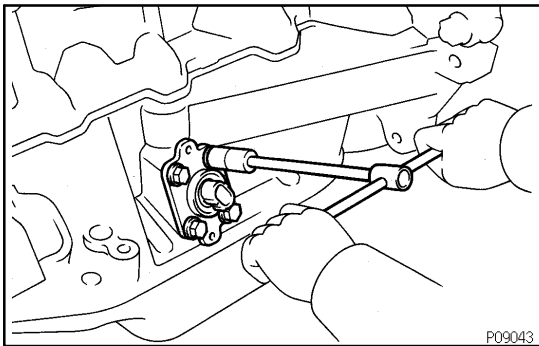


REMOVAL

HINT:

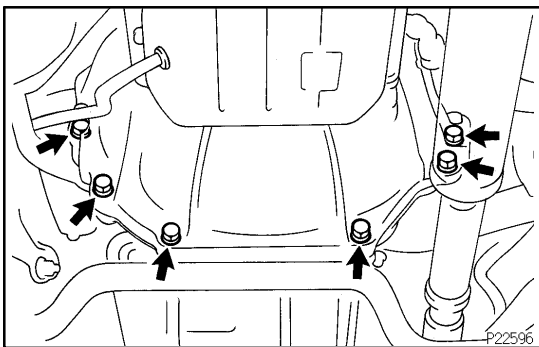
When repairing the oil pump, the oil pan and strainer should be removed and cleaned.

1. **DRAIN ENGINE OIL**
2. **REMOVE ENGINE UNDER COVER**
3. **DRAIN ENGINE COOLANT**
4. **REMOVE RADIATOR (See CO-14)**
5. **DISCONNECT A/C COMPRESSOR AND BRACKET (See page EM-67)**
6. **REMOVE RADIATOR PIPE (See page EM-12)**
7. **REMOVE WATER PUMP (See page CO-4)**
8. **REMOVE CYLINDER HEAD (See EM-25)**
9. **DISCONNECT OIL COOLER PIPE BRACKET FROM NO.1 OIL PAN**



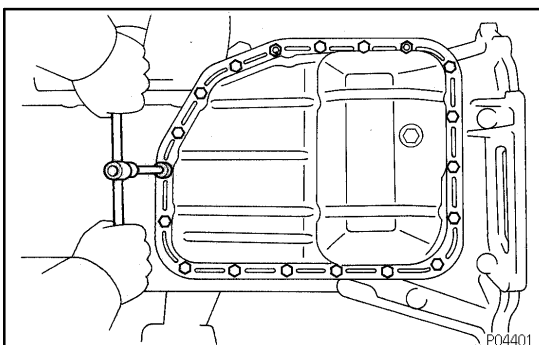
10. REMOVE OIL LEVEL SENSOR

- (a) Remove the 4 bolts and level sensor.
- (b) Remove the gasket from the level sensor.



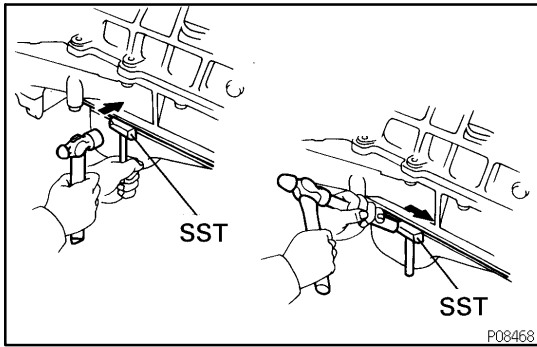
11. REMOVE BOLTS HOLDING NO.1 OIL PAN TO TRANSMISSION HOUSING

Remove the 6 bolts.



