

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

TECHNICAL BULLETIN	
	August 1998 TB 1595
Mfg:	GM
Model:	CUTLASS
Liter:	3.4L
V I N:	X
Year:	95-97

Timing Belt Installation Caution On
1991-97 GM 3.4L VIN X DOHC Engines

The AERA Technical Committee offers the following caution regarding timing belt installation on 1991-97 GM 3.4L VIN X, DOHC engines. This information is supplied to be used in addition to previously published service manual information. This bulletin contains an additional step that had been omitted from 1991-95 service procedures.

This engine does not use a key way or dowel pin to locate the engines' four camshaft sprockets. The only reference marks on the camshaft are two flats located near the front or rear of the end journal. When the camshafts are correctly positioned in the cylinder head, those flats will be facing up on one bank while the other bank has them positioned downward.

Originally published information indicated all four camshafts should locate the flats up during installation. If installation is done in that manner, the engine will start and run, but will lack power and performance. It should also be noted, this engine is of a freewheeling design and will not encounter valve to piston contact if valve timing is interrupted.

The AERA Technical Committee

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Reference:	
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