Form No. 3402-903 Rev A

CE Guard Kit

Groundsmaster® 3280-D Traction Unit

Model No. 30215

Installation Instructions

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

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.

⚠ CAUTION

This machine produces sound levels in excess of 85 dBA at the operator's ear and can cause hearing loss through extended periods of exposure.

Wear hearing protection when operating this machine.

Sound Power Level

This unit has a guaranteed sound power level of 105 dBA, which includes an Uncertainty Value (K) of 1 dBA.

Sound power level was determined according to the procedures outlined in ISO 11094.

Sound Pressure Level

This unit has a sound pressure level at the operator's ear of 90 dBA, which includes and Uncertainty Value (K) of 1 dBA.

Sound pressure level was determined according to the procedures outlined in EN ISO 5395:2013.

Vibration Level

Hand-Arm

Measured vibration level for right hand = 1.25 m/s^2.

Measured vibration level for left hand = 1.28 m/s^2.

Uncertainty Value (K) = 0.5 m/s^2.

Measured values were determined according to the procedures outlined in EN ISO 5395:2013.

Whole Body

Measured vibration level = 0.37 m/s^2.

Uncertainty Value (K) = 0.5 m/s^2.

Measured values were determined according to the procedures outlined in EN ISO 5395:2013.

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Register at www.Toro.com.

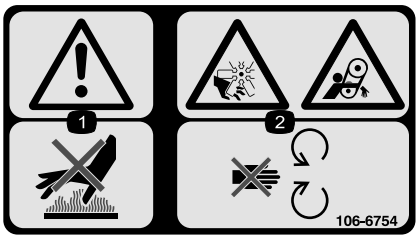
CE

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3402-903 A

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 lost.



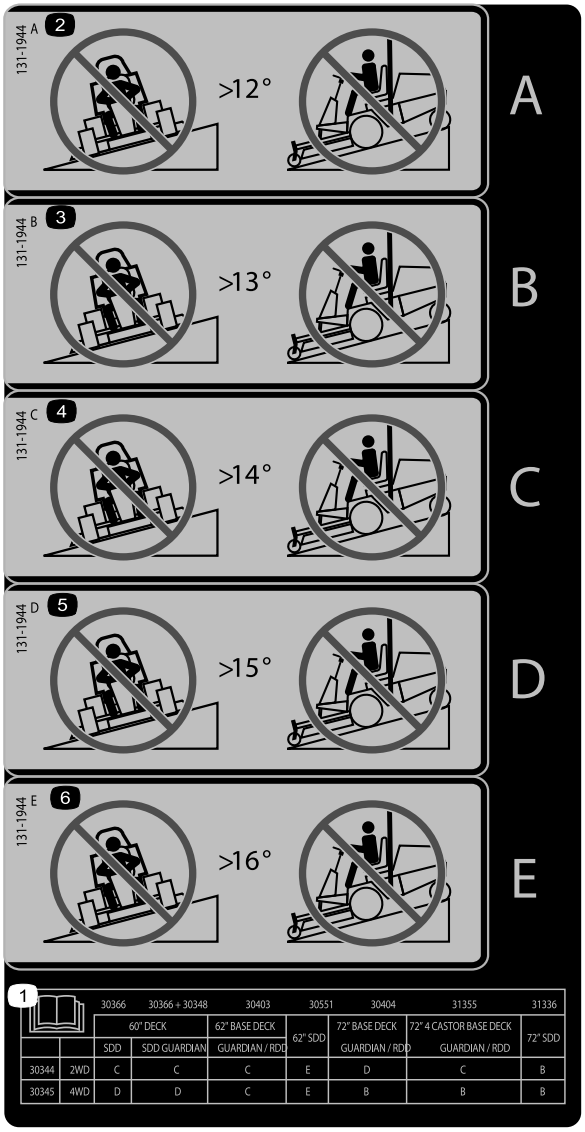
106-6754

1. Warning—do not touch the hot surface.
2. Cutting/dismemberment hazard, fan and entanglement hazard, belt—stay away from moving parts.



