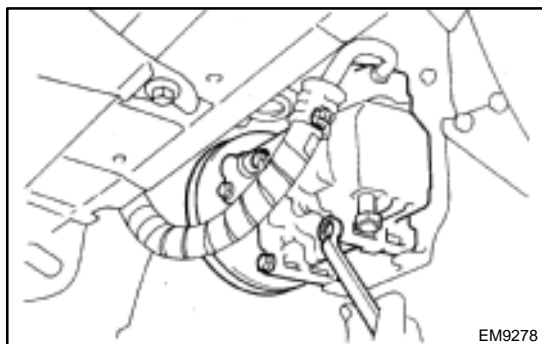
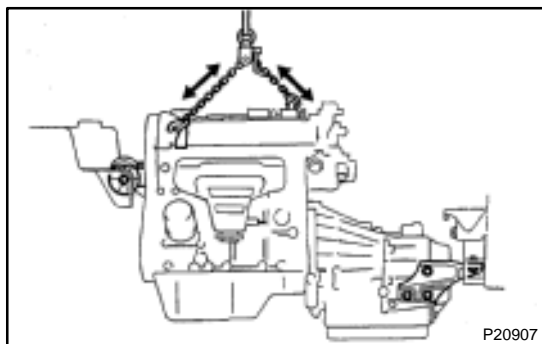


## REMOVAL

### HINT:

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

1. **REMOVE HOOD**
2. **REMOVE OIL DIPSTICK**
3. **DRAIN ENGINE OIL**
4. **REMOVE TIMING BELT**  
(See page [EM-13](#))
5. **SUSPEND ENGINE WITH ENGINE SLING DEVICE**
6. **REMOVE CRANKSHAFT TIMING PULLEY**  
(See page [EM-13](#))

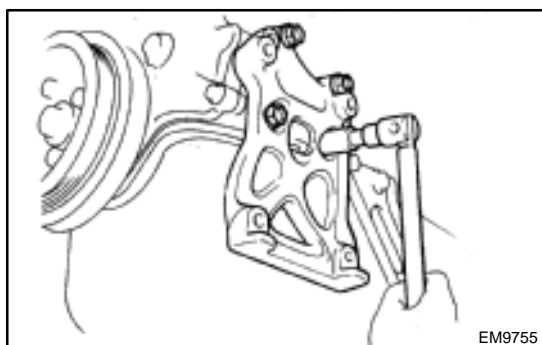


7. **w/ A/C:**  
**REMOVE A/C COMPRESSOR AND MOUNTING BRACKET**

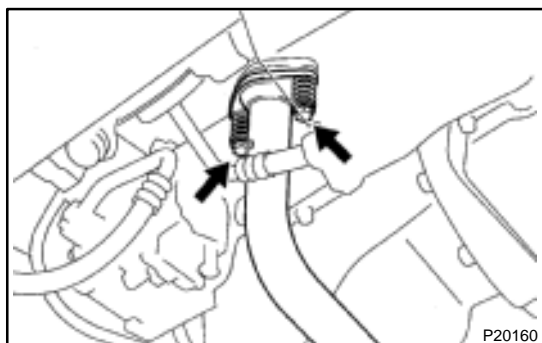
- (a) Disconnect the compressor connector.
- (b) Remove the 4 compressor mounting bolts.

### HINT:

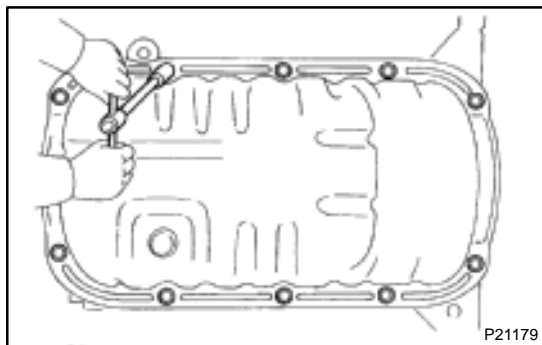
Put a side compressor, and suspend it.



- (c) Remove the 4 bolts and compressor mounting bracket.

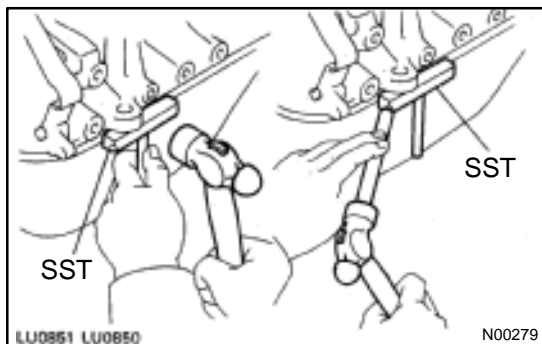


8. **DISCONNECT FRONT EXHAUST PIPE**
  - (a) Remove the 2 bolts and the 2 compression springs.
  - (b) Disconnect the exhaust pipe.



