

▲ 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

- Always follow the vehicle manufacturer's recommendations relating to system installation.
- Due to the variety of equipment that you can install using the undercarriage, ensure that the gross-vehicle-weight rating (GVWR) is not exceeded at any time. You may need to weigh the vehicle and add ballast or limit the payload of the vehicle to compensate.

Installation

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

1. Park the machine on a level surface, shut off the engine, wait for all moving parts to stop, engage the parking brake, and remove the key.
2. Using the plow skid plate as a guide, drill out the 8 holes on the vehicle bumper and frame to 7/16 inch (Figure 1).

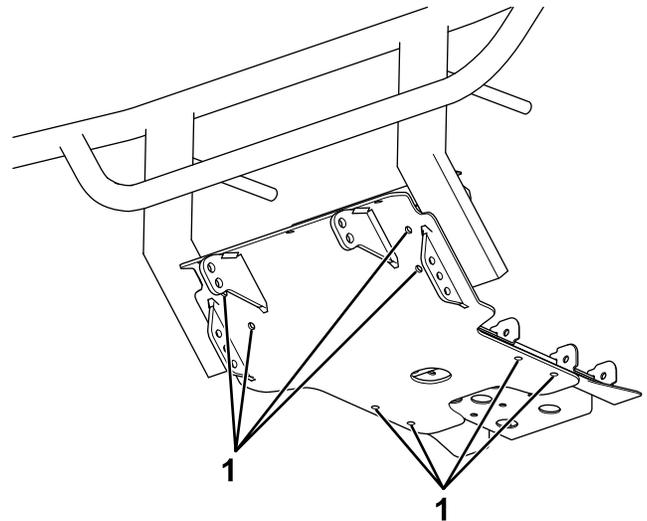


Figure 1

g222696

1. Drill here.

3. Remove and retain the 5 bolts securing the vehicle front bumper to the frame and set the bumper aside.
4. Secure the support mounts to the vehicle frame using 4 bolts (3/8 inch), washers, and locknuts (Figure 2).

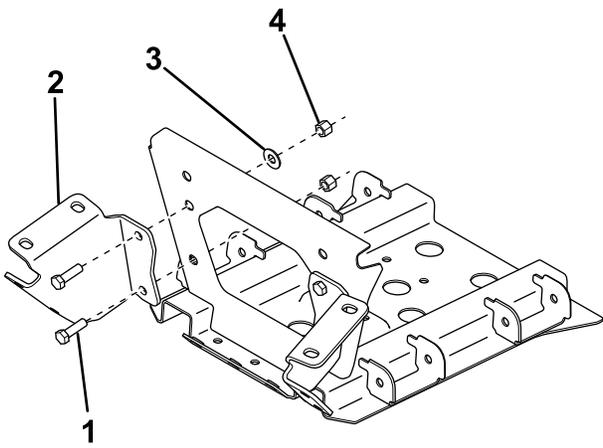


Figure 2

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- | | |
|--------------------|-----------------------|
| 1. Bolt (3/8 inch) | 3. Washer (3/8 inch) |
| 2. Support mount | 4. Locknut (3/8 inch) |

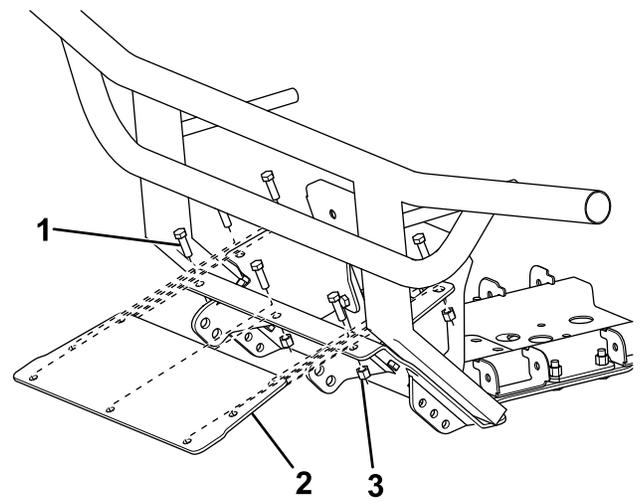


Figure 4

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- | | |
|--------------------|-----------------------|
| 1. Bolt (3/8 inch) | 3. Locknut (3/8 inch) |
| 2. Winch plate | |

5. Attach the previously removed vehicle front bumper.
6. Secure the front of the plow skid plate to the vehicle and undercarriage support mounts using 4 bolts (3/8 inch) and locknuts (Figure 3).