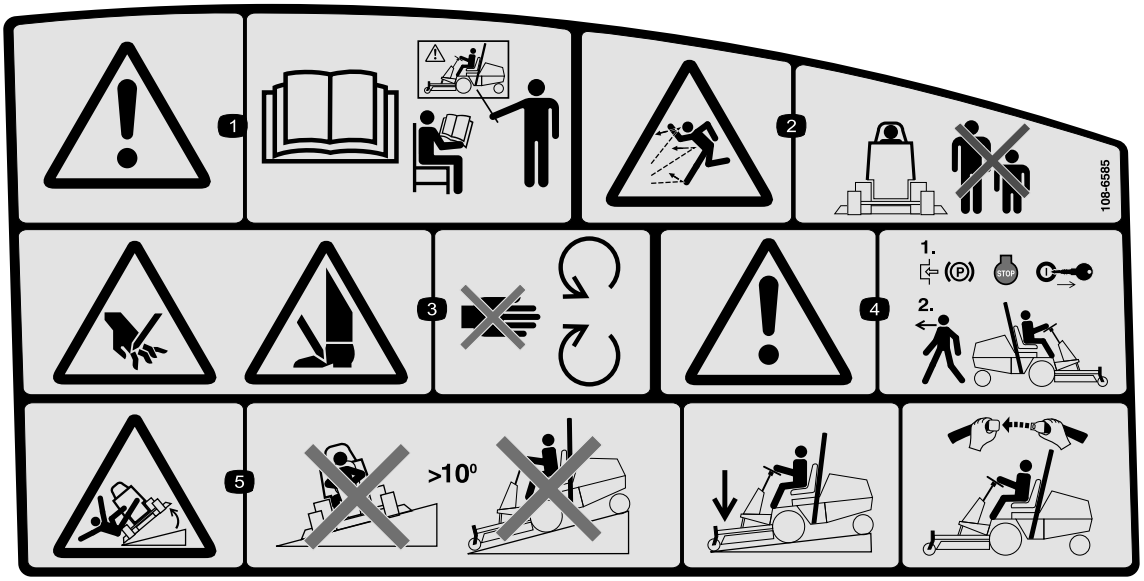
131-3393

1. Read the *Operator's Manual*.



131-1944

1. Read the *Operator's Manual* and refer to the chart below to determine the correct decal for your machine.
2. Do not drive across or down slopes greater than 12 degrees.
3. Do not drive across or down slopes greater than 13 degrees.
4. Do not drive across or down slopes greater than 14 degrees.
5. Do not drive across or down slopes greater than 15 degrees.
6. Do not drive across or down slopes greater than 16 degrees.



108-6585

(Apply over 114-2855 for CE machines)

* This safety decal includes a slope warning required on the machine for compliance to the European Lawn Mower Safety Standard EN ISO 5395:2013. The conservative maximum slope angles indicated for operation of this machine are prescribed by and required by this standard.

1. Warning—read the *Operator's Manual*, all operators should be trained before operating the machine.
2. Thrown object hazard—keep bystanders a safe distance from the machine and keep the deflector in place.
3. Cutting/dismemberment hazard of hands or feet, mower blade—stay away from moving parts.
4. Warning—engage the parking brake, and remove the ignition key before leaving the machine.
5. Tipping hazard—do not drive the machine on a slope greater than 10 degrees; when driving down slopes, lower the cutting unit, and if the roll bar is raised, wear the seat belt.

