

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

TECHNICAL BULLETIN	
	March 1997 TB 1438
Mfg:	FORD
Model:	MUSTANG
Liter:	4.6L
V I N:	W, X
Year:	91-09

Camshaft Caution On
1991-1995 Ford 4.6L SOHC, VIN W Engines

The AERA Technical Committee offers the following information on a camshaft caution for 1991-95 Ford 4.6L SOHC, VIN W Engines. The caution expressed is that the left and right side camshafts are unique to their respective cylinder banks. At first glance, the camshafts would appear to be identical. However, under closer examination, lobe spacing is determined to be slightly different.

The camshafts will physically fit into either cylinder head, even though the camshaft lobe spacing is different. If a cam is installed in the wrong head, incorrect geometry of the camshaft to lobe follower will result. The cylinder head alone may be installed on either bank of the engine.

To identify the two specific camshafts, Ford has provided two reference locations and methods. One is stamped on the barrel and the other is stamped below the cam rear face. The stamped numbers on the cam barrel are located between the number two and three lobes. The right hand camshaft is stamped "F2AE-6250-AA, while the left side cam is stamped F2AE-6A274-AA. The numbers on the rear of the camshaft are 2VR for the right side and 2VL for the left side.

A third method of identification involves measuring the distance from the front cam journal face to the first lobe of the camshaft. The distance for the right side camshaft is 4.04"(102.616 mm) and the left side is 3.88" (98.552 mm).

Some aftermarket camshaft suppliers intend to supply this camshaft with .020" (.50 mm) larger camshaft journals to allow for cam bore resizing. Those suppliers intend to identify their camshafts by part numbers located on the camshaft.

Right Side Camshaft

Left Side Camshaft

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F2AE-6250-AA & 2VR
(Stamped Marks)

F2AE-6A274-AA & 2VL
(Stamped Marks)

The AERA Technical Committee

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Reference:	
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