

Enginetech Inc
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TECHNICAL BULLETIN	
	May 1998 TB 1570
Mfg:	TOYOTA
Model:	TACOMA
Liter:	3.4L
V I N:	N
Year:	95-04

Crankshaft Specifications On
1995-98 Toyota 3.4L 5VZE Engines

The AERA Technical Committee offers the following information on crankshaft specifications on 1995-98 Toyota 3.4L 5VZE engines. It has been reported that incorrect specifications have been published for the connecting rod journal diameter and stroke.

This crankshaft is similar to one previously manufactured by Toyota for the 3VZE engine. The similarities include rod and main journal diameter specifications as well as several other specifications listed below. The crankshafts are not interchangeable due to the difference in the engine balance. A new crankshaft is available with Part #1340162030 for the 5VZE engine from Toyota.

Crankshaft Specifications

Main Journal Diameter:	2.5191-2.5197"	(63.985-64.000 mm)
.010" (.25mm) Undersize:	2.5096-2.5100"	(63.745-63.755 mm)
Main Bearing Oil Clearance:	.0009-.0021"	(.023-.053 mm)
Rod Journal Diameter:	2.1648-2.1654"	(54.986-55.001 mm)
.010" (.25mm) Undersize:	2.1553-2.1557"	(54.745-54.755 mm)
Rod Bearing Oil Clearance:	.0008-.0015"	(.020-.038 mm)
Crankshaft End Play:	.0010-.0090"	(.025-.228 mm)
Radius/Fillets:	5/64" ROLLED	
Thrust Width:	1.0267"	(26.078 mm) @ #2
Rear Seal Diameter:	3.6225"	(92.011 mm)
Pulley Area Diameter:	1.2203"	(30.996 mm)
Front Seal Diameter:	1.5752"	(40.010 mm)
Crankshaft Rod Offset:	1.6141"	(41.00 mm), 1/2 of Stroke

Toyota is currently supplying standard and .010" (.25mm) undersize bearings for

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Reference:	
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both rod and main bearings. Aftermarket suppliers are supplying these bearings in undersizes up to .030" (.75 mm).

The AERA Technical Committee

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