



Instruction Manual & Parts Catalog

Hitch Bed Extender

Model 70231



Read and understand this entire manual before assembling, installing, operating, or servicing this product.

SAVE THIS MANUAL

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IMPORTANT SAFETY INFORMATION

This is a **SAFETY ALERT** symbol.



It is used to alert you to potential personal injury hazards. Obey all safety messages that follow this symbol to avoid possible injury or death.



DANGER indicates a hazardous situation which, if not avoided, will result in death or serious injury.



WARNING indicates a hazardous situation which, if not avoided, could result in death or serious injury.



CAUTION indicates a hazardous situation which, if not avoided, could result in minor or moderate injury.



NOTICE indicates important information which, if not followed, may cause damage to equipment.

SAVE THIS MANUAL

Keep this manual for the safety warnings and precautions. The manual offers important information on how to assemble, use and maintain this product.

Write the product's model number and purchase date on the cover page of this manual. Keep this manual (and your purchase receipt) in a safe place.

UNPACKING

The shipment should be thoroughly inspected as soon as it is received. The signed "bill of lading" is acknowledgement by the carrier of receipt in good condition or shipment covered by our invoice. For your own protection, if any of the goods called for on the bill of lading are shorted or damaged, do not accept them until the carrier makes a notation on the freight bill of the shorted or damaged goods.

Notify MAXXHAUL immediately if any hidden loss or damage is discovered after receipt.

Definition of Symbols



WARNING concerning Risk of Eye Injury. Wear ANSI approved eye protection.



WARNING concerning Risk of Hearing Loss. Wear hearing protection.



IMPORTANT SAFETY INSTRUCTIONS



1. **Read and understand all safety warnings and instructions.** Failure to follow the warnings and instructions may result in serious injury or death. Save all warnings and instructions for future reference.

2. **Personal and Work Area Safety**



- A. **Always wear ANSI approved safety goggles.**



- B. **Always wear hearing protection when working in noisy environments.** Prolonged exposure to high intensity noise can cause hearing loss.



- C. **Use safety equipment.** Safety shoes, hard hat and work gloves must be used for applicable conditions.

- D. **Dress appropriately.** Never wear loose fitting clothing or jewelry when working. Contain long hair, and keep hair, clothing and gloves away from moving parts.

- E. **Use common sense when working.** Stay alert and concentrate when setting up and using the Hitch Bed Extender. Never work while under the influence of alcohol, drugs or medications.

Personal and Work Area Safety (continued)

F. While assembling and using the Hitch Bed Extender keep work area clean and well lighted. Keep spectators and children out of the work area.

3. Use of the Hitch Bed Extender

A. The Hitch Bed Extender must be attached to a 2" x 2" Class III or Class IV hitch receiver. The hitch receiver must be properly installed by a qualified service technician and be certified to support the weight of this Hitch Bed Extender and its contents (375 Lbs. maximum load capacity).

B. This Hitch Bed Extender is designed for transporting longer payloads such as lumber, drywall sheets, extra-long ladders, pipes, and more. Do not modify the Hitch Bed Extender and do not use this product for purposes that it was not designed for.

C. Never exceed the maximum load capacity of 375 Lbs.

D. Be aware of the danger of "dynamic loading". This situation arises when a load is dropped onto the Hitch Bed Extender, resulting in a short term excessive load. Dynamic loading can result in damage and failure of the Hitch Bed Extender and/or hitch receiver, and personal injury to the person loading the Hitch Bed Extender.

E. Never load people or animals onto the Hitch Bed Extender. Keep children and spectators well clear when loading, unloading and using this product.

F. Adhere to all Department of Transportation (D.O.T.) requirements when using this product. Use ropes and tie downs to securely hold all cargo in place. Attach a red warning flag to the back of the load for added visibility.

G. For the vehicle that will support the Hitch Bed Extender, read all pertinent vehicle instructions and warnings provided in the owner's manual. Make sure the vehicle's engine is OFF, with parking brake set, before setting-up, loading or unloading the Hitch Bed Extender.

H. Weight loaded onto the Hitch Bed Extender should be evenly distributed.

I. Note the position of the vehicle's exhaust pipes before setting up the Hitch Bed Extender. Make sure exhaust pipes are not in close proximity of the Hitch Bed Extender. Materials loaded onto the Hitch Bed Extender could catch on fire due to heat from exhaust. If this risk exists on your vehicle, do not use the Hitch Bed Extender.

Keep in mind that the warnings previously discussed cannot cover all possible conditions or situations that could occur. It is important that the person loading/unloading and using this product understand that common sense and caution are factors which cannot be built into this product, and must be supplied by the person(s) using this product.

MAXXHAUL is not responsible for the attachment or the installation of this product or the vehicle's hitch receiver. The attachment of this product is critical and beyond the control of MAXXHAUL. It neither guarantees, nor will it be liable for any damage resulting from the attachment or improper use of the Hitch Bed Extender.

Limited Warranty

MAXXHAUL warrants to the original retail purchaser that the product is free of defects in material and workmanship at the time of shipment. This Hitch Bed Extender is warranted for 90 days from the date of purchase. This warranty is expressly in lieu of all other warranties, express or implied. Proof of purchase is required for warranty transactions; a copy of the original invoice or sales receipt is required.

Assembling and Setting Up the Hitch Bed Extender



When used as
bed extender

When used as
high-mount load bar



1. Refer to photos above of an already assembled Hitch Bed Extender, and to the Assembly Diagram at end of this manual.

2. Note that the Hitch Bed Extender can be set up as either a bed extender (photo on left above), or as a high-mount load bar (photo on right above).

