



Bennett SB-100 production upgrade Technical Bulletin

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Background

Bennett meters give many years of reliable, trouble free operation but to improve their calibration characteristics, the Bennett factory have recently made improvements to their design. This change reduces meter drift over time, reducing calibration adjustments and increasing accuracy.

Meter changes

The new version meters have limit stops on all four meter covers. This limits the piston travel mechanically on every stroke rather than relying on the crankshaft bearings and rollers. This keeps the meter closer to the calibration over time where older meters drifted out of calibration due to bearing and roller wear.

Identification

External: The new meter covers are identified by a “B” cast into the meter cover

Internal: A raised metal boss with a hard metal hex insert can be seen on the inside of the meter end cover. Gallon meters are similar but the metal insert is rounded and not a hex shape.



Bennett SB-100 Meter Production upgrade

Upgrades

It is possible to upgrade an existing meter to the new specification by replacing all four meter covers and the connecting rods, however we do not see this being a common upgrade due to the cost of labour and parts. More likely is that the existing meters will be kept in service until worn out, then replaced with an entire new meter utilizing the new standard production parts. If you need to upgrade, Bennett offer the following upgrade kits for standard meters. Please contact Bennett directly for high alcohol use kits.:

114447 - Liter Meter with electronic calibration (No mechanical calibration wheel)

114400 - Gallon Meter with electronic calibration (No mechanical calibration wheel)

Ongoing parts supply

The new design parts will be supplied by the Bennett factory for all future parts order and are backwards compatible for existing meters.

Helpdesk Assistance

For any further queries regarding the above Service Advisory, contact the Compac Helpdesk on

+64 9 579 1877 (Worldwide) or 1800 145 887 (Australia) helpdesk@compacngv.com