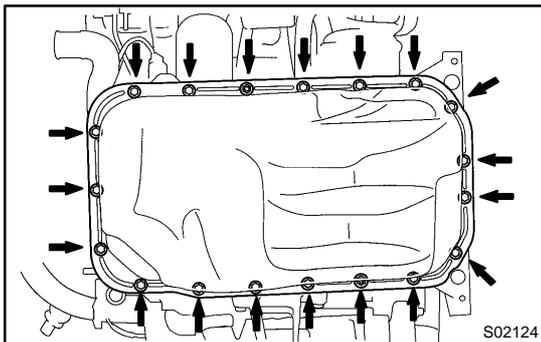


## REMOVAL

### HINT:

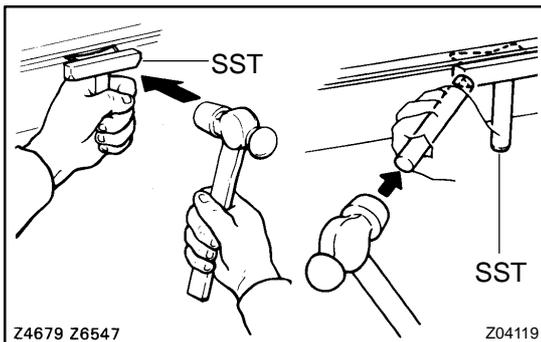
When repairing the oil pump, the oil pan and strainer should be removed and cleaned.

1. **REMOVE CRANKSHAFT TIMING PULLEY**  
(See page [EM-13](#))
2. **4WD:**  
**REMOVE FRONT DIFFERENTIAL** (See page [SA-47](#))
3. **DRAIN ENGINE OIL**
4. **A/T:**  
**REMOVE OIL COOLER TUBE AND CLAMP**  
(A340E: See page [AT-24](#))  
(A340F: See page [AT-30](#))
5. **REMOVE REAR END COVER AND DUST COVER**
6. **DISCONNECT STARTER WIRE CLAMP**
7. **REMOVE CRANKSHAFT POSITION SENSOR**



### 8. REMOVE OIL PAN

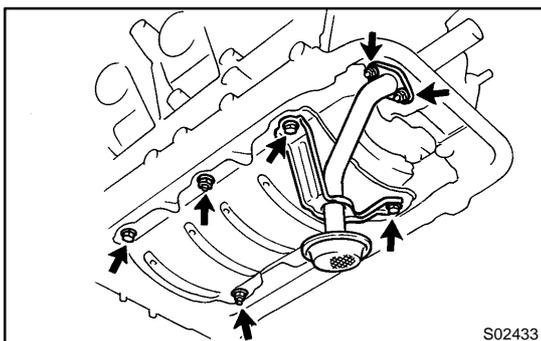
- (a) Remove the 17 bolts and 2 nuts.



- (b) Using SST and a brass bar, separate the oil pan from the cylinder block.  
SST 09032-00100

### HINT:

When removing the oil pan, be careful not to damage the oil pan flange.

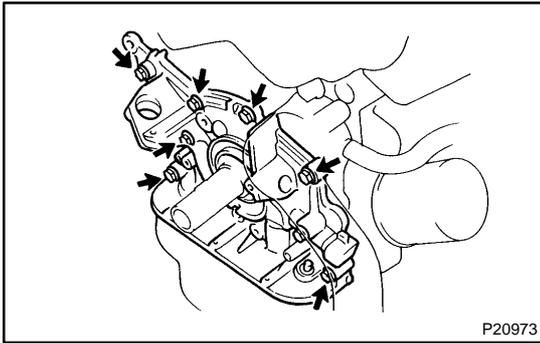


### 9. REMOVE OIL STRAINER

Remove the 2 bolt, 2 nuts and oil strainer and gasket.

### 10. REMOVE OIL PAN BAFFLE PLATE.

Remove the bolt, 2 nuts baffle plate.

**11. REMOVE OIL PUMP**

- (a) Remove the 8 bolts, ground strap and oil pump.
- (b) Using a plastic-faced hammer, carefully tap out the oil pump body.
- (c) Remove the O-ring from the cylinder block.