

2022 CHEVROLET CORVETTE SERVICE MANUAL

- **SEARCH**

1. **HVAC**

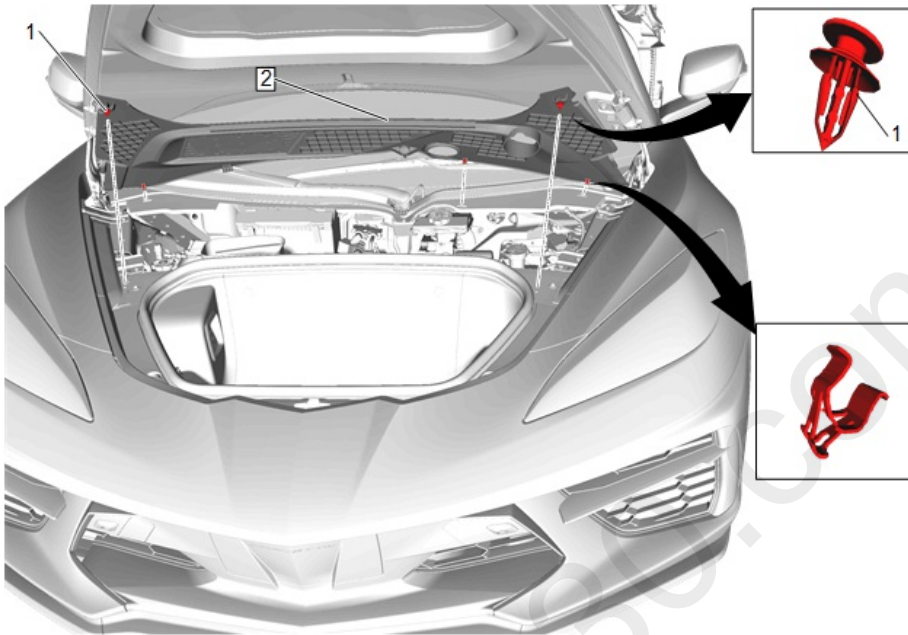
2. **Heating, Ventilation, and Air Conditioning**

3. **Repair Instructions**

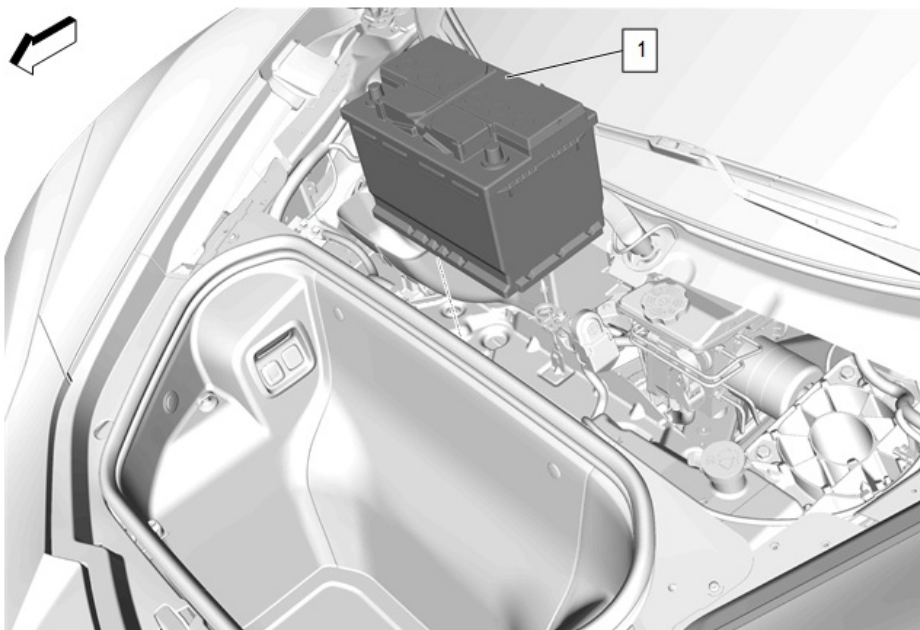
- 4.

