



Valve Spring Breakage on 2003-2005 Dodge/Chrysler 5.7L Engines

The AERA Technical Committee offers the following caution on valve springs for 2003-2005 Dodge/Chrysler 5.7L engines. Unexpected valve spring breakage has been reported on these early hemi engines. Some shops would categorize this as a common occurrence for these engines; some within the original manufacturer's warranty.

The valve spring part number for these engines changed in 2006 and the frequency of spring breakage on those vehicles has been infrequent or almost non-existent. The aftermarket springs for this newer part number 53021580AE have been used for some time without breakage.



To minimize possible valve spring breakage, it is good practice to replace all valve springs when doing a valve job on these engines. Many AERA machine shops replace all valve springs while doing a valve job as a normal course of action.