

Enginetech Inc
Tech Assistance 800-410-3664 ext. 340 or 237

TECHNICAL BULLETIN		Mfg: FORD
	March 1996 TB 1318	Model: MUSTANG
		Liter: 4.6L
		V I N: W, X
		Year: 91-09

Cylinder Boring Caution On
1991-2001 Ford 4.6L Engines

The AERA Technical Committee advises members of a boring caution on 1991-2001 Ford 4.6L engines. This engine requires the use of a torque plate while boring and honing the cylinder bores to an oversize dimension. If an engine is bored and honed without a torque plate attached, excessive oil consumption may result.

Ford Motor Company's rebuild program of this cylinder block is done in a temperature controlled environment. All blocks are allowed to rest for a twenty four hour period after boring and honing before the cylinder bores are measured for final size, out of round and taper. Any cylinder block that does not meet the their specifications is discarded.

Original cylinder bores and pistons were of three classifications depending on size and are color coded. Refer to the chart below when measuring cylinder bores.

Cylinder bore diameter:

Red.....	3.5512-3.5517" (90.200-90.213mm)
Blue.....	3.5517-3.5522" (90.213-90.226mm)
Yellow.....	3.5522-3.5527" (90.226-90.239mm)
1. Maximum taper	.0002" (.005mm)
2. Maximum out of round	.0008" (.020mm)

The AERA Technical Committee

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Reference:	
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