

Instruction Manual

Specifications



1-1/4" to 2" Hitch Adapter for Class I and Class II Receivers

Model 110250

Functions	1-1/4" to 2" Hitch Adapter with 4" rise; 2" x 2" Receiver for accessories (bike rack or cargo carrier). 6-1/4" distance between 5/8" pin hole and 1st 1/2" pin hole. 7-7/8" distance between 5/8" pin hole and 2nd 1/2" pin hole.
Maximum Weight Rating	350 Lb. Tongue Weight*
Top Hitch Receiver	Not For Towing
Hitch Pins Required - Steel with R-Shaped Safety Clip (not included)	1/2" Diameter for hitch connection; 5/8" diameter for accessory connection.

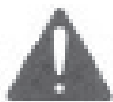
*Tongue Weight refers to a combination of the weight that presses down on the trailer hitch, and the weight of the accessory and its load. Example: If a cargo carrier and its load (total weight = 150 Lbs.) is to be connected to the upper receiver, the maximum additional tongue weight that can press down on the trailer hitch is 200 Lbs. The combination of these two tongue weights should not exceed 350 Lbs.



Too much tongue weight can lower the tow vehicle in back, resulting in traction, steering and braking problems.

Too little tongue weight can reduce rear wheel traction, resulting in instability, swaying or jackknifing.

Do not exceed the maximum weight rating shown in the Specifications table.



Read and understand this entire manual before installing and using 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 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 AVITEC immediately if any hidden loss or damage is discovered after receipt.

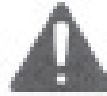
Definition of Symbols




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 this Hitch Adapter. Never work while under the influence of alcohol, drugs or medications.

Personal and Work Area Safety (continued)

F. While setting up and using the Hitch Adapter, keep work area clean and well lighted. Keep spectators and children out of the work area.

3. Use of the Hitch Adapter

A.  **WARNING** Do not exceed the Hitch Adapter's maximum weight rating (see Specification chart on cover page).


B. Always make sure that the tow vehicle's engine is turned off, with emergency brake on, before attempting to install this product. Take safety precautions to prevent unsafe movement of the accessory as it is being connected to the vehicle. Make sure vehicle's wheels are chocked before attempting to attach the accessory to the tow vehicle.

C. **Make sure that the Hitch Adapter is securely connected to the vehicle's receiver. Use of a 1/2" diameter steel hitch pin and R-Shaped safety clip (both not included) are required for this connection. Make sure safety clip is fully engaged.**

D. **The upper receiver (with collar) is for attaching accessories such as a bike rack or cargo carrier. Use of a 5/8" diameter steel hitch pin and R-Shaped safety clip (both not included) are required to connect the accessory to this Hitch Adapter. Make sure safety clip is fully engaged.**

 **WARNING** Upper receiver is not for towing.

E. Only use this Hitch Adapter on an appropriate sized vehicle receiver (1-1/4" x 1-1/4"). Read and adhere to all instructions and safety warnings provided by the manufacturer of the receiver used on the vehicle.

F.  **WARNING** It is critical that the connection between the vehicle's receiver, this Hitch Adapter, and the attached accessory be made correctly. This connection must be solid, and must include the use of both sets of hitch pins/R-Shaped safety clips. An improper connection could loosen while the vehicle/accessory are on the road, resulting in serious property damage, personal injury or death.

G. Safety chains between the vehicle and the attached accessory are recommended.

H. Always keep arms, feet and legs away from under the vehicle and the accessory to be attached, when the accessory is being connected or loaded with cargo. Keep spectators away when setting up and using this product.

I. **Be aware of the danger of "dynamic loading"**. This situation arises when a load is dropped onto the Hitch Adapter, resulting in a short term excessive load. Dynamic loading can result in damage and failure of the Hitch Adapter and/or the attached accessory, and personal injury to people nearby.

J. **Before each use, check the Hitch Adapter, the vehicle's receiver and the attached accessory to make sure all hardware is tightly secured.** Check for damaged or worn parts; never use the Hitch Adapter if it is damaged.

Keep in mind that the warnings previously discussed cannot cover all possible events and circumstances. It is important that the person setting up and using this product use common sense at all times.

AVITEC is not responsible for the attachment or the installation of this product. The attachment of this product is critical and beyond the control of AVITEC. It neither guarantees, nor will it be liable for any damage resulting from its attachment or improper use.

Setting Up the Hitch Adapter



Always wear ANSI approved safety goggles.

1. A 1/2" diameter steel hitch pin and matching R-Shaped Safety Clip (both not included) are needed to secure the Hitch Adapter's shank to the vehicle's receiver - see illustration below and photo to the right.



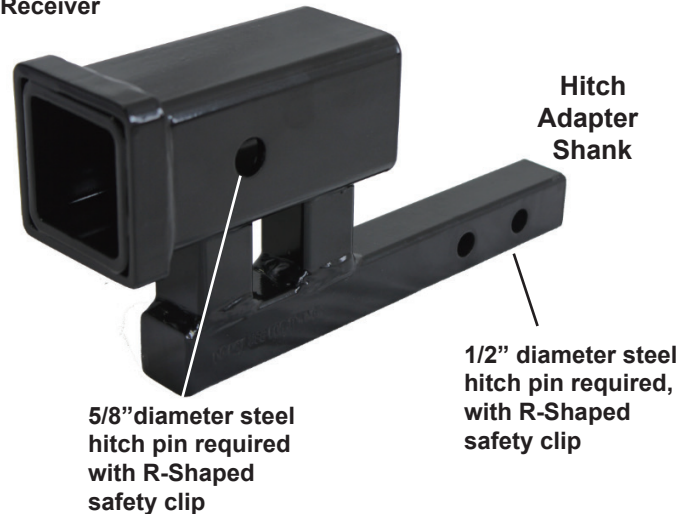
Insert shank of Hitch Adapter so that receiver with collar (for accessories) is on top. Never mount this product with receiver (with collar) on the bottom.

2. All accessories (bike rack, cargo carrier, etc.) must be secured to the top receiver (with collar) with a 5/8" diameter steel hitch pin and R-Shaped safety clip. Hitch pins and safety clips are not included. Make sure safety clips are always fully engaged.

3. Read and adhere to all safety warnings and instructions provided by the manufacturer of the vehicle's receiver, and the accessory being connected to the Hitch Adapter.

4. Do not exceed the maximum weight ratings shown in the specification chart on cover page of this manual.

Accessory Receiver



Limited Warranty. AVITEC warrants to the original retail purchaser that the product is free of defects in material and workmanship at the time of shipment. This product 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.

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