

Last Modified: 4-10-2009	5.6 A	From: 200508
Model Year: 2006	Model: IS250	Doc ID: RM000001OV7000X
Title: AIR CONDITIONING: AIR CONDITIONING UNIT: REMOVAL (2006 IS250 IS350)		

REMOVAL

1. ALIGN FRONT WHEELS FACING STRAIGHT AHEAD

2. REMOVE COOL AIR INTAKE DUCT SEAL

3. REMOVE ENGINE ROOM SIDE COVER LH

4. REMOVE ENGINE ROOM SIDE COVER RH

5. DISCHARGE REFRIGERANT FROM REFRIGERATION

- (a) Start up the engine.
- (b) Turn the A/C switch on.
- (c) Operate the cooler compressor at an engine rpm of approximately 1,000 for 5 to 6 minutes to circulate the refrigerant and collect compressor oil remaining in each component into the cooler compressor as much as possible.
- (d) Stop the engine.
- (e) Using SST, let the refrigerant gas out.

SST: 07110-58060

07117-58060
07117-58070
07117-58080
07117-58090
07117-78050
07117-88060
07117-88070
07117-88080

6. DISCONNECT CABLE FROM NEGATIVE BATTERY

CAUTION:

Wait for 90 seconds after disconnecting the cable to prevent airbag deployment 

7. REMOVE FRONT UPPER FENDER PROTECTOR LH

8. REMOVE FRONT UPPER FENDER PROTECTOR RH

9. REMOVE ROOF DRIP SIDE FINISH MOULDING LH

10. REMOVE ROOF DRIP SIDE FINISH MOULDING RH INFO

11. REMOVE FRONT WIPER ARM HEAD CAP INFO

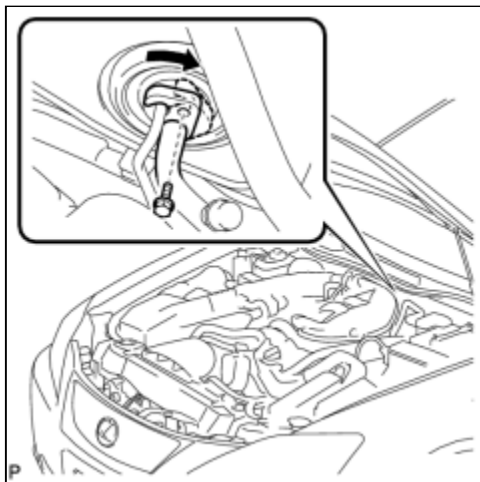
12. REMOVE FRONT WIPER ARM AND BLADE ASSEMBLY LH INFO

13. REMOVE FRONT WIPER ARM AND BLADE ASSEMBLY RH INFO

14. REMOVE COWL TOP VENTILATOR LOUVER SUB-ASSEMBLY INFO

15. REMOVE WINDSHIELD WIPER MOTOR AND LINK ASSEMBLY INFO

16. SEPARATE SUCTION PIPE SUB-ASSEMBLY



(a) Remove the bolt, and slide the hook connector.

(b) Disconnect the suction pipe sub-assembly.

(c) Remove the O-ring from the suction pipe sub-assembly.

NOTICE:

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

17. SEPARATE LIQUID TUBE SUB-ASSEMBLY

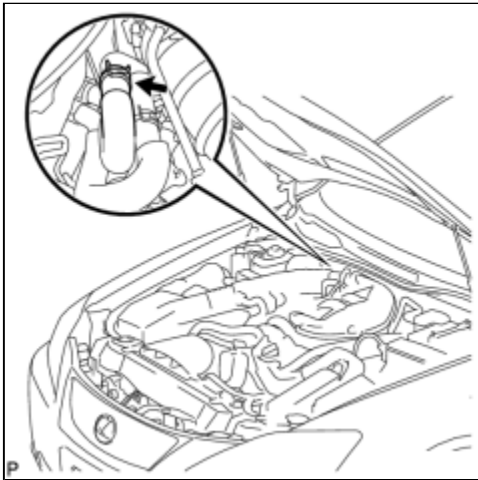
(a) Disconnect the liquid tube sub-assembly.

(b) Remove the O-ring from the liquid tube sub-assembly.

NOTICE:

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

18. REMOVE HEATER WATER OUTLET HOSE



- (a) Using pliers, grip the claws of the clip and slide the clip to disconnect the heater water outlet hose.

19. REMOVE HEATER WATER INLET HOSE

HINT:

Disconnection of the heater water outlet hose is the same as for the heater water inlet hose.

