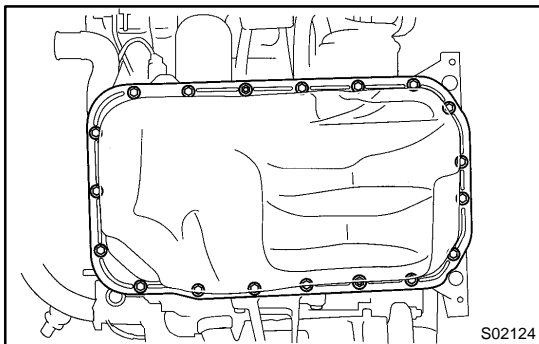


REMOVAL

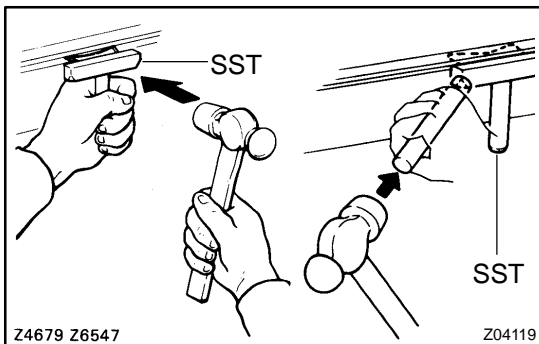
HINT:

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-29](#))
3. **DRAIN ENGINE OIL**
4. **A/T:**
REMOVE OIL COOLER TUBE AND CLAMP
(A340E:See page [AT-19](#))
(A340F:See page [AT-22](#))
5. **REMOVE REAR END COVER AND DUST COVER**
6. **DISCONNECT STARTER WIRE CLAMP**
7. **REMOVE CRANKSHAFT POSITION SENSOR**
(See page [IG-12](#))



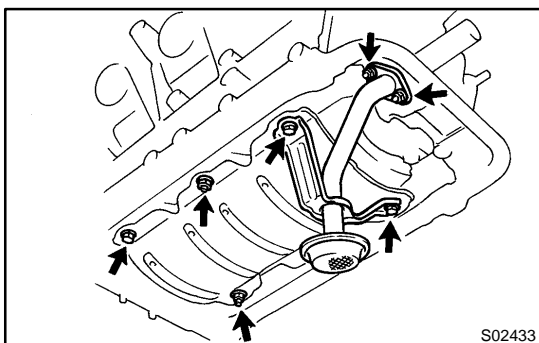
8. **REMOVE OIL PAN**
(a) Remove the 17 bolts and 2 nuts.



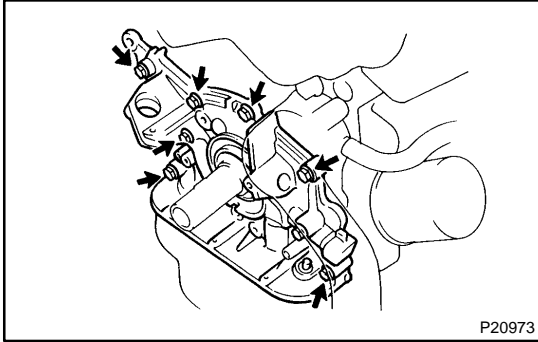
- (b) Using SST and a brass bar, separate the oil pan from the cylinder block.
SST 09032-00100

HINT:

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



9. **REMOVE OIL STRAINER**
Remove the bolt, 3 nuts and oil strainer and gasket.
10. **REMOVE OIL PAN BAFFLE PLATE**
Remove the bolt, 2 nuts and oil pan baffle plate.

**11. REMOVE OIL PUMP**

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