

5199

183-0316

# Motorhome and Tow Car | Weight Information Sheet

Your appointment for weighing: \_\_\_\_\_ Time: \_\_\_\_\_ AM / PM

## SmartWeigh

ESCAPEESRVClub™

www.escapees.com/smartweigh

### PERSONAL CONTACT INFORMATION (print clearly)

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### MOTORHOME INFORMATION

Motorhome type ☒ A ☐ B ☐ C ☐ Bus ☐ Other \_\_\_\_\_

Make	<u>Ford</u>	Model	<u>Transit</u>
Year	<u>2021</u>	Length	<u>22 ft</u>
GVWR	<u>9500</u>	GCWR	
GAWR Front	<u>4630</u>	GAWR Rear	<u>6000</u>
GAWR tag*			

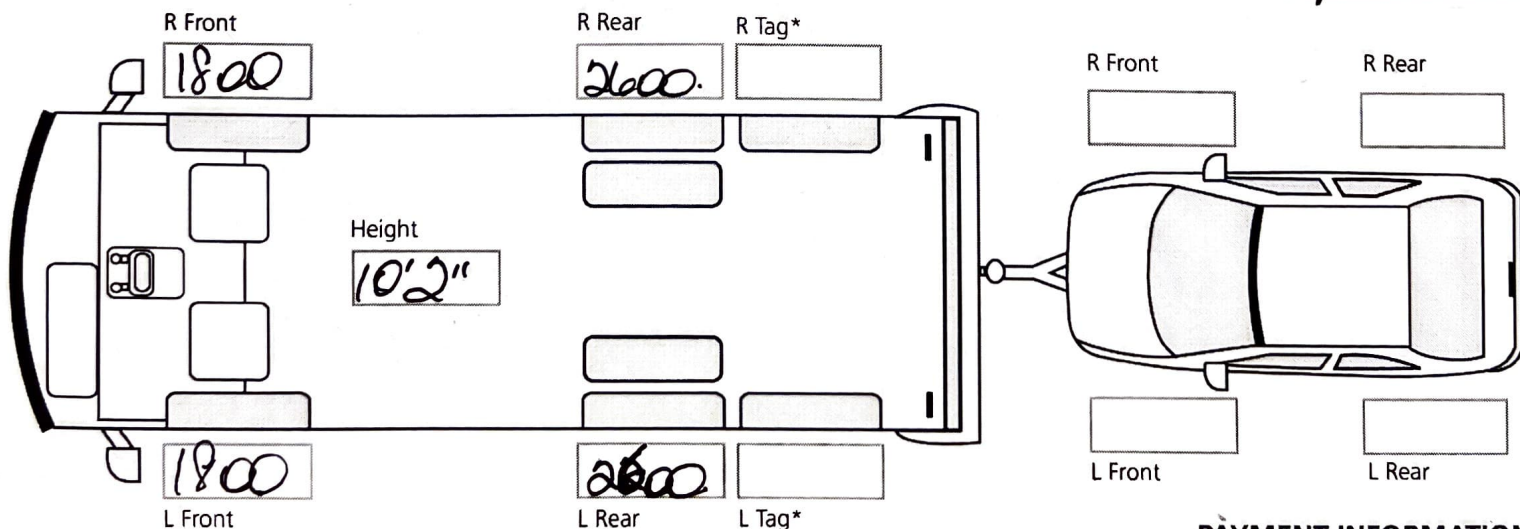
### VEHICLE TIRE INFORMATION

	Position	Brand	Model	Size	Load Range	Normal Pressure	DOT Age code
MOTORHOME TIRES	L Front	<u>BF Goodrich</u>	<u>All terrain</u>	<u>265/75R16</u>	<u>E</u>	<u>65</u>	<u>2422</u>
	R Front	↓	↓	↓	↓	<u>65</u>	↓
	L Rear Out	↓	↓	↓	↓	<u>80</u>	↓
	L Rear In*	↓	↓	↓	↓	↓	↓
	R Rear Out	↓	↓	↓	↓	<u>80</u>	↓
	R Rear In*						
	L Tag*						
	R Tag*						
TOW CAR TIRES	Position	Brand	Model	Size	Load Range	Normal Pressure	DOT Age code
	L Front						
	R Front						
	L Rear						
	R Rear						

- (\*) Fill in only if present on RV
  - Tire pressure is the pressure you would normally use or specify
  - DOT date code is a (3) or (4) digit number at the end of the DOT info line molded into the sidewall; NOTE: it is only on one (1) sidewall of the tire
- Do not assume that all are the same!**

