



**Technical Service  
BULLETIN**

September 3, 2004

Title:

**ENGINE BANK 1 AND BANK 2 A/F  
AND O2 IDENTIFICATION**

Models:

**Applicable Models**

**ENGINE  
EG037-04**

**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**

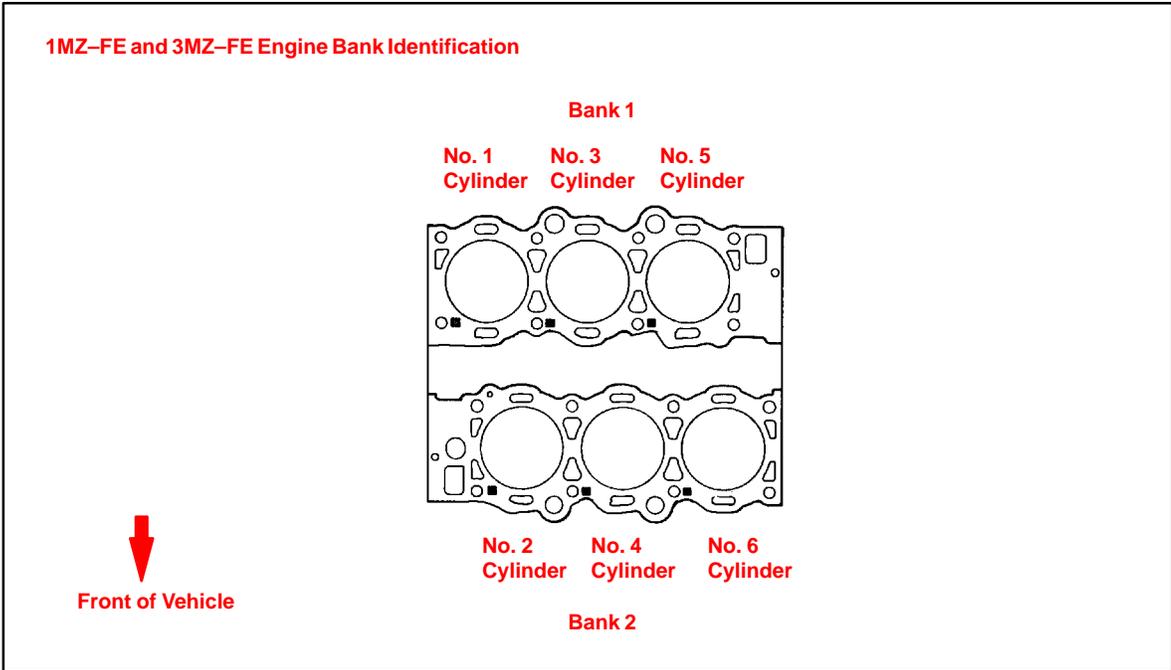
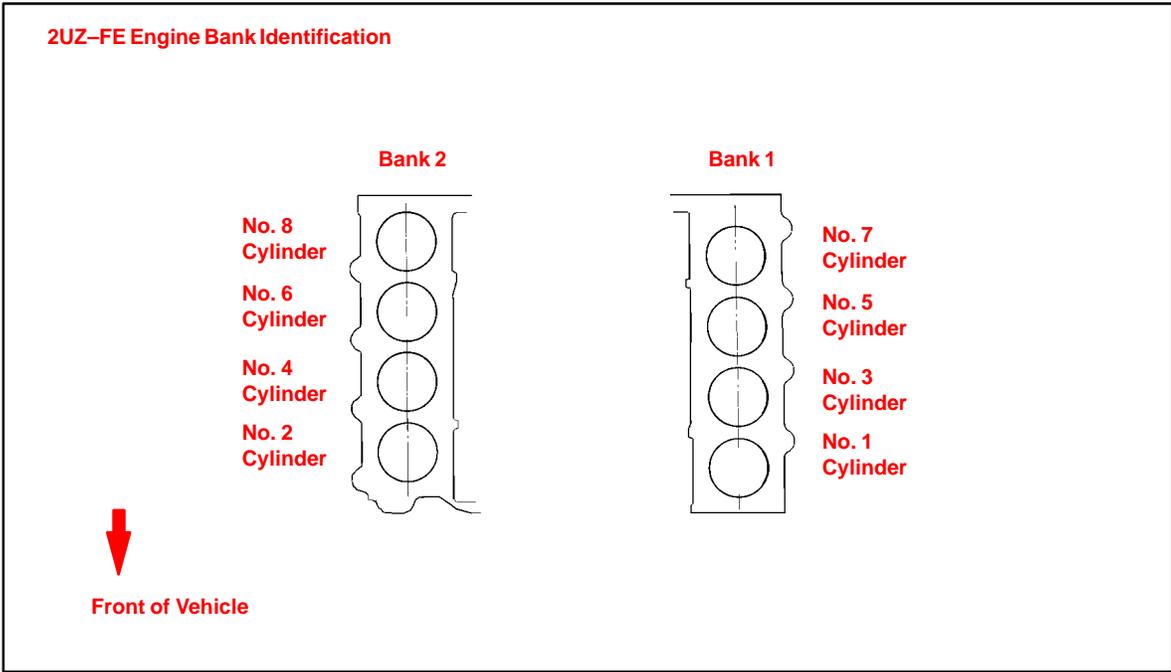
- **2003 – 2004** model year **4Runner** vehicles equipped with **1GR-FE** and **2UZ-FE** engines.
- **1994 – 2004** model year **Camry** vehicles equipped with **1MZ-FE** engine.
- **2004** model year **Camry** and **Solara** vehicles equipped with **3MZ-FE** engine.
- **2001 – 2003** model year **Highlander** vehicles equipped with **1MZ-FE** engine.
- **2004** model year **Highlander** vehicles equipped with **3MZ-FE** engine.
- **1998 – 2004** model year **Land Cruiser** vehicles equipped with **2UZ-FE** engine.
- **2001 – 2004** model year **Sequoia** vehicles equipped with **2UZ-FE** engine.
- **1998 – 2003** model year **Sienna** vehicles equipped with **1MZ-FE** engine.
- **2004** model year **Sienna** vehicles equipped with **3MZ-FE** engine.
- **1999 – 2003** model year **Solara** vehicles equipped with **1MZ-FE** engine.
- **1995 – 2004** model year **Tacoma** vehicles equipped with **5VZ-FE** engine.
- **2000 – 2004** model year **Tundra** vehicles equipped with **5VZ-FE** and **2UZ-FE** engines.
- **1995 – 1998** model year **T-100** vehicles equipped with **5VZ-FE** engine.

