

AERA Technical Bulletin

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Valve Seat Fallout On 2003-2009 Chrysler 5.7L, VIN D, T & Z Engines

The AERA Technical Committee offers the following information regarding valve seat fallout on 2003-2009 Chrysler 5.7L VIN D, T & Z engines. These V-8 engines use aluminum cylinder heads with powdered metal (PM) insert valve seats.

It has been reported the intake or exhaust valve seats may become dislodged during normal engine operation on these engines. In some reported instances intake valve seat inserts have dropped shortly after re-installing heads for head gasket service.

In most instances intake locations have been reported to fall out more often, which is different than other Chrysler-Jeep engines. In those engines no specific location has been more problematic than the other. For engines affected with this type of failure, replacement of all valve seats is the best action possible to assure actual interference fit of ALL inserts. Therefore, complete seat replacement is recommended to help prevent possible repeat type failure to reoccur in other locations.

The AERA Technical Committee

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Model Car & Truck
Liter 5.7L

Code VIN D, T & Z
Year 2003-2009