

Figure 1

Alliant Power has recently become aware of a number of counterfeit HEUI cores circulating in the marketplace. If encountered, we ask that you contact the Alliant Power Technical Support department immediately. This bulletin provides details on how to identify counterfeits.

Figure 1 depicts a genuine injector (A) and a counterfeit (B). The counterfeits closely resemble actual injectors, both in appearance and weight.

The quickest way to identify a counterfeit core is to examine the body of the injector to determine the presence of an oil inlet port. **Figure 2** shows the oil inlet port on a genuine injector. **Figure 3** shows a counterfeit (which has no oil inlet port).

Additionally, a close look at the tip of a counterfeit injector reveals there are no spray holes and that the tip and nozzle nut are one piece (**Figure 4**).



Figure 2

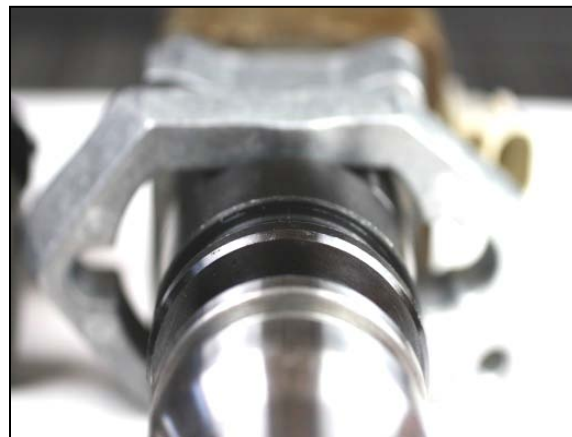


Figure 3



Figure 4



Figures 5, 6, and 7 depict a disassembled counterfeit injector. From these images it is easy to see that there are no functional internal components.

Figure 5



Figure 6



Figure 6a - Internal View of Figure 6



Figure 7



Figure 7a - Internal View of Figure 7

Figure 8 shows a counterfeit injector with the solenoid removed. The injector hold down clamp is also visible. This clamp on the counterfeit injector is made of aluminum as opposed to the steel clamp that is found on genuine injectors.



Figure 8