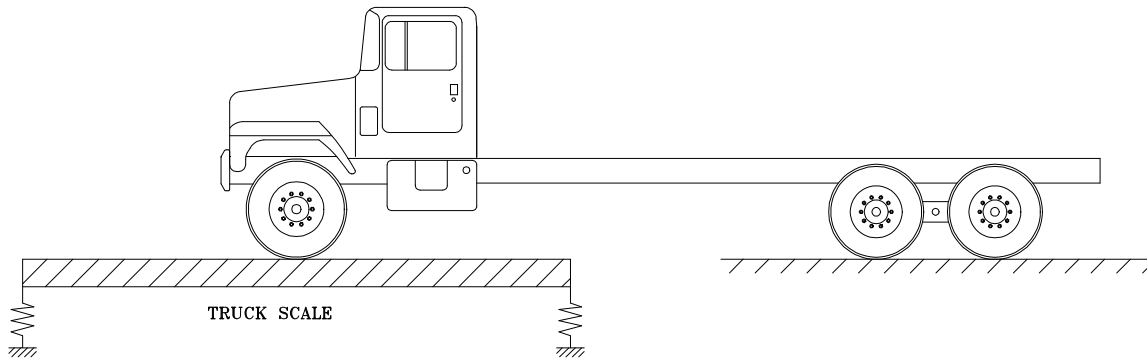


Weight Distribution

Princeton Delivery systems can assist with the calculation of allowable payloads, and prediction of the weight distribution resulting from the installation of the Princeton Forklift. One of the most important pieces of information required for the completion of an accurate weight distribution is the curb weight of the empty truck. Be sure to record the condition of the truck when taking weight measurements – i.e., Is there a body or mount kit outfitted? How much fuel is in the tanks? Was the weight taken with the driver? Passenger? Etc. Following is the procedure for determining the empty weight of a truck.

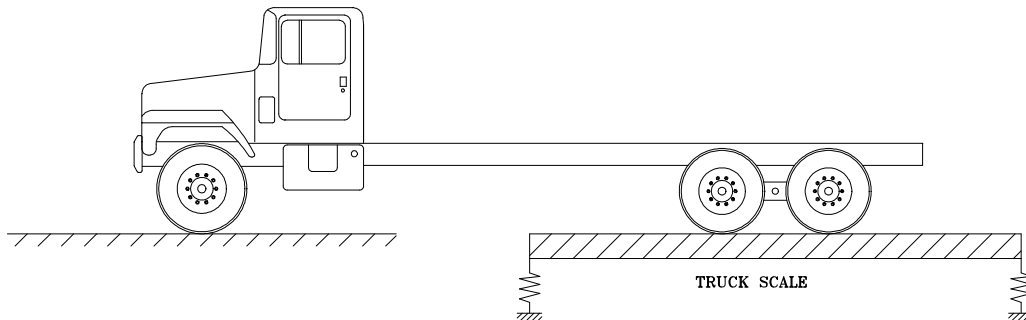
Straight truck curb weights

1. Position the front axle of the bare chassis over the truck scale, such that only the front axle weight is measured. Measure the weight on the axle. This is the “**Front Axle Curb Weight**”.



Front axle curb weight measurement

2. Drive the truck forward until the front axle is clear of the scale and only the rear axle(s) is on the scale. Measure the weight on the axle(s). This is the “**Rear Axle Curb Weight**.”



Rear axle curb weight measurement

CAUTION – Failure to properly and accurately calculate the weight and weight distribution of the vehicle could lead to serious injury, death, or significant property damage.