

**SUBJECT: B-Series® Chamber Gaskets**

A large number of DT466E and I530E engines with rebuilt cylinder heads are now in the field with stainless steel injector sleeves installed. To ensure our customers install the proper chamber gasket when installing new Alliant Power Injectors, a B-Series Chamber Gasket Application Guide (see example below) is enclosed with B-Series Injectors that are normally equipped with copper gaskets (i.e., BA, BB, BC, BD, BE, BF and BJ).

- BI Injectors will continue to be shipped with a copper gasket installed; along with a stainless steel gasket and AP63811BI Gasket Application Guide for installation as necessary (refer to Alliant Power Technical Bulletin APTB\_01/03).
- BN and BP Injectors require no visual inspection as all applications have been equipped with stainless steel gaskets and injector sleeves since product inception.

**B-Series Chamber Gasket Application Guide**

**Important: Injector chamber gaskets and cylinder head sleeves must be the same material (refer to table below):**

Cylinder head injector sleeve material	Chamber gasket material
Copper (coper-nickel)	Copper
Stainless Steel	Stainless Steel

This injector was originally equipped with a copper chamber gasket and the cylinder head was equipped with a copper sleeve to accept it. If the cylinder head you are installing this injector into has been rebuilt with a stainless steel sleeve, you will need to install a stainless steel chamber gasket onto the injector. Stainless steel gaskets are available from your Alliant Power Dealer (part number AP0006 contains six gaskets).

**Gasket Removal and Installation Instructions**

If the appropriate gasket for your engine is not installed on this injector, use a sharp blade to carefully pry the gasket away from the nozzle case. Then use your fingers to slide the gasket off the tip.

To install the new gasket, position the gasket squarely over the nozzle tip. Use a deep well 8 mm socket as a mandrel and gently tap on the socket to get the gasket started, then use finger pressure to slide the gasket until it contacts the nozzle case.

B-Series Chamber Gasket Application Guides are enclosed with applicable injector shipments from Alliant Power. The guide is also available in the “Dealers Only” section of the Alliant Power website [alliantpower.com](http://alliantpower.com).

For more information visit

**AlliantPower.com**

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