Loose Parts

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

Procedure	Description	Qty.	Use
1	Guard mount	1	Install the gearbox guards.
	Gearbox guard	1	
	Joint guard	1	
	Drive-assembly guard	1	
	Nut (1/4 inch)	3	
	Shoulder bolt	2	
	Spring washer	2	
	Spacer	1	
	Washer (9/32 inch)	1	
	Bolt (1/4 x 5/8 inch)	1	
	Bolt (3/8 x 1/2 inch)	4	
	Bolt (1/4 x 3/8 inch)	2	
2	Left PTO guard	1	Install the PTO guards.
	Right PTO guard	1	
	Grommet	1	
	Bolt (3/8 x 7/8 inch)	2	
	Washer (7/16 inch)	2	
	Locknut (3/8 inch)	2	
	Bolt (5/16 x 1/2 inch)	2	
	Washer (3/8 inch)	4	
	Bolt (5/16 x 3/4 inch)	2	
	Nut (5/16 inch)	2	
	Safety decal (108-6585)	1	
	Safety decal (131-1944)	1	
	Safety decal (131-3393)	1	
3	Axle guard	1	Install the axle guard.
	Bolt (3/8 x 7/8 inch)	1	
	Bolt (1/4 x 3/8 inch)	1	
4	Lock assembly	1	Install the hood latch.
	Hood latch	1	
	Bolt (1/4 x 3/4 inch)	2	
	Washer (9/32 inch)	4	
	Locknut (1/4 inch)	2	
	Safety decal (106-6754)	1	

1

Installing the Gearbox Guards

Parts needed for this procedure:

1	Guard mount
1	Gearbox guard
1	Joint guard
1	Drive-assembly guard
3	Nut (1/4 inch)
2	Shoulder bolt
2	Spring washer
1	Spacer
1	Washer (9/32 inch)
1	Bolt (1/4 x 5/8 inch)
4	Bolt (3/8 x 1/2 inch)
2	Bolt (1/4 x 3/8 inch)

Procedure

Note: If there are no mounting holes in the fuel-tank support bracket, drill the 2 holes (5.6 mm or 7/32 inch diameter) as shown in Figure 1.

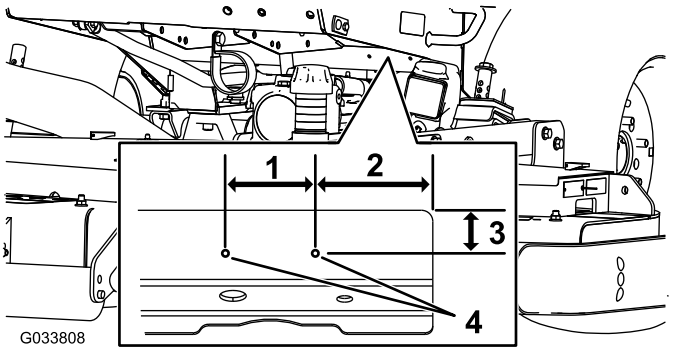


Figure 1

1. 76 mm (3 inch)
2. 100 mm (3.9 inch)
3. 37 mm (1.4 inch)
4. Hole—5.6 mm (7/32 inch) diameter

1. Attach the guard mount to the fuel-tank support bracket using 2 bolts (1/4 x 3/8 inch) as shown in Figure 2.

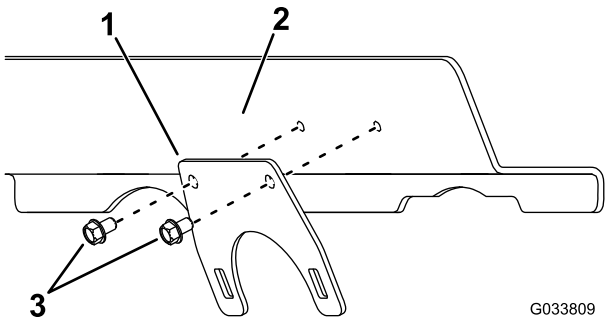


Figure 2

1. Fuel-tank support bracket
2. Guard mount
3. Bolt (1/4 x 3/8 inch)

2. Attach the joint guard to the drive-assembly guard using a bolt (1/4 x 5/8 inch), spacer, washer (9/32 inch), and nut (1/4 inch) as shown in Figure 3.

