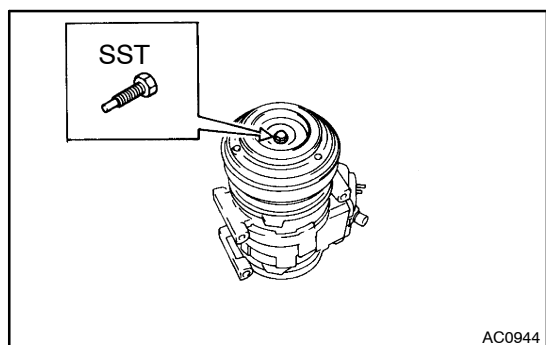


DISASSEMBLY

1. DISASSEMBLE MAGNETIC CLUTCH

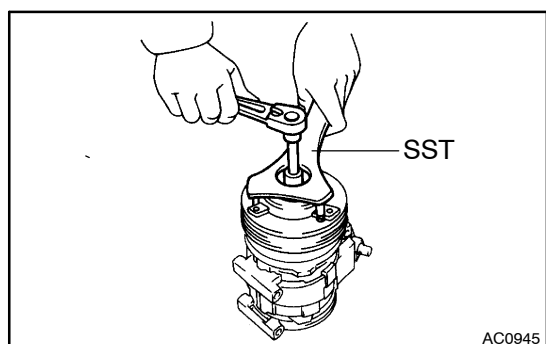
- (a) Remove the pressure plate.
- (1) Using SST and a socket wrench, remove the shaft bolt.

SST 07112 -76060



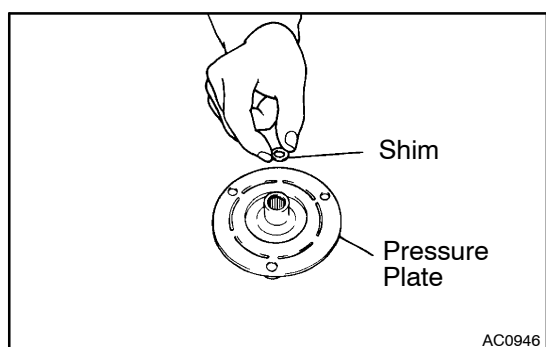
- (2) Install SST on the pressure plate.

SST 07112 -66040

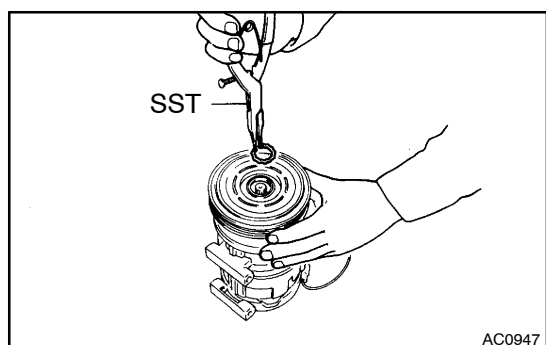


- (3) Using SST and a socket wrench, remove the pressure plate.

SST 07112 -66040, 07112 -76060



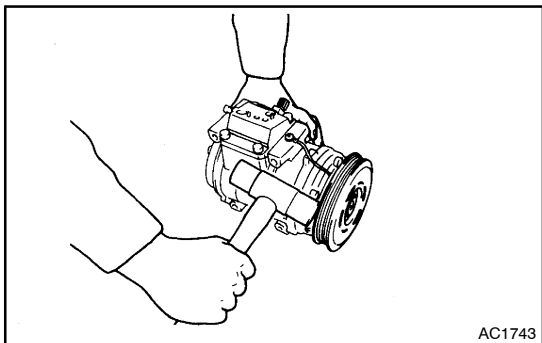
- (4) Remove the shims from the pressure plate.



- (b) Remove the rotor.

- (1) Using SST, remove the snap ring.

