



SUGGESTED INSTALLATION STEPS FOR ROADMASTER TRUCK GAUGES

Required Tools: Phillips head screwdriver, and a 3/4" Open end wrench.

1. Check tank for internal obstructions that would interfere with float travel. (Dip pipes, etc.)
2. Check mounting adapter for square ness. (Every degree off will result in 1% error. Every inch off center will result in 1.5% error.)
3. Remove gauge from its carton and make sure it is in operating condition by doing the following steps:
 - Attach float rod by threading shaft and secure with cotter pin.
 - Move float arm slowly throughout its range to detect any bindings or restrictions.
 - Hold dial to gauge head, matching "Top" stamped on gauge head with the 50% mark on the dial.
 - Check for proper calibration by aligning the float with the rod shaft; the dial should read 50%.
 - Remove dial and check gauge dimensions to make sure they conform to the dimensions this tank will require. The shaft is measured from the mounting gasket to the pivot point and the float rod is measured from the pivot point to the end of the float bulb.
4. Position gasket on back of gauge head. (A dab of grease may be helpful holding the gasket in place).
5. With "Top" stamped on the gauge head in the 12 o'clock position, align float rod with shaft and rotate gauge one quarter turn. Insert gauge, front first, through adapter. Once counterweight is through adapter, slowly rotate gauge one quarter turn so "Top" is again in the 12 o'clock position. Hand tighten the bolts at the 9 o'clock position and 3 o'clock positions.
6. Insert one bolt at the 12 o'clock position; hand tighten.
7. Insert one bolt at the 6 o'clock position and pull down slightly (a 3/4" open end wrench is required).
8. Pull down both bolts until adapter is slightly snug.
9. Insert remaining bolts and pull down until slightly snug.
10. Remove Phillips head screws on dial bracket.
11. Mount dial to bracket using the Phillips head screws. Be sure 50% mark on dial is at the 12 o'clock position, matching "Top" on gauge head.
12. Charge tank with gas, check around gasket with leak detector for any leaks and tighten bolts where needed.

PO Box 541175
Dallas, Texas 75354

214-357-4591
Fax 214-357-5923

www.squibbtaylor.com
squibb@squibbtaylor.com

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