

Evaporator Core**Material**

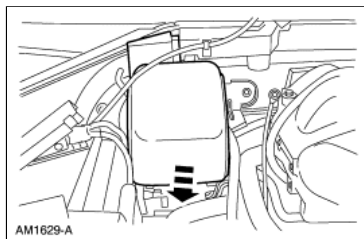
Item	Specification
PAG Refrigerant Compressor Oil (R-134a Systems) F7AZ-19589-DA (Motorcraft YN-12-C)	WSH-M1C231-B
MERPOL®	ESE-M99B144-B

Removal and Installation

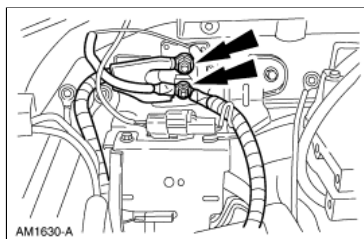
NOTE: If an A/C evaporator core leak is suspected, the A/C evaporator core must be leak tested before it is removed from the vehicle. For additional information, refer to Component Tests in [Section 412-00](#).

NOTE: Installation of a new suction accumulator is not required when repairing the air conditioning system except when there is physical evidence of system contamination from a failed A/C compressor or damage to the suction accumulator.

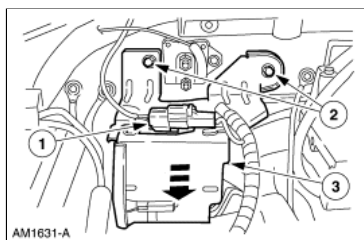
1. Recover the refrigerant. For additional information, refer to [Section 412-00](#).
2. Remove the instrument panel. For additional information, refer to [Section 501-12](#).
3. Remove the junction box splash shield, if equipped.



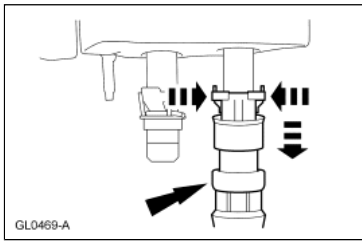
4. Disconnect the cable ends.



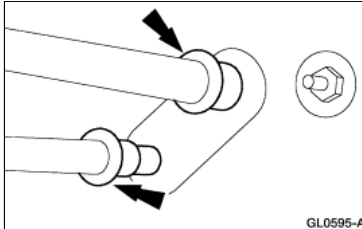
5. Remove the junction block bracket.
 1. Disconnect the electrical connector.
 2. Remove the screws.
 3. Detach the pin-type retainers and remove the junction block bracket.



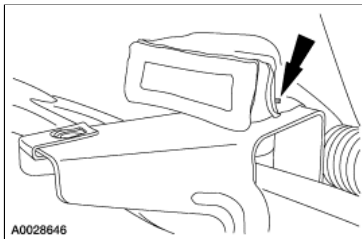
6. Using suitable tools, clamp off the heater core inlet and outlet hoses.
7. Gently push each heater hose towards the heater core, compress the clip, and disconnect the heater hoses from the heater core. For additional information, refer to [Section 412-00](#).



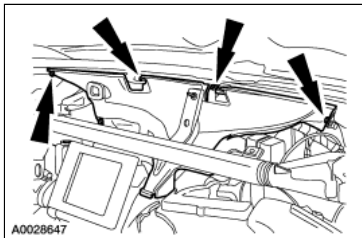
8. Disconnect the refrigerant spring lock couplings from the evaporator inlet and outlet. For additional information, refer to [Section 412-00](#).



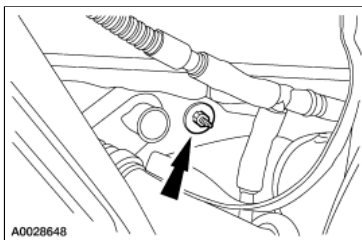
9. Remove the screw and the RH demister adapter.



