Form No. 3477-260 Rev A

Handle Pin Kit

HoverPro® 450 Machine

Model No. 162-1351

Addendum

This addendum is for HoverPro® 450 model 02616.

These procedures replace the existing “Installing the Handlebar Footstop” (Number 1) and “Installing the Handlebar” (Number 2) procedures in your machine *Operator’s Manual* (Form No. 3459-573).

Setup

Loose Parts

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

Procedure	Description	Qty.	Use
1	Lower handlebar (included with the machine)	-	Install the footstop.
	Footstop	1	
	Washer (6 mm)	2	
	Locknut (6 mm)	1	
2	Handle spacer	4	Assemble the lower handlebar.
	Clevis pin and hairpin cotter assembly	2	
	Washer (6 mm)	6	
	Knob	2	
	U-bolt	2	
	Upper handlebar (included with the machine)	-	
	Bolt (1/4 x 1-3/4 inches)	1	
	Locknut (1/4 inch)	1	

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1

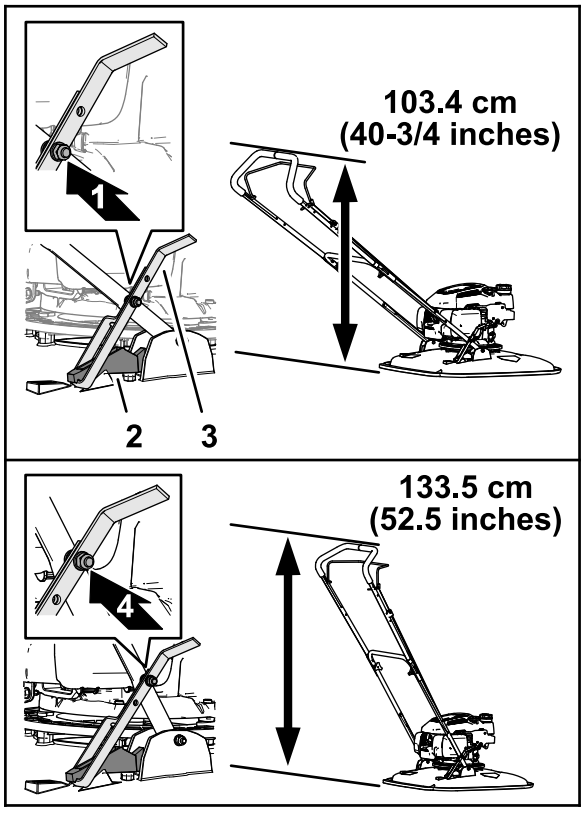
Installing the Handlebar Footstop

Parts needed for this procedure:

-	Lower handlebar (included with the machine)
1	Footstop
2	Washer (6 mm)
1	Locknut (6 mm)

Procedure

Note: You can only use the footstop to support the handlebar in the vertical position when you assemble the handlebar in the lower position (103.4 cm or 40-3/4 inches).

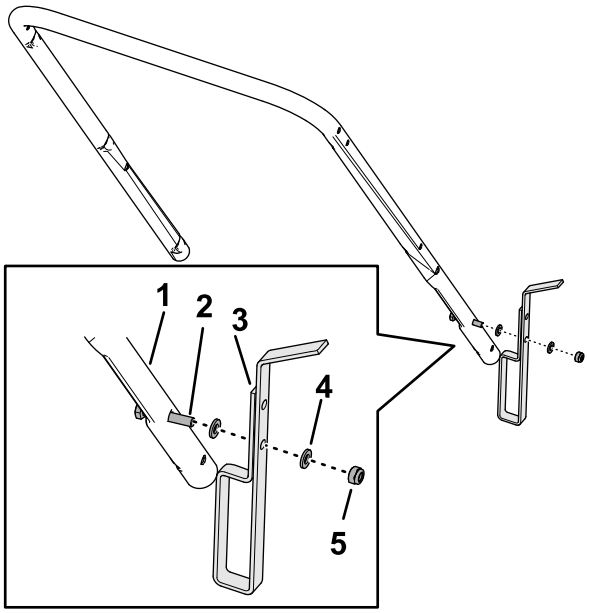


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Figure 1

1. Low-handlebar position
2. Upstop bracket
3. Footstop
4. High-handlebar position

1. Determine the handlebar height when the footstop is secured to the upstop bracket (Figure 1).
2. Align the hole in the footstop with the bolt welded to the lower handlebar (Figure 2).