Air Conditioning Evaporator Thermal Expansion Valve Replacement

Removal Procedure



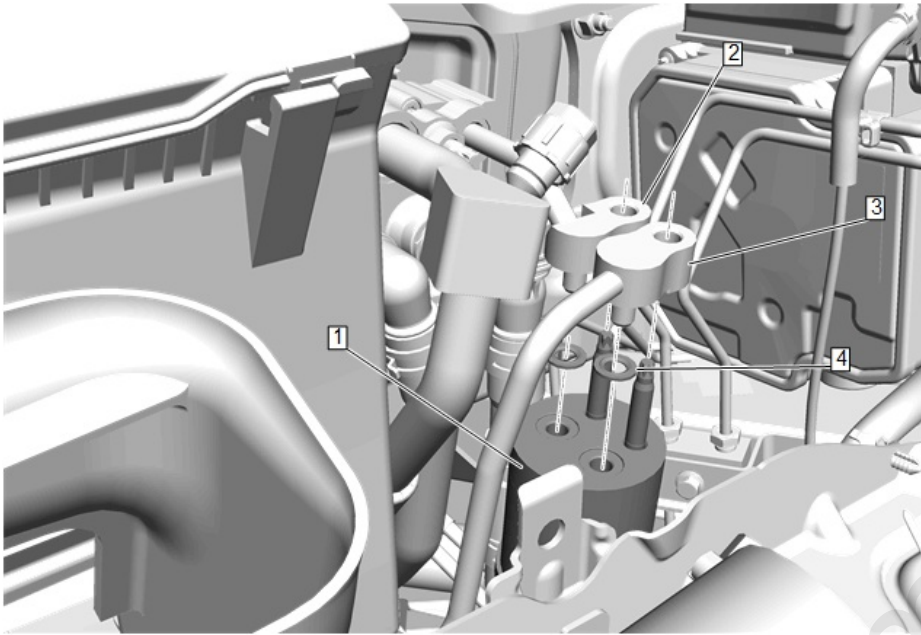
1. [Click here for full size](#)
2. Front Compartment Rear Access Cover (2) >> Remove - Front Compartment Rear Access Cover Replacement
3. Air Inlet Grille Panel >> Remove - Air Inlet Grille Panel Replacement
4. Recover the refrigerant. Refrigerant Recovery and Recharging



- 5.

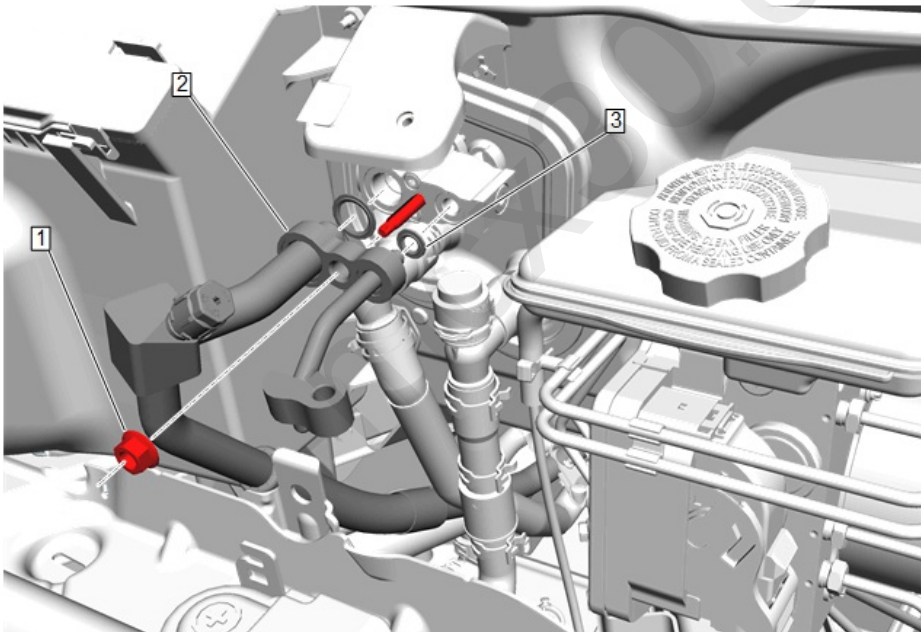
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6. Battery (1) >>> Remove - Battery Replacement



