2018 RAM 1500

Tow Rating

Engine:	3.0L V6 ECODIESEL	Transmission:	A8 8HP70
Drive:	2WD	Tire Size:	N/A
Cab:	CREW	Package:	BIG HORN/ LONE STAR
Bed:	5'7"	Wheel Base:	N/A
Axle Ratio:	3.92	Rear Wheels:	SINGLE

HOW MUCH CAN I TOW WITH A BUMPER TRAILER?

Boasting about towing a heavy load is common in this day and age. It's the focus of nearly every truck commercial. But the answer to how much you can safely tow isn't always easy to find and there are many variables. Nonetheless, weight ratings are important to understand and follow.

Truck manufacturers give their trucks specific ratings after extensive testing. Tow ratings are based on the capacity of a truck's engine, transmission, and brakes to safely handle the weight of a loaded trailer. Truck manufacturers calculate how much a truck can safely accelerate and stop before assigning a tow rating. For Gross Weight Ratings, the truck's tires, frame, and suspension must be able to bear the load. It's important to never exceed the ratings assigned by the truck, trailer, or hitch manufacturers for the specific equipment you are using.

All of our Tow & Stow hitches are tested for both strength and endurance according to SAE J-684, the latest standard for bumper pull hitches.

FINDING MANUFACTURER WEIGHT LIMITS

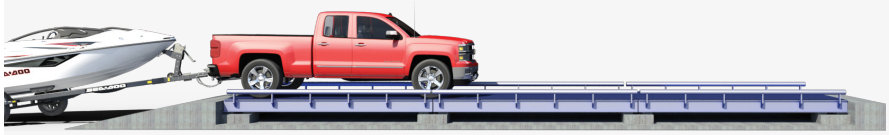
GCWR	13,750	**Gross Combined Weight Rating (GCWR)** is the maximum allowable weight of the tow vehicle and the loaded trailer including all cargo and passengers.
GVWR	6,950	**Gross Vehicle Weight Rating (GVWR)** is the maximum allowable weight of the fully loaded vehicle.
Tow Rating	7,860	**Max Tow Rating** Sometimes called maximum towing capacity, is the maximum allowable weight that a vehicle can tow.
VTWR	786	**Vertical Towing Weight Rating (VTWR)** is the downward force that the tongue of the trailer applies to the hitch of the tow vehicle. Your hitch should be no more than 10% of your truck's Tow Rating.

For 1/2 Ton Trucks: Use of a weight distributing hitch may be required by some manufacturers for Towing Capacities above 5000 lbs. Please consult your owner's manual or trailer hitch sticker for additional information.

For HD Trucks: Use of a reducer sleeve in the receiver hitch may also reduce the Towing Capacity. Use of a weight distributing hitch may be required by some manufacturers when towing heavier loads from the receiver hitch. Please consult your owner's manual or trailer hitch sticker for additional information.

FINDING YOUR ACTUAL WEIGHTS

Take your loaded truck and loaded trailer to a scale at a truck stop, quarry, or material supply center. For a small fee you can weigh your tow vehicle and trailer on their scale.



6,950	MUST BE MORE THAN	
GVWR		*your* **GVW**

1. Find your GVW (Gross Vehicle Weight)

Weigh just your truck with a full tank of gas, all your passengers and items in the cab and truck bed with your trailer loaded and attached, but not on the scale.

13,750	MUST BE MORE THAN	
GCWR		*your* **GCW**

2. Find your GCW (Gross Combined Weight)

Weigh your fully loaded truck and trailer including all cargo, a full tank of gas and passengers.

	-		=	
your **GCW**		*your* **Truck Weight**		*your* **Towing Weight**

3. Find your Towing Weight

Weigh your loaded truck without the trailer attached. This is your truck weight.

Subtract your **Truck Weight** from your **GCW**. This is your towing weight.

7,860	MUST BE MORE THAN	
Max Tow Rating		*your* **Towing Weight**

	-		=	
your **GVW**		*your* **Truck Weight**		*your* **VTW**

4. Find your VTW (Vertical Tow Weight) also known as Tongue Weight.

Subtract your **Truck Weight** from your **GVW**.

786	MUST BE MORE THAN	
VTWR		*your* **VTW**

IMPORTANT!

Even though you may be under your vehicle's Max Towing Rating, when your Gross Vehicle Weight (GVW) goes up, (more passengers, more cargo) your ability to tow the Max Towing Rating may not be possible, because: **the Gross Combined Weight Rating (GCWR) must not be exceeded.**