

Last Modified: 7-13-2007		1.7 A
Service Category: Vehicle Interior	Section: Heating/Air Conditioning	
Model Year: 2008	Model: ES350	Doc ID: RM000002DHB003X
Title: AIR CONDITIONING: COMPRESSOR AND MAGNETIC CLUTCH: REMOVAL (2008 ES350)		

REMOVAL

1. RECOVER REFRIGERANT FROM REFRIGERATION SYSTEM [INFO](#)
2. DISCONNECT CABLE FROM NEGATIVE BATTERY TERMINAL
3. REMOVE FRONT WHEEL RH
4. REMOVE FRONT FENDER APRON SEAL RH
5. REMOVE COOL AIR INTAKE DUCT SEAL [INFO](#)
6. REMOVE ENGINE ROOM SIDE COVER LH [INFO](#)
7. REMOVE ENGINE ROOM SIDE COVER RH [INFO](#)
8. REMOVE V-BANK COVER SUB-ASSEMBLY [INFO](#)
9. REMOVE FRONT WHEEL OPENING EXTENSION PAD LH
10. REMOVE FRONT WHEEL OPENING EXTENSION PAD RH
11. REMOVE ENGINE UNDER COVER LH
12. REMOVE ENGINE UNDER COVER RH
13. DRAIN ENGINE COOLANT [INFO](#)
14. REMOVE AIR CLEANER CAP SUB-ASSEMBLY [INFO](#)
15. REMOVE NO. 2 AIR CLEANER INLET
16. REMOVE NO. 1 AIR CLEANER INLET
17. REMOVE FRONT BUMPER ASSEMBLY [INFO](#)
18. REMOVE FRONT BUMPER ENERGY ABSORBER
19. REMOVE MILLIMETER WAVE RADAR SENSOR ASSEMBLY (w/ Dynamic Radar Cruise Control System) [INFO](#)
20. SEPARATE RADIATOR RESERVE TANK HOSE [INFO](#)
21. DISCONNECT RADIATOR HOSE INLET [INFO](#)

22. DISCONNECT RADIATOR HOSE OUTLET INFO

23. DISCONNECT NO. 1 OIL COOLER INLET HOSE INFO

24. DISCONNECT NO. 1 OIL COOLER OUTLET HOSE INFO

25. REMOVE RADIATOR SUPPORT UPPER INFO

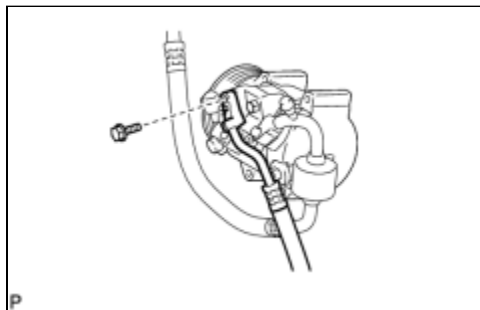
26. REMOVE FAN SHROUD INFO

27. REMOVE RADIATOR ASSEMBLY INFO

28. REMOVE V-RIBBED BELT INFO

29. REMOVE GENERATOR ASSEMBLY INFO

30. DISCONNECT NO. 1 COOLER REFRIGERANT DISCHARGE HOSE



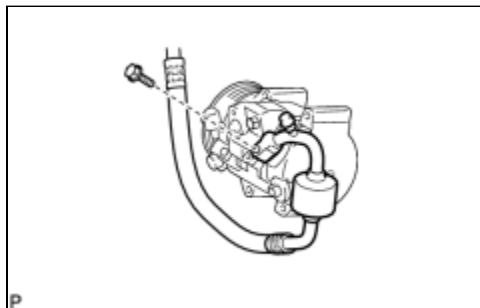
(a) Remove the bolt and disconnect the No. 1 cooler refrigerant discharge hose from the compressor and pulley.

(b) Remove the O-ring from the No. 1 cooler refrigerant discharge hose.

NOTICE:

Seal the openings of the disconnected parts using vinyl tape to prevent entry of moisture and foreign matter.

31. DISCONNECT NO. 1 COOLER REFRIGERANT SUCTION HOSE



(a) Remove the bolt and disconnect the No. 1 cooler refrigerant suction hose from the compressor and pulley.

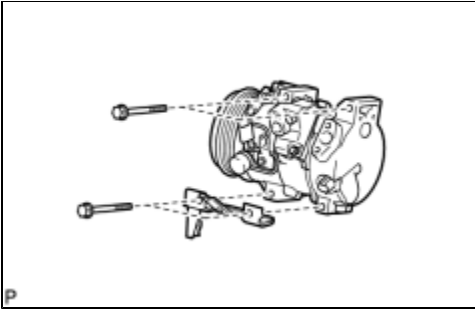
(b) Remove the O-ring from the No. 1 cooler refrigerant suction hose.

NOTICE:

Seal the openings of the disconnected parts using vinyl tape to prevent entry of moisture and foreign matter.

32. REMOVE COMPRESSOR AND MAGNETIC CLUTCH

(a) Disconnect the magnetic clutch connector.



(b) Remove the 4 bolts.

(c) Remove the compressor and magnetic clutch.

