

## Precautions:

- **Do not pick up the scale by the piston or the Hitch Ball.** Air can be drawn past the O-ring seal and into the cylinder, causing incorrect readings.
- **Do not shock load the scale.** Suddenly dropping a weight onto or off of it can cause the gauge needle to spin and lose its position so that it no longer reads in the zero range when there is no load on it. If this occurs, the gauge must be replaced.
- **Take readings with the scale in a level position.** Friction on the piston from side loads can cause an incomplete reading.
- **If the scale has not been used in a long time, rotate the piston in the cylinder slightly to free up the O-ring seal before using.** (Do not pull on the piston.)
- **Do not leave weight resting on the scale for longer than necessary to take a reading.**
- **Do not overload the scale.** As weight is lowered onto it, ensure the scale does not exceed its maximum weight reading, or the gauge can be damaged.
- **Ensure the scale is on level ground and squarely under the load when taking a reading.** A side load can cause the piston to bind on the sides of the cylinder, resulting in an underweight reading or readings that are not repeatable.
- **Pack your scale securely so it cannot be damaged in transit and handle it carefully.** Store it upright. Do not let it bounce around loosely in your trunk, the bed of your truck, or in a toolbox. An impact on the end of the gauge can bend the steel case in relation to the brass fitting, which can bend the metal number card inside so the needle hits the card.
- **Do not store your scale on its side or in temperatures under 32°F (0°C).** Doing so may cause the O-ring seal to fail, causing air to enter into the hydraulic chamber.

## How to bleed in case you get air in the cylinder:

Place the scale cylinder upside down, gently and slowly loose the screw on the bottom of the scale with a 4mm Allen Wrench (not included), Carefully and slowly push on the cylinder bottom with your hand. Bring the oil level slowly up to the top of the pipe threaded hole, lightly tap the scale until no air bubbles appear and the oil is level with the top of the hole. Reinstall the screw and make sure it tightened. (Note: do not drain a large amount of hydraulic oil, otherwise the trailer scale will become incompletely read.