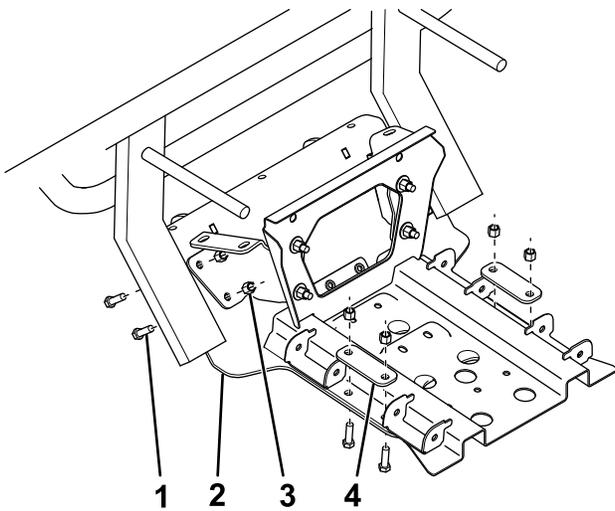


Figure 3

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- | | |
|--------------------|-----------------------|
| 1. Bolt (3/8 inch) | 3. Locknut (3/8 inch) |
| 2. Skid plate | 4. Backer plate |

7. Secure the rear of the plow skid plate to the vehicle using 4 bolts (3/8 inch), 2 backer plates, and 4 locknuts (Figure 3).
8. Torque the new bolts to 31 N·m (23 ft-lb).

Note: Refer to your vehicle manufacturer for torque specifications of existing hardware.

9. Secure the winch plate to the plow skid plate and support mounts using 7 bolts (3/8 inch) and locknuts (Figure 4).

10. Secure the outside of the pushbeam assembly to the skid plate using 6 bolts (3/8 inch) and locknuts (Figure 5).

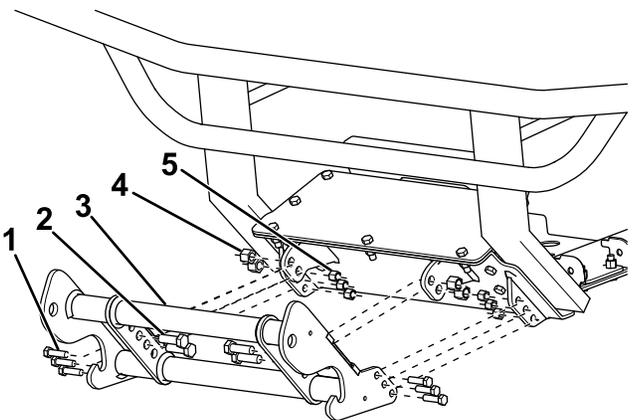


Figure 5

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- | | |
|----------------------|-----------------------|
| 1. Bolt (3/8 inch) | 4. Locknut (1/2 inch) |
| 2. Bolt (1/2 inch) | 5. Locknut (3/8 inch) |
| 3. Pushbeam assembly | |