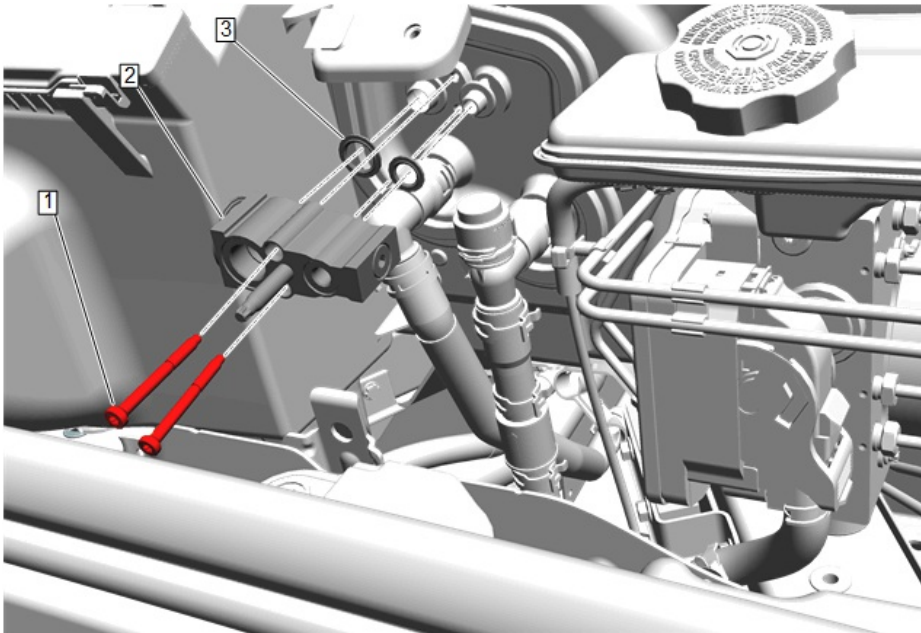
7.
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8. Air Conditioning Receiver and Dehydrator (1) >>> Remove - Air Conditioning Receiver and Dehydrator Replacement



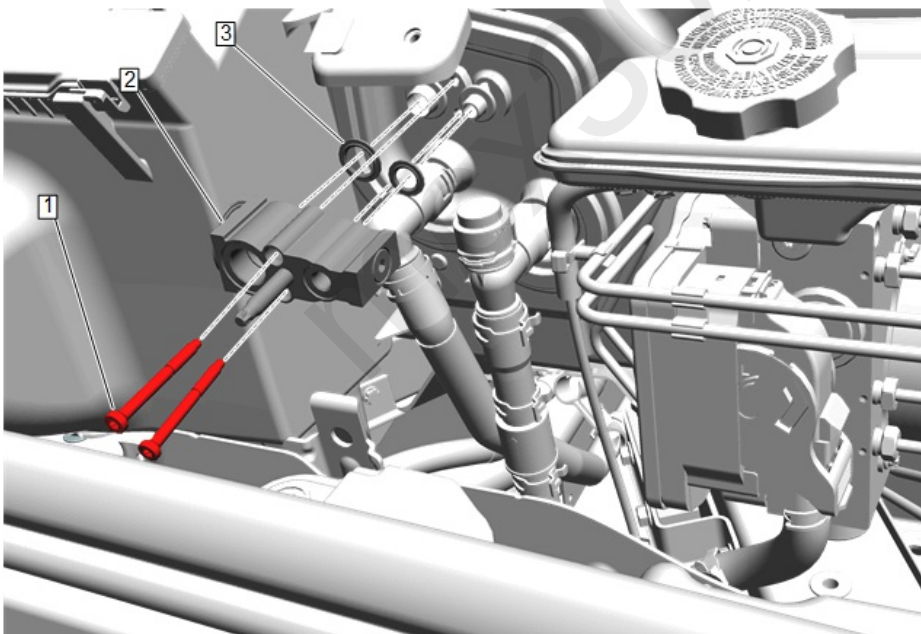
9.
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10. Air Conditioning Condenser and Air Conditioning Evaporator Tube (2) @ Air Conditioning Evaporator Thermal Expansion Valve >>> Remove - Air Conditioning Condenser and Air Conditioning Evaporator Tube Replacement