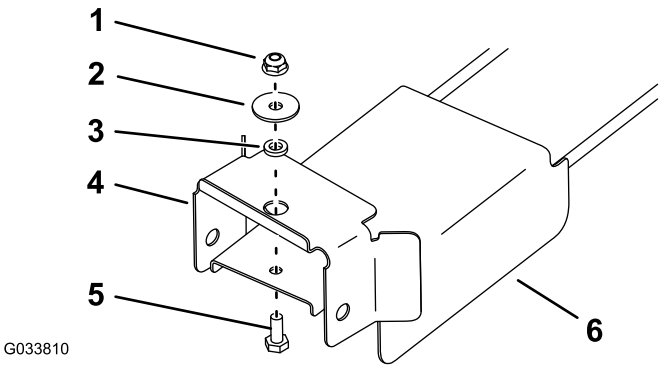


Figure 3

1. Nut (1/4 inch)
2. Washer (9/32 inch)
3. Spacer
4. Joint guard
5. Bolt (1/4 x 5/8 inch)
6. Drive-assembly guard

3. Attach the joint guard to the gearbox guard using 2 shoulder bolts, 2 spring washers, and 2 nuts (1/4 inch) as shown in Figure 4.

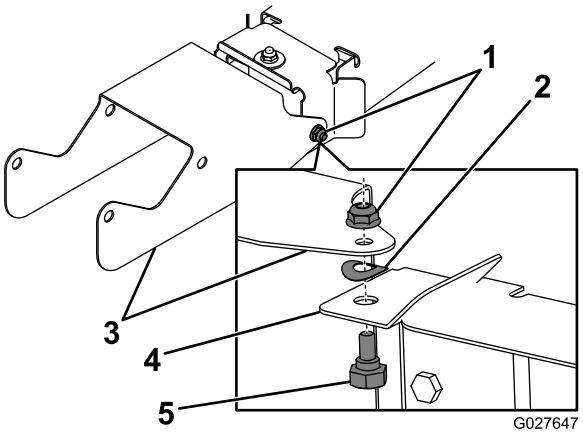


Figure 4

1. Nut (1/4 inch)
2. Spring washer
3. Gearbox guard
4. Joint guard
5. Shoulder bolt

4. Slide the posts of the drive-assembly guard through the slots in the guard mount (Figure 5).

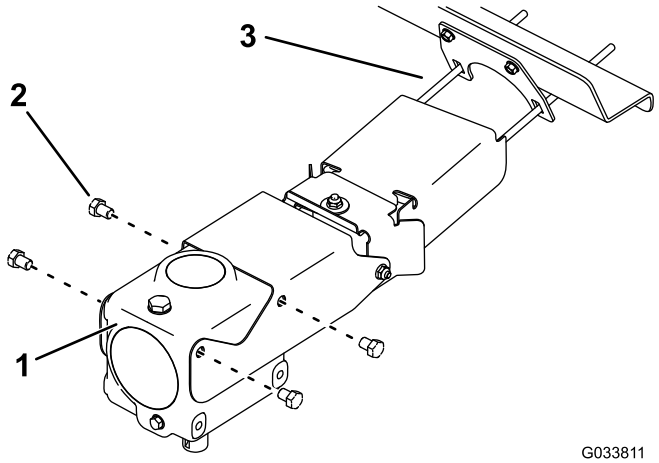


Figure 5

1. Gearbox
2. Bolt (3/8 x 1/2 inch)
3. Drive-assembly guard posts

5. Attach the gearbox guard to the gearbox using 4 bolts (3/8 x 1/2 inch) as shown in Figure 5.

2

Installing the PTO Guards

Parts needed for this procedure:

1	Left PTO guard
1	Right PTO guard
1	Grommet
2	Bolt (3/8 x 7/8 inch)
2	Washer (7/16 inch)
2	Locknut (3/8 inch)
2	Bolt (5/16 x 1/2 inch)
4	Washer (3/8 inch)
2	Bolt (5/16 x 3/4 inch)
2	Nut (5/16 inch)
1	Safety decal (108-6585)
1	Safety decal (131-1944)
1	Safety decal (131-3393)

Procedure

Note: If there are no mounting holes in the frame, drill 2 holes (7 mm or 0.28 inch diameter) as shown in Figure 6.

