

## A - ENGINE/VIN ID

### 1990 Nissan 240SX

#### 1990 ENGINE PERFORMANCE Introduction

Nissan; Axxess, Maxima, Pathfinder, Pickup,  
Pulsar NX, Sentra, Stanza, Van, 240SX, 300ZX

#### 1990 MODEL COVERAGE TABLE

| MODEL               | BODY CODE | ENGINE (1)       | ENGINE ID | FUEL SYSTEM | IGNITION SYSTEM |
|---------------------|-----------|------------------|-----------|-------------|-----------------|
| Axxess              | M         | 2.4L (KA24E)     | H         | SFI         | Optical (2)     |
| Maxima              | J         | 3.0L V6 (VG30E)  | H         | SFI         | Optical (2)     |
| Pathfinder & Pickup | D         | 2.4L (KA24E)     | S         | SFI         | Optical (2)     |
|                     | D         | 3.0L V6 (VG30E)  | H         | SFI         | Optical (2)     |
| Pulsa NX            | N         | 1.6L (GA16i)     | G         | TBI         | Optical (2)     |
| Sentra              | B         | 1.6L (GA16i)     | G         | TBI         | Optical (2)     |
| Stanza              | U         | 2.4L (KA24E)     | F         | SFI         | Optical (2)     |
| Van                 | C         | 2.4L (Z24i)      | S         | TBI         | Optical (2)     |
| 240SX               | S         | 2.4L (KA24E)     | H         | SFI         | Optical (2)     |
| 300ZX               | Z         | 3.0L V6 (VG30DE) | R         | SFI         | Optical (2)     |

(1) - Engine code is located on left side (4-Cyl.) or right side (V6) of cylinder block, at cylinder head mating surface.

(2) - Timing is controlled by Electronic Control Unit (ECU).

(3) - System utilizes a detonation (knock) sensor for ignition detonation input to EU.

#### VIN ID

(VIN)      J N 1 H M 1 5 P 9 L X 1 2 3 4 5 6  
            1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17

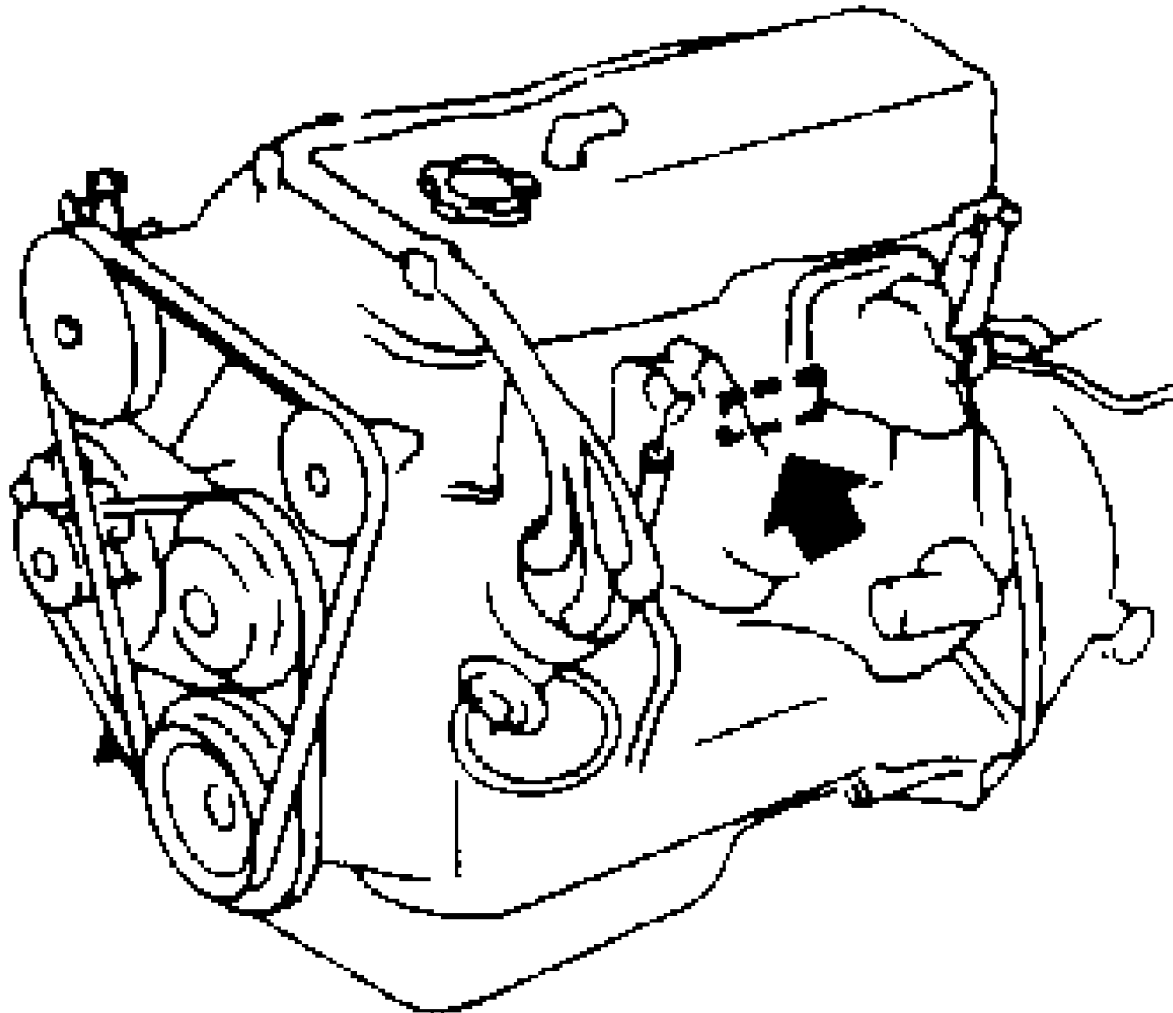
- 1 - Indicates Nation of Origin.
- 2 - Indicates Manufacturer.
- 3 - Indicates Type of Vehicle.
- 4 - Indicates Engine Type.
- 5 - Indicates Vehicle line.
- 6 - Indicates Model Change.
- 7 - Indicates Body Type.
- 8 - Indicates Restraint System.
- 9 - Indicates Check Digit.
- 10 - Indicates Model Year. (1)
- 11 - Indicates Assembly Plant.
- 12 thru 17 - Vehicle Serial Number.

