Introduction

This service bulletin provides information on the proper identification of engine bank 1 and engine bank 2 for correct A/F sensor and oxygen sensor replacement.

This bulletin contains information that identifies engine bank 1 and engine bank 2 on the following engines: 1MZ–FE, 3MZ–FE, 1GR–FE, 5VZ–FE and 2UZ–FE.

- Bank 1 (B1) refers to the bank that includes cylinder No. 1.
- Bank 2 (B2) refers to the bank opposite bank 1.
- Sensor 1 (S1) refers to the sensor that is located before the catalytic converters.
- Sensor 2 (S2) refers to the sensor that is located after the catalytic converters.

Applicable Vehicles

- 2004 model year Highlander vehicles equipped with 3MZ–FE engine.
- 2004 model year Sienna vehicles equipped with 3MZ–FE engine.

Warranty Information

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<tr>
<th>OP CODE</th>
<th>DESCRIPTION</th>
<th>TIME</th>
<th>OFP</th>
<th>T1</th>
<th>T2</th>
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2UZ–FE Engine Bank Identification

Bank 2
No. 8 Cylinder
No. 6 Cylinder
No. 4 Cylinder
No. 2 Cylinder

Bank 1
No. 7 Cylinder
No. 5 Cylinder
No. 3 Cylinder
No. 1 Cylinder

Front of Vehicle

1MZ–FE and 3MZ–FE Engine Bank Identification

Bank 1
No. 1 Cylinder
No. 3 Cylinder
No. 5 Cylinder

Bank 2
No. 2 Cylinder
No. 4 Cylinder
No. 6 Cylinder

Front of Vehicle
Engine Bank Identification (Continued)

SVZ–FE and 1GR–FE Engine Bank Identification

A/F and O2 Sensor Identification

Sensor Identification (Example of FWD V6)