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TECHNICAL BULLETIN	
	July 2002 TB 1995
Mfg:	TOYOTA
Model:	COROLLA
Liter:	1.8L
V I N:	1ZZFE
Year:	98-08

Crankshaft Caution For
2000-2001 Toyota 1.8L Engines

The AERA Technical Committee offers the following information on a crankshaft Caution for 2000 Toyota 1.8L engines. During the 2000 year Toyota offered two engines with similar displacement, a 1ZZ-FE and a 2ZZ-GE designation.

Determining which engine you're working on may be confusing, as many components are similar. The crankshaft used for these engines share similar main journal diameters, but the rod journal diameters differ.

Both engines' crankshaft main journal diameter are 1.8893 -1.8898" (47.988-48.000 mm). The connecting rod journal diameter for the 1ZZ-FE is 1.7320-1.7323" (43.992-44.000 mm), while the 2ZZ-GE engine has a larger 1.7713-1.7717" (44.992 - 45.000 mm) rod journal diameter.

Other engine differences include bore and stroke dimensions. The 1ZZ-FE engine has a 79mm bore and 91.5mm stroke (1794 cc), while the engine has a larger 82.0 mm bore and smaller 85.0 mm stroke (1762 cc). There are also slight clearance variances between the different engines so determining which engine is being worked on and obtaining the correct specifications is crucial.

The AERA Technical Committee

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Reference:	
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