(1) - If identification of year model seems to conflict with available systems application, verify year model with manufacturer, using build date code stamped on door jamb.

#### MODEL YEAR VIN CODE APPLICATION

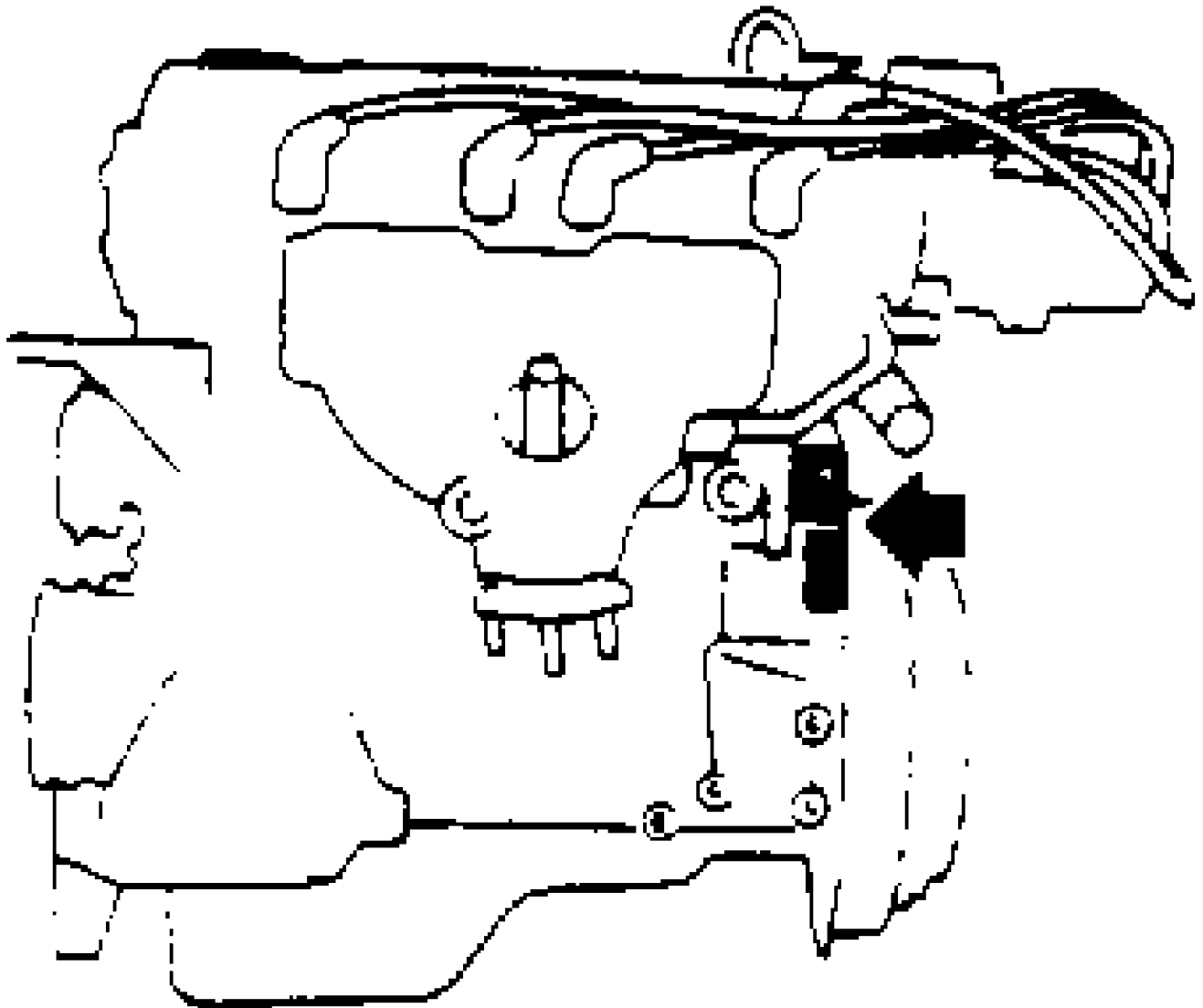
| VIN Code | Model Year |
|----------|------------|
| J .....  | 1988       |
| K .....  | 1989       |
| L .....  | 1990       |

