

<small>Subject:</small>	<b>2AZ Piston Type (A, B, or C) Production Allocation</b>	<small>Market:</small>	USA
<small>Service Category:</small>	Engine/Hybrid System	<small>Section:</small>	Lubrication
<small>Applicability:</small>	2AZ-FE and 2AZ-FXE Equipped Models		

**MAYBE APPLICABLE VEHICLES**

2007-2009	Camry	2006-2008	RAV4
2009-2013	Matrix	2007-2008	Solara
2009-2011	Corolla	2007-2011	Camry HV

**CONDITION**

- Based on current part order allocation, some piston types have been incorrectly identified while undergoing the ZE7 2AZ Oil Consumption repair procedure.
- Replacement pistons for ZE7 should be ordered based on the pistons removed from existing cylinder block and no longer by measurement.
- This Tech Tip includes information regarding production allocation and instructions for identifying piston type on subject engines. This will be published in the next revision of T-SB-0030-15.

**RECOMMENDATIONS**

**NOTE: When the 2AZ-FE and 2AZ-FXE engines were produced, the following piston type allocation was used: A = 4%, B = 92%, C = 4%.**

**NOTE: Although "B" pistons are the most commonly used in production, any engine can have any combination of all 3 pistons (A, B, C).**

**Identifying Piston Type on Subject Engines:**

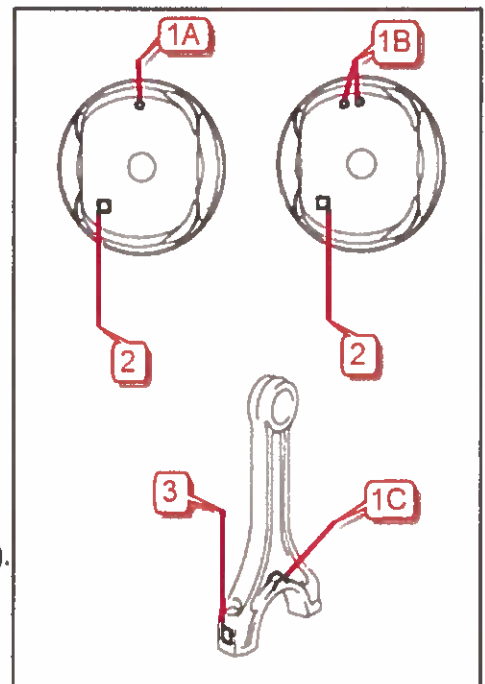
1.) Remove piston from cylinder block and inspect markings for piston type (A, B, or C).

<b>1A</b>	Front Mark on TMMK Made Piston
<b>1B</b>	Front Mark on TMC Made Piston
<b>1C</b>	Front Mark on All Connecting Rods
<b>2</b>	Piston Pin Bore Diameter Mark
<b>3</b>	Connecting Rod

2.) Due to carbon build up, piston face may need to be cleaned before reading designated piston type. If piston type cannot be found on piston, reference connecting rod.

3.) Measure piston pin and connecting rod to confirm diameters match specification for corresponding piston type (A, B, or C). If they do match, then replace part with correct type.

**NOTE: Piston, Pin and Connecting Rod Type is a matched set. Type will be the same for all 3 parts (A, B, or C).**



Subject

**2AZ Piston Type (A, B, or C) Production Allocation**

Market

USA

Applicability

**LINK REFERENCES**

This Tech Tip does not contain any link references