## 9. REMOVE OIL PAN

- (a) Remove the 10 bolts.

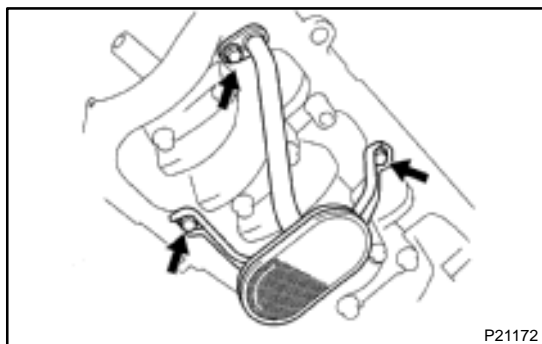


- (b) Insert the SST blade between the cylinder block and oil pan, cut off applied sealer and then remove the oil pan.

SST 09032-00100

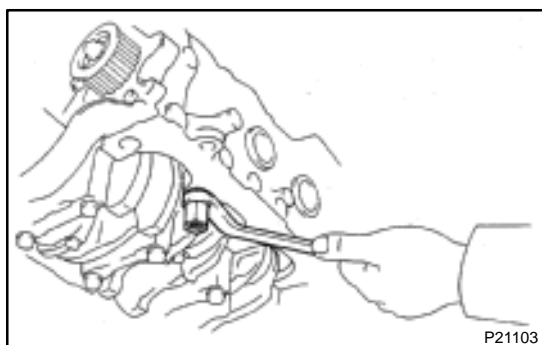
### NOTICE:

Do not use SST for the oil pump body side and rear oil seal retainer. Be careful not to damage the oil pan flange.

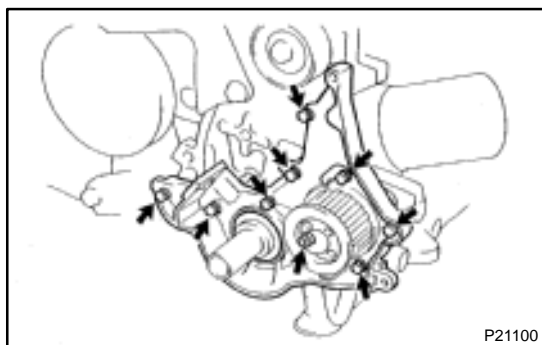


## 10. REMOVE OIL STRAINER

Remove the 3 bolts and oil strainer with the O-ring.



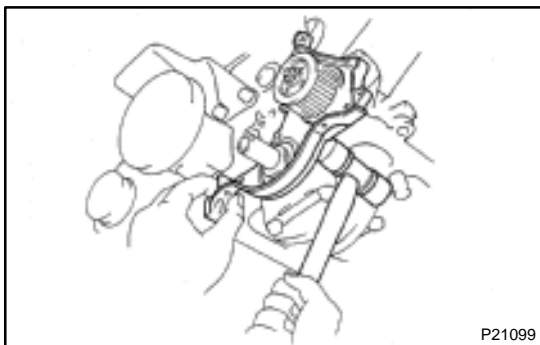
## 11. REMOVE PRESSURE REGULATOR VALVE



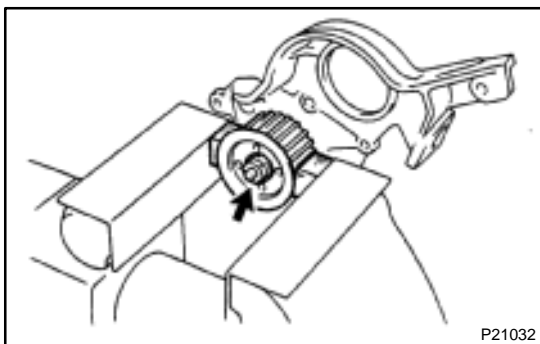
## 12. REMOVE OIL PUMP AND OIL PUMP PULLEY

- (a) Remove the 9 bolts and tension spring bracket.

## LUBRICATION – OIL PUMP



- (b) Using a soft-faced hammer, carefully tap off the oil pump.
- (c) Remove the oil pump body and O-ring.



- (d) Using a vise, remove the nut and oil pump pulley.