



## Technical Service Information Bulletin

September 3, 2004

Title:

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

Models:

## Applicable Models

ENGINE  
EG010-04

**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, 1UZ-FE, 2UZ-FE and 3UZ-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

- 1994 – 2003 model year **ES 300** vehicles equipped with **1MZ-FE engine**.
- 2004 model year **ES 330** and **RX 330** vehicles equipped with **3MZ-FE engine**.
- 1998 – 2000 model year **GS 400** vehicles equipped with **1UZ-FE engine**.
- 2003 – 2004 model year **GX 470** vehicles equipped with **2UZ-FE engine**.
- 1990 – 2000 model year **LS 400** vehicles equipped with **1UZ-FE engine**.
- 2001 – 2004 model year **LS 430** and **GS 430** vehicles equipped with **3UZ-FE engine**.
- 1998 – 2004 model year **LX 470** vehicles equipped with **2UZ-FE engine**.
- 1999 – 2003 model year **RX 300** vehicles equipped with **1MZ-FE engine**.
- 1992 – 2000 model year **SC 400** vehicles equipped with **1UZ-FE engine**.
- 2002 – 2004 model year **SC 430** vehicles equipped with **3UZ-FE engine**.

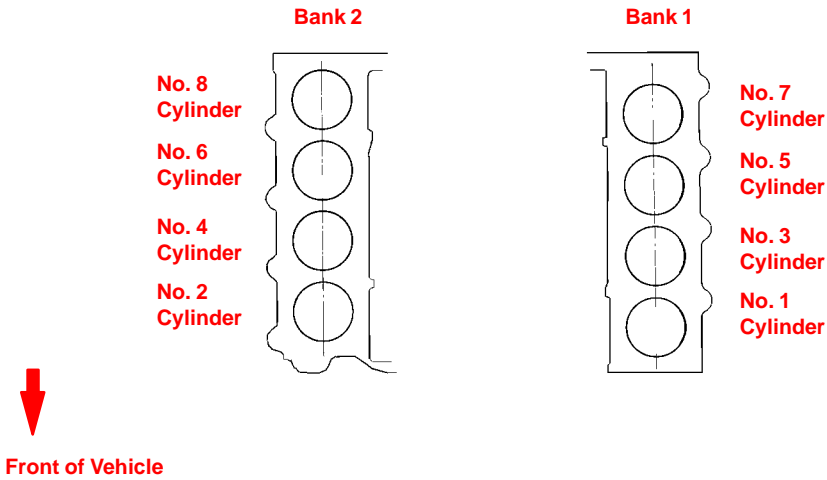
### Warranty Information

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

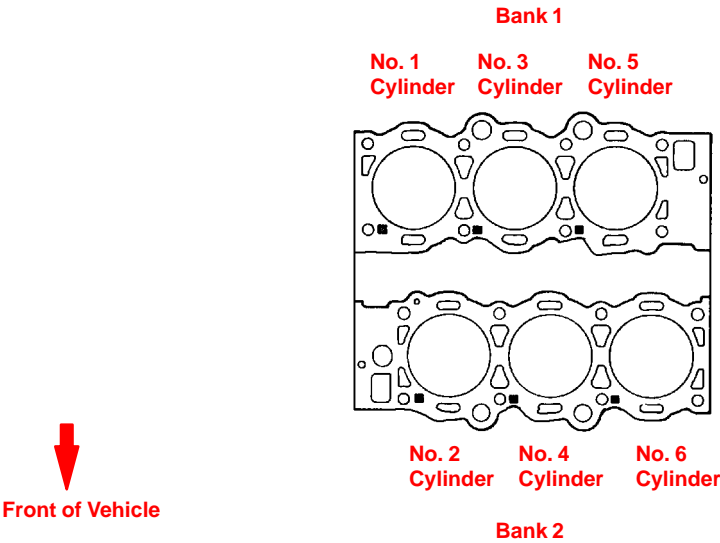


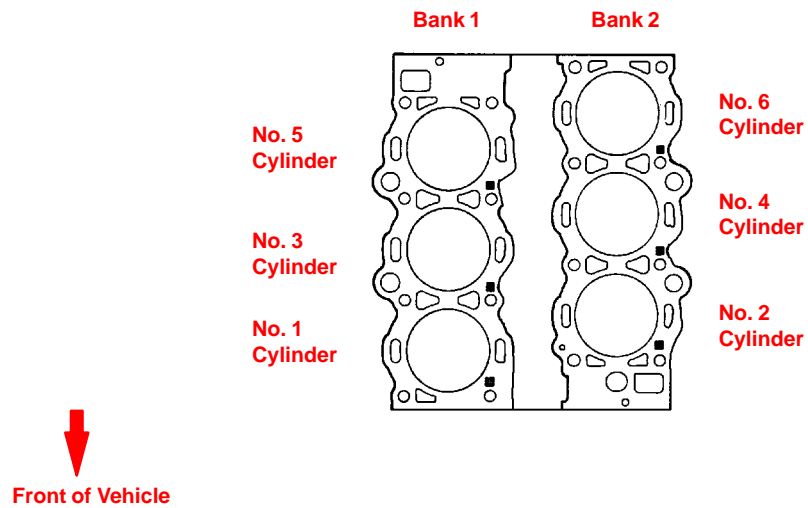
Engine Bank Identification

1UZ-FE, 2UZ-FE and 3UZ-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)**