



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.

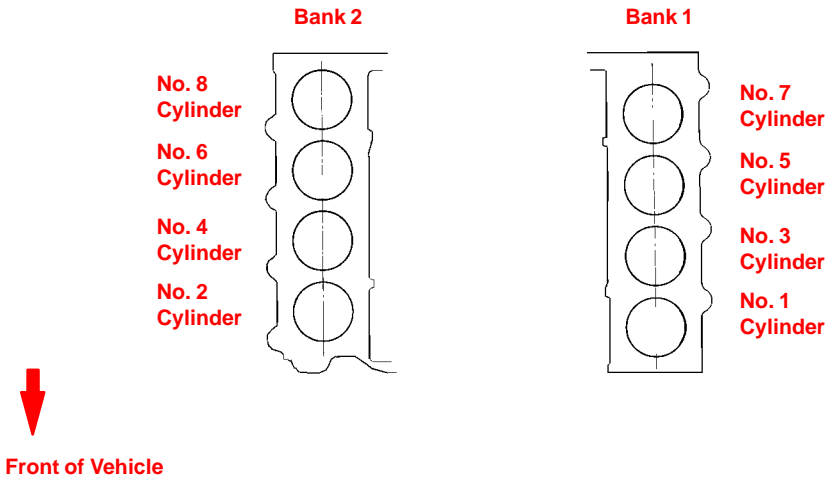
Warranty Information

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

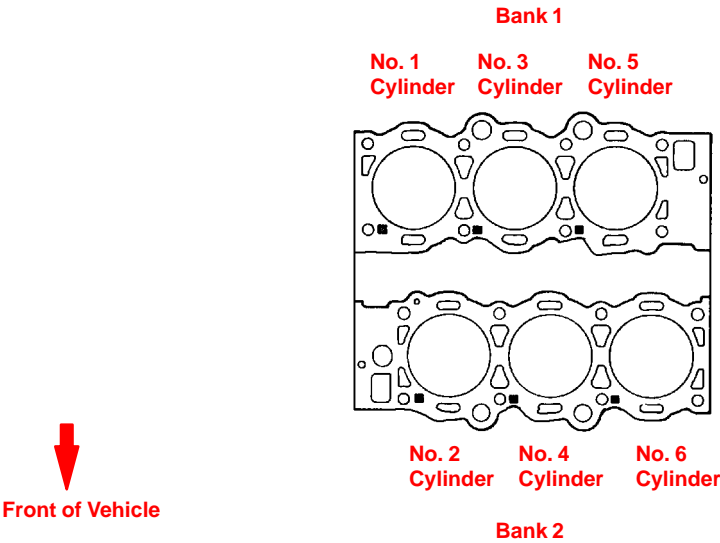


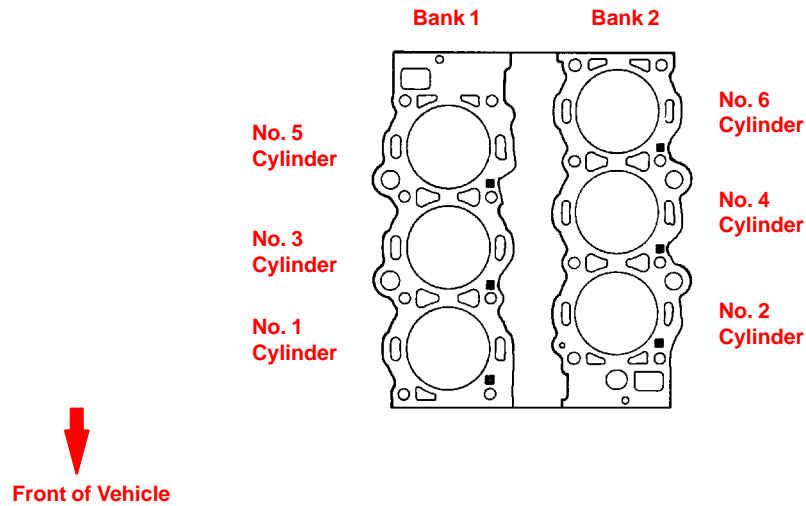
Engine Bank Identification

2UZ-FE Engine Bank Identification



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



**Engine Bank
Identification**
(Continued)**5VZ-FE and 1GR-FE Engine Bank Identification****A/F and O2
Sensor Identification****Sensor Identification (Example of FWD V6)**