20. REMOVE SHIFT LEVER KNOB SUB-ASSEMBLY (for Automatic Transmission)

INFO

21. REMOVE SHIFT LEVER KNOB SUB-ASSEMBLY (for Manual Transmission)

INFO

22. REMOVE UPPER NO. 1 CONSOLE PANEL GARNISH (for Automatic Transmission)

INFO

23. REMOVE UPPER NO. 2 CONSOLE PANEL GARNISH (for Automatic Transmission)

INFO

24. REMOVE CONSOLE PANEL SUB-ASSEMBLY (for Automatic Transmission)

INFO

25. REMOVE REAR CONSOLE PANEL SUB-ASSEMBLY (for Manual Transmission)

INFO

26. REMOVE FRONT CONSOLE PANEL SUB-ASSEMBLY (for Manual Transmission)

INFO

27. REMOVE FRONT ASH RECEPTACLE SUB-ASSEMBLY

INFO

28. REMOVE CONSOLE BOX REGISTER ASSEMBLY





















INFO

29. REMOVE CONSOLE BOX

INFO

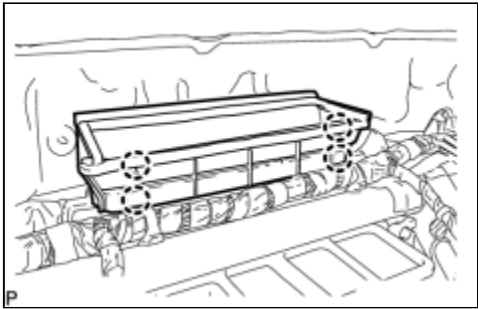
30. REMOVE NO. 3 INSTRUMENT PANEL REGISTER ASSEMBLY

INFO

31. REMOVE CENTER LOWER INSTRUMENT CLUSTER FINISH PANEL 
32. REMOVE MULTI-DISPLAY WITH RADIO RECEIVER ASSEMBLY (w/ Navigation System) 
33. REMOVE INTEGRATION CONTROL PANEL WITH RADIO RECEIVER ASSEMBLY (w/o Navigation System) 
34. REMOVE LOWER NO. 2 STEERING WHEEL COVER 
35. REMOVE LOWER NO. 3 STEERING WHEEL COVER 
36. REMOVE STEERING PAD 
37. REMOVE STEERING WHEEL ASSEMBLY 
38. REMOVE STEERING COLUMN COVER (for Power Tilt and Power Telescopic Steering Column) 
39. REMOVE STEERING COLUMN COVER (for Manual Tilt and Manual Telescopic Steering Column) 
40. REMOVE TURN SIGNAL SWITCH ASSEMBLY WITH SPIRAL CABLE SUB-ASSEMBLY 
41. REMOVE FRONT DOOR SCUFF PLATE LH (w/o Illumination) 
42. REMOVE FRONT DOOR SCUFF PLATE LH (w/ Illumination) 
43. REMOVE FRONT DOOR OPENING TRIM COVER LH 
44. REMOVE SIDE INSTRUMENT PANEL LH 
45. REMOVE NO. 1 INSTRUMENT PANEL UNDER COVER SUB-ASSEMBLY 
46. REMOVE LOWER INSTRUMENT PANEL FINISH PANEL SUB-ASSEMBLY 
47. REMOVE DRIVER SIDE KNEE AIRBAG ASSEMBLY 
48. REMOVE INSTRUMENT CLUSTER FINISH PANEL SUB-ASSEMBLY 
49. REMOVE COMBINATION METER ASSEMBLY 
50. REMOVE FRONT DOOR SCUFF PLATE RH (w/o Illumination) 

