



Redding Reloading Equipment Cortland, NY 13045

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## Model No. 2 Powder and Bullet Scale Instructions

The Redding Model No. 2 Powder and Bullet Scale is one of the most accurate scales available. It features a simple two counterpoise system and magnetic dampened beam for fast and accurate measurements. A graduated over and under plate provides additional speed and ease of operation, allowing the operator to check variations in powder charges or bullet weighs without adjustment the counterpoises.

Redding scales are precision instruments and should be handled accordingly. With proper care, you will receive many years of service and satisfaction.

### Set Up and Zero Adjustment

1. Place the beam assembly in place and attach the pan hook and pan.
2. Place the scale in a reasonably level position, as near eye level as practical for easy reading and set both counterpoises at "0".
3. Adjust the leveling screw until the pointer end of the beam also aligns with "0" on the graduated plate.
4. Your scale is now zeroed, ready to use and will accurately measure any amount up to 505 grains.

### Operation

Each graduation on the left-hand (large counterpoise) side of the main bearing is equal to five grains for a total of 500 grains. Each graduation on the right-hand (small counterpoise) side of the main bearing is equal to one-tenth grain for a total of five grains. Any weight from .1 grain to 505 grains can be determined on this scale.

The calibrations on the graduated plate at the pointer end of the beam are also graduated in one-tenth grain increments. Small variations in weight can be determined without readjusting the counterpoises.

When setting the sale to desired weight setting, the amount shown at the counterpoise is always added and the total is the amount the scale is set to.

**Example:** For desired setting of 43.6 grains  
Set large counterpoise at 40.0 grains  
Set small counterpoise at 3.6 grains  

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Total (Scale Setting) 43.6 grains

## Cleaning and Repairs

It is imperative that the scale be kept clean and handled carefully so that the one- tenth grain accuracy can be maintained.

The slightest amount of dust and dirt on the beam or main bearing will affect accuracy and sensitivity.

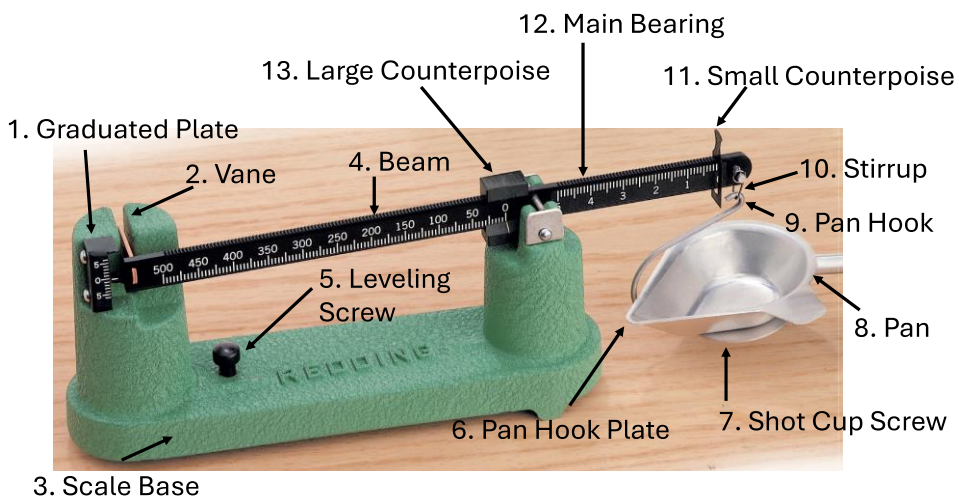
Metal fillings or other foreign metallic dust can accumulate at the magnets and case the vane to drag or stick. It may be necessary to remove the magnets from underneath the scale so that particles can be brushed away.

Cleaning can be accomplished with soft, clean tissue paper, “Q” tips or a very delicate camera lens brush. Never use lubrication of any kind or attempt to alter the scale in any way. Do not attempt to clean the main bearing or seat with a hard instrument, file or stone. If scale becomes inaccurate due to damage, accident, or rough handling it should be returned to the factory. For a very minimal charge your scale will be repaired, cleaned and recalibrated as new.

## Parts

The replacement of almost any part of the scale will affect the balance and calibration, therefore requiring recalibration.

**Note:** The pan and pan hook are assembled and adjusted individually to each scale and are not interchangeable from one scale to another.



Should replacement of the pan, pan hook or any other part become necessary contact the factory for instructions.

Item	Part #	Description
5.	02002	Leveling Screw
8.	99107	Pan
9.	02075	Pan Hook

**Please call and inquire about all other labeled parts if needed.**

**Any unauthorized attempt to repair or alter the scale in any way will void the warranty.**

**Note: Scales must be returned to factory for replacement, cleaning and recalibration. This service is not available outside the United States**

If you have any questions regarding the above procedures, do not hesitate to contact our tech support members.

Email: [techline@redding-reloading.com](mailto:techline@redding-reloading.com)

Phone: (607) 753- 3331

**Lifetime Warranty Disclaimer:**

***All Redding Reloading Equipment has been carefully inspected prior to shipment and is fully warranted to be free from defects in materials and workmanship for life.***

***Any product or parts which prove to be defective will be replaced or repaired without charge if returned prepaid to the factory.***

***Note: We reserve the right to decline responsibility where misuse or careless handling is evident or where repairs or modifications have been made or attempted by others.***