

ABD & ABDX SERVICE PORTIONS

Inspection Procedures for Service Accelerated Release Valve Plunger Pin

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WABCO Freight Car Products has revised the inspection gauge for the service accelerated release valve plunger pin, **Part No. 566194**, to determine whether the plunger pin is bent and not reusable during the C.O.T. of ABD or ABDX type service portions.

The following changes have been made to drawing 663396 (Figure 1);

- Re-dimensioned the 45° x 0.053 chamfer, to clarify that it is to be referenced from the end surface.
- Added Note 3 to drawing 663396, in order to accommodate the rework of existing gauges.
- Added the requirement to stamp the gauge with Part No. 0663396 and configuration information ("CC:A"), in order to identify the gauge as being in conformance with this configuration.

Existing gauges must be re-worked, re-qualified and identified by the stamped configuration control letter.

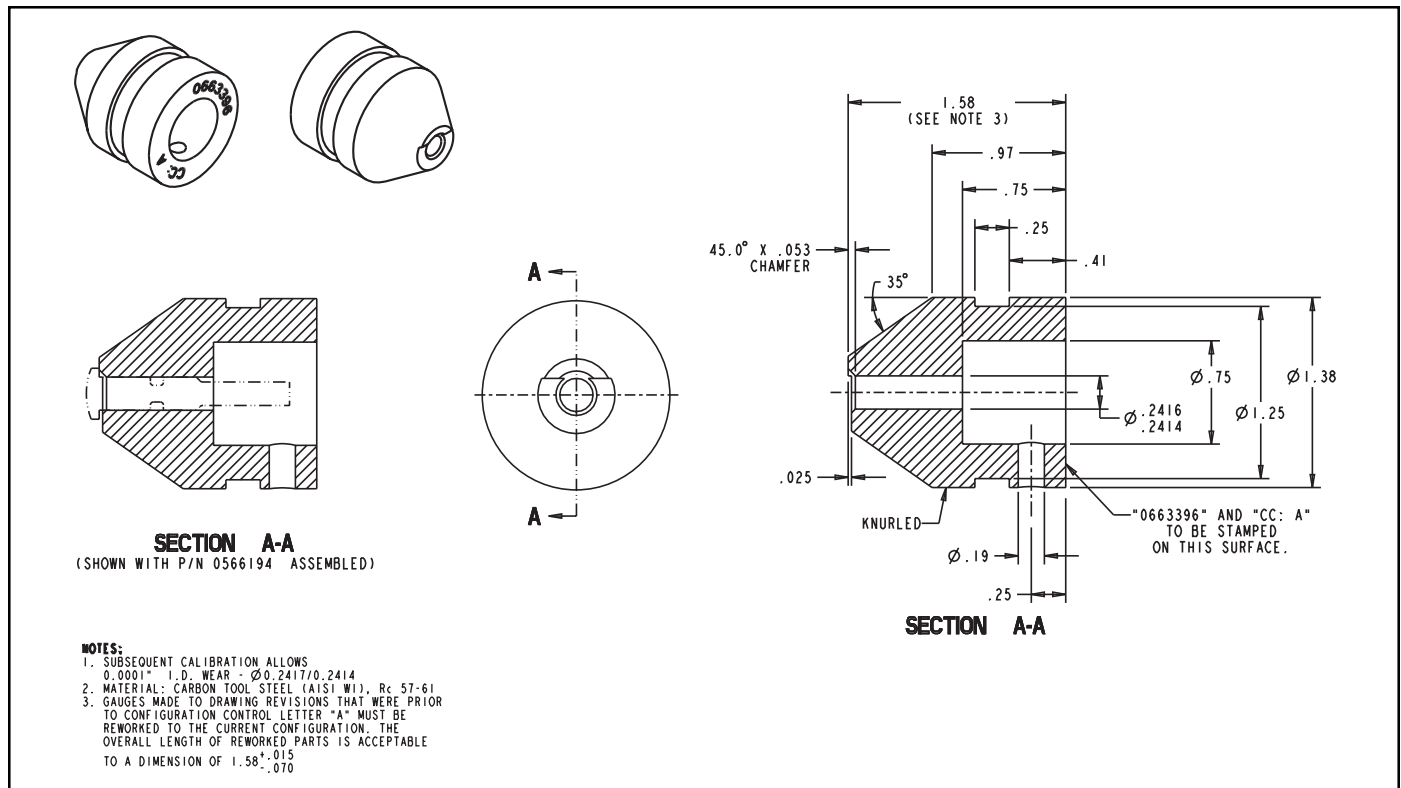


Figure 1 - Dimensional Drawing - Service Accelerated Release Valve Gauge, Part No. 663396

service bulletin

WABCO Freight Car Products has developed the following procedure to inspect for bent plunger pins. Recommended mounting of the gauge is at or near eye level for easy viewing during the pin inspection process.

