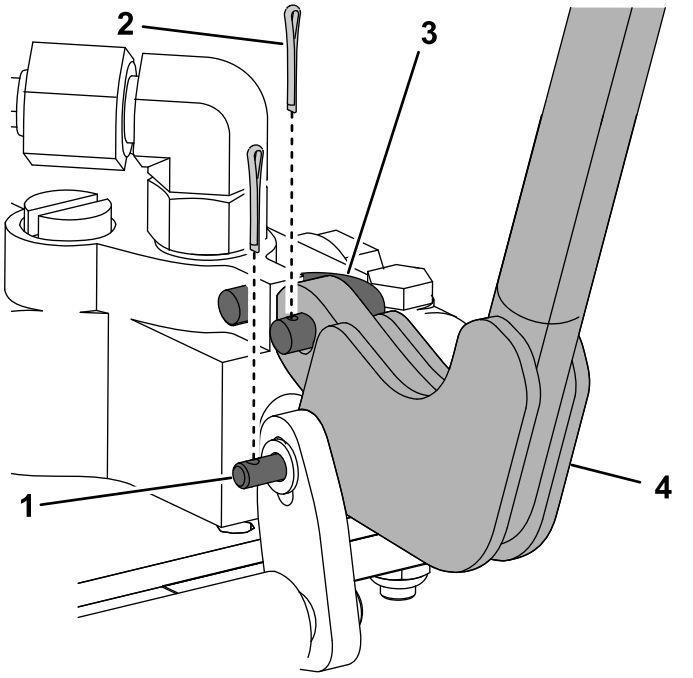


Figure 1

1. Clevis pin (3/16 x 1 inch)
2. Cotter pin
3. U-link
4. Handle assembly

3. Remove and discard the handle assembly (Figure 1).
4. Remove and retain the flange bolt (5/16 x 1 inch), nut (5/16 inch), clevis pin (3/8 x 1-3/32 inch) and cotter pin (3/4 inch) as shown in Figure 2.

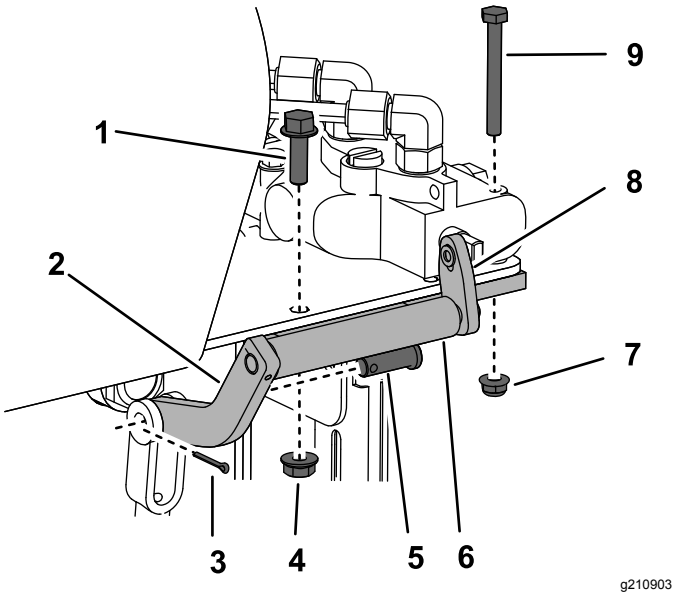


Figure 2

1. Flange bolt (5/16 x 1 inch)
2. Pivot
3. Cotter pin (3/4 inch)
4. Nut (5/16 inch)
5. Clevis pin (3/8 x 1-3/32 inch)
6. Shaft guide
7. Nut (1/4 inch)
8. Lever plate
9. Bolt (1/4 x 2-1/4 inches)

5. Remove and discard the bolt (1/4 x 2-1/4 inches), nut (1/4 inch), pivot, shaft guide (including the 2 bearings), and lever plate (Figure 2).

3

Installing the Kit Lift Handle

Parts needed for this procedure:

1	Pivot
1	Lever plate
1	Lever assembly
1	Shaft guide
1	Pin
1	Clevis pin
1	Cotter pin (1/2 inch)
2	Bearing
1	Bolt (1/4 x 2-1/4 inches)
1	Cotter pin (1 inch)
1	Nut (1/4 inch)

Procedure

1. Install the shaft guide using the flange bolt (5/16 x 1 inch) and nut (5/16 inch) that you removed previously, and the kit bolt (1/4 x 2-1/4 inches) and nut (1/4 inch) as shown in Figure 3.

