

Shocker Impact™ & Impact Max™ Receiver Hitch Instructions

Installation, setup, care and attachment drop/rise guide



[Setup & videos](#)



IMPACT

14,000 lb GTW / 1,400 lb TW

2-inch receiver



IMPACT MAX

20,000 lb GTW / 2,000 lb TW

2-inch or 2-1/2-inch receiver

GTW = gross trailer weight. TW = tongue weight. Ratings shown are for current hitch bases. Follow the label on your actual equipment; a higher-rated attachment does not increase the base rating.

Install and set the height

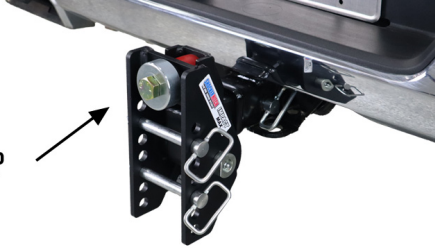
- 1 Choose the correct connection.**
Match the receiver size, attachment and trailer coupler. Measure the drop or rise needed with the vehicle and trailer on level ground (page 3).
- 2 Install the hitch base.**
Insert the shank into the vehicle receiver and secure it with a 5/8-inch hitch pin (not included). The base can be upright for more drop or flipped for more rise (page 2).
- 3 Set the attachment height.**
Use the seven adjustment holes to position the attachment. Install the attachment pins and retaining clips, connect the trailer and check that the trailer is level.

Note: Towing capacity is limited by lowest rated component. Never exceed the lowest applicable GTW or TW limit of the vehicle, receiver, hitch, attachment, ball or trailer. Follow the rating labels.

Use the correct orientation

UPRIGHT

- ALLOWS FOR MORE DROP



FLIPPED

- ALLOWS FOR MORE RISE



(DUAL BUMP CUSHION WORKS BOTH WAYS)

Upright or flipped

The Impact and Impact Max can be installed in either orientation. The available drop/rise range depends on the attachment; use the guide on page 3.

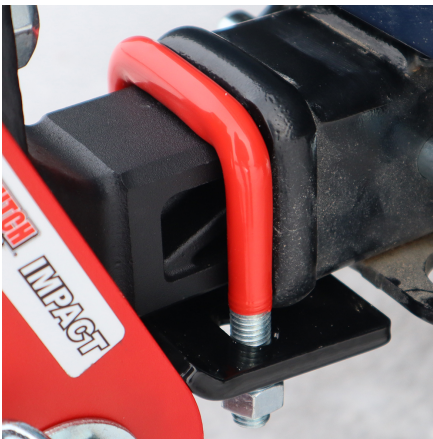
Seven height positions

Remove the retaining clips and attachment pins to change the attachment or height, then reinstall the pins and clips.

Factory-set top jam nut

Do not tighten the top jam-nut bolt. It is factory-set; overtightening can make the hitch ride more stiffly.

Anti-rattle kit: 2-inch Impact & Impact Max



The anti-rattle kit is included with both current 2-inch Impact and 2-inch Impact Max models.

1. Slide the hitch to the furthest shank adjustment hole.
2. Place the U-bolt over the top of the shank.
3. Align the bottom plate, install the two nuts and tighten.

Photo shows the Impact kit. Use the supplied kit for your model; this section covers the 2-inch models.

Care and support

Grease the coupler ball to reduce ball/coupler wear. Grease the hitch regularly through the grease zerk on the pivot bolt; frequency depends on use. Do not modify the hitch; modifications void the warranty and are at your own risk.



[Warranty](#) | [Online setup guide and installation videos](#)

[Replacement parts](#)



Attachment drop, rise and tow ratings

GTW = gross trailer weight; TW = tongue weight. Attachment limits below are subject to the lower hitch-base and vehicle limits on page 1. Ratings are shown as GTW / TW in pounds.

Attachment	Available range	Maximum GTW / TW (lb)
Combo ball	4 in rise to 4 in drop	2-5/16 in ball: 20,000 / 2,000 2 in ball: 10,000 / 1,000
Drop ball	Level to 7-1/2 in drop	2-5/16 in ball: 20,000 / 2,000 2 in ball: 10,000 / 1,000
Raised ball	5 in rise to 3 in drop	2-5/16 in ball: 20,000 / 2,000 2 in ball: 10,000 / 1,000
Pintle hook (SH-333)	1 in rise to 6-1/2 in drop	20,000 / 2,000
Raised pintle hook (SH-335)	3-1/2 in rise to 4 in drop	20,000 / 2,000
Pintle & ball (SH-334 series)	1 in rise to 6-1/2 in drop	Pintle: 16,000 / 1,600 2-5/16 in ball: 16,000 / 1,600 2 in ball: 12,000 / 1,200
Drawbar / cushioned drawbar	4 in rise to 4 in drop	20,000 / 0
Clevis mount (SH-360)	1-1/2 in rise to 5-1/2 in drop	20,000 / 0

Note: Towing capacity is limited by lowest rated component.

Discontinued: Bolt-on pintle hook SH-331-332 is not a current mount option. For existing units and legacy bolt-on pintle/ball assemblies, follow their own labels and instructions.

Drawbar and cushioned drawbar: No tongue weight (0 lb vertical tongue load). Not for use with a hitch ball. **Sway-tab mounts:** Use the corresponding ball-mount ratings and range. **No ball mount:** A compatible, rated attachment is required.

Measure for a level trailer

On level ground, level the trailer. Measure A from the ground to the **top of the receiver opening**, and B to the **bottom of the trailer coupler**. A minus B gives the drop or rise needed.

A > B: drop needed. Example: 23 in - 19 in = **4 in drop**.

A < B: rise needed. Example: 20 in - 22 in = **2 in rise**.

A = B: level connection. Connect the trailer, then recheck and adjust for a level trailer.

[Drop/rise measuring guide](#) | [Impact product guide](#) | [Impact Max product guide](#)

Replacement parts & popular attachments

Match the part number, existing top pin/bolt and frame hardware before ordering. Select the correct kit using the linked part number below.



SH-160

Bump cushions

Pair of K-Prene urethane bump cushions for Impact™ and Impact Max™.



SH-IM265-2025

Standard top pin kit

Two bump cushions, 3/4-inch top pin and lock nut. No bump cap. Cushions shown; pin and nut not pictured.



SH-IM265

Standard top bolt kit

Two bump cushions, top bolt and lock nut. No bump cap.



SH-IM265D

Deluxe top bolt kit

Two bump cushions, bump cap, top bolt and lock nut.



SH-280

Pivot bolt: dowel-pin frame

Pivot bolt, grease zerk, washer, lock nut and dowel pin. For frames with a dowel pin.



SH-490-X

Pivot bolt: welded-tab frame

Pivot bolt, grease zerk, washer and lock nut. For frames with a welded tab.

Popular attachments



Combo ball

2-inch & 2-5/16-inch balls.
See ratings on page 3.



Pintle hook

SH-333; for a compatible pintle ring.
See ratings on page 3.



Pintle & ball

SH-334-25; 2-5/16-inch ball.
See ratings on page 3.

Optional Shocker Sway kit upgrade

Friction sway arm kits require a ball mount with sway tabs: [combo](#), [drop](#) or [raised ball](#). Kits and sway-tab mounts are sold separately. The standard attachments above do not have sway tabs.

Follow the [Shocker Sway installation instructions](#) for adjustment and operating precautions. Do not use with surge brakes. Never lubricate the friction slide bar. Follow the manual's slippery-condition and backing-clearance precautions.



[Sway instructions](#)