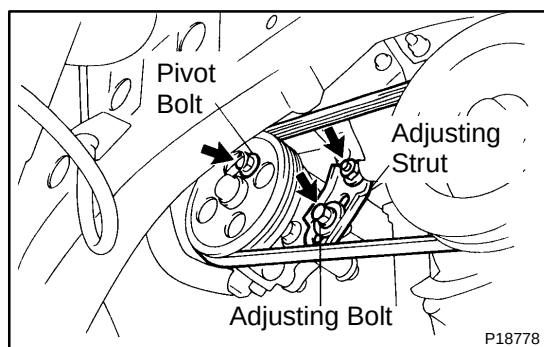


REMOVAL

HINT:

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

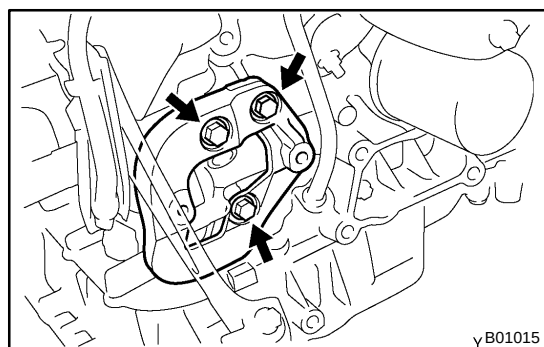
1. DRAIN ENGINE OIL
2. REMOVE OUTER FR COWL TOP PANEL ASSEMBLY
(See page [EM-33](#))
3. REMOVE RH FRONT WHEEL
4. REMOVE RH FENDER APRON SEAL
5. REMOVE FRONT EXHAUST PIPE
(See page [EM-76](#))
6. REMOVE GENERATOR FROM ENGINE
(See page [CH-7](#))
7. REMOVE A/C COMPRESSOR FROM ENGINE
(See page [EM-76](#))



8. REMOVE PS PUMP DRIVE BELT AND ADJUSTING STRUT

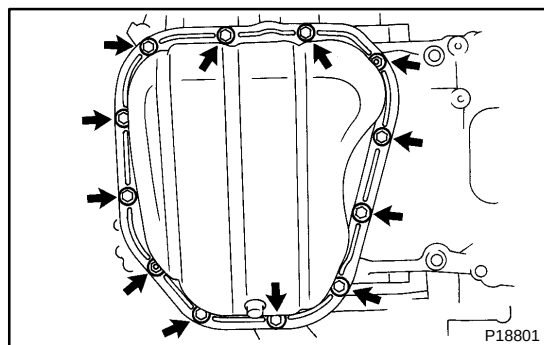
- (a) Loosen the pivot and adjusting bolts, and remove the drive belt.
- (b) Remove the bolt, nut and adjusting strut.

9. REMOVE TIMING BELT (See page [EM-16](#))
10. REMOVE TIMING PULLEYS (See page [EM-16](#))
11. REMOVE NO.3 TIMING BELT COVER
(See page [EM-33](#))



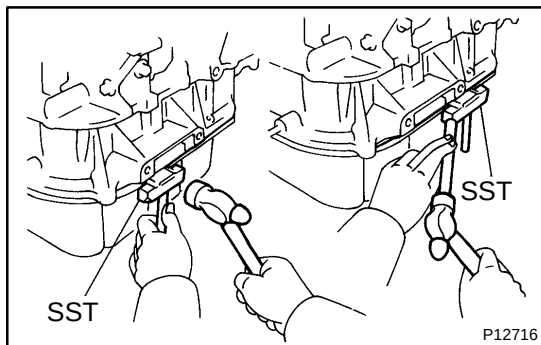
12. REMOVE A/C COMPRESSOR HOUSING BRACKET

Remove the 3 bolts and housing bracket.



13. REMOVE NO.2 OIL PAN

- (a) Remove the 10 bolts and 2 nuts.

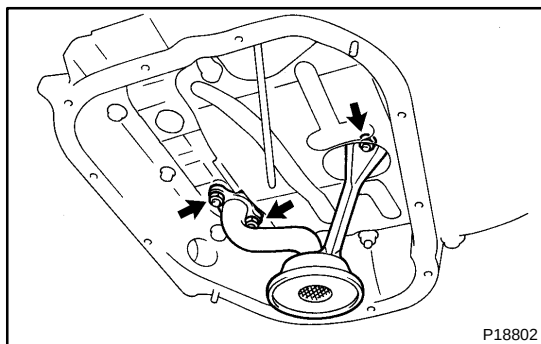


- (b) Insert the blade of SST between the No.1 and No.2 oil pans, and cut off applied sealer and remove the No.1 oil pan.

SST 09032-00100

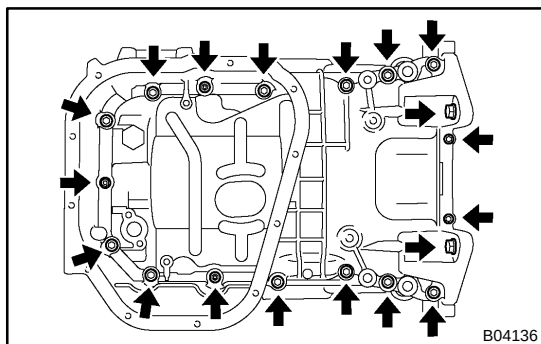
NOTICE:

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



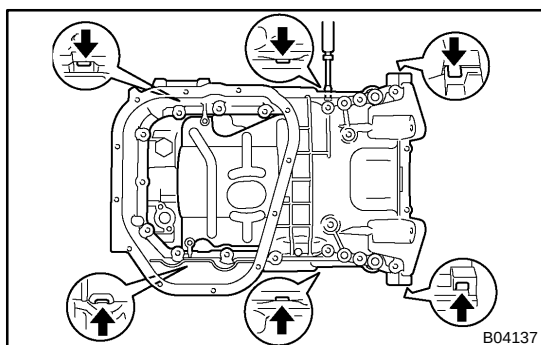
14. REMOVE OIL STRAINER

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



15. REMOVE NO.1 OIL PAN

- (a) Remove the 2 bolts and No.1 exhaust pipe support bracket.
- (b) Remove the 17 bolts and 2 nuts.



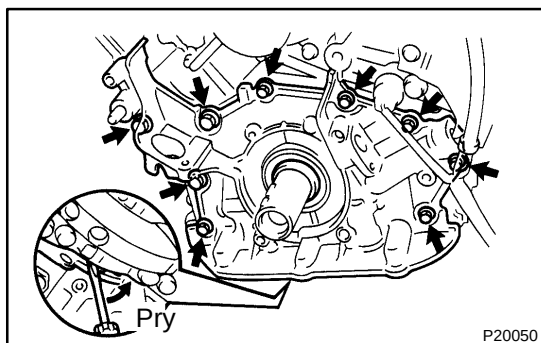
- (c) Using a screwdriver, remove the oil pan by prying the portions between the cylinder block and oil pan.

NOTICE:

Be careful not to damage the contact surfaces of the cylinder block and oil pan.

16. REMOVE BAFFLE PLATE FROM NO.1 OIL PAN

17. REMOVE CRANKSHAFT POSITION SENSOR



18. REMOVE OIL PUMP

- (a) Remove the 9 bolts.
- (b) Remove the oil pump by prying a screwdriver between the oil pump and main bearing cap.
- (c) Remove the O-ring.