



# Hitch Frame Kit

## for Workman HD/HDX/HDX-D Series Utility Vehicle

Model No. 07377—Serial No. 290000001 and Up

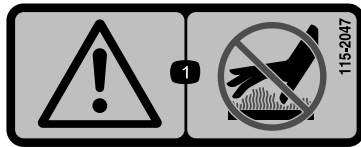
### Installation Instructions

## Safety

### 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.

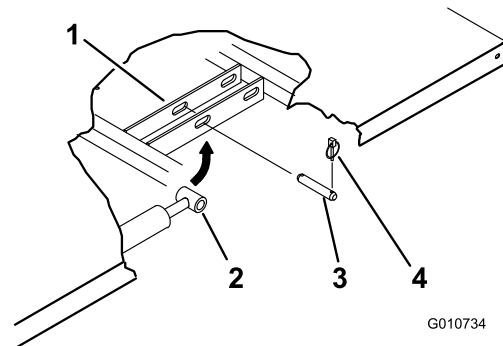


115-2047

1. Warning—do not touch the hot surface.

## Installation

1. If a 2/3 or Full Size Bed is installed on vehicle, it must be removed as follows:
  - A. With bed lowered, remove clevis pins and lynch pins securing each cylinder rod end to bed mounting plates (Figure 1).

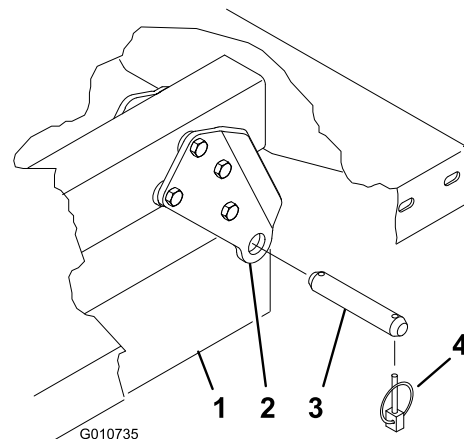


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**Figure 1**  
2/3 Bed Shown

- |                       |               |
|-----------------------|---------------|
| 1. Bed mounting plate | 3. Clevis pin |
| 2. Cylinder rod end   | 4. Lynch pin  |

- B. Remove clevis pin and two lynch pins securing each set of pivot plates to frame channels (Figure 2).



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**Figure 2**  
Full Bed Shown

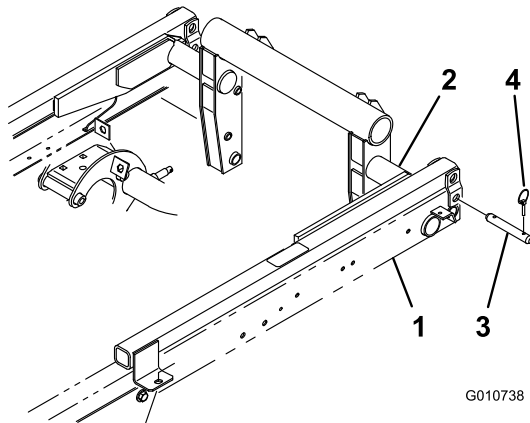
- |                          |               |
|--------------------------|---------------|
| 1. Vehicle frame channel | 3. Clevis pin |
| 2. Pivot plate           | 4. Lynch pin  |

C. Carefully remove the bed from the vehicle.



**The full bed weighs approximately 325 lb (147.5 kg), so do not try to install or remove it by yourself. Use an overhead hoist or get the help of two or three other people.**

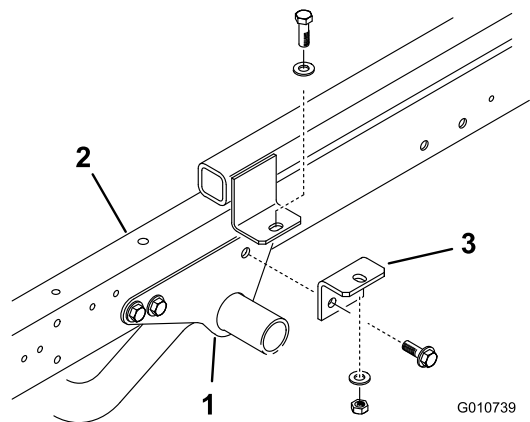
2. Position hitch frame assembly onto vehicle frame, aligning holes in rear mounting brackets with holes in each side of frame (Figure 3).
3. Secure each side of hitch frame to rear of vehicle frame with a clevis pin and two lynch pins (Figure 3).



**Figure 3**

- |                          |               |
|--------------------------|---------------|
| 1. Vehicle frame channel | 3. Clevis pin |
| 2. Hitch frame assembly  | 4. Lynch pin  |

4. Remove two flange head capscrews and flange locknuts securing rear of each engine frame mounting bracket to each side of vehicle frame (Figure 4).



