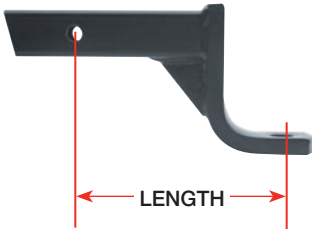


SELECTING THE RIGHT BALL MOUNT & HITCH BALL

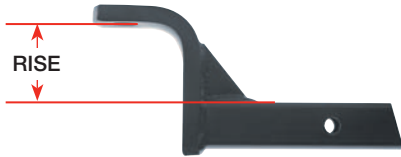
LENGTH

Distance from the center of the ball hole to the center of the pin hole



RISE

Distance from the top of the shank to the top of the ball platform



DROP

Distance from the top of the shank to the top of the ball platform



SELECTING THE RIGHT BALL MOUNT

Tow vehicle and trailer level

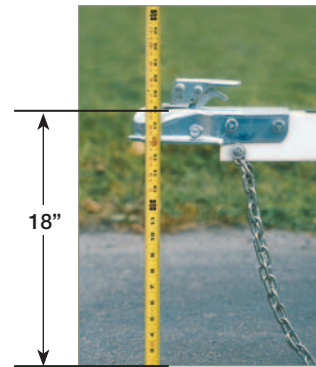
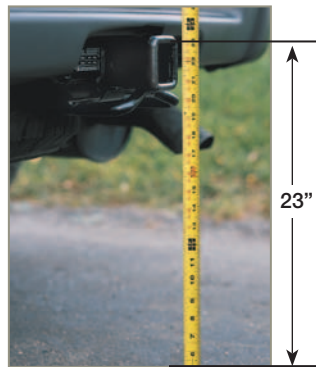


For safe, comfortable towing, the trailer should always be set up to tow on a level plane.

Trailer not level



Sometimes a trailer's tongue is higher or lower than the ball mount on the vehicle, and a ball mount with a "rise" or a "drop" is required to level the trailer.



MEASURING FOR THE PROPER BALL MOUNT

1. Measure from the ground to the top of the hitch.
2. Measure from the ground to the (inside) top of the trailer coupler, when level.
3. Subtract the height of the hitch ball (most are 2-1/2" - 3" high) from coupler measurement.
4. An 8" drop is needed to make the trailer level.

THE DIFFERENCE IN THE TWO MEASUREMENTS IS THE AMOUNT OF BALL MOUNT "RISE" OR "DROP" REQUIRED.

SELECTING THE RIGHT HITCH BALL

Selecting the right hitch ball is a must for trouble-free towing.

Always use the properly rated hitch ball for your towing system.

- Your towing system's maximum weight rating is always equal to the lowest rated item in the system
- Your hitching system cannot be upgraded to a rating higher than the maximum rating of your hitch

For example, a 3,500 lbs. ball on a 2,000 lbs. max trailer weight-rated hitch does not increase your towing capacity to 3,500 lbs. Your hitching system is still rated at 2,000 lbs.

Conversely, a 2,000 lbs. ball on a 3,500 lbs. max trailer weight-rated hitch decreases your maximum towing capacity to 2,000 lbs.

The hitch ball diameter (A) must be the same diameter as the trailer coupler (1-7/8", 2", or 2-5/16").

The shank diameter (B) of the hitch ball should be the same as the hole diameter in the (correct) ball mount you selected.

The shank length (C) should be long enough to allow at least two threads to be visible when the hitch ball is installed and the nut completely tightened.