51. REMOVE FRONT DOOR SCUFF PLATE RH (w/ Illumination) [INFO](#)
52. REMOVE FRONT DOOR OPENING TRIM COVER RH [INFO](#)
53. REMOVE SIDE INSTRUMENT PANEL RH [INFO](#)
54. REMOVE NO. 2 INSTRUMENT PANEL UNDER COVER SUB-ASSEMBLY [INFO](#)
55. REMOVE FRONT PASSENGER SIDE KNEE AIRBAG ASSEMBLY [INFO](#)
56. REMOVE GLOVE COMPARTMENT DOOR ASSEMBLY [INFO](#)
57. REMOVE FRONT PILLAR GARNISH LH [INFO](#)
58. REMOVE FRONT PILLAR GARNISH RH [INFO](#)
59. REMOVE NO. 1 INSTRUMENT PANEL REGISTER ASSEMBLY [INFO](#)
60. REMOVE NO. 2 INSTRUMENT PANEL REGISTER ASSEMBLY [INFO](#)
61. REMOVE NO. 3 INSTRUMENT PANEL SPEAKER PANEL SUB-ASSEMBLY [INFO](#)
62. REMOVE FRONT STEREO COMPONENT SPEAKER ASSEMBLY (w/ Front Center Speaker) [INFO](#)
63. REMOVE NO. 2 CONSOLE BOX DUCT (for Automatic Transmission) [INFO](#)
64. REMOVE NO. 1 CONSOLE BOX DUCT (for Automatic Transmission) [INFO](#)
65. REMOVE NO. 2 CONSOLE BOX DUCT (for Manual Transmission) [INFO](#)
66. DISCONNECT PASSENGER AIRBAG CONNECTOR
67. REMOVE INSTRUMENT PANEL SAFETY PAD ASSEMBLY [INFO](#)
68. REMOVE NO. 1 AIR DUCT [INFO](#)
69. REMOVE STEERING SLIDING YOKE SUB-ASSEMBLY (for 2WD) [INFO](#)
70. REMOVE NO. 2 STEERING INTERMEDIATE SHAFT ASSEMBLY (for 4WD) [INFO](#)
71. REMOVE STEERING COLUMN ASSEMBLY (for Manual Tilt) [INFO](#)
72. REMOVE STEERING COLUMN ASSEMBLY (for Power Tilt and Power Telescopic Steering Column) [INFO](#)

73. REMOVE DEFROSTER NOZZLE LOWER ASSEMBLY

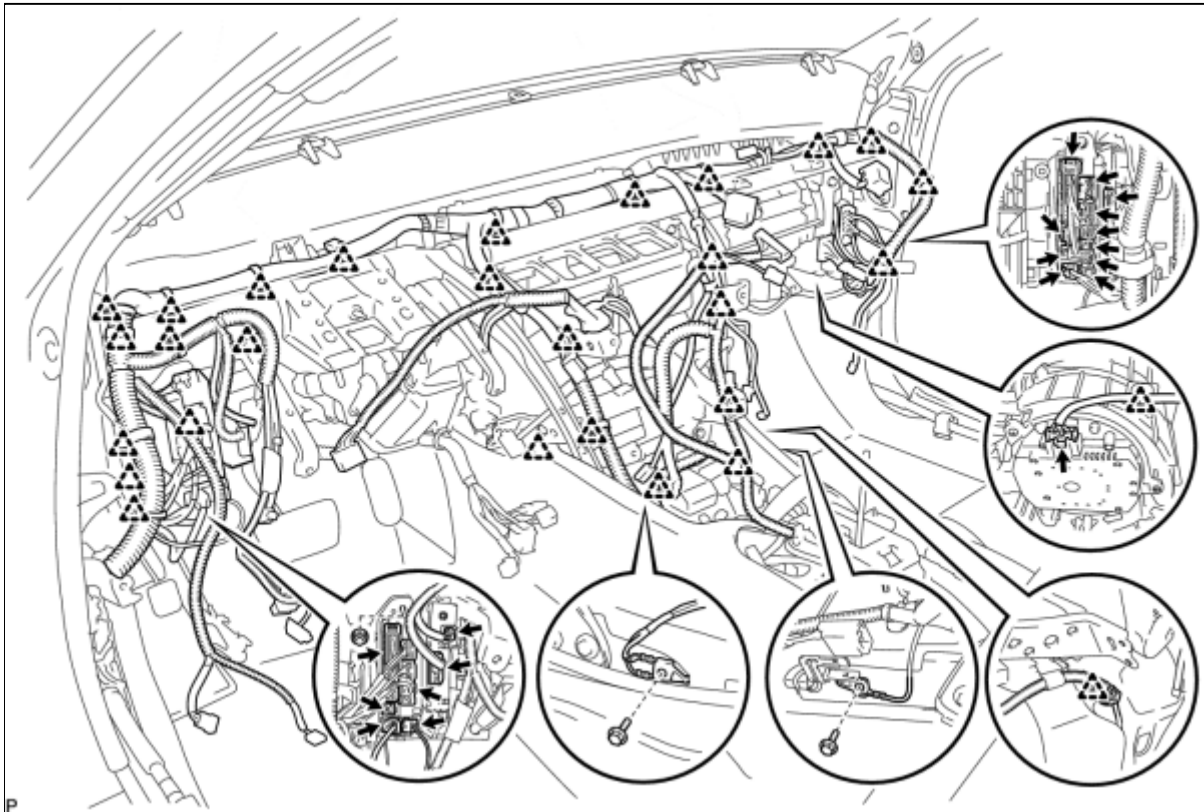


(a) Release the 4 claws and remove the defroster nozzle lower assembly.