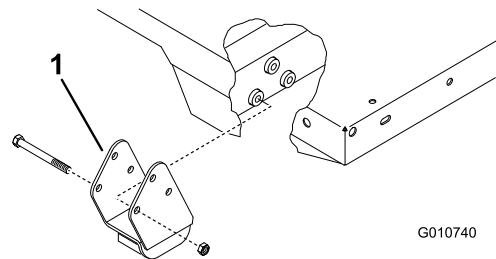
**Figure 4**

- |                                  |                       |
|----------------------------------|-----------------------|
| 1. Engine frame mounting bracket | 3. Attachment bracket |
| 2. Vehicle frame                 |                       |

5. Loosely secure an attachment bracket to each engine frame mounting bracket and vehicle frame with two flange head capscrews and flange locknuts previously removed (Figure 4).
6. Loosely secure top of each attachment bracket to tab on each side of hitch frame with a 1/2 x 1-1/2 inch large capscrews two flat washers and locknuts (Figure 4). Tighten all fasteners.

**Note:** Steps 7 and 8 are performed on 2/3 beds only.

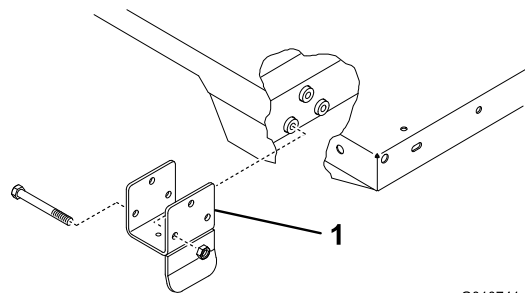
7. Remove capscrews and locknuts securing spacer brackets to front of R.H. and L.H. bed frame channels (Figure 5). Retain screws for later use.



**Figure 5**  
2/3 Bed Only

1. Spacer bracket

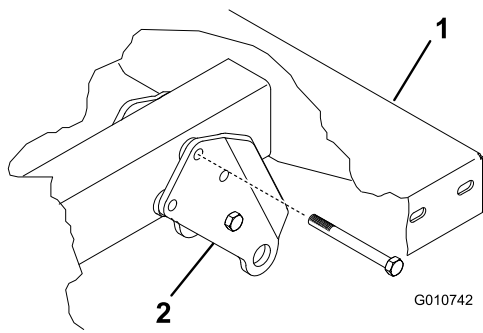
8. Mount new spacer brackets to front of R.H. and L.H. bed frame channels with three capscrews and 3/8 inch locknuts. Position brackets on channel as shown in Figure 6.



**Figure 6**  
2/3 Bed Only

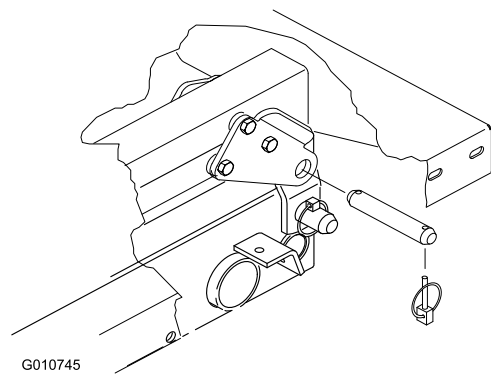
1. Spacer bracket

9. Remove capscrews and locknuts securing each set of rear pivot plates and pivot tube to right and left bed frame channels (Figure 7).



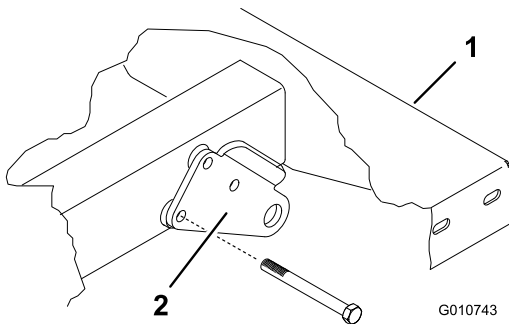
**Figure 7**  
Full Bed Shown

1. Left rear corner of bed      2. Pivot bracket



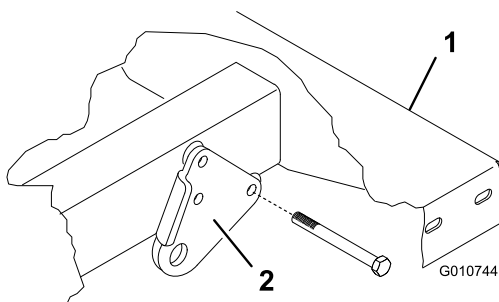
**Figure 10**  
Full Bed Shown

10. Loosely mount each set of new rear pivot plates to right and left bed frame channels with three 3/8 x 3-3/4 inch large capscrews and locknuts (Figure 8). Position brackets rearward on full bed as shown in Figure 8, and forward on 2/3 bed as shown in Figure 9.