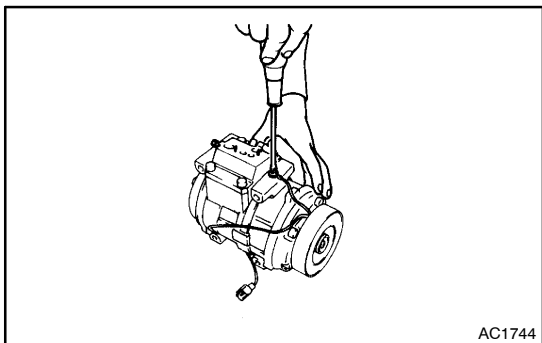
SST 07114 -84020



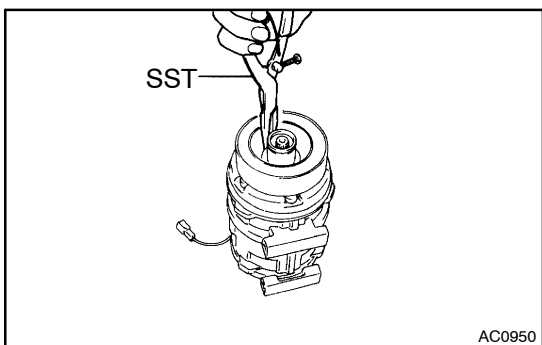
- (2) Using a plastic hammer, tap the rotor off the shaft.

NOTICE:

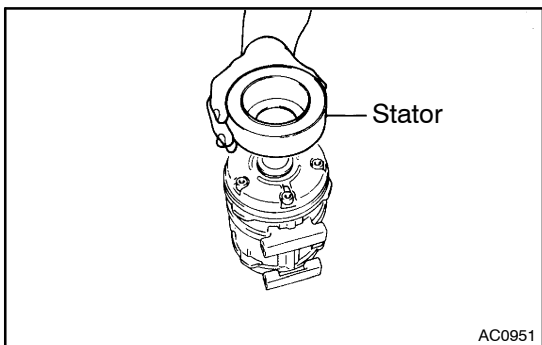
Be careful not to damage the pulley when tapping on the rotor.



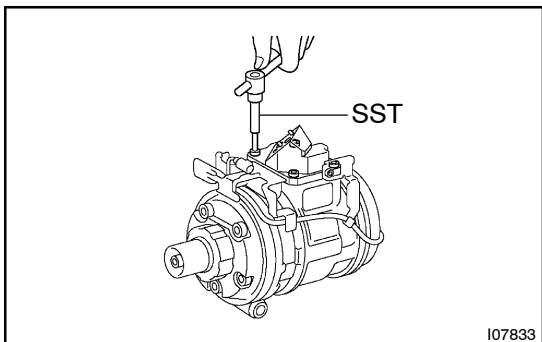
- (c) Remove the stator.
- (1) Disconnect the stator lead wire from the compressor.



- (2) Using SST, remove the snap ring.
SST07114 –84020

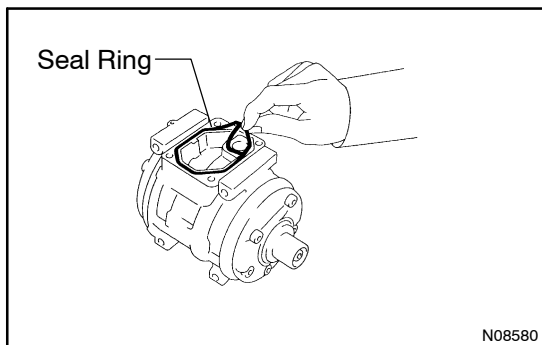


- (3) Remove the stator.