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Figure 2

1. Lower handlebar
2. Bolt (welded to the lower handlebar)
3. Footstop
4. Washer (6 mm)
5. Locknut (6 mm)

3. Assemble the footstop to the handlebar with the welded bolt, 2 washers (6 mm), and locknut (6 mm).
4. Tighten the locknut and bolt.

   Note: Ensure that you can pivot the footstop.

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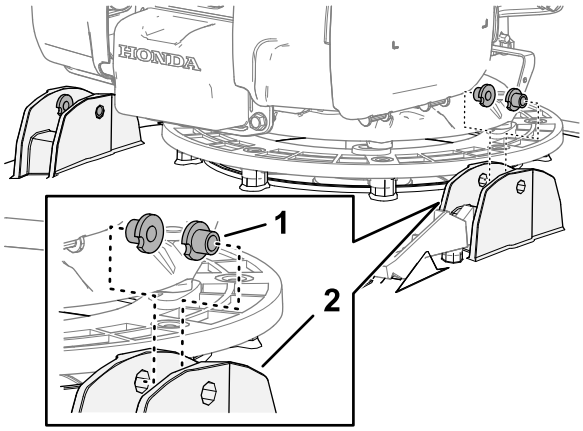
Installing the Handlebar

Parts needed for this procedure:

4	Handle spacer
2	Clevis pin and hairpin cotter assembly
6	Washer (6 mm)
2	Knob
2	U-bolt
-	Upper handlebar (included with the machine)
1	Bolt (1/4 x 1-3/4 inches)
1	Locknut (1/4 inch)

Assembling the Lower Handlebar to the Machine

1. Insert 2 handle spacers into each of the handlebar flanges on the mower deck (Figure 3).

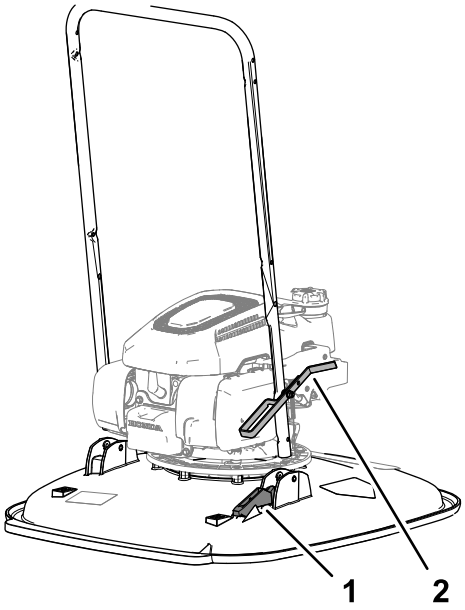


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Figure 3

1. Handle spacer
2. Handlebar flange

2. Align the handlebar foot stop to the up-stop bracket on the deck (Figure 4).

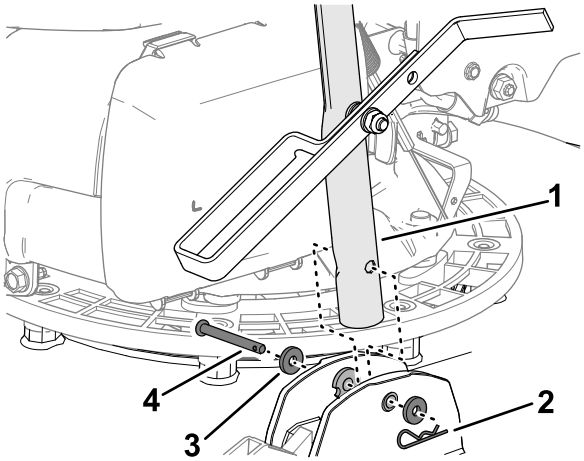


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Figure 4

1. Up-stop bracket
2. Footstop

3. Align the handlebar hole with the handle spacer holes. Secure the handlebar to the machine using a clevis pin, 2 washers (6 mm), and a hairpin cotter.