**Figure 8**  
Full Bed Shown

1. Left rear corner of bed      2. Pivot bracket



**Figure 9**  
2/3 Bed Shown

1. Left rear corner of bed      2. Pivot bracket

11. Install bed to vehicle by reversing step 1. Rear of bed is now secured to rear of hitch assembly (Figure 10).



## Toro General Commercial Products Warranty

### A Two-Year Limited Warranty

#### Conditions and Products Covered

The Toro Company and its affiliate, Toro Warranty Company, pursuant to an agreement between them, jointly warrant your Toro Commercial Product ("Product") to be free from defects in materials or workmanship for two years or 1500 operational hours\*, whichever occurs first. This warranty is applicable to all products with the exception of Aerators (refer to separate warranty statements for these products). Where a warrantable condition exists, we will repair the Product at no cost to you including diagnosis, labor, parts, and transportation. This warranty begins on the date the Product is delivered to the original retail purchaser.

\* Product equipped with hour meter

#### Instructions for Obtaining Warranty Service

You are responsible for notifying the Commercial Products Distributor or Authorized Commercial Products Dealer from whom you purchased the Product as soon as you believe a warrantable condition exists. If you need help locating a Commercial Products Distributor or Authorized Dealer, or if you have questions regarding your warranty rights or responsibilities, you may contact us at:

Toro Commercial Products Service Department  
Toro Warranty Company  
8111 Lyndale Avenue South  
Bloomington, MN 55420-1196  
952-888-8801  
E-mail: commercial.warranty@toro.com

#### Owner Responsibilities

As the Product owner, you are responsible for required maintenance and adjustments stated in your *Operator's Manual*. Failure to perform required maintenance and adjustments can be grounds for disallowing a warranty claim.

#### Items and Conditions Not Covered

Not all product failures or malfunctions that occur during the warranty period are defects in materials or workmanship. This warranty does not cover the following:

- Product failures which result from the use of non-Toro replacement parts, or from installation and use of add-on, or modified non-Toro branded accessories and products. A separate warranty may be provided by the manufacturer of these items.
- Product failures which result from failure to perform recommended maintenance and/or adjustments. Failure to properly maintain your Toro product per the Recommended Maintenance listed in the *Operator's Manual* can result in claims for warranty being denied.
- Product failures which result from operating the Product in an abusive, negligent or reckless manner.
- Parts subject to consumption through use unless found to be defective. Examples of parts which are consumed, or used up, during normal Product operation include, but are not limited to, brakes pads and linings, clutch linings, blades, reels, bed knives, tines, spark plugs, castor wheels, tires, filters, belts, and certain sprayer components such as diaphragms, nozzles, and check valves, etc.
- Failures caused by outside influence. Items considered to be outside influence include, but are not limited to, weather, storage practices, contamination, use of unapproved coolants,

lubricants, additives, fertilizers, water, or chemicals, etc.

- Normal noise, vibration, wear and tear, and deterioration.
- Normal "wear and tear" includes, but is not limited to, damage to seats due to wear or abrasion, worn painted surfaces, scratched decals or windows, etc.

#### Parts

Parts scheduled for replacement as required maintenance are warranted for the period of time up to the scheduled replacement time for that part. Parts replaced under this warranty are covered for the duration of the original product warranty and become the property of Toro. Toro will make the final decision whether to repair any existing part or assembly or replace it. Toro may use remanufactured parts for warranty repairs.

#### Note Regarding Deep Cycle Battery Warranty:

Deep cycle batteries have a specified total number of kilowatt-hours they can deliver during their lifetime. Operating, recharging, and maintenance techniques can extend or reduce total battery life. As the batteries in this product are consumed, the amount of useful work between charging intervals will slowly decrease until the battery is completely worn out. Replacement of worn out batteries, due to normal consumption, is the responsibility of the product owner. Battery replacement may be required during the normal product warranty period at owner's expense.

#### Maintenance is at Owner's Expense

Engine tune-up, lubrication cleaning and polishing, replacement of filters, coolant, and completing Recommended Maintenance are some of the normal services Toro products require that are at the owner's expense.

#### General Conditions

Repair by an Authorized Toro Distributor or Dealer is your sole remedy under this warranty.

**Neither The Toro Company nor Toro Warranty Company is liable for indirect, incidental or consequential damages in connection with the use of the Toro Products covered by this warranty, including any cost or expense of providing substitute equipment or service during reasonable periods of malfunction or non-use pending completion of repairs under this warranty. Except for the Emissions warranty referenced below, if applicable, there is no other express warranty. All implied warranties of merchantability and fitness for use are limited to the duration of this express warranty.**

Some states do not allow exclusions of incidental or consequential damages, or limitations on how long an implied warranty lasts, so the above exclusions and limitations may not apply to you. This warranty gives you specific legal rights, and you may also have other rights which vary from state to state.

#### Note regarding engine warranty:

The Emissions Control System on your Product may be covered by a separate warranty meeting requirements established by the U.S. Environmental Protection Agency (EPA) and/or the California Air Resources Board (CARB). The hour limitations set forth above do not apply to the Emissions Control System Warranty. Refer to the Engine Emission Control Warranty Statement printed in your *Operator's Manual* or contained in the engine manufacturer's documentation for details.

#### Countries Other than the United States or Canada

Customers who have purchased Toro products exported from the United States or Canada should contact their Toro Distributor (Dealer) to obtain guarantee policies for your country, province, or state. If for any reason you are dissatisfied with your Distributor's service or have difficulty obtaining guarantee information, contact the Toro importer.