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TECHNICAL BULLETIN		Mfg: Model: Liter: V I N: Year:
	June 2007 TB 2452	

Pre-Combustion Chamber Caution For
Mercedes Benz 601, 602 & 603 Diesel Engines

The AERA Technical Committee offers the following information regarding a pre-combustion chamber caution for 1986-88 Mercedes Benz 601, 602 & 603 diesel engines. Over time is common for the pre-combustion chambers on these engines to develop fuel or coolant leak passages.

Mercedes Benz offers tooling, Part #601 589 00 66 00 to reform the seating area of the head to assist in sealing the pre-combustion chamber. It is absolutely essential to observe the specified pre-chamber projection of 7.6-8.1 mm (Dimension C, Figure 1) as it provides the required Clearance between the pre-chamber and the piston Crown with the piston at TDC. Therefore, a spacer washer must be inserted on re-worked seating surfaces. These are available from Mercedes Benz in thicknesses of 0.3, 0.6 and 1mm.

Figure 1. See diagram tab above

Parts Information Description	Part Number	Thickness
Washer	601 017 04 60	.012" (.3 mm)
	601 017 02 60	.024" (.6 mm)
	601 017 03 60	.039" (1.0 mm)

The AERA Technical Committee

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Reference:	
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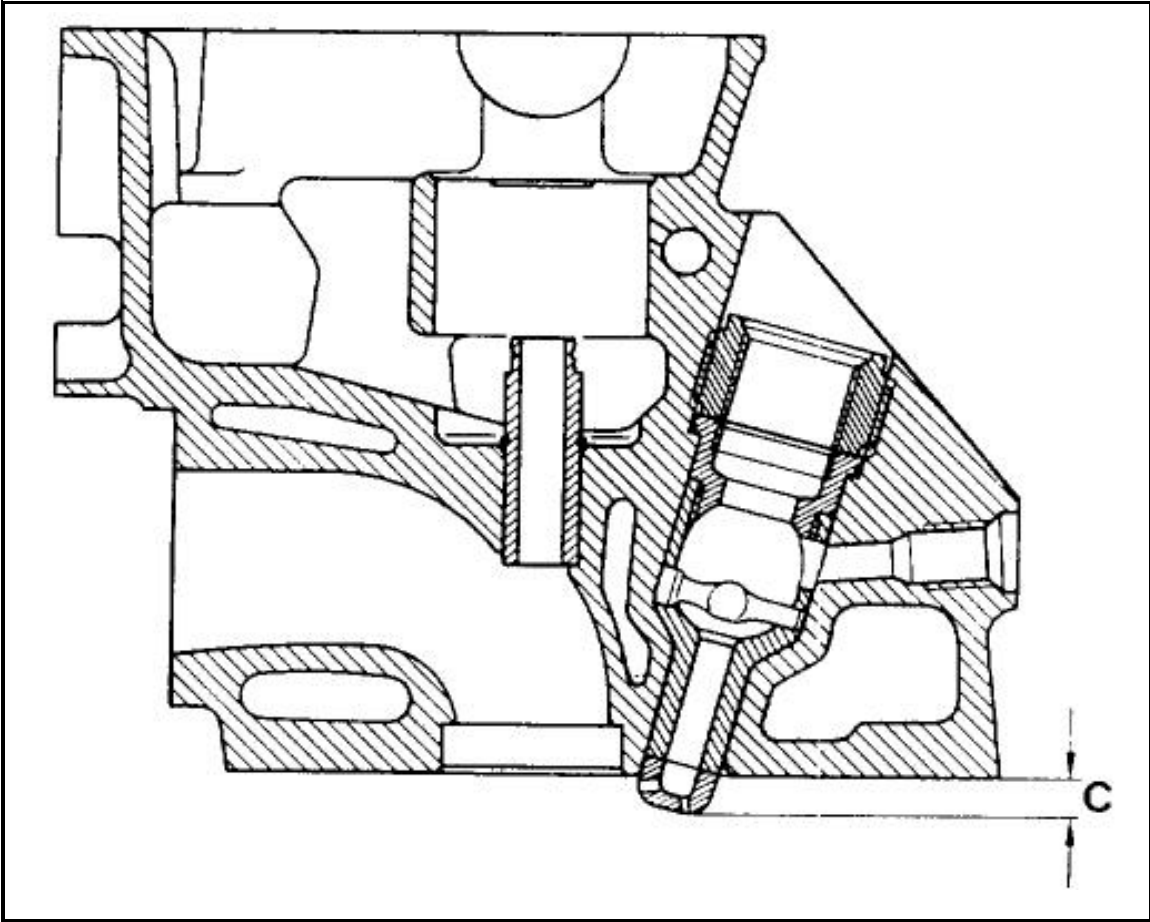
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Bulletin Diagram: FIGURE 1. MEASURING CHAMBER PROTRUSION - FUEL SYSTEM



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