Technical Service Bulletin

Cobra Motorcycle Mfg.

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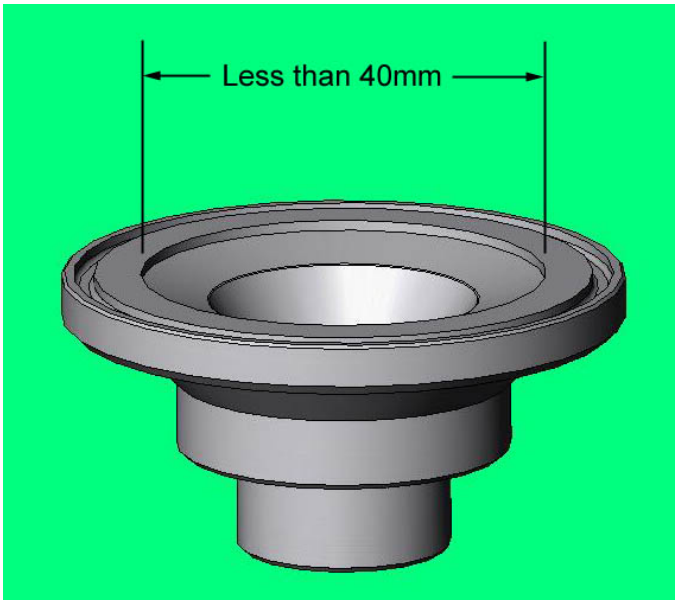
TSB1210 King and JR Cylinder Head Insert

The cylinder head insert (ECMU0532) used on the 2005 and newer Kings and 2006 and newer CM/JR's has changed for an improved fit with the piston at TDC.

Earlier heads had squish OD greater than 40mm. The new heads are less than 40mm. Because of this, the new head requires more attention to make sure that the head insert is centered around the piston than before.

Proper head centering can be confirmed with the solder used to measure the squish clearance. Confirm that the numbers are nearly equal from left to right. If not, it is possible to loosen the head nuts and slightly move the insert in the required direction while tightening.