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## 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

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. Remove the 2 bolts securing the bumper caps to the face of the bumper and remove the bumper caps.
3. Remove the 6 bolts securing the bottom skid plate to the vehicle frame.

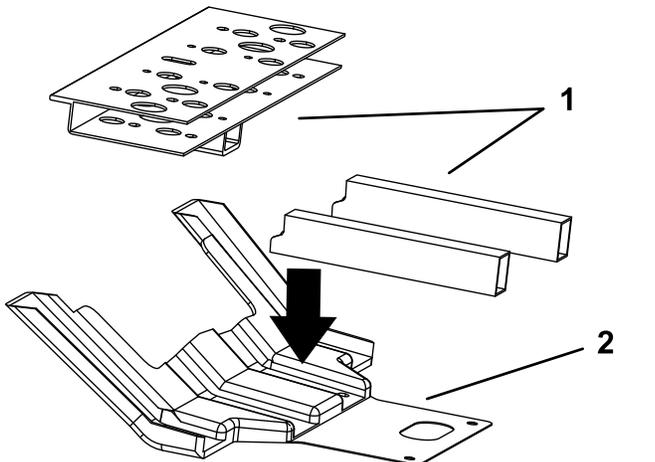


Figure 1

1. Frame                      2. Skid plate

4. Using the bolt puller, insert 2 bolts (1/2 x 1-1/2 inches) through the rearmost hole in the frame tubes.

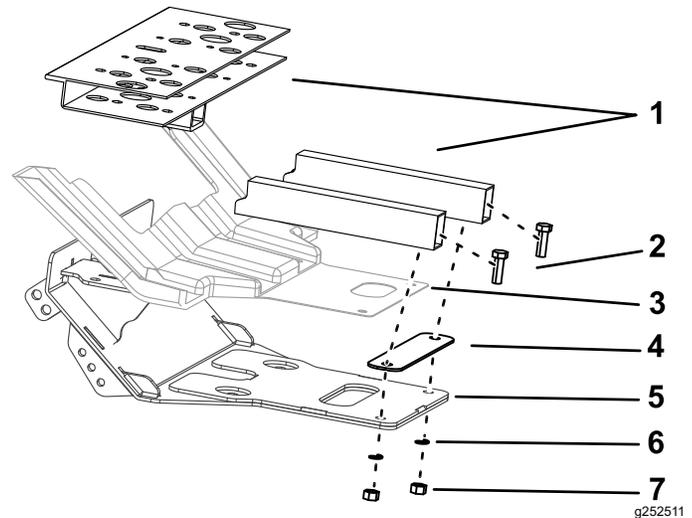


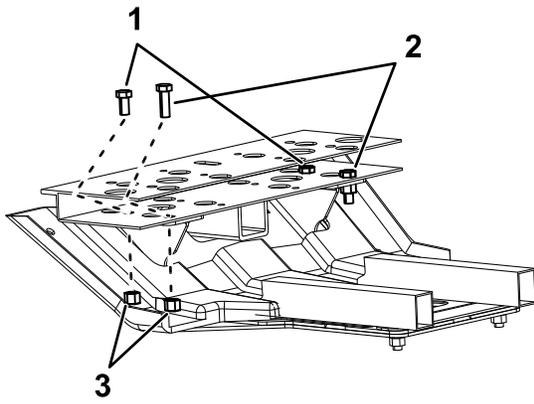
Figure 2

- |                               |                           |
|-------------------------------|---------------------------|
| 1. Frame                      | 5. Undercarriage          |
| 2. Bolts (1/2 x 1-1/2 inches) | 6. Washers                |
| 3. Skid plate                 | 7. Nuts (1/2 x 7/16 inch) |
| 4. Spacer                     |                           |

5. Secure the plow skid plate and vehicle bottom skid plate to the vehicle frame using the existing and supplied hardware as shown in [Figure 2](#) and [Figure 3](#).

**Note:** The previously removed rear skid plate bolts are not needed.





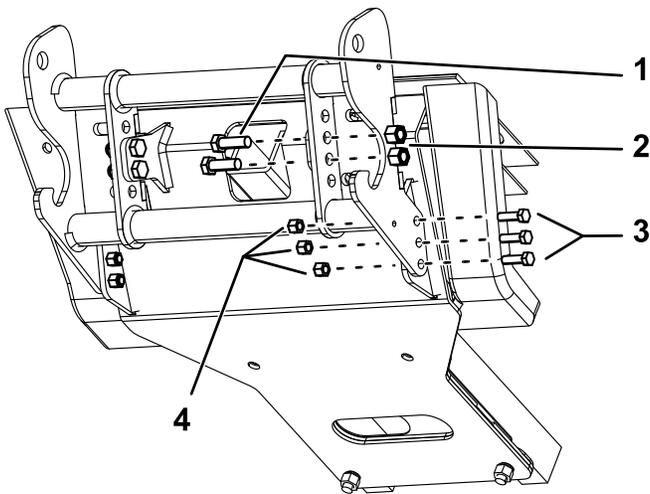
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**Figure 3**

- 1. Bolts (1/2 x 1 inch)
- 2. Bolts (1/2 x 1-1/2 inches)
- 3. Locknuts (1/2 x 1 inch)

- 6. Torque all of the fasteners to 31 N·m (23 ft-lb).
- 7. Mount the pushbeam to the plow skid plate using 4 bolts (1/2 x 1-1/2 inches), 4 locknuts (1/2 inch), 6 bolts (3/8 x 1-1/4 inches), and 6 locknuts (3/8 inch) as shown in [Figure 4](#).