### YOUR RV'S MEASURED CORNER WEIGHTS (To be completed by Escapees SmartWeigh staff.)

Recorded By: Juror



### PAYMENT INFORMATION

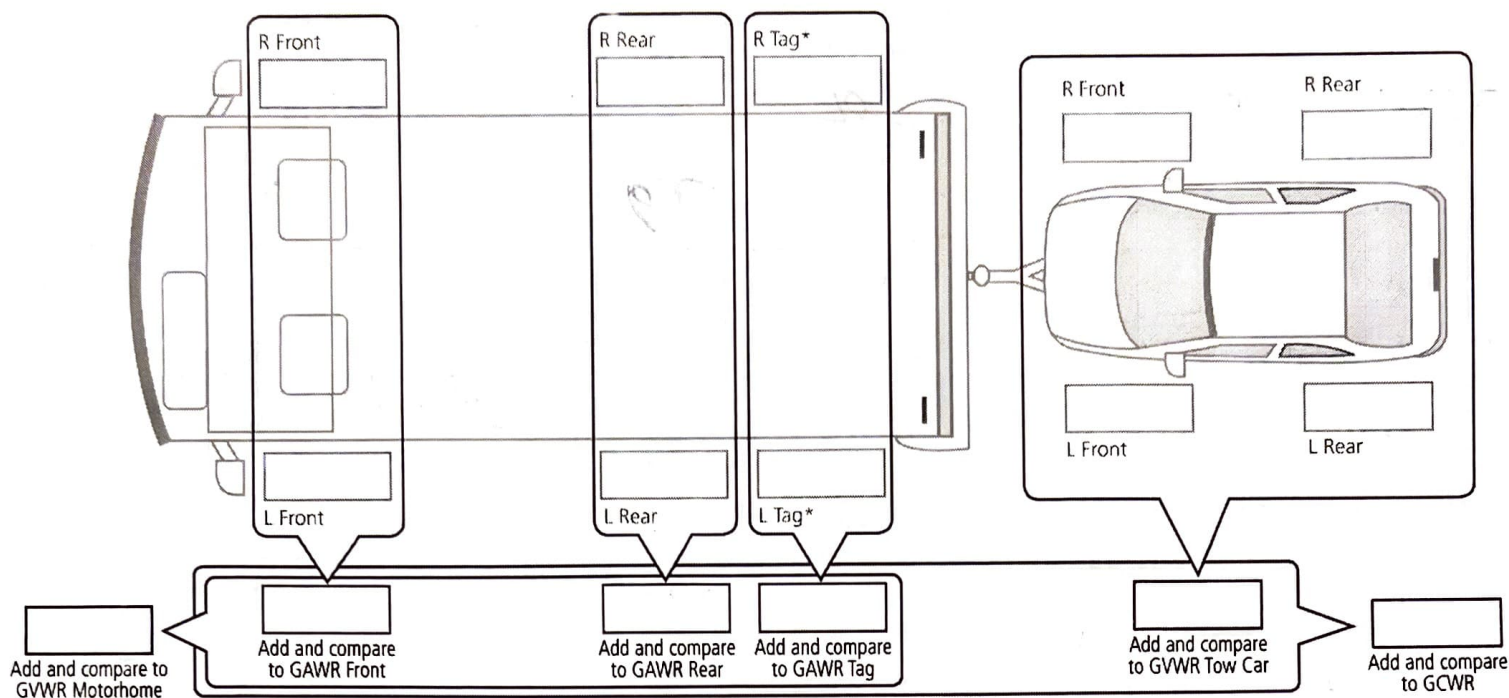
SmartWeigh provides highly accurate corner weights (individual wheel weights). The weights provided by SmartWeigh are not "certified weights", and are intended for information purposes only.

Amount Paid: \$ 70

☐ Cash ☐ Check # \_\_\_\_\_

☒ CC | Rec'd by: Juror





# Important Weight Calculations

**OK, you've got your SmartWeigh weight sheet with all of your wheel weights filled in; so now what? Let's start by looking at axle and tire ratings.**

1. Add the wheel weights together for each axle and compare the total to the axle rating (GAWR) for that axle. (Your SmartWeigh weight sheet should have all of the vehicle ratings filled in, so it's easy to do the comparison.)
2. Next, look at the weights for each single or dual wheel on the axle. Compare the weight of that single or dual wheel to the tire ratings on the tire sidewall (for dual wheels, divide the SmartWeigh total for the pair of wheels by two to determine the weight each tire is carrying). If you are within your ratings, kudos! If not, don't worry; we'll address that later. Go through this process for each axle.

