

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

TECHNICAL BULLETIN	
	May 1997 TB 1455
Mfg:	GM
Model:	CALAIS
Liter:	2.3L
V I N:	A
Year:	88-95

Cylinder Head Bolt Reuse On
1995-97 GM 2.3L VIN 3, A & D Engines

AERA members report limited success when reusing cylinder head bolts on 1987-95 GM 2.3L engines. This engine uses a torque-turn method of tightening the cylinder head bolts to mount the cylinder head. The manufacturer of this engine does not stipulate the use of new cylinder head bolts for this engine.

AERA members have reported increased head gasket durability when those head bolts are replaced during cylinder head installation. Reports have indicated repeat failures after 20,000 miles when bolts are not replaced and no known repeat failures when bolts are replaced.

Bolts are available from GM as well as aftermarket suppliers. For more information regarding cylinder head installation see AERA Technical Bulletins TB 1114 & 956.

The AERA Technical Committee

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Reference:	
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