**Note:** Refer to your plow *Owner's Manual* for the appropriate pushbeam height.

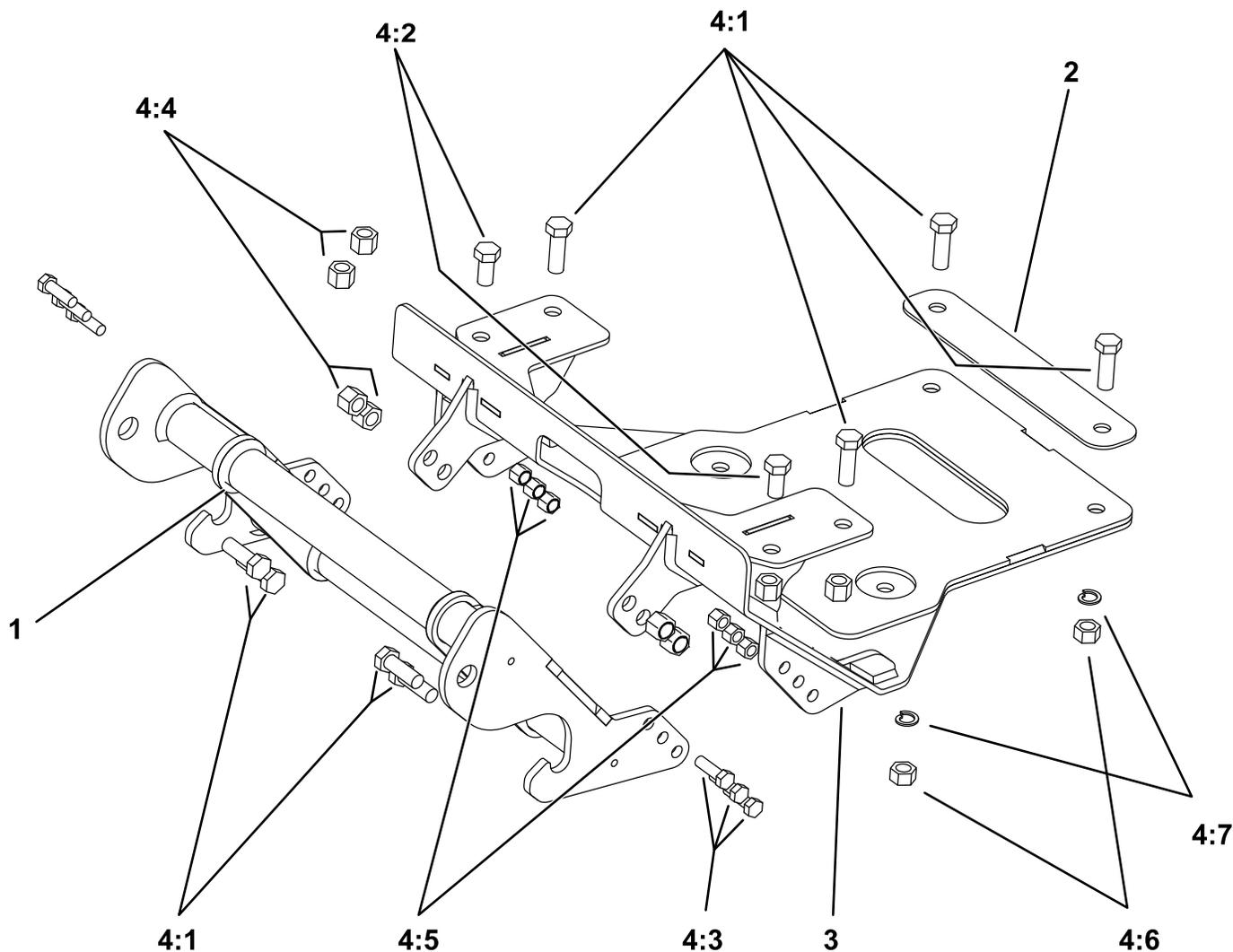


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**Figure 4**

- 1. Bolt (1/2 x 1-1/2 inches)
- 2. Locknut (1/2 inch)
- 3. Bolt (3/8 x 1-1/4 inches)
- 4. Locknut (3/8 inch)

- 8. Torque the 1/2-inch bolts to 76 N·m (56 ft-lb), and torque the 3/8-inch bolts to 31 N·m (23 ft-lb).
- 9. Apply the BOSS decal to the top tube on the vehicle bumper.



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| Ref. | Part Number | Qty. | Description                                  |
|------|-------------|------|--|
| 1    | PBA12535    | 1    | PUSHBEAM ASSEMBLY                            |
| 2    | LTA12348    | 1    | REAR SHIM                                    |
| 3    | LTA29150    | 1    | SKID PLATE ASSEMBLY                          |
| 4    | HDW12347    | 1    | FASTENER KIT, UC, UTV, JD GATOR 835/865, 18+ |
| 4:1  | HDW01728    | 8    | 1/2"-13X1-1/2" GR5 HEX HEAD BOLT             |
| 4:2  | HDW01781    | 2    | 1/2"-13X1", NC, GR5, HEX HEAD BOLT           |
| 4:3  | HDW01771    | 6    | 3/8"-16X1-1/4", NC, GR5, HEX HEAD BOLT       |
| 4:4  | HDW01748    | 8    | 1/2"-13 NYLON LOCK NUT                       |
| 4:5  | HDW01720    | 6    | 3/8"-16 NYLON NUT                            |
| 4:6  | HDW02410    | 2    | 1/2"-13 NUT                                  |
| 4:7  | HDW01732    | 2    | 1/2" SPLIT LOCK WASHER                       |

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S N O W P L O W