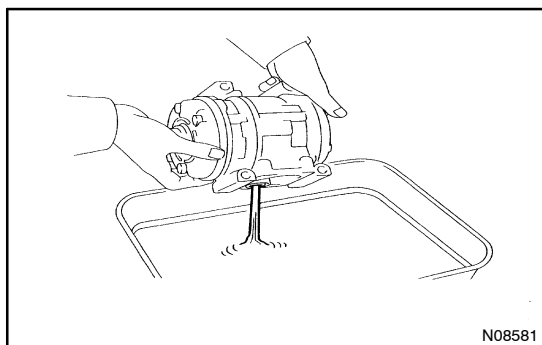


2. DISASSEMBLE COMPRESSOR

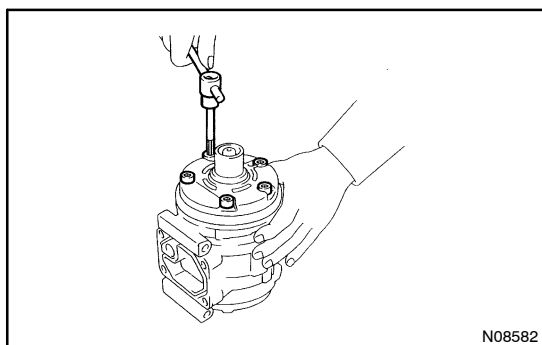
- (a) Remove the service valve.
- (1) G.C.C. Countries:
Disconnect the connector and connector clamp.
- (2) Using a screwdriver, disconnect the No. 3 terminal from the connector housing.
- (3) Using SST, remove the 4 bolts and service valve.
SST07110 –61050



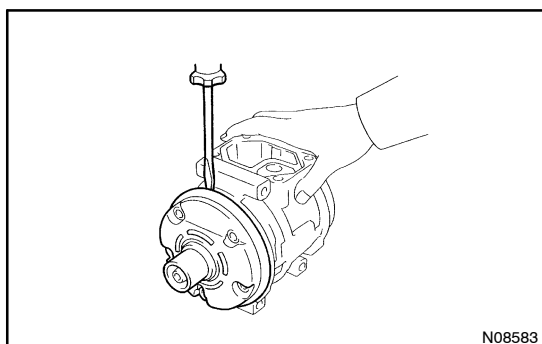
- (4) Remove the seal ring from the cylinder block.
- (5) Discard the seal ring.



- (b) Drain compressor oil into the measuring flask.
Measure quantity of drained oil because the same amount should be replaced later.

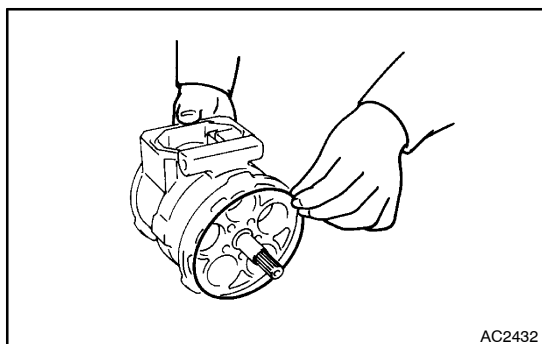


- (c) Remove the front housing.
- (1) using SST, remove the 5 through bolts and 5 washers
SST 0711061050

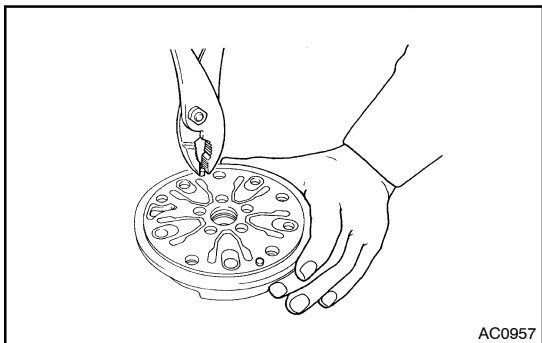


- (2) Using a screwdriver, remove the front housing.

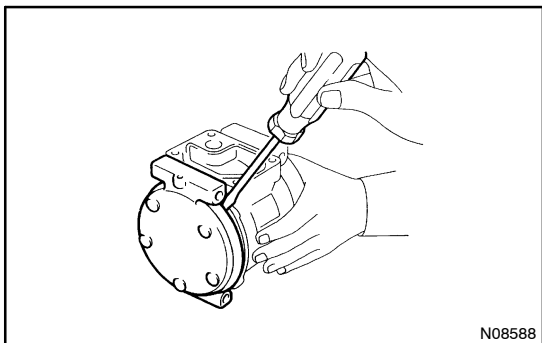
NOTICE:
Be careful not to scratch the sealing surface of the front housing.



- (3) Remove the O-ring.
- (4) Discard the O-ring.