12. REMOVE NO.2 OIL PAN

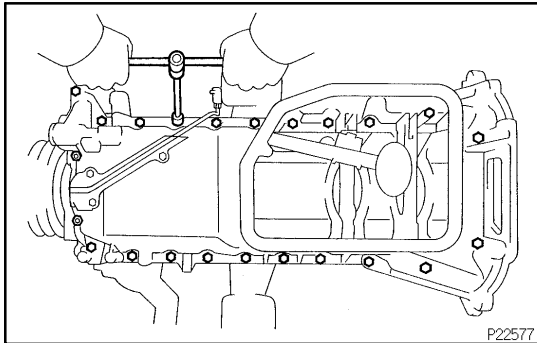
- (a) Remove the 17 mounting bolts and 2 nuts.



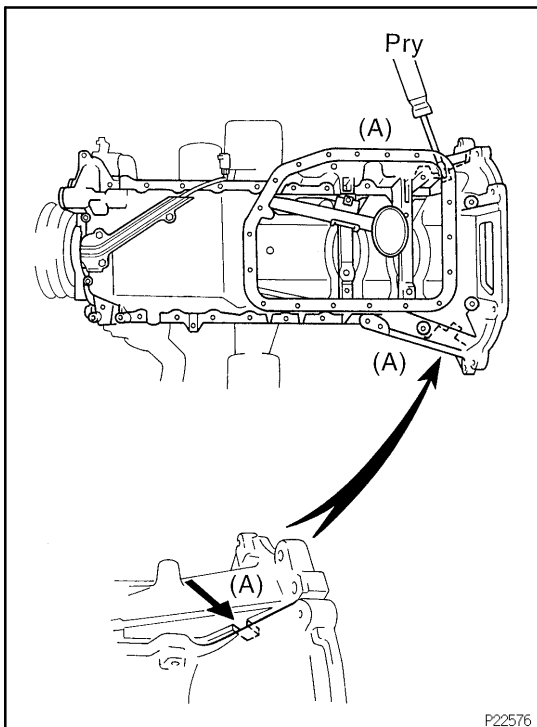
- (b) Insert the blade of SST between the No.1 and No.2 oil pans, cut off applied sealer and remove the No.2 oil pan.
SST 09032-00100

NOTICE:

Be careful not to damage the No.2 oil pan contact surface of the No.1 oil pan. Be careful not to damage the oil pan flange.

**13. REMOVE NO.1 OIL PAN**

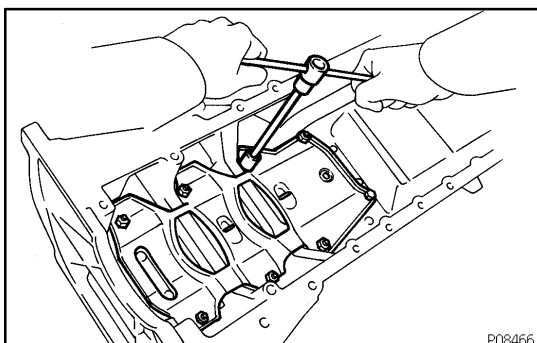
- (a) Remove the 21 mounting bolts and 2 nuts.



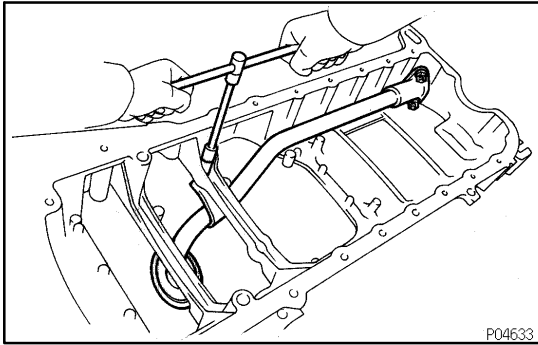
- (b) Remove the No.1 oil pan by prying the portions (A) between the cylinder block and No.1 oil pan with a screwdriver.

NOTICE:

Be careful not to damage the contact surfaces of the cylinder block and No.1 oil pan.

**14. REMOVE OIL PAN BAFFLE PLATE**

Remove the bolt, 7 nuts and baffle plate.

**15. REMOVE OIL STRAINER**

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

16. REMOVE OIL PUMP (TIMING CHAIN COVER) (See page [EM-12](#))**17. REMOVE TIMING CHAIN AND CAMSHAFT TIMING GEAR**