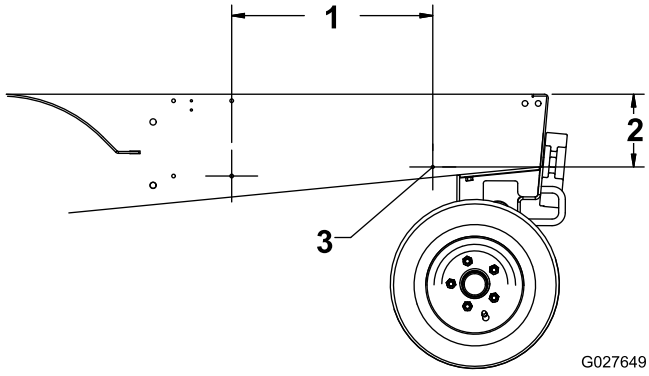


Figure 6

1. 48 cm (19.0 inches)
2. 17.5 cm (6.9 inches)
3. Hole—7 mm (0.28 inch) diameter

1. If you have a 4-wheel-drive model, insert the grommet into the right PTO guard (Figure 7).

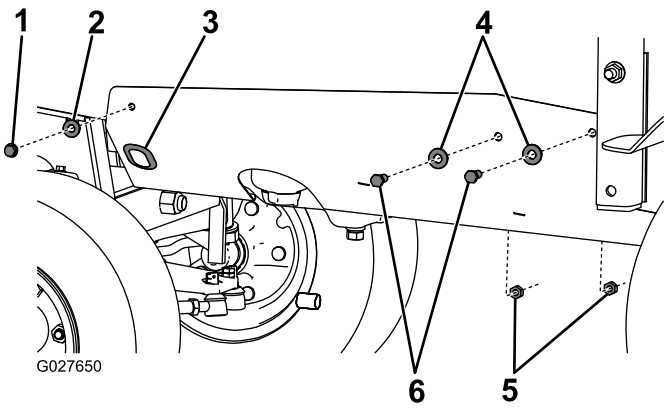


Figure 7

1. Bolt (5/16 x 1/2 inch)
2. Washer (3/8 inch)
3. Grommet (4-wheel-drive only)
4. Washer (7/16 inch)
5. Locknut (3/8 inch)
6. Bolt (5/16 x 3/4 inch)

2. Attach the front of the right PTO guard to the right side of the machine using 2 bolts (3/8 x 7/8 inch), 2 washers (7/16 inch), and 2 locknuts (3/8 inch) as shown in Figure 7.
3. Attach the rear of the right PTO guard to the machine using a bolt (5/16 x 1/2 inch) and washer (3/8 inch) as shown in Figure 7.
4. If you have a 4-wheel-drive model, route the steering hoses through the grommet installed in step 1.
5. Attach the front of the left PTO guard to the left side of the machine using 2 bolts (5/16 x 3/4 inch), 2 washers (3/8 inch), and 2 nuts (5/16 inch) as shown in Figure 8.