If you discover that one side of an axle, or one whole side of the RV, is much heavier than the other, then some thought should be given to redistributing your cargo to help reduce the asymmetrical loading. Some RVs have built-in side-to-side weight issues, sometimes caused by the location of slide-outs or heavy items like batteries or water tanks. You may not be able to achieve perfect side-to-side balance, but you can certainly improve the situation by shifting your cargo around.

Looking at the bigger picture, now add all of the wheel weights of your motorhome and towed car. This sum is your total rolling weight and should not exceed your gross combined weight rating (GCWR). In similar fashion, adding the wheel weights of just the motorhome together will give you the gross vehicle weight (GVW), and this should not exceed the manufacturer's gross vehicle rating (GVWR).

If you are within all of your ratings, congratulations! While you probably shouldn't begin collecting rocks as you travel, you are in good shape for the road ahead. If you exceed one or more ratings, fear not. The **Now that You Have Been Weighed** brochure will discuss ways that you can address your overweight condition and, hopefully, correct it.

## TO ESTABLISH PROPER TIRE PRESSURE

Links to tire load/inflation tables at [www.escapees.com/smartweigh](http://www.escapees.com/smartweigh)  
Click the Tire Info link.

**Use the tire load/inflation data charts developed by the tire manufacturer to establish the correct tire pressure for your RV.**

The heaviest recorded weight for a tire (or dual tire pair) on an axle should be used to determine the tire pressure for all tires on that axle. Different axles may require different tire pressures, based on the load being carried. In all cases, tire pressure should be the same on all tires on a given axle. When using manufacturer's load/inflation charts, always increase pressure to the next higher value rather than using an interpolated value between two chart columns. Many tire and vehicle engineers recommend an extra 5 psi (from the manufacturer's chart) for steering tire (front) positions; generally, this is a good recommendation. Note that if you make a major weight distribution change in the future, such as carrying extra passengers for a trip, you should consider reweighing your rig and adjusting your tire pressure settings. We offer a re-weigh discount! We will re-weigh your RV for \$25 within 6 months of the date of your original visit to a SmartWeigh weighing site (some restrictions apply).

**HOW ARE WE DOING?** Tell us at [www.escapees.com/swsurvey](http://www.escapees.com/swsurvey)

**QUESTIONS?** Email us at [smartweigh@escapees.com](mailto:smartweigh@escapees.com).



## ADDITIONAL POINTS TO CONSIDER

- If you make significant changes in your RV's weight, weight distribution, or hitch adjustments, you may wish to get re-weighed to verify the effectiveness of your changes.
- When moving weight, work methodically; if possible, use a bathroom scale to keep track of the process.
- While not totally accurate, you can assume that weight in each quadrant of your RV will affect that quadrant primarily. In other words, 50 lbs. moved from the right front corner to the left rear corner will generally affect those specific corner weights by almost that exact amount.
- It is not necessary to obtain perfect side-to-side balance, but the closer you come, the better your vehicle will handle and the more satisfied you will be.
- The old RVer's adage that if you don't use it in six months, you really don't need it still works and should become the RVer's mantra.
- Similarly, if you get rid of something old for every new item you bring aboard, you will prevent "weight gain," which is very common in RVs.
- Note that while it may be possible to beef up or bolster the suspension and tires on your RV to carry a greater load, those changes will not change the legally enforceable weight limits on your vehicle. Only the vehicle manufacturer can change the dataplates, which dictate those legally enforceable limitations.

## My RVs Load Status At The Time of Weighing

Weight Stats		Comments
Date	12/14/2022	
Location	Smart Weigh FL	
RV	Rusalka	
Number of Passengers	1 (Driver seat)	≈ 140 lbs
Quantity of Fuel @ 6.1/gal (gas), 7.1/gal (diesel)	Fuel tank	
Quantity of Propane @ 4.24/gal	N/A	
Quantity of Fresh Water @ 8.3/gal	2 full jerry cans	≈ 10 gal
Quantity of Grey Water @ 8.3/gal	N/A	
Quantity of Black Water @ 8.3/gal	N/A	
Any Unusual Weight?	Swivel x (no battery)	on back corner

### NOTES:

\*This document has been prepared for the express purpose of providing guidance for RV owners when their RV is found overloaded in some fashion after being properly weighed. The recommendations are not intended to be applicable in all cases, nor is it the final word or even the legal authority to utilize any of the thoughts offered owners for their consideration. The RV owner is fully responsible for operating a legal vehicle and for complying with all requirements placed on him or her by legal authorities and the vehicle and product manufacturers involved.

### HOW ARE WE DOING?

Tell us at [www.escapees.com/swsurvey](http://www.escapees.com/swsurvey)

### QUESTIONS?

Email us at [smartweigh@escapees.com](mailto:smartweigh@escapees.com)



**Height Reminder**

10' 2"