

Enginotech Inc
For Technical Assistance Call:
1-800-410-3664 ext 340 or ext 237

TECHNICAL BULLETIN		Mfg:	TOYOTA
	April 1994 TB 1098	Model:	4-RUNNER
		Liter:	3.0L
		V I N:	3V-ZE
		Year:	88-95

**Connecting Rod Nut Tightening Caution On
Toyota 2.5 & 3.0L Engines**

AERA machine shops should be particularly cautious when tightening the connecting rod nuts on Toyota 2.5 & 3.0L V-6 engines used in the 4 Runner and Pickup.

The connecting rod nuts for these engines use a combination torque, then turn method to achieve the proper clamping load. First the nut is torqued to 18 lbs.ft., then turned an additional 90°. It is possible for the rod bolt to slightly turn inside the connecting rod during this process, causing the final torque to be below specifications. The nut must be turned 90° relative to the bolt, not the connecting rod.

During assembly, instead of marking the nut and the connecting rod with a paint stick, mark the nut and the bolt to ensure that the proper final torque is achieved.

The AERA Technical Committee

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Reference:	
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