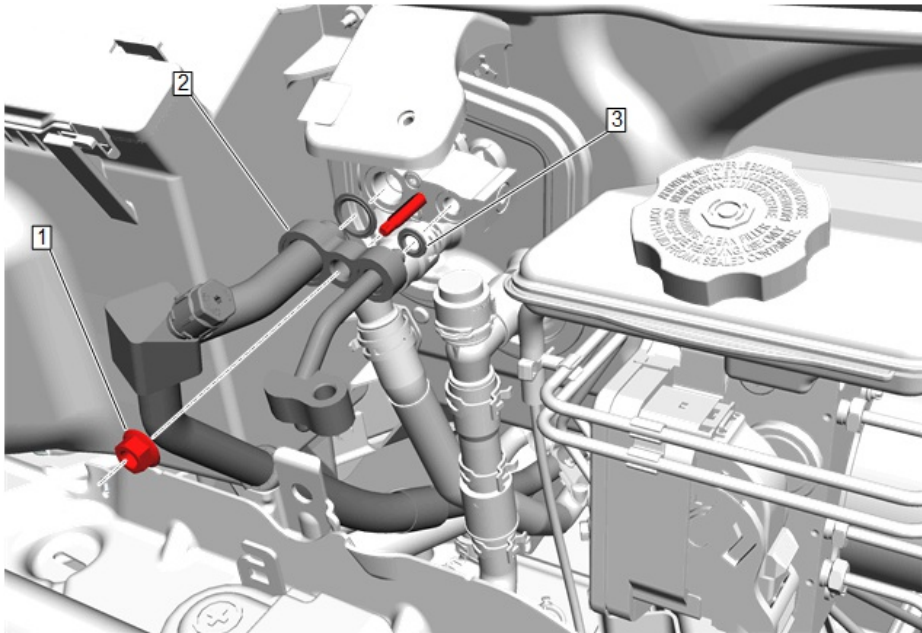


11. [Click here for full size](#)
12. Air Conditioning Evaporator Thermal Expansion Valve Bolt (1) >> Remove [2x]
13. Air Conditioning Evaporator Thermal Expansion Valve (2) >> Remove
14. Air Conditioning Sealing Washer (3) >> Remove and DISCARD [2x]

Installation Procedure

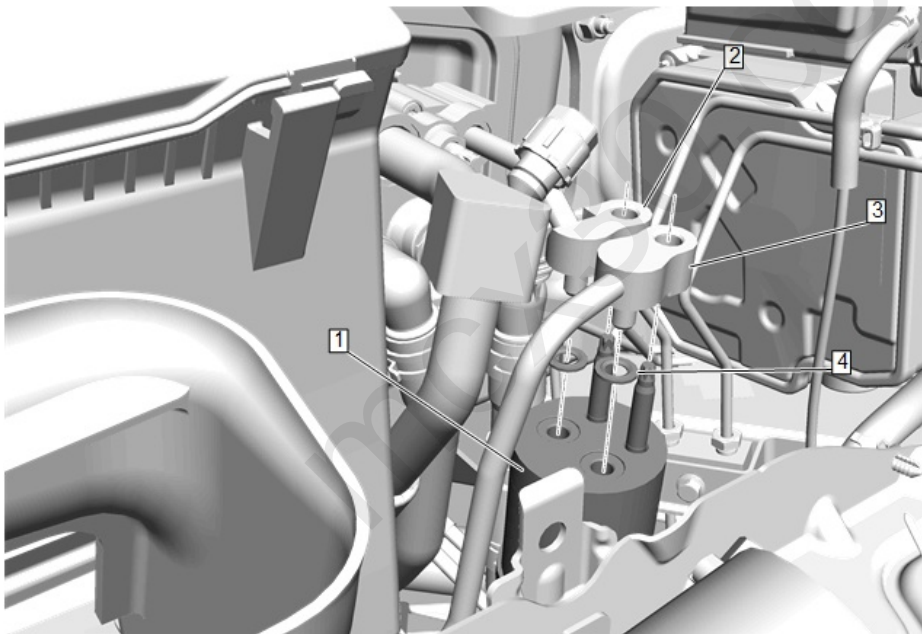


1. [Click here for full size](#)
2. Air Conditioning Sealing Washer (3) >> Install NEW [2x]
3. Air Conditioning Evaporator Thermal Expansion Valve (2) >> Install
4. Caution:
Refer to Fastener Caution.
5. Air Conditioning Evaporator Thermal Expansion Valve Bolt (1) >> Install and tighten [2x] 7 N-m (62 lb in)



