

Enginetech Inc
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TECHNICAL BULLETIN		Mfg:	FORD
	March 2003 TB 2053	Model:	AEROSTAR
		Liter:	3.0L
		V I N:	U
		Year:	90-99

Cylinder Head Component Changes For
2000-2003 Ford 3.0L VIN U & 2 Engines

The AERA Technical Committee offers the following information on Cylinder head component changes for 2000-2003 Ford 3.0L VIN U & 2 engines. These changes went into effect in manufacturing on 7/27/1999.

The most noticeable differences are the valve springs and valve stem diameter change from 8 mm to 7 mm. The cylinder head casting number (F6DE-QC) changed to reflect several different machining changes. Intermixing of previously used parts should not be attempted, as dimensional sizes are different.

Component	Part Number	Component	Part Number
Valve Guide Seal		Valve	
Intake	YF1Z6571CA	Intake	YF1Z6507BA
Exhaust	YF1Z6571DA	Exhaust	YF1Z6505BA
Valve Spring		Valve Keeper	
Intake & Exhaust	YF1Z6513CA	Intake & Exhaust	F1AZ6518A□
Valve Spring Retainer			
Intake & Exhaust	YF1Z6514CA		
Cylinder Head Assembly			
Without Valves	YF1Z6049DA		
With Valves	YF1Z6049DB		

Valve Spring Specifications

Valve Open To Maximum Lift	193 - 217#s @ 1.17"
Valve Closed	64-72 #s 1.60"

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Free Length (Approximate)	1.830"
Installed Spring Height	1.650-1.736"
Service Limit	10% Force Loss @ Specified Height

At the time of publication of this bulletin, the only parts source for these components was the Ford Motor Company.

The AERA Technical Committee

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