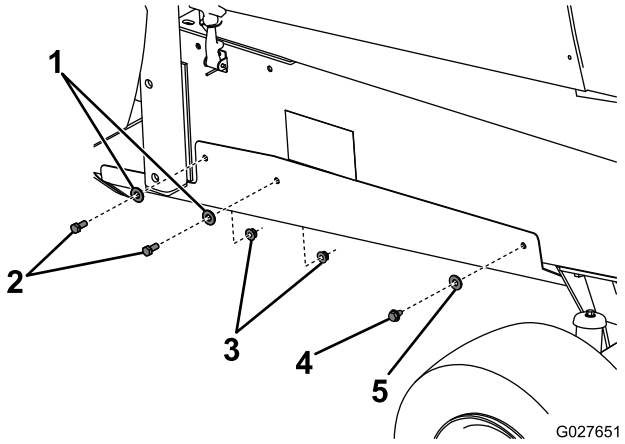


Figure 8

1. Washer (3/8 inch)
2. Bolt (5/16 x 3/4 inch)
3. Nut (5/16 inch)
4. Bolt (5/16 x 1/2 inch)
5. Washer (3/8 inch)

6. Attach the rear of the left PTO guard to the machine using a bolt (5/16 x 1/2 inch) and washer (3/8 inch) as shown in Figure 8.
7. Apply decal 108-6585 to the toolbox cover (Figure 9).

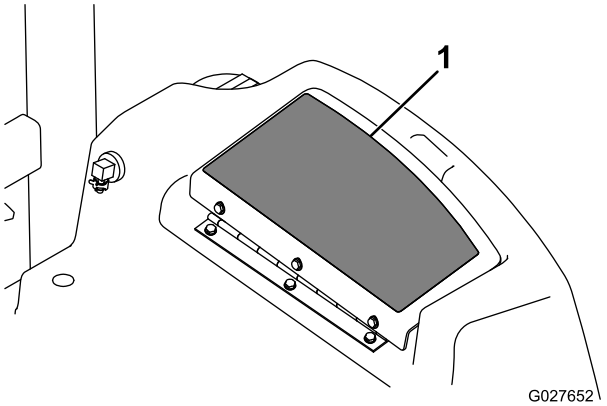


Figure 9

1. Decal 108-6585

8. Use the table below to select the correct tipping-hazard-warning decal for your machine from decal 131-1944.

	Model 30366	Model 30366+30348	Model 30403	Model 30551	Model 30404	Model 31335	Model 31336
	60-inch base deck		62-inch base deck	62-inch SDD	72-inch base deck	72-inch 4-castor base deck	72-inch SDD
	SDD	SDD Guardian	Guardian/RDD		Guardian/RDD	Guardian/RDD	
Model 30344 (2-wheeldrive)	C	C	C	E	D	C	B
Model 30345 (4-wheel drive)	D	D	C	E	B	B	N/A

9. Place the new tipping-hazard warning decal over the existing tipping-hazard warning on the decal that you installed in step 7 (Figure 10).

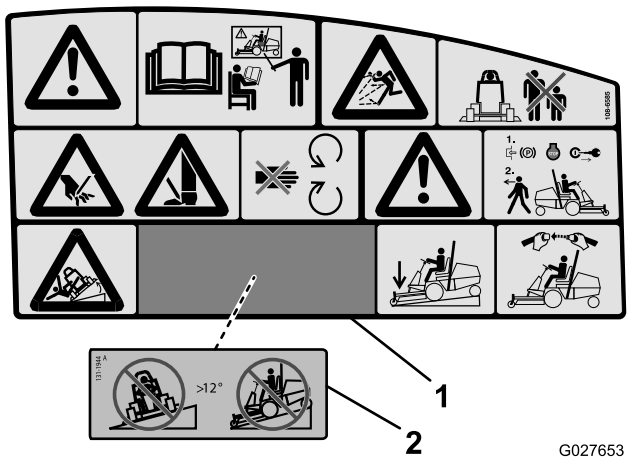


Figure 10

1. Decal 131-1944
2. Existing tipping-hazard warning

10. Apply the sound-power-rating portion of decal 131-3393 to the regulatory decal located on the frame below the seat (Figure 11).

