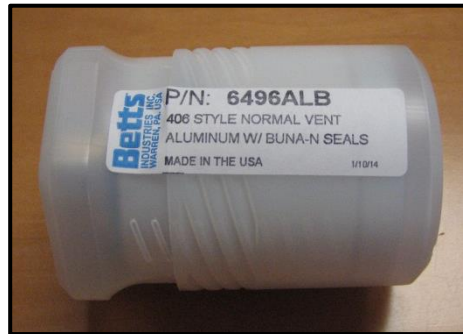
	Form Title:	<p style="text-align: center;">ENGINEERING BULLETIN</p>	Document #: EB-01-14 <small>(Form: DEF-003A-1)</small>
	Document Title:	<p style="text-align: center;">New Look for Betts Normal Vent</p>	Revision: 1
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Description of Bulletin: Betts Normal Vents have undergone a design change in January 2014. This change involved three major differences that include packaging, vent body design, and rating plate markings. This bulletin will give an overview of these changes.

Packaging: Historically, the vents have been boxed in cardboard packaging. Cardboard can absorb and retain moisture as well produces fibers and dust that can accumulate on the sealing surface of the disk. The new method of packaging is a two-piece recyclable plastic canister made from polyethylene and can be recycled with standard #2 plastic (the same plastic used in milk jugs).



Previous Packaging



New Packaging

The new packaging also includes a descriptive label that will aid in part identification.




Previous Body Design



New Body Design

Vent Body Design: Historically, the body of the vent was made from an aluminum die casting. The new design is machined complete from a wrought 6061 aluminum alloy to offer superior quality and performance. The 6061 alloy has a very good corrosion rating compared to the die cast alloy and is also free of all porosity, which adds reliability for leak tests and increases structural integrity. The flow rates are the same as the previous style vents and have not been affected by modified body.

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Rating Plate: Historically, the rating plate was stamped with small and difficult-to-read text. The new marking provides a legible rating plate with the addition of set pressure information and metric equivalents.



Previous Rating Plate



New Rating Plate



The new vent body does not have wrench flats for gripping during installation, but a standard screwdriver can be inserted through the cross-drilled hole in the vent for tightening. This method of installation will not damage the vent, but care should be used not to excessively tighten the vent. A similar method can be used to un-install the vent.

The new vent style will be available before the second quarter of 2014. The part numbers will remain the same as the previous version of the normal vent and the form, fit and function will also remain unchanged.

If there are any questions, contact Betts Sales or Design Engineering Department.