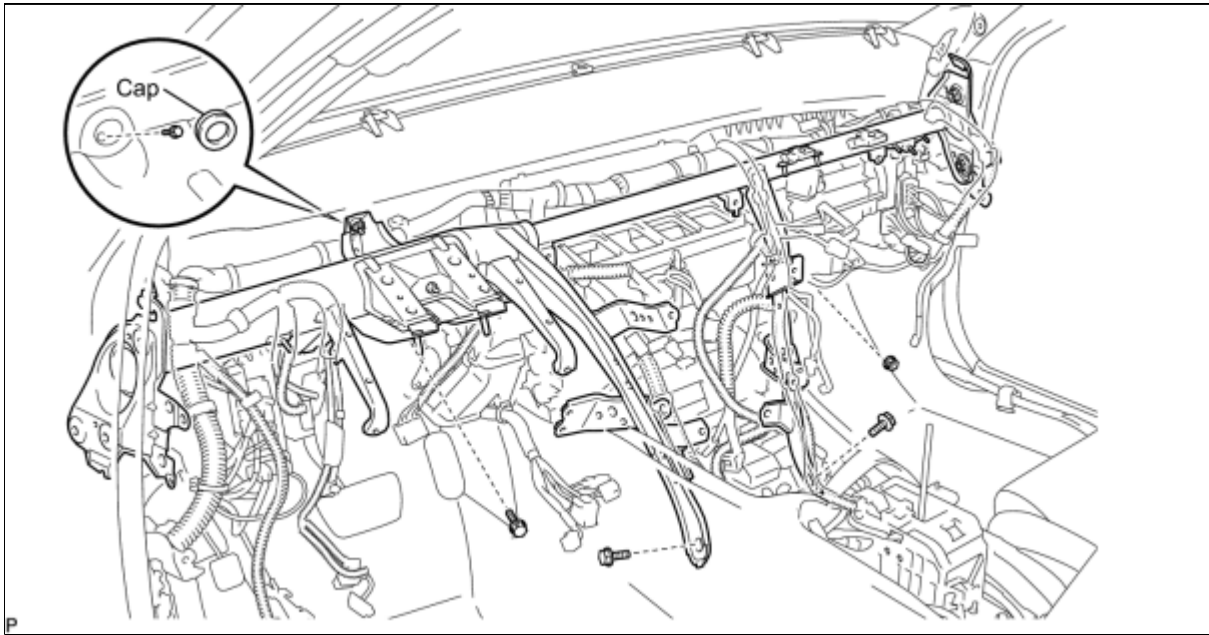
74. REMOVE IMMOBILISER CODE ECU

75. REMOVE INSTRUMENT PANEL REINFORCEMENT ASSEMBLY

- (a) Remove the 27 clamps and 19 connectors, and then disconnect the wire harness.
- (b) Remove the 2 nuts, 2 bolts and 2 junction blocks.



(c) Remove the cap and bolt.



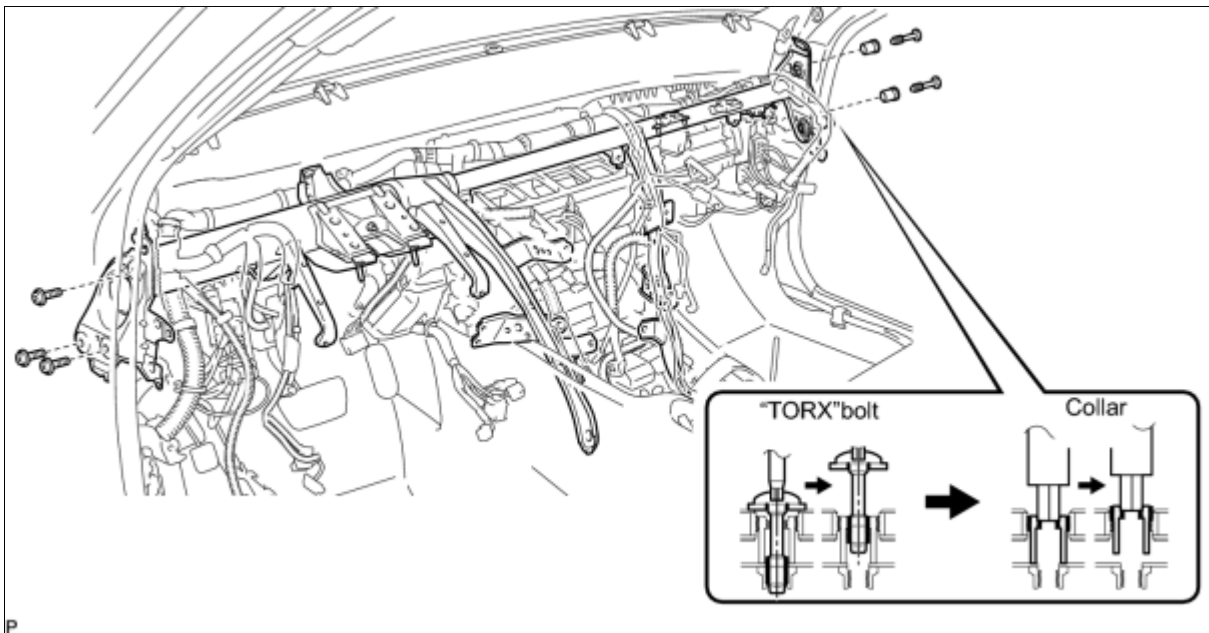
(d) Remove the 3 bolts and nut.