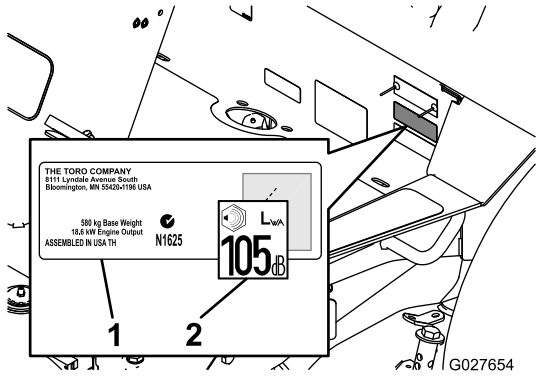


Figure 11

1. Regulatory decal
2. Decal 131-3393

11. Apply the CE portion of decal 131-3393 wherever there is space near the regulatory decal.

3

Installing the Axle Guard

Parts needed for this procedure:

1	Axle guard
1	Bolt (3/8 x 7/8 inch)
1	Bolt (1/4 x 3/8 inch)

Procedure

Note: If there are no mounting holes in the frame, drill the 6 mm (0.241 inch) hole according to Figure 12.

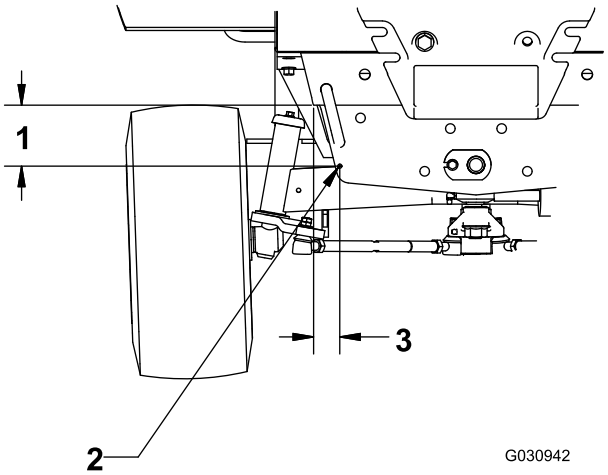


Figure 12

1. 9 cm (3.6 inches)
2. Hole—6 mm (0.241 inch) diameter
3. 4 cm (1.5 inches)

1. Select the axle guard for either the 2-wheel-drive or 4-wheel-drive machine (Figure 13).

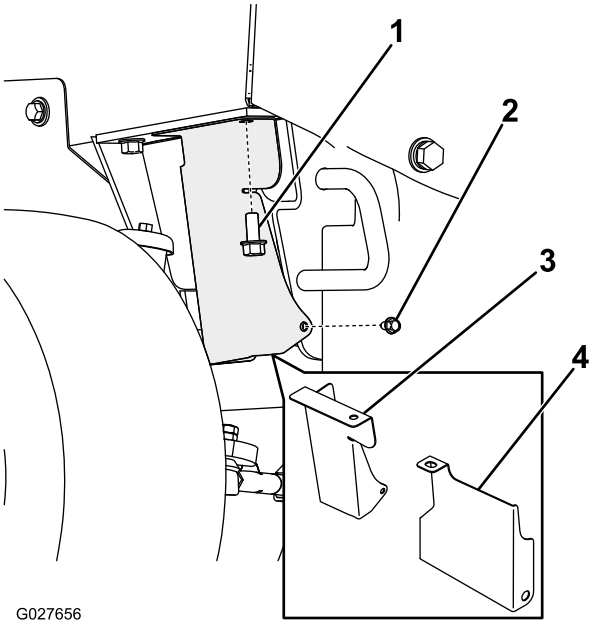


Figure 13

1. Bolt (3/8 x 7/8 inch)
2. Bolt (1/4 x 3/8 inch)
3. 2-wheeldrive axle guard
4. 4-wheel-drive axle guard

2. Attach the axle guard to the machine using the provided bolts (Figure 13).

4

Installing the Hood Latch

Parts needed for this procedure:

