

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

TECHNICAL BULLETIN	
	July 1996 TB 1357
Mfg:	TOYOTA
Model:	CAMRY
Liter:	2.0L
V I N:	3SFE
Year:	87-91

Oil Consumption On
1986-88 Toyota 2.0L 3S-GE & FE Engines

The AERA Technical Committee offers the following information about oil consumption on 1986-88 Toyota 2.0L 3S-GE & FE engines. The cause of this condition has been related to inadequate piston ring seal. During the 1988 model year, Toyota modified the piston rings for the above mentioned engines. Generally, a field fix of installing the newer ring design solved excessive oil consumption complaints.

The modification to the ring set included reduced allowable oil ring end gap and additional tension for the 3S-FE engine. Refer to the chart below when fitting piston rings to bores.

Engine	Ring & Location	Previous Spec.	Current Spec.
3S-FE	Oil ring end gap	.0078-.0276"	.0078-.0177"
3S-GE	Oil ring end gap	.0078-.0276"	.0078-.0177"
	Oil ring tension	4 kg	4.5 kg
3S-GE	Second comp. ring end gap	.0090-.0138"	.0177-.0236"

The improved standard ring sets from Toyota carry part number 13011- 88363 for the 3S-GE engine and 13011-74071 for the 3S-FE engine.

The AERA Technical Committee

This information is provided from the best available sources. However, AERA does not assume responsibility for data accuracy or consequences of its application. Members and others are not authorized to reproduce or distribute this material in any form, or issue it to their branches, divisions, or subsidiaries, etc. at a different location, without written permission.
© Copyright AERA 2006



Reference:	
-------------------	--

TECHNICAL BULLETIN		
	July 1996 TB 1357	
	Mfg: TOYOTA Model: CAMRY Liter: 2.0L V I N: 3SFE Year: 87-91	

This information is provided from the best available sources. However, AERA does not assume responsibility for data accuracy or consequences of its application. Members and others are not authorized to reproduce or distribute this material in any form, or issue it to their branches, divisions, or subsidiaries, etc. at a different location, without written permission.
 © Copyright AERA 2006



Reference:	
-------------------	--