

## OIL AND FILTER INSPECTION

LU08N-04

### 1. CHECK ENGINE OIL QUALITY

Check the oil for deterioration, entry of water, discoloring or thinning.

If the quality is visibly poor, replace the oil.

#### Oil grade:

**API grade SL Energy-Conserving or ILSAC multi-grade engine oil.**

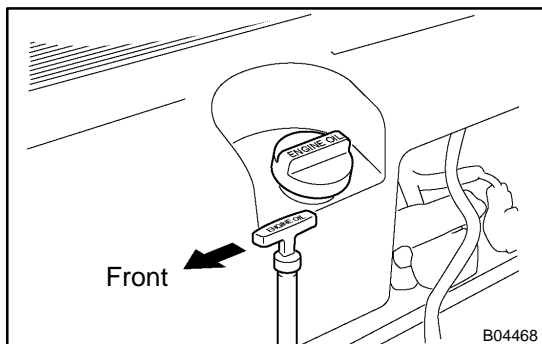
### 2. CHECK ENGINE OIL LEVEL

The oil level should be between the "L" and "F" marks on the dipstick.

If low, check for leakage and add oil up to the "F" mark.

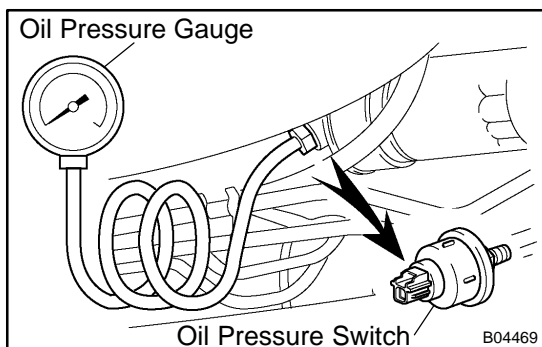
#### NOTICE:

- ★ Do not fill with engine oil above the "F" mark.



- ★ Install the oil dipstick facing the direction shown in the illustration.

### 3. REMOVE ENGINE UNDER COVER NO.1



### 4. REMOVE OIL PRESSURE SWITCH

### 5. INSTALL OIL PRESSURE GAUGE

### 6. WARM UP ENGINE

Allow the engine to warm up to normal operating temperature.

### 7. CHECK OIL PRESSURE

#### Oil pressure:

**At idle: 29 kPa (0.3 kgf/cm<sup>2</sup>, 4.2 psi) or more**

**At 3,000 rpm:**

**294 - 588 kPa (3.0 - 6.0 kgf/cm<sup>2</sup>, 43 - 85 psi)**

### 8. REMOVE OIL PRESSURE GAUGE

### 9. REINSTALL OIL PRESSURE SWITCH

- (a) Apply adhesive to 2 or 3 threads of the oil pressure switch.

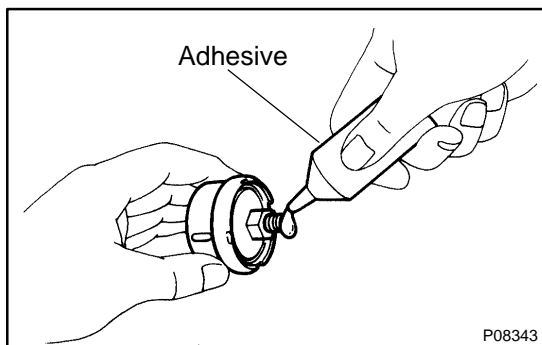
#### Adhesive:

**Part No. 08833-00080, THREE BOND 1344, LOCTITE 242 or equivalent**

- (b) Reinstall the oil pressure switch.

### 10. START ENGINE, AND CHECK FOR ENGINE OIL LEAKS

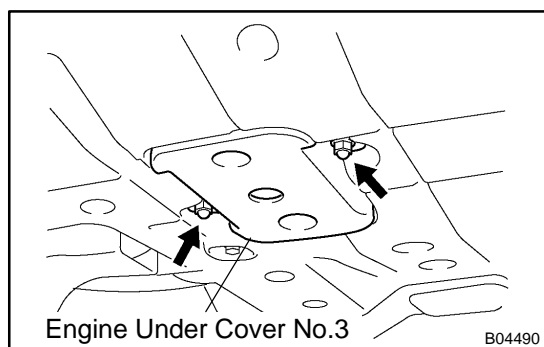
### 11. REINSTALL ENGINE UNDER COVER NO.1



## REPLACEMENT

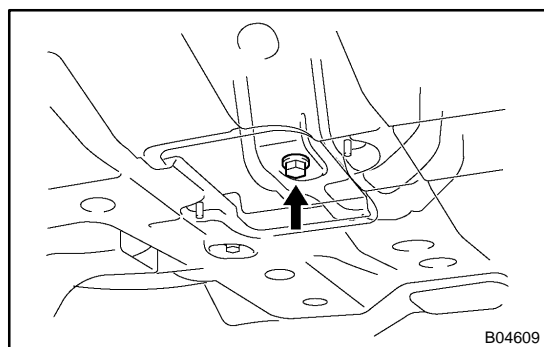
### CAUTION:

- ★ Prolonged and repeated contact with mineral oil will result in the removal of natural fats from the skin, leading to dryness, irritation and dermatitis. In addition, used engine oil contains potentially harmful contaminants which may cause skin cancer.
- ★ Care should be taken, therefore, when changing engine oil to minimize the frequency and length of time your skin is exposed to used engine oil. Protective clothing and gloves that cannot be penetrated by oil should be worn. The skin should be thoroughly washed with soap and water, or use water-less hand cleaner, to remove any used engine oil. Do not use gasoline, thinners, or solvents.
- ★ In order to preserve the environment, used oil and used oil filters must be disposed of only at designated disposal sites.



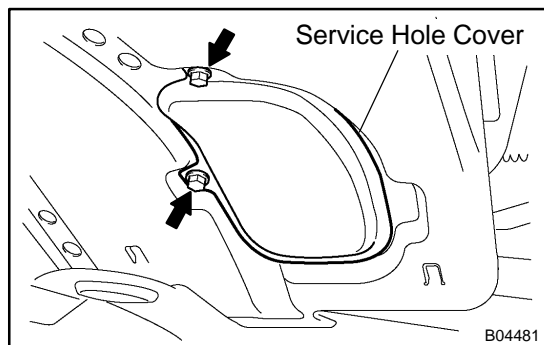
### 1. DRAIN ENGINE OIL

- (a) Remove the 2 nuts and engine under cover No.3.



- (b) Remove the oil filler cap.

- (c) Remove the oil drain plug, and drain the oil into a container.



### 2. REPLACE OIL FILTER

- (a) Remove the 2 bolts and service hole cover.