

Suspension Seat Kit

Dedicated-Bagging Riding Mower

Model No. 130-8471

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
Suspension assembly	1	Install the suspension seat.
Seat-mount adapter	2	
Short spacer (0.187 inch)	2	
Long spacer (0.785 inch)	4	
Washer (5/16 inch)	12	
Hex-head screw (5/16 x 3/4 inch)	8	
Locknut (5/16 inch)	4	
Hex-head screw (5/16 x 2 inches)	4	
Hex-head screw (5/16 x 1-1/2 inches)	4	
Speed-control extension	1	
Extended-drive lever (short)	2	
Extended-drive lever (long)	2	
Jam nut (3/8 inch)	1	

Note: Determine the left and right sides of the machine from the normal operating position.

Note: Retain the spacers if you have a one-piece, non-welded seat frame.

Installing the Suspension Seat

1. Ensure that all moving parts have stopped, the parking brake is engaged, and the key has been removed.
2. Raise the seat and flip it forward.
3. Disconnect the negative battery cable.
4. Remove the 2 bolts that secure the bottom cushion to the lower seat pan (1 bolt on each side).

Note: Retain the 2 bolts, so they can be installed again.

Note: If the operator-presence switch is internal to the seat, disconnect the harness. Cut any plastic wire ties, and carefully remove the cushion from the seat assembly.

5. Remove the 4 nuts from the studs in the lower seat pan to remove the seat assembly from the isolators.

6. Remove the serrated-flange nuts from the studs that secure the rubber isolators to the seat frame.
7. Remove the rubber isolators.



8. Attach the suspension assembly to the seat frame.

- If the machine has a welded H-Style seat frame, complete the following steps:
 - A. Place a long spacer (0.785 inch) above the outside, front hole in the front set of holes on each side of the seat frame (Figure 1).
 - B. Place a long spacer (0.785 inch) and a short spacer (0.187 inch) above the outside, front hole in the rear set of holes on each side of the frame (Figure 1).
 - C. Place the suspension assembly onto the spacers with the springs facing upward and the adjustment knob facing forward (Figure 1).
 - D. Secure the suspension assembly to the seat frame with 4 hex-head screws (5/16 x 2 inches), 4 washers (5/16 inch), and 4 locknuts (5/16 inch) as shown in Figure 1.

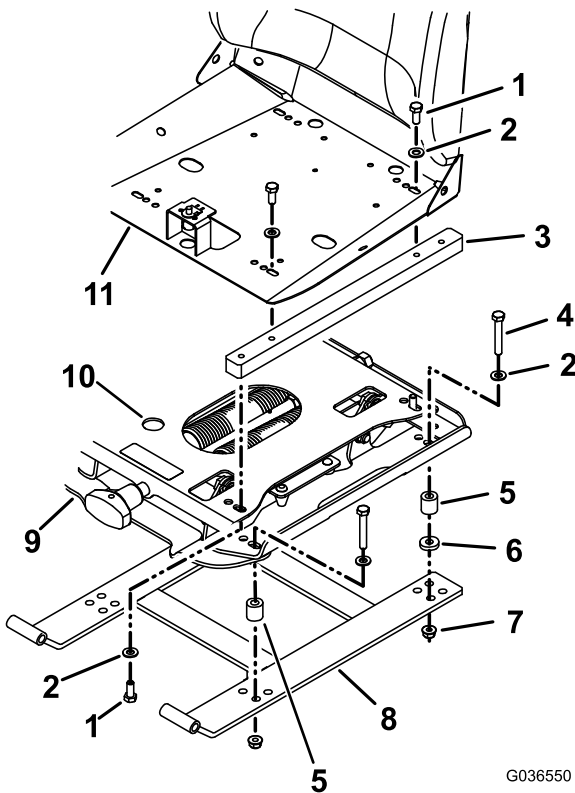


Figure 1

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|-------------------------------------|-----------------------------|
| 1. Hex-head screw (5/16 x 3/4 inch) | 7. Locknut (5/16 inch) |
| 2. Washer (5/16 inch) | 8. H-Style seat frame |
| 3. Seat adapter | 9. Suspension assembly |
| 4. Hex-head screw (5/16 x 2 inches) | 10. Route the harness here. |
| 5. Long spacer (0.785 inch) | 11. Lower seat pan |
| 6. Short spacer (0.187 inch) | |

- If the machine has a one-piece, non-welded seat frame, complete the following steps:

Note: Use the medium spacers (0.25 inch) retained from the seat removal.

- A. Place a medium spacer (0.25 inch) above the front hole in the front set of holes on each side of the seat frame (Figure 2).
- B. Place a medium spacer (0.25 inch) and a short spacer (0.187 inch) above the front hole in the rear set of holes on each side of the seat frame (Figure 2).
- C. Place the suspension assembly onto the spacers with the springs facing upward and the adjustment knob facing forward (Figure 2).
- D. Secure the suspension assembly to the seat frame with 4 hex-head screws (5/16 x 1-1/2 inches), 4 washers (5/16 inch), and 4 locknuts (5/16 inch) as shown in Figure 2.