**Warranty  
Information**

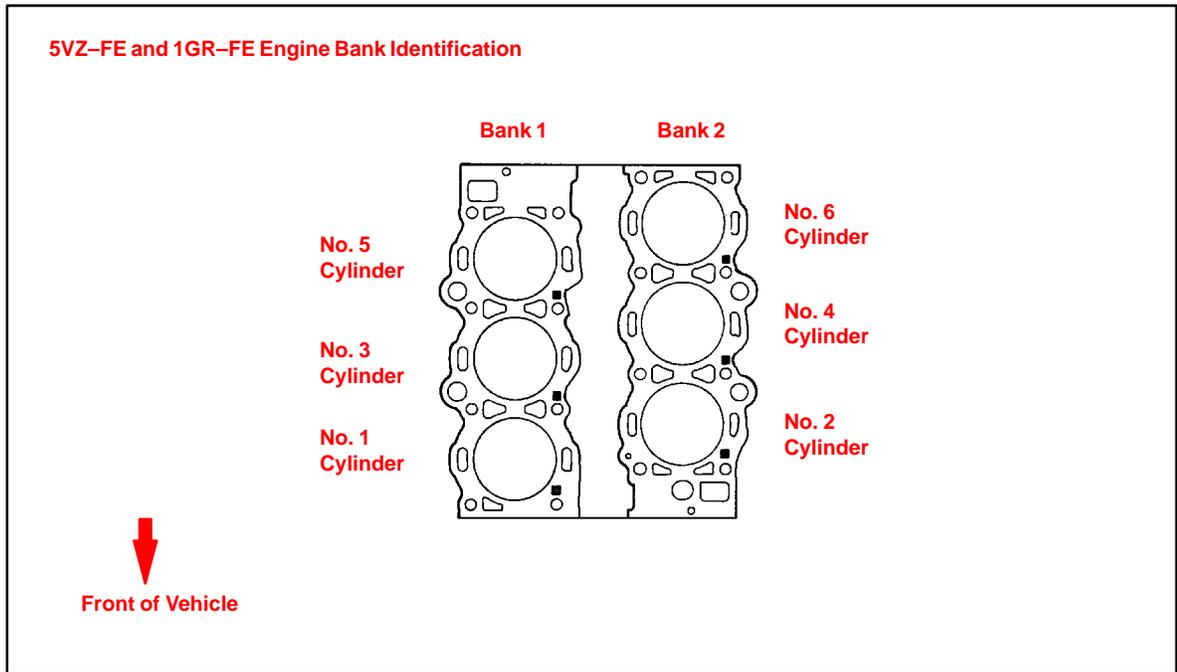
OP CODE	DESCRIPTION	TIME	OFF	T1	T2
N/A	Not Applicable to Warranty	–	–	–	–



**Engine Bank Identification**



**Engine Bank Identification**  
(Continued)



**A/F and O2 Sensor Identification**

