CARNAUDMETALBOX ENGINEERING	Technical Bulletin	TB550-004
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	550 Trimmer	Issue: 17. 01. 2012

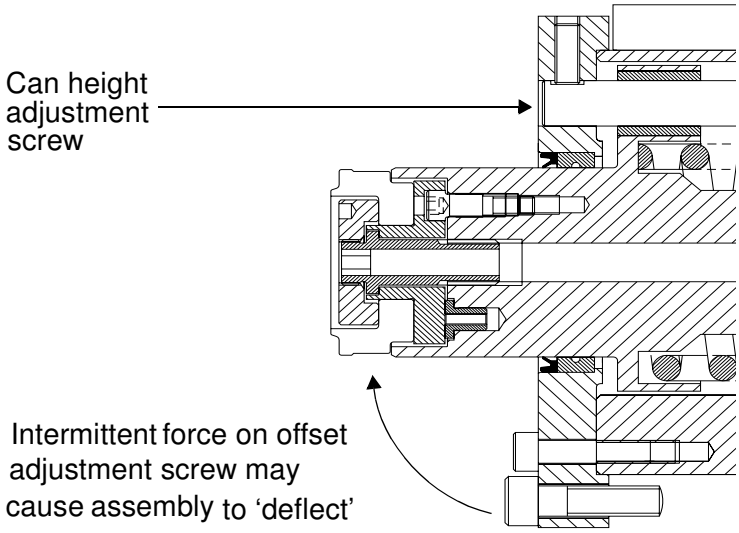
Pusher Assembly Design Update

CATEGORY: Recommended at next overhaul

Summary: CarnaudMetalbox Engineering introduce a Pusher Assembly design update to ensure square full face contact of the Pusher Spindle when in the forward trimming position.

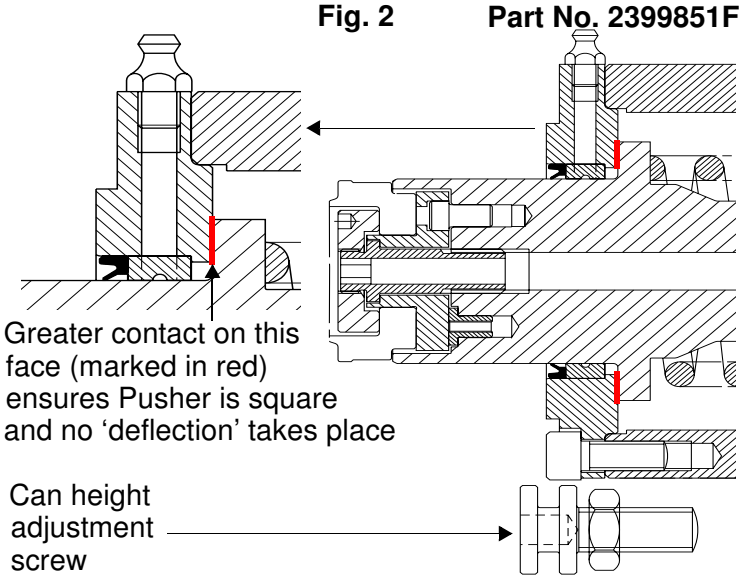
CarnaudMetalbox Engineering introduce a design update for the pusher assembly in light of theoretical concerns over component squareness. The original design **(Part No. 2388735D)** contained on offset screw that could be adjusted to achieve the correct can height. However this could, in theory, place an uneven load on one side of the mechanism. Over prolonged periods of use this could 'deflect' the mechanism out of square when in the trimming forward position. This in turn could have a detrimental effect not only on the performance of the mechanism but also the longevity of the components therein. **See Fig. 1**

Fig. 1 **Part No. 2388735D**



The revised design **(Part No. 2399851F)** eliminates this potential concern by ensureing contact is made over the entire face rather than a single point. **See Fig. 2** As such the squareness of the mechanism is maintained throughout the forward trimming process thereby eliminating the theoretical concerns raised by the old design. Changes in can height are achieved by using the adjusting screw which moves the whole pusher assembly. Changes in vacuum efficiency as a result of can height adjustments are negligible and have no effect on component performance.

Fig. 2 **Part No. 2399851F**



Both designs are factory proven with future machines incorporating the revised design. Spare parts, for both design revisions, are available from Carnaudmetalbox Engineering.

For further information regarding this Technical Bulletin please contact either of the contacts below quoting Technical Bulletin Number **TB550-004** and your machine Serial Number
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