TOYOTA SERVICE BULLETIN

Group: 01 No.: 07 Date: Nov, 12

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Correction to Repair Manual RM02N2EQ

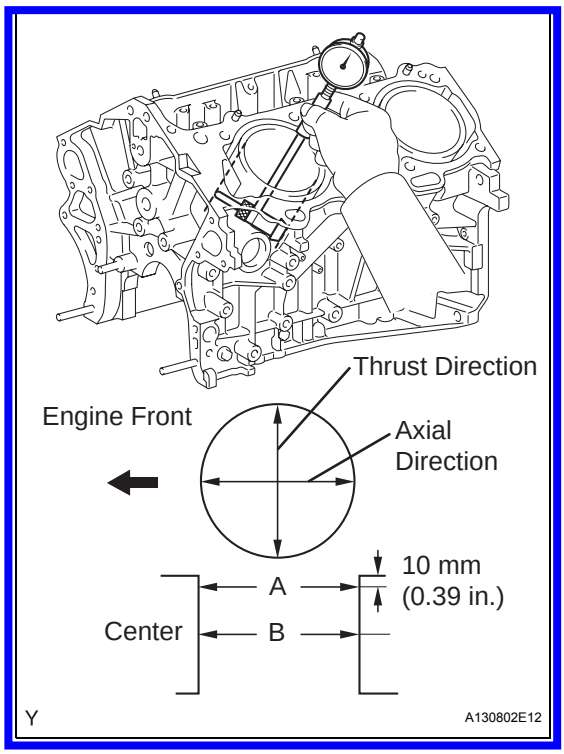
Please ensure these pages are distributed to all relevant staff for their information; and a copy made available for future reference, with the above repair manual.

Section	Title	Paragraph
2GR-FE ENGINE MECHANICAL	ENGINE UNIT	INSPECTION

The revised pages listed above are attached.
(The corrected parts are indicated by arrows.)

This Bulletin does not cause the Flat Rate Manual to be changed.

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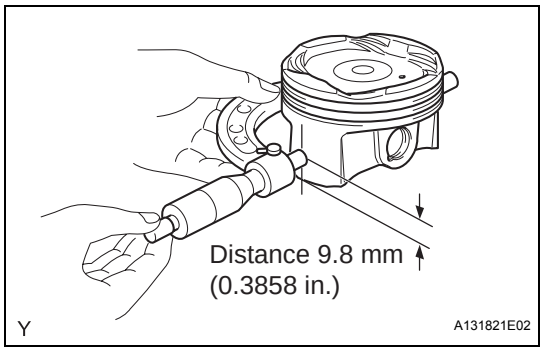


(b) Using a cylinder gauge, measure the cylinder bore diameter at positions A and B in the thrust and axial directions.

Standard diameter:
94.000 to 94.012 mm (3.7008 to 3.7013 in.)
Maximum diameter:
94.200 mm (3.7087 in.)

If the average diameter of 4 positions is greater than the maximum, replace the cylinder block.

[Corrected]



32. INSPECT PISTON SUB-ASSEMBLY WITH PIN

(a) Using a micrometer, measure the piston diameter at right angles to the piston center line where the distance from the piston end is as specified.

Distance:
9.8 mm (0.3858 in.)
Standard diameter:
93.960 to 93.980 mm (3.6992 to 3.7000 in.)
Minimum diameter:
93.830 mm (3.6941 in.)

33. INSPECT PISTON OIL CLEARANCE

(a) Measure the cylinder bore diameter in the thrust directions.

(b) Subtract the piston diameter measurement from the cylinder bore diameter measurement.

Standard oil clearance:
0.020 to 0.052 mm (0.0008 to 0.0020 in.)
Maximum oil clearance:
0.060 mm (0.0024 in.)

If the oil clearance is greater than the maximum, replace all the pistons. If necessary, replace the cylinder block.

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