3. **⚠ WARNING** Always wear ANSI approved safety goggles when setting up, using and loading the Hitch Bed Extender.

This product consists of heavy components. It is suggested that a qualified assistant help in the set up and loading of the Hitch Bed Extender.

4. In the **BED EXTENDER CONFIGURATION**, the straight end of Receiver Tube I, part number A1, is inserted into the vehicle's hitch receiver (opposite angled end of Receiver Tube I faces upward). **This Hitch Bed Extender must be attached to a 2" x 2" Class III or Class IV hitch receiver.**

5. Secure the Receiver Tube I (A1) to the vehicle's hitch receiver with a steel hitch pin (5/8" diameter) and safety R-Pin to secure the hitch pin in place - see following photo. Both steel hitch pin and safety R-Pin are not included. **Make sure Safety R-Pin is always fully engaged.**



Steel Hitch Pin and Safety R-Pin
(both not included)

6. Slide end of Receiver Tube II (A3) over angled end of Receiver Tube I (A1) and secure in place using Clevis Pin (A2). **Make sure the wire loop of each Clevis Pin fully engages the tip of the Clevis Pin to keep the pin in place.**

7. Next, slide the bottom tube of the Beam Base (A12) into the upper end of Receiver Tube II (A3). Secure in place with Clevis Pin (A2).

8. Attach the Horizontal Beam (A10) onto top bracket of the Beam Base (A12). **Note that the side with reflective tape must face rearward traffic.** Secure in place with two Screws (A11), four washers (A6) and two Lock Nuts (A7).

9. Slide each Extension Tube (A9) into the ends of Horizontal Beam (A10) and secure in place with Clevis Pins (A2). **Make sure the end plate tip is facing downwards.** Note the different mounting holes in the Extension Tube (A9) for varying the width of the Hitch Bed Extender.

10. Attach each Stop Bracket (A8) to the end plate tip of Extension Tube (A9) and secure in place with Screw (A4), Screw (A5) and washers (A6) and Lock Nut (A7).

11. **⚠ WARNING** With assembly of the **BED EXTENDER CONFIGURATION** complete, before each use, check that all hardware is tightly secured. Check that the wire loop of each Clevis Pin fully engages the tip of each Clevis Pin to keep the pin in place. Make sure this Hitch Bed Extender is securely attached to the vehicle's hitch receiver. Make sure that the steel hitch pin is in good condition, with safety R-Pin fully engaged.

12. In the **HIGH-MOUNT LOAD CONFIGURATION**, the short end of Receiver Tube II (A3) is inserted into the vehicle's hitch receiver. This Hitch Bed Extender must be attached to a 2" x 2" Class III or Class IV hitch receiver. Secure the Receiver Tube II to the vehicle's hitch receiver with a steel hitch pin and safety R-Pin (see details in step 5).

13. Next, slide angled end of Receiver Tube (A1) into upper end of Receiver Tube II (A3); secure in place with Clevis Pin (A2). **Make sure the wire loop of each Clevis Pin fully engages the tip of the Clevis Pin to keep the pin in place.**

14. Now slide the bottom tube of the Beam Base (A12) into the upper end of Receiver Tube I (A1). Secure in place with Clevis Pin (A2).

15. Follow Step 8 to Step 10 (on Page 4) to complete assemble of the Horizontal Beam (A10)/Extension Tubes (A9)/Stop Brackets (A8).

16.  **WARNING** With assembly of the **HIGH-MOUNT LOAD CONFIGURATION** complete, before each use, check that all hardware is tightly secured (see paragraph 9 on page 4).

17. Always carefully load the Hitch Bed Extender as needed. Use ropes and tie downs to securely hold all cargo in place. Tie a red warning flag (not included) to the back of the load to provide added visibility.

 **WARNING** **Never exceed the maximum load capacity of 375 Lbs. Weight loaded onto the Hitch Bed Extender should be evenly distributed.**

Maintaining the Hitch Bed Extender

1. Frequently check the condition of the Hitch Bed Extender; make sure all components are in good condition. If the Hitch Bed Extender or the hitch receiver become damaged through accident, or if any weld damage is noted, the product should be replaced. Check to make sure that all hardware is tightly secured in place.

SPECIFICATIONS

Maximum Load Capacity	375 Lbs.
Construction	Heavy Duty, All Steel
For Use With	2" x 2" Class III and IV Hitch Receiver
Adjustment as Bed Extender (Horizontal Set-Up)	46" Extension from hitch receiver; height adjustment from hitch: 15" to 23" in 1" increase
Adjustment as High Mount Load Bar (Vertical Set-Up)	3" Extension from Hitch Receiver; height adjustment from hitch 49" to 57" in 1" increase
Width Adjustment	From 28-1/4" to 48-1/4"
Reflective Tape	Front and Sides for added visibility

Assembly Drawing and Parts List

Part#	Description	Qty
A1	Receiver Tube I	1
A2	Clevis Pin	4
A3	Receiver Tube II	1
A4	Screw M10x16 (0.63"L)	2
A5	Screw M10x30 (1.18"L)	2
A6	Washer 10	10
A7	Lock Nut M10	4
A8	Stop Bracket	2
A9	Extension Tube	2
A10	Horizontal Beam	1
A11	Screw M10x65	2
A12	Beam Base	1
A13	Allen Wrench	1