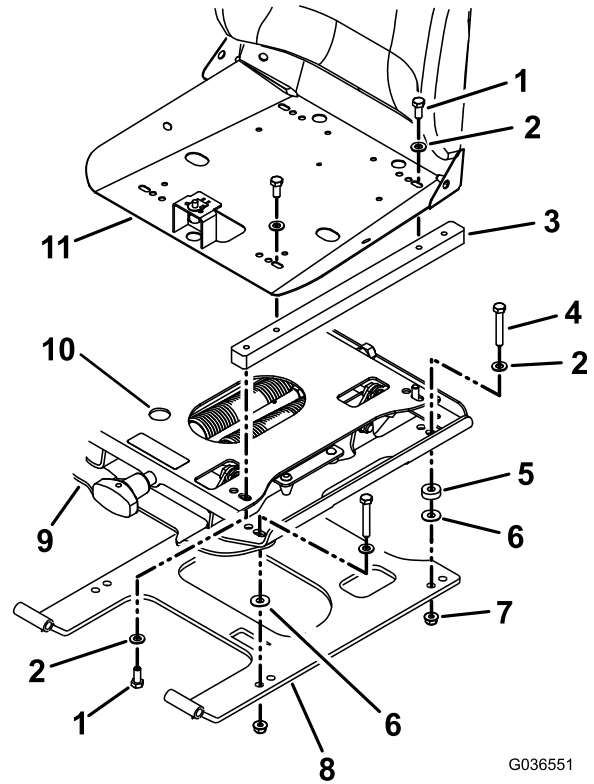


Figure 2

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|----------------------------------------------|-----------------------------|
| 1. Hex-head screw (5/16 x 3/4 inch) | 7. Locknut (5/16 inch) |
| 2. Washer (5/16 inch) | 8. One-piece seat frame |
| 3. Seat adapter | 9. Suspension assembly |
| 4. Hex-head screw (5/16 x 1-1/2 inches) | 10. Route the harness here. |
| 5. Short spacer (0.187 inch) | 11. Lower seat pan |
| 6. Spacer (0.25 inch) from the seat assembly | |

9. Install the adapter bars onto the suspension assembly, using the hex-head screws (5/16 x 3/4 inch) and washers (5/16 inch) provided (Figure 1 or Figure 2).
10. Install the seat onto the adapter bars with the hex-head screws (5/16 x 3/4 inch) and washers (5/16 inch) provided (Figure 1 or Figure 2).
11. If the seat is not equipped with an internal-operator-presence switch, install the bottom seat cushion onto the lower set pan again, using the original bolts removed in step 4.

Note: Carefully route the harness from the seat cushion (if equipped) as shown in Figure 1 or Figure 2.

12. If the seat is equipped with an internal-operator-presence switch perform the following tasks:
 - A. Route the wiring harness through the suspension assembly and through the hole (Figure 1 or Figure 2).
 - B. Connect the wiring harness to the seat switch.

Important: Ensure that the harness routing does not interfere with the operation of the suspension assembly or the operation of the seat hinge.

- C. Install the seat cushion using the screws removed in step 4.
13. Pull the weight-adjustment knob out (forward) and rotate to adjust for the weight of the operator.

Note: Push the adjustment knob back in when finished.

Note: There are approximately 40 revolutions needed to change from the lightest to the stiffest setting. It is suggested that the seat be initially adjusted to barely move downward when the operator sits down **slowly** on the seat.

14. Remove the speed-control knob and the jam nut (3/8 inch).
15. Install the speed-control extension and a jam nut (3/8 inch) onto the speed-control lever (Figure 3).

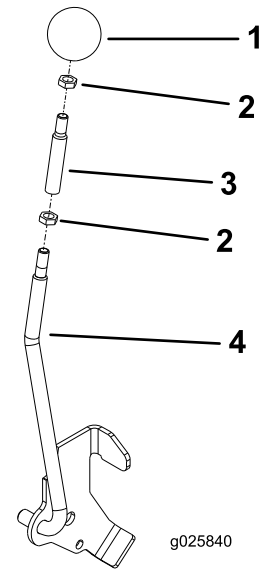


Figure 3

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|-----------------------|----------------------------|
| 1. Speed-control knob | 3. Speed-control extension |
| 2. Jam nut (3/8 inch) | 4. Speed-control lever |

16. Install the speed-control knob and a jam nut (3/8 inch) as shown in Figure 3.
17. Remove the hex-head screws (1/4 x 7/8 inch), the serrated-flange nuts (1/4 inch), and the handles (Figure 4).

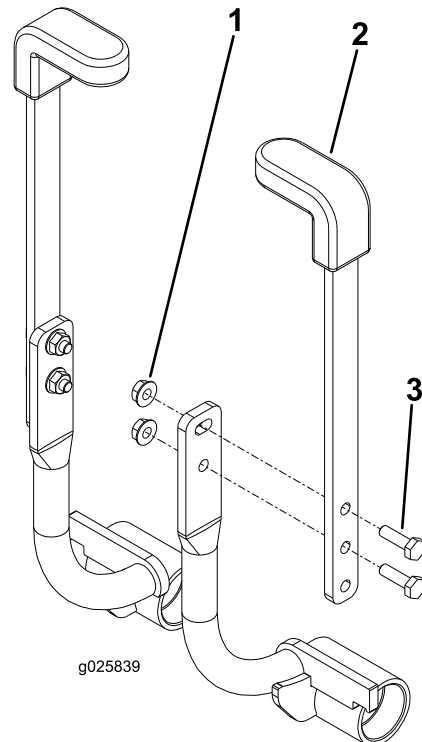


Figure 4

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|-----------------------------------|------------------------------------|
| 1. Serrated-flange nut (1/4 inch) | 3. Hex-head screw (1/4 x 7/8 inch) |
| 2. Handle | |

18. Install the extended-drive levers, using the hardware removed in step 17 (Figure 4).
 - For 2013 models and newer, use the longer handles.
 - For 2012 models and older, use the shorter handles.
19. Connect the negative battery cable.
20. Test drive the machine, and adjust the suspension to the desired level of support.

Important: To prevent the engine from cutting out when operating over rough ground, the unit is equipped with a time-delayed seat switch. When the operator rises off the seat with either the brake disengaged or the PTO engaged, the engine stops after 1/2 second has elapsed.