1. All plunger pins must be clean and dry prior to gauging.
2. Pins are to be gauged prior to O-ring installation.
3. Acceptable/straight pins should freely and entirely enter the gauge when the pin is dropped into the gauge bore. The head of the plunger pin should be, at least, flush with the top of the gauge surface (**See Figure 2**). Pins that pass this test are to be reused during assembly.

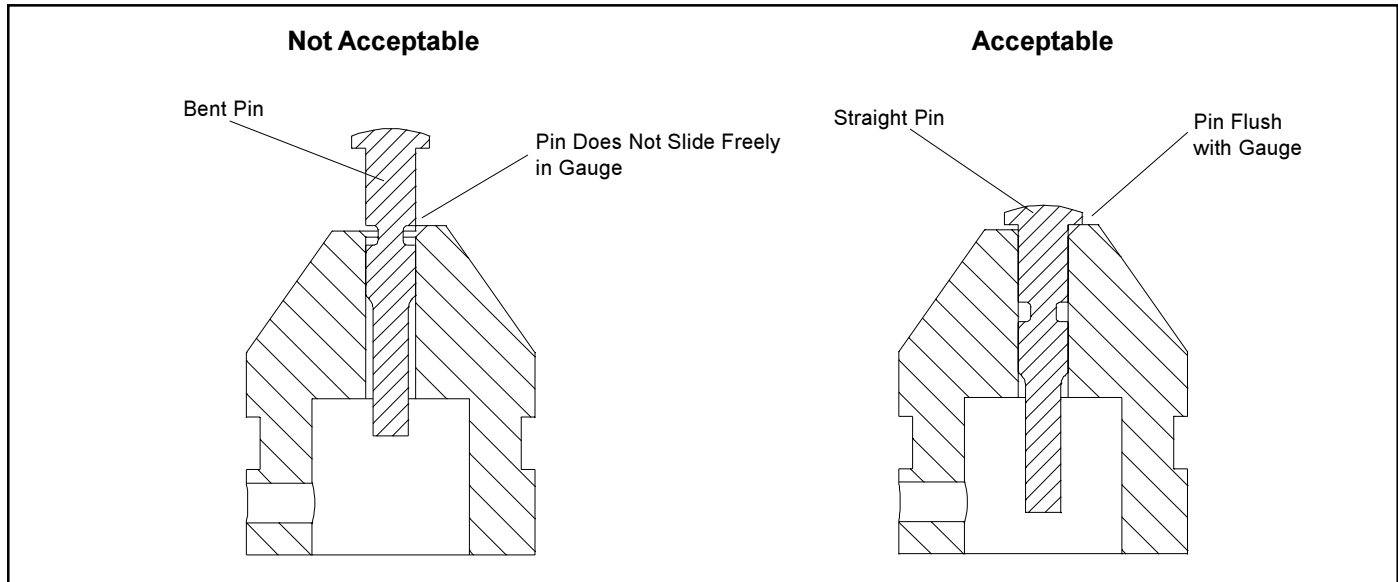


Figure 2 - Bent vs. Straight Pins

4. If the pin hangs up and does not initially drop freely into the gauge bore, we permit slightly lifting and rotating the pin, then releasing it to see if it enters the gauge. **NO PUSHING.**
5. Pins that **DO NOT** pass this test are to be **SCRAPPED** and replaced with **NEW** pins during assembly.
6. The gauge is **NOT TO BE USED** to straighten any bent pins.
7. Reasonable care must be taken to safeguard gauge placement, storage, etc. Adequate training of personnel in the use and handling of the gauge is mandatory.

Please contact your local Wabtec Corporation Representative or the Freight Field Service Engineering Department at (412) 825-1000 with any questions.