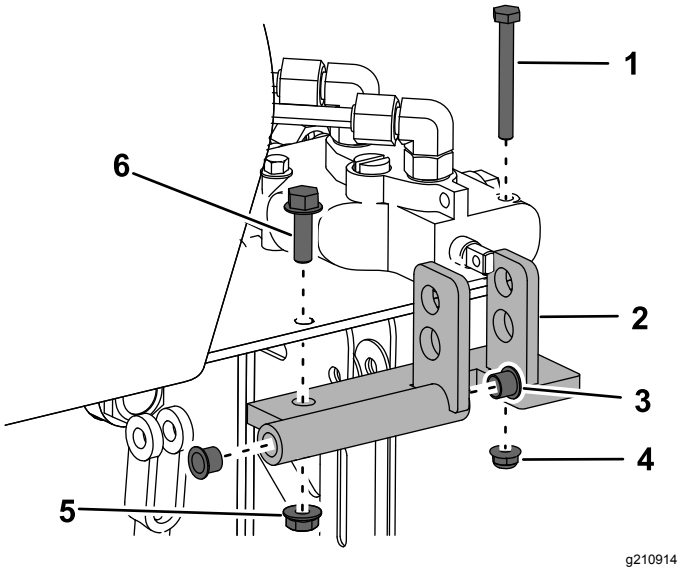


Figure 3

1. Bolt (1/4 x 2-1/4 inches)
2. Shaft guide
3. Bearing (2)
4. Nut (1/4 inch)
5. Nut (5/16 inch)
6. Flange bolt (5/16 x 1 inch)

2. Install the bearings into the shaft guide (Figure 3).
3. Install the kit through the shaft guide and handle assembly, and secure it using the cotter pin (1 inch) as shown in Figure 4.

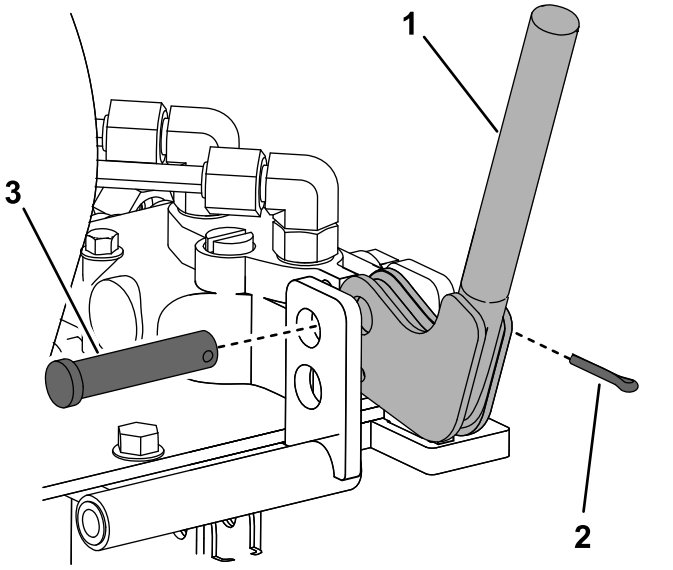


Figure 4

1. Handle assembly
2. Cotter pin (1 inch)
3. Clevis pin

4. Slide the pivot through the shaft guide, and secure it to the yoke using the clevis pin (3/8 x 1-3/32 inch) and cotter pin (3/4 inch) that you removed previously (Figure 5).

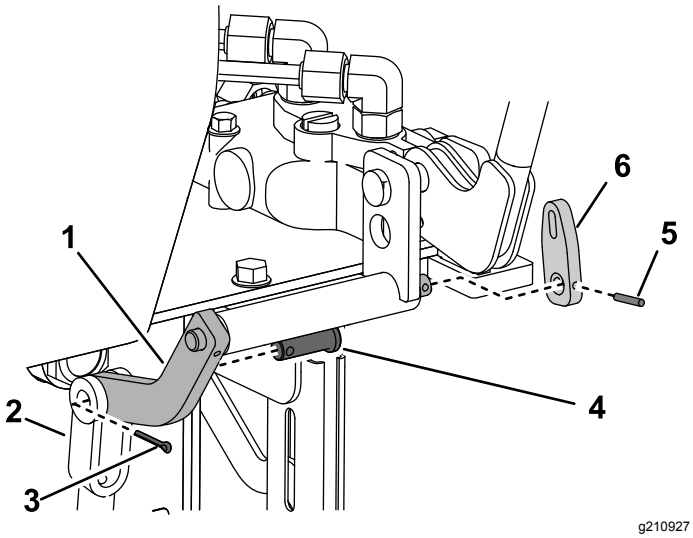


Figure 5

1. Pivot
2. Yoke
3. Cotter pin (3/4 inch)
4. Clevis pin (3/8 x 1-3/32 inch)
5. Pin
6. Lever plate

5. Secure the other end of the pivot to the lever plate using a pin (Figure 5).
6. Secure the handle to the lever plate using a cotter pin (1/2 inch) and the clevis pin (3/16 x 1 inch) that you removed previously (Figure 6).

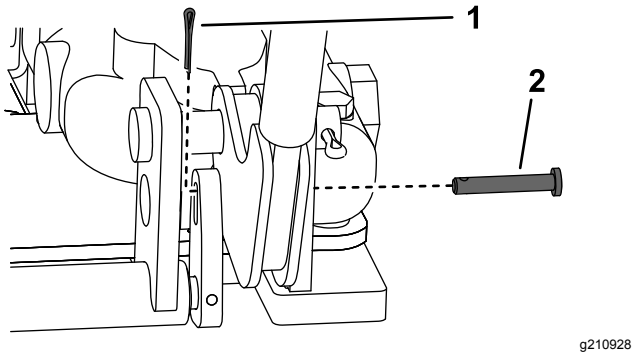


Figure 6

1. Cotter pin (1/2 inch)
2. Clevis pin (3/16 x 1 inch)

7. Install the cowl.