1	Lock assembly
1	Hood latch
2	Bolt (1/4 x 3/4 inch)
4	Washer (9/32 inch)
2	Locknut (1/4 inch)
1	Safety decal (106-6754)

Procedure

1. Open the hood.
2. Attach the hood latch to the radiator frame using the provided fasteners (Figure 14).

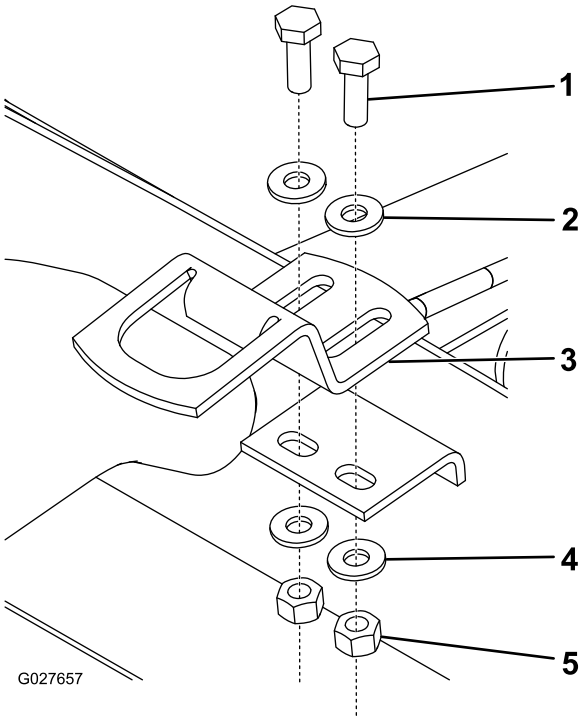


Figure 14

1. Bolt (1/4 x 3/4 inch)
2. Washer (9/32 inch)
3. Hood latch
4. Washer (9/32 inch)
5. Locknut (1/4 inch)

3. Remove the washer and nut from the lock assembly.

4. Insert the lock assembly and washer into the hole on the hood and secure it underneath with the nut (Figure 15).

   Note: Ensure that the lock is correctly oriented.

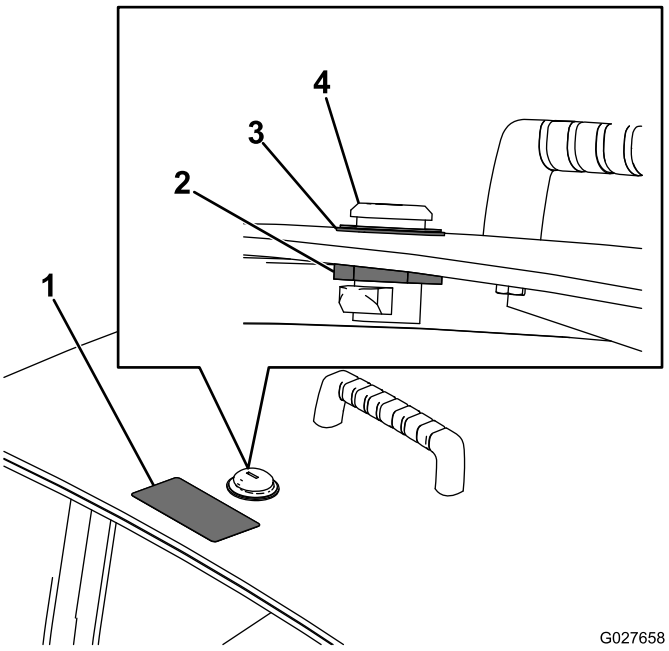


Figure 15

1. Decal 106-6754
2. Nut
3. Washer
4. Lock assembly

5. Apply the decal to the hood next to the latch (Figure 15).

Notes:



Count on it.