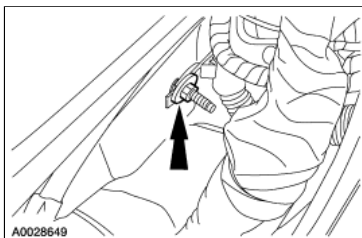
10. Remove the screws and remove the defroster duct and LH demister adapter as an assembly.



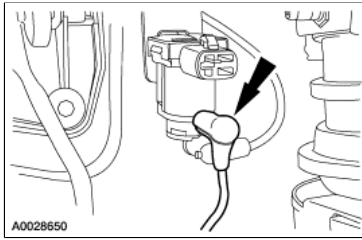
11. Remove the nut.



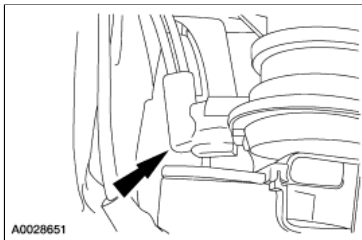
12. Remove the nut.



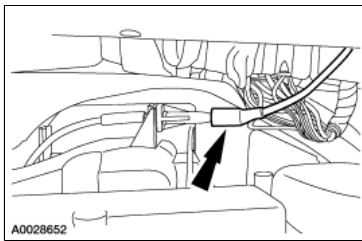
13. Disconnect the vacuum line from the parking brake release solenoid.



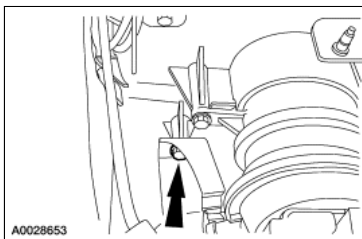
14. Disconnect the vacuum connector from the panel/floor vacuum control motor.



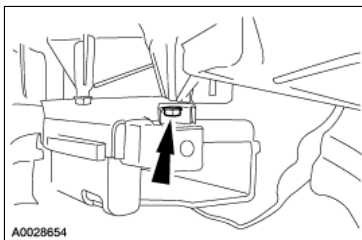
15. Disconnect the vacuum line.



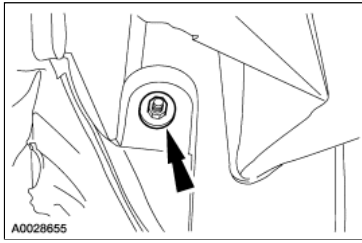
16. Remove the screw.



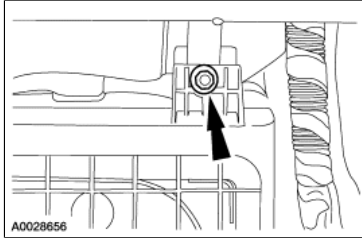
17. Remove the screw.



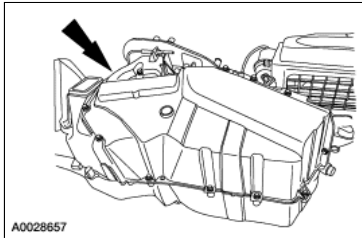
18. Remove the nut.



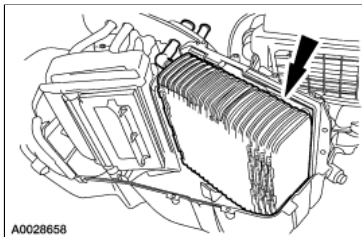
19. Remove the nut.



20. Remove the heater core and evaporator core housing.
 21. Remove the 15 screws and the heater core and evaporator core housing cover.



22. Remove the evaporator core.



23. To install, reverse the removal procedure.
- Clean and lubricate the heater hoses with coolant hose lubricant or plain water only, if needed.
 - Lubricate the refrigerant system with the correct amount of clean PAG oil or equivalent. For additional information, refer to [Section 412-00](#).
 - Install new O-ring seals lubricated with clean PAG oil or equivalent.
24. Evacuate, leak test and charge the refrigerant system. For additional information refer to [Section 412-00](#).
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