



CALIBRATION MANUAL



**SUPPORT – QUESTIONS
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KILOLOAD BASICS

The KiloLoad weighs by measuring the “flex” of the front axle (A) and the air pressure in the air bags/rear axles (B). Because of this, it is important with this scale as with all scales that the suspension must be as “Neutral” as possible when you acquire your weight readings. This simply means that a level load area and a ‘relaxed’ suspension is the best way to acquire weights.

To begin the days work and just prior to loading your first load, the scale should be “ZEROED”.

To Zero: preferably where you will be loading, stop the truck and ‘relax’ the suspension. Now push the “Zero” button-the display will ask you “Zero-yes?” now push the “Zero” button one more time and the scale will automatically zero. If the scale reads “Zero-no?”, push the up or down arrow to change it to read “Zero-yes? Then push the “Zero” button, now you are ready to load. The scale should be Zero’ed periodically throughout the day to compensate for temperature changes and load area changes. You are now ready to load.

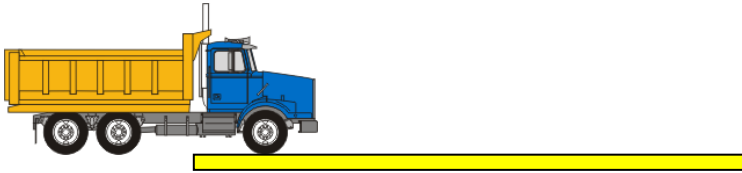
Once the truck is loaded, take a look at the “T” total weight reading on your scale. It will show the weights on the “A” front axle and “B” rear axle group separately.

To adjust the weight, first push the “DOWN” arrow on the KILOAD, then lower your tag axle as necessary to obtain the proper balance between the “A” front axle and “B” rear axle(s).

When you are finished with the load and before you take on another load, PUSH the UP arrow to return to normal weighing.

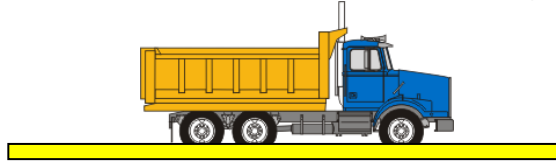
1. Empty Calibration

Advance the **front wheels only** of the **Empty** truck (with full fuel) onto the weighbridge.



Record steering tare (Empty) weight: **exp. 9000 lbs.**

Next move entire truck onto the weighbridge.



Record **total Empty** weight: **exp. 25000 lbs**

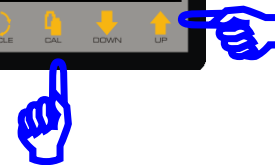
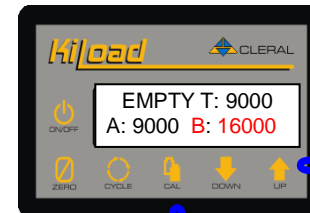
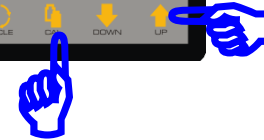
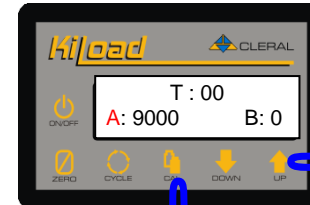
Subtract steering (A) empty weight from total Empty weight to obtain drive axle Empty weight :
exp. 25000 – 9000 = 16000

Drive axle Empty weight = **16000 lbs.**

Now it's time to enter the Empty weights

To enter the Empty weights:

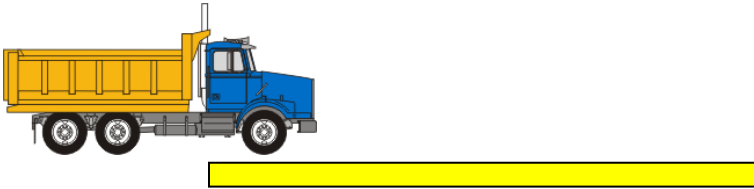
A = Steering
B = Drivers



1. Press **CAL** key and a flashing "Empty" will appear.
2. Press **CAL** key again; a flashing "A" will appear.
3. Press & hold Up or Down arrow to reach the desired "Empty" weight of "A" axle group (steering axle).
4. Press **CAL** key to move to the "B" axle group (rear drivers) "B" will begin flashing.
5. Press & hold Up or Down arrow to reach the desired "Empty" weight of "B" axle group (rear drivers).
6. Press **CAL** key. You are done entering your "Empty" weights.

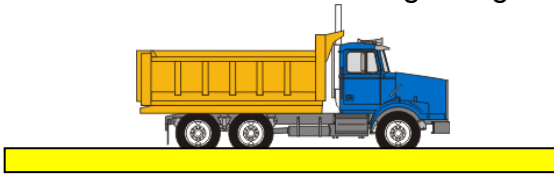
2. Full Calibration

Advance **front wheels only** of the **Full** truck onto the weighbridge.



Record steering Full weight: **exp. 10000** lbs.

Next move entire truck onto the weighbridge



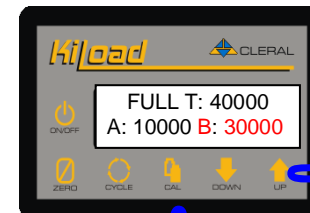
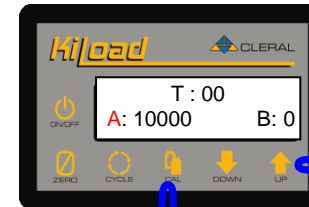
Record total Full weight: **exp. 40000** lbs.
Subtract steering axle (A) Full weight from total Full weight to obtain drive axle weight:
exp. 40000 - 10000 = 30000

Drive axle Full weight = **30000** lbs

Now it's time to enter the Full weights

To enter the Full weights:

A = Steering
B = Drivers



1. Press **CAL** key and a flashing "Empty" will appear.
2. Press Up or Down arrow key; "Full" will begin flashing.
3. Press **CAL** key "A" will begin flashing.
4. Press & hold Up or Down arrow to reach to desired "Full" weight of "A" axle group (steering axle).
5. Press **CAL** key "B" will begin flashing.
6. Press & hold Up or Down arrow to reach the desired "Full" weight of "B" axle group (rear drivers).
7. Press **CAL** key & you are done.

Limited Warranty

Your CLERAL product is warranted against defects in material or workmanship for one year from date of original purchase. Any CLERAL product, which, because of a manufacturing mistake or malfunction, proves to be defective within the one year warranty period, will be repaired or replaced at CLERAL'S option, and at no charge to you, provided it is returned to CLERAL with proof of purchase.

This warranty does not cover incidental or consequential damage to persons or property caused by use, abuse, misuse, or failure to comply with installation or operating instructions.

This warranty is only valid if the installation and service is provided by certified CLERAL technicians.

CLERAL shall have no responsibility for overload fines received while using this product.

For repairs or replacement, please contact your local dealer