

15.0 RE-CALIBRATING THE SCALE

To change setup and calibration numbers see page 51.

To re-calibrate the scale and make it even more accurate, document at least 3 to 6 loads of varying sizes and measure the actual weight of all loads on a certified scale.

- It must be assured that each truck is not losing grain transit to a certified scale.
- Weigh the truck immediately before unloading and immediately after unloading to minimize errors due to changes in fuel etc.

In this example, six carts of grain are unloaded into four semi-trucks.

Example:

| | | | |
|-------------------------------|---------------|-------------------------------|---------------|
| Cart Load A | 51560 | | |
| Cart Load B | 33240 | | |
| Cart Load C | 17620 | Truckload #1 | 51920 |
| Cart Load D | 50520 | Truckload #2 | 51320 |
| Cart Load E | 38200 | Truckload #3 | 50720 |
| Cart Load F | 12360 | Truckload #4 | 51070 |
| Total Indicator Weight | 203400 | Total Certified Weight | 205030 |

Reading Too High

If the GT560 indicator is reading higher than the certified scale weight, then the calibration number is high and should be decreased proportionally.

Reading Too Low

If the GT560 indicator is reading lower than the certified scale weight, as shown in the example above, then the calibration number is low and should be increased proportionally.

15.1 View Current Calibration Number



1. Enter 8712

2. Press 

The calibration (**CAL**) number will display.
Example **CAL** = **24280**.

3. Press 



$$\frac{\text{TOTAL CERTIFIED WEIGHT}}{\text{TOTAL INDICATOR WEIGHT}} \times \text{CURRENT CAL NUMBER} = \text{NEW CAL NUMBER}$$

$$\frac{205030}{203400} \times 24280 = 24475$$

Using the previous example your results would be:

15.2 Enter New Calibration Number




1. Enter 8712
2. Press 
3. Existing calibration number will display.
4. Enter new number using keypad.
5. Press  to store.

For best results, unload on level ground. Make sure no grain is lost in trucking the grain to a certified scale.

15.3 Changing/Viewing Setup Number



1. Enter 8711
2. Press .
Current setup number will be displayed.
3. Enter new setup number using keypad.
4. Press  to store.