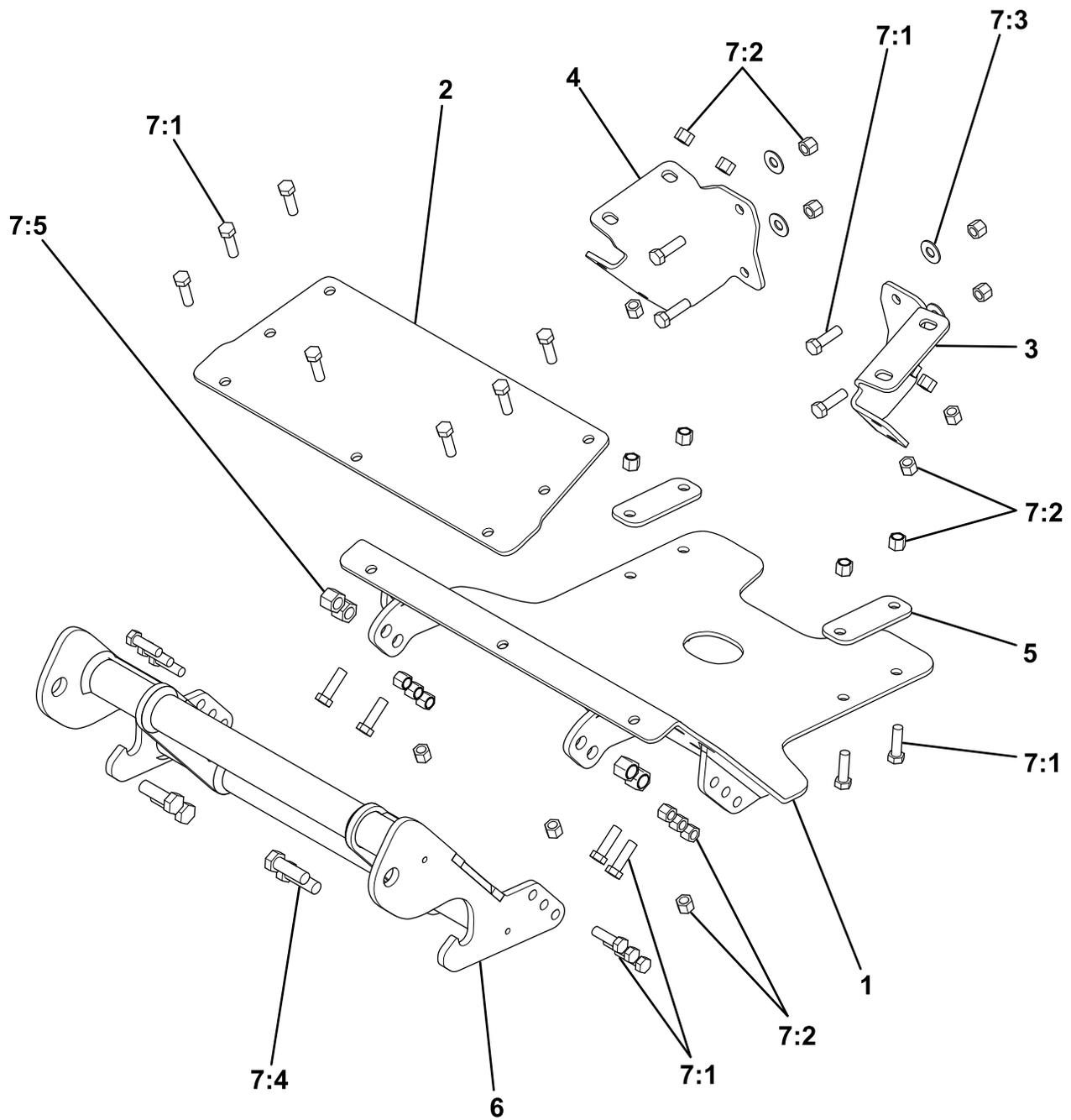
11. Secure the inside of the pushbeam assembly to the skid plate using 4 bolts (1/2 inch) and locknuts (Figure 5).

12. Torque all the fasteners to the following specifications:

- 3/8 inch bolts to 31 N·m (23 ft-lb)
- 1/2 inch bolts to 76 N·m (56 ft-lb)

Note: Refer to your vehicle manufacturer for torque specifications of existing hardware.

13. Apply the BOSS decal to the front of the pushbeam assembly.



Parts

g222695

Ref.	Part Number	Qty.	Description	Ref.	Part Number	Qty.	Description
1	LTA12421	1	SKID PLATE ASSEMBLY	7:1	HDW01771	25	3/8"-16 X 1-1/4" GR5 CARRIAGE BOLT
2	LTA12432	1	WINCH PLATE	7:2	HDW01720	25	3/8"-16 NYLON LOCK NUT
3	LTA12426	1	SUPPORT MOUNT, DRIVER SIDE	7:3	HDW01733	4	3/8" FLAT WASHER
4	LTA12428	1	SUPPORT MOUNT, PASSENGER SIDE	7:4	HDW01728	4	1/2"-13 X 1-1/2" GR5 HEX HEAD BOLT
5	LTA12435	2	BACKER PLATE	7:5	HDW01748	4	1/2"-13 NYLON LOCK NUT
6	PBA12535	1	PUSHBEAM				
7	HDW12430	1	FASTENER KIT, KAWA MULE PRO, 2015+				

BOSS
S N O W P L O W