LU0PA–01

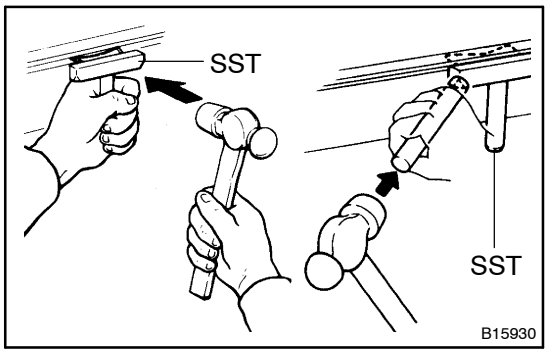
REMOVAL

HINT:

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

1. **DRAIN ENGINE COOLANT**
2. **DRAIN ENGINE OIL**
3. **REMOVE TIMING BELT AND PULLEYS (See page EM–14)**
4. **REMOVE TIMING GEARS (See page EM–24)**
5. **REMOVE WATER PUMP (See page CO–4)**
6. **REMOVE SUPPLY PUMP**

Remove the 2 nuts, supply pump and O–ring.



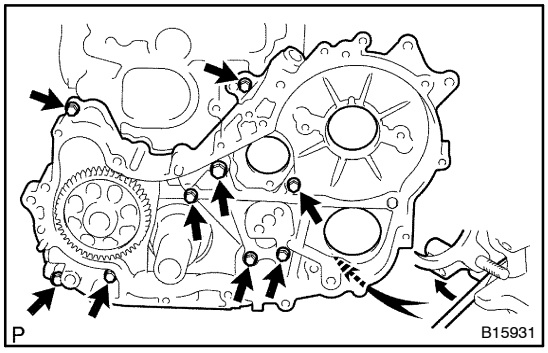
7. **REMOVE OIL PAN**

(a) Remove the 22 bolts and 2 nuts.

(b) Insert the blade of SST between the oil pan and cylinder block, and cut off applied sealer and remove the oil pan.
SST 09032–00100

NOTICE:

- **Do not use SST for the timing gear case side and rear oil seal retainer.**
- **Be careful not to damage the oil pan flange.**



8. **REMOVE TIMING GEAR CASE (WITH OIL PUMP)**

(a) Remove the union bolt and 8 bolts.

(b) Pry the gear case as shown in the illustration, and remove the gear case, driven rotor and gasket.

(c) Remove the 2 O–rings.

9. **REMOVE OIL STRAINER**

Remove the 2 bolts, 2 nuts and oil strainer.