



Belvac Production Machinery Technical Bulletin

Information for Customers Operating & Maintaining Belvac Machines

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Light Tester and Vision Coupling Alignment Procedure

In order to aid our customers in obtaining expected life conditions for their shaft couplings, connecting the encoder or resolver to the vacuum transfer shaft, an alignment tool with installation instructions is provided on Belvac assembly prints. For customers with older prints, the following excerpts will clearly show how this is accomplished.

- Install the mounting bracket, item 5337, and the drive shaft, item 5334, with alignment tool, item 1383 as shown. Ensure the alignment tool is pushed all the way onto its mating shaft of the drive shaft. Tighten bolts 3812 securing the bracket.
- Ensure the alignment tool will slide back and forth easily with mating bracket and shaft in the assembled state. If not, loosen the bracket mounting bolts and re-align using the tool.
- When the sliding fit of the tool is established with all parts in the installed position, install the coupling item 5338, and mating resolver or encoder by loosening bolts 3811 allowing mounting bracket 5337 to engage the coupling 5338.
- Note: the coupling does not fit thru the mounting bracket.

The alignment tool may be purchased separately under part number 3710621. Belvac recommends having spare couplings part number C31336 on hand.



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