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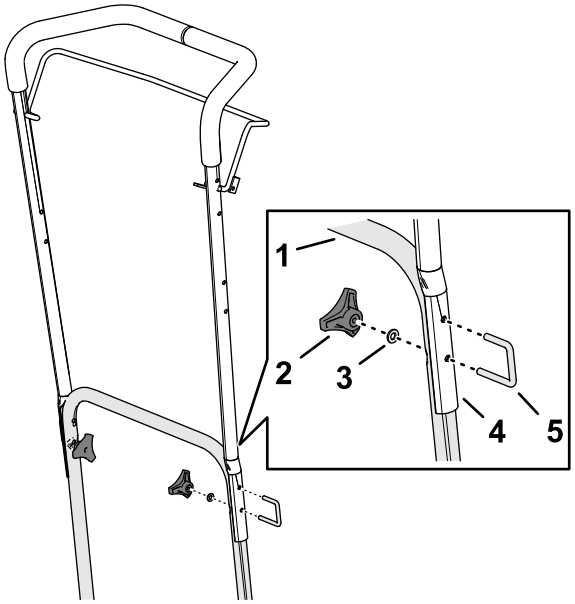
Figure 5

1. Handlebar
2. Hairpin cotter
3. Washer (2)
4. Clevis pin

4. Repeat step 3 at the other side of the machine.

Assembling the Upper and Lower Handlebars

1. Align the holes on the upper handlebar with the holes in the lower handlebar (Figure 6).



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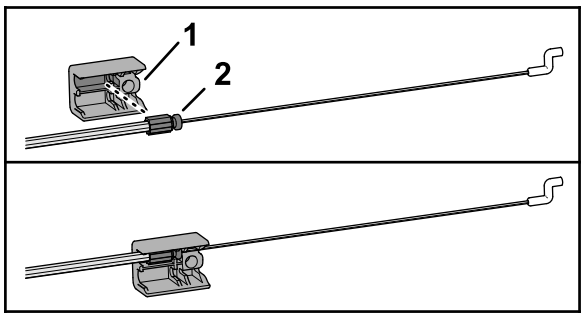
Figure 6

