



## **Valve Recession on 2001-2016 GM 6.6L Duramax Diesel Engines**

The AERA Technical Committee offers the following information regarding the valve recession on 2001-2016 GM 6.6L Duramax diesel engines. It has been reported that the valve recession observed as heads come into machine shops is less than the published specifications.

Cylinder heads with many years of successful operation have been observed with as little as .015" valve recession on intake locations and .020" on exhaust locations. While those figures appeared to have worked on those particular engine builds, that "limited" valve recession is not advised while doing a valve job.

While the original specifications for valve recession are listed below for these engines it is highly recommended to keep the values toward the lesser numbers. For optimum engine performance the higher numbers should never be used during valve & seat reconditioning. Those figures are basically listed for a wear service limit and are not intended for a like new condition.

### **Valve Recession Intake**

.025-.060" (.634-1.524 MM)

### **Valve Recession Exhaust**

.0354-.0787" (.899-2.000 MM)