(e) Using a T40 "torx" socket, remove the 5 "torx" bolts.

NOTICE:

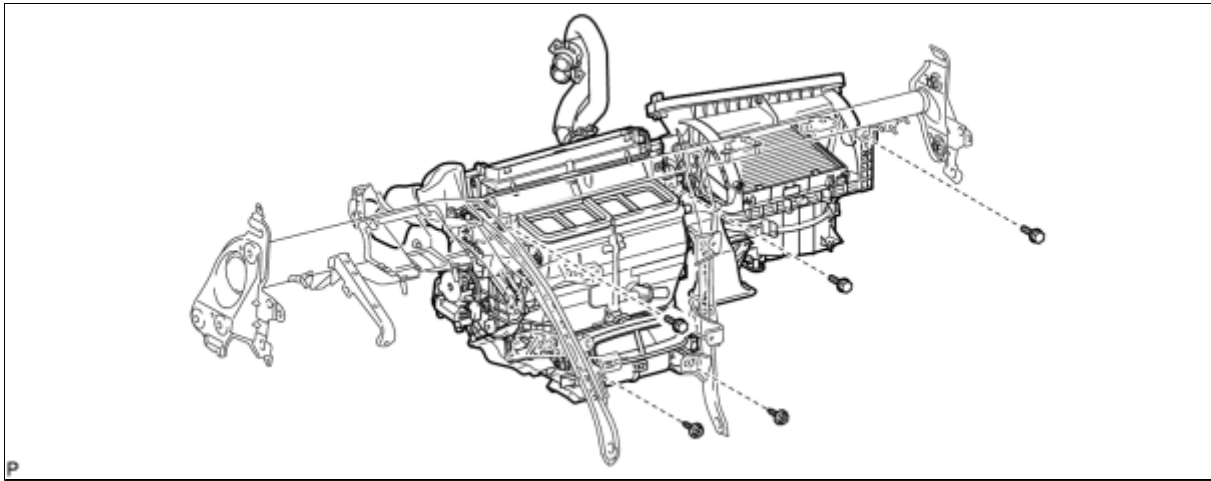
The "torx" bolts on the passenger side can be removed with the collar for adjustment.

(f) Using a 12 mm hexagon wrench, remove the 2 collars and instrument panel reinforcement.

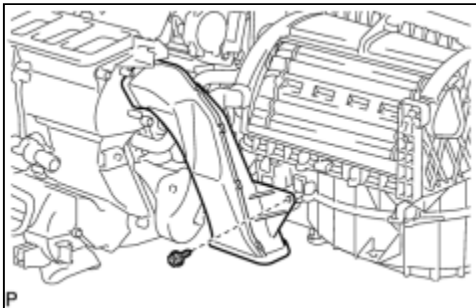


76. REMOVE AIR CONDITIONER UNIT ASSEMBLY

(a) Remove the 2 screws, 3 bolts, and air conditioner unit assembly.



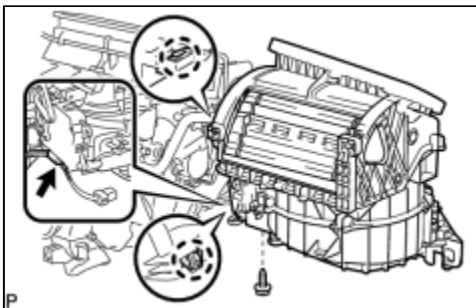
77. REMOVE NO. 2 AIR DUCT



(a) Remove the screw and No. 2 air duct.

78. REMOVE AIR CONDITIONING AMPLIFIER ASSEMBLY INFO

79. REMOVE BLOWER ASSEMBLY



(a) Disconnect the connector.

(b) Remove the screw.

(c) Release the claw and remove the blower assembly.