**ENGINE CODE LOCATION**



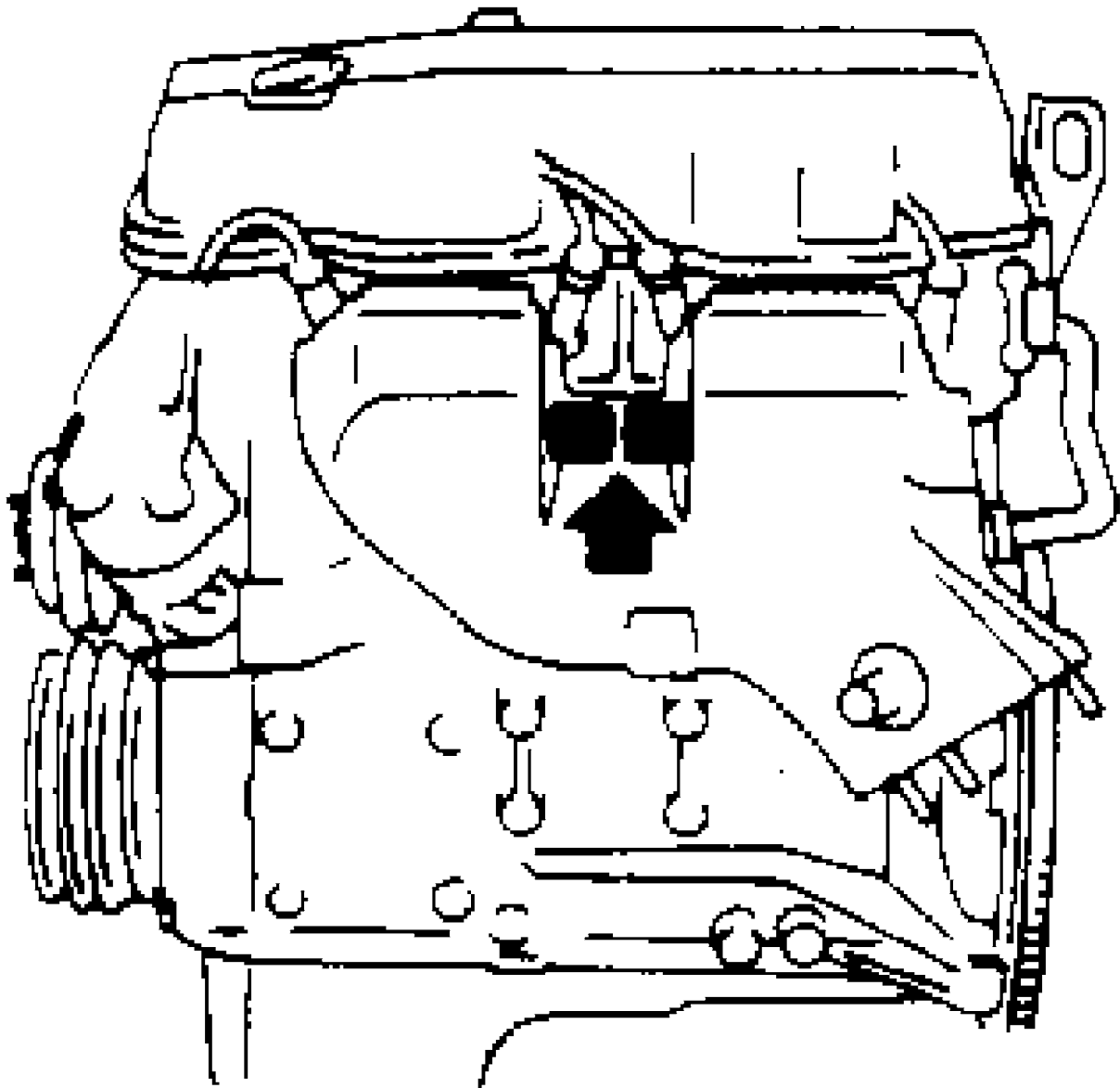
**2.4L (Z24i) 4-CYLINDER**

Fig. 1: 2.4L (Z24i) 4-Cyl Engine Code Location  
Courtesy of Nissan Motor Co., U.S.A.



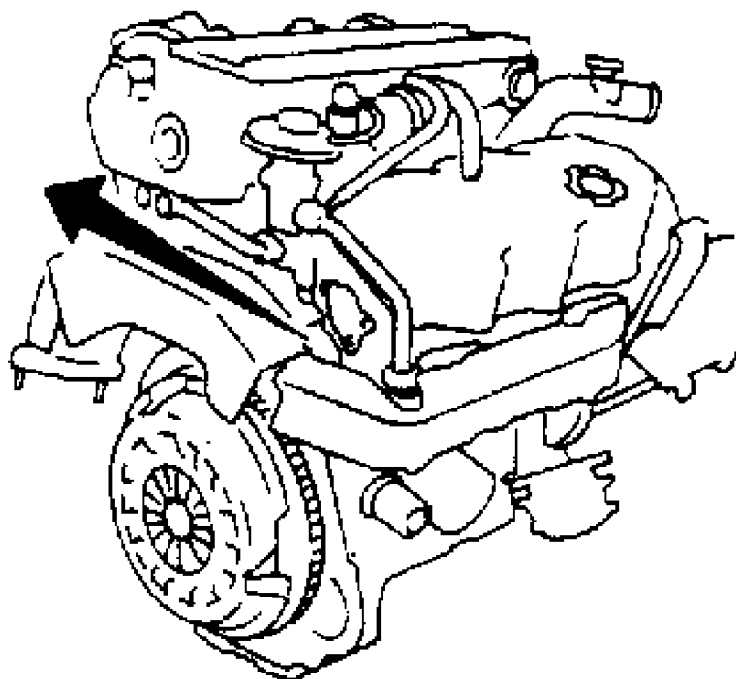
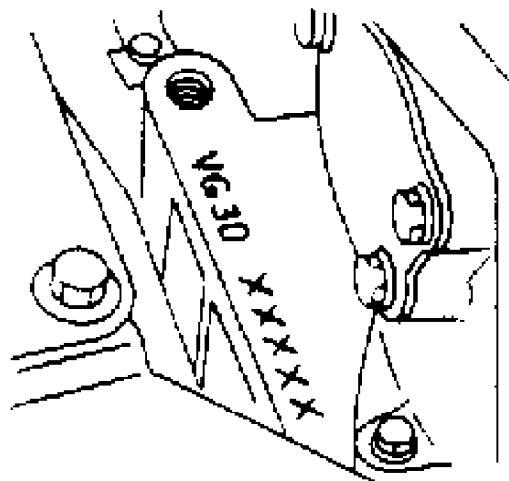
## 1.6L (GA16i) 4-CYLINDER

Fig. 2: 1.6L (GA16i) 4-Cyl Engine Code Location  
Courtesy of Nissan Motor Co., U.S.A.



## **2.4L (KA24E) 4-CYLINDER**

Fig. 3: 2.4L (KA24E) 4-Cyl Engine Code Location  
Courtesy of Nissan Motor Co., U.S.A.



## 3.0L (VG30DE & VG30E) V6

Fig. 4: 3.0L (VG30DE & VG30E) 4-Cyl Engine Code Location  
Courtesy of Nissan Motor Co., U.S.A.