

# OIL AND FILTER INSPECTION

LU010-06

## 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

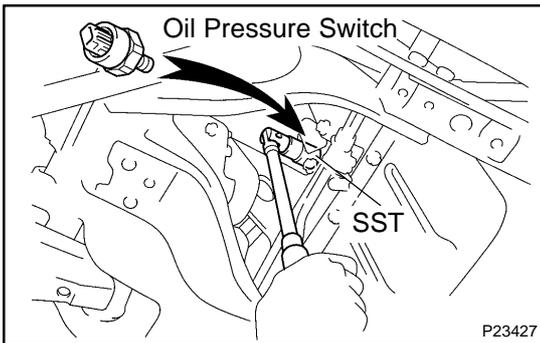
After warming up the engine and then 5 minutes after the engine stop, the oil level should be between the low level and full level marks on the dipstick.

If low, check for leakage and add oil up to the full level mark.

**NOTICE:**

**Do not fill with engine oil above the full level mark.**

## 3. REMOVE ENGINE UNDER COVER



## 4. REMOVE OIL PRESSURE SWITCH

Using SST, remove the oil pressure switch.

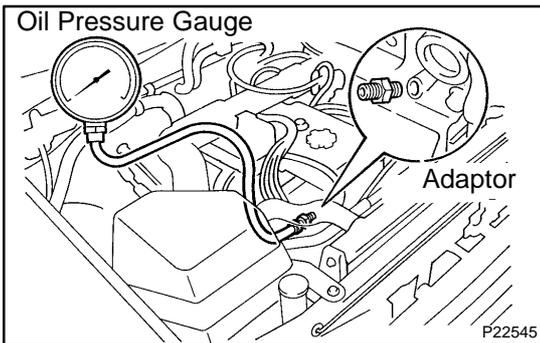
SST 09268-46021

## 5. INSTALL OIL PRESSURE GAUGE

Install an oil pressure gauge to an adaptor.

## 6. WARM UP ENGINE

Allow the engine to warm up to normal operating temperature.

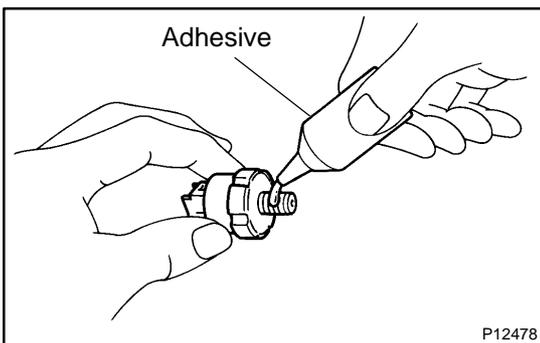


## 7. CHECK OIL PRESSURE

**Oil pressure:**

at idle	29 kPa (0.3 kgf/cm <sup>2</sup> , 4.3 psi) or more
at 3,000 rpm	245 - 490 kPa (2.5 - 5.0 kgf/cm <sup>2</sup> , 36 - 71 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) Using SST, install the oil pressure switch.

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## 10. REINSTALL ENGINE UNDER COVER

## 11. START ENGINE AND CHECK FOR LEAKS