1. Lower handlebar
2. Knob
3. Washer (6 mm)
4. Upper handlebar
5. U-bolt

2. Assemble the upper handlebar to the lower handlebar with the 2 U-bolts, 2 washers (6 mm), and 2 knobs.

Assembling the Cable to the Operator-Presence Bail

1. Insert the fitting at the end of the cable sheath into the upper socket of the handlebar fitting (Figure 7).

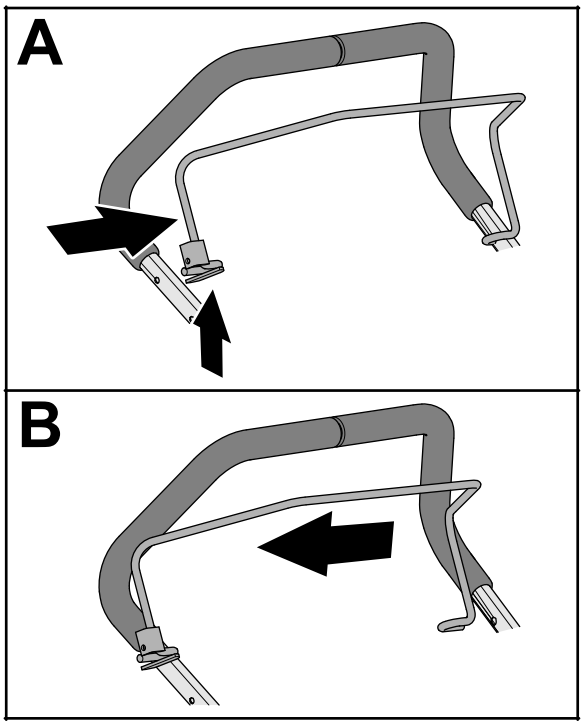


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Figure 7

1. Handlebar fitting
2. Fitting (cable sheath)

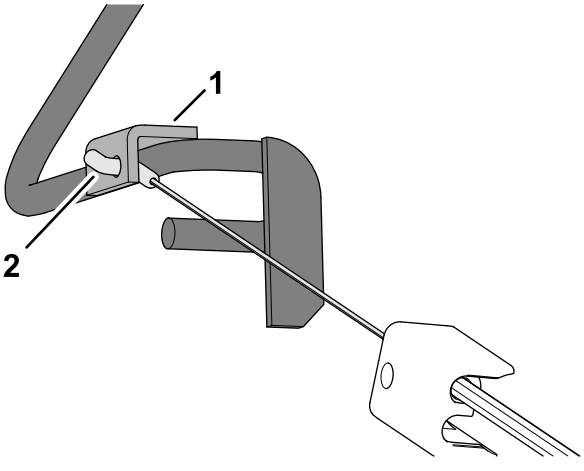
2. Squeeze the leg of the operator-presence bail until you can remove it from the upper handlebar, and remove the bail from the machine (Figure 8).



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Figure 8

3. Insert the cable fitting through the hole in the bracket of the operator-presence bail as shown in Figure 9.

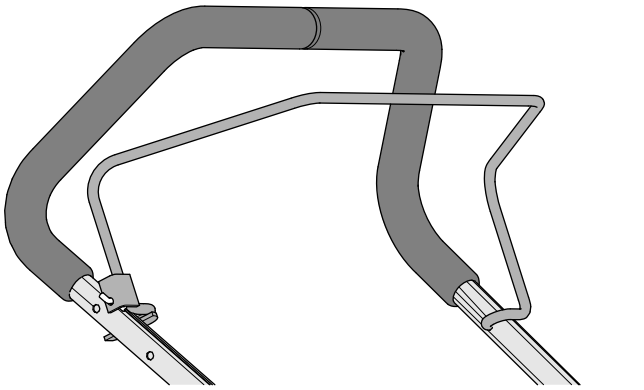


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Figure 9

1. Bracket (operator-presence bail)
2. Cable fitting

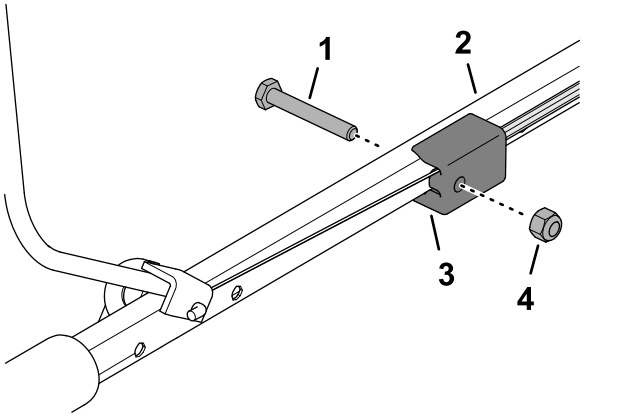
4. Insert the end of the operator-presence bail into the handlebar, squeeze the other leg of bail slightly, and insert the bail into the handlebar (Figure 11).



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Figure 10

5. Secure the handlebar fitting to the upper handlebar (Figure 11) with the bolt (1/4 x 1-3/4 inches) and locknut (1/4 inch).



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Figure 11

1. Bolt (1/4 x 1-3/4 inches)
2. Upper handlebar
3. Handlebar fitting
4. Locknut (1/4 inch)

Notes:

Notes:



Count on it.