- (d) Remove the 2 pins.
Using pliers, pull out the 2 pins from front housing.
- (e) Remove the these parts from the front housing:
 - (1) Suction reed valve
 - (2) Front valve plate
 - (3) Discharge reed valve
 - (4) Gasket

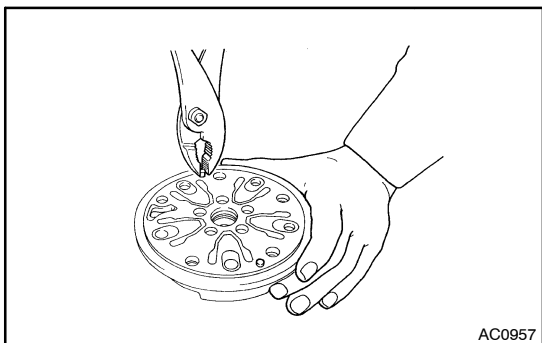


- (f) Remove the rear housing.
 - (1) Using a screwdriver, remove the rear housing.

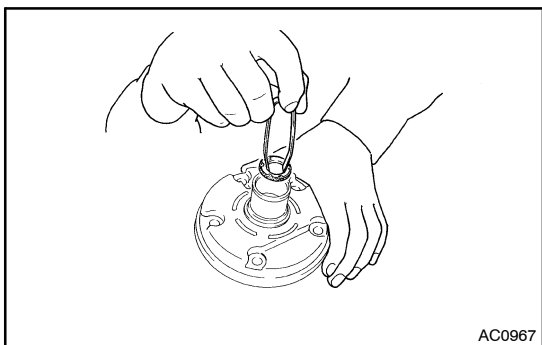
NOTICE:

Be careful not to scratch the sealing surface of the front housing.

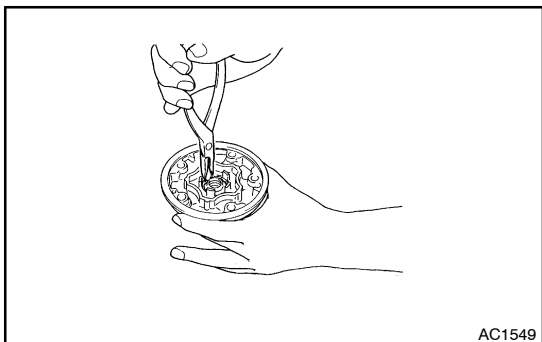
- (2) Remove the O-ring.
- (3) Discard the O-ring.



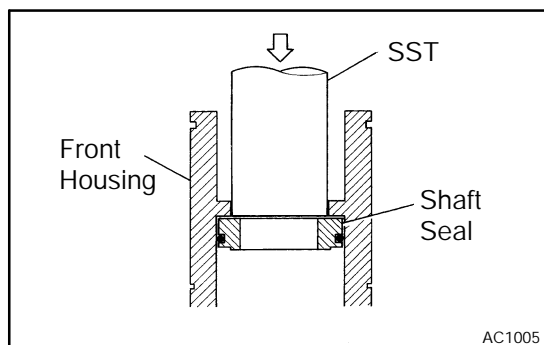
- (g) Remove the 2 pins.
Using pliers, pull out the 2 pins from front housing.
- (h) Remove the these parts from the front housing:
 - (1) Suction reed valve
 - (2) Front valve plate
 - (3) Discharge reed valve
 - (4) Gasket



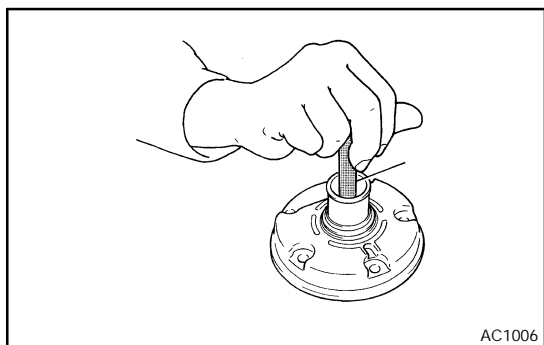
- (i) Remove the felt.
Using SST, pull out the felt.
SST07112 –15020



- (j) Remove the shaft seal
 - (1) Using SST, remove the snap ring.
SST07114 –84010



- (2) Set SST on the shaft seal.
SST 07112-85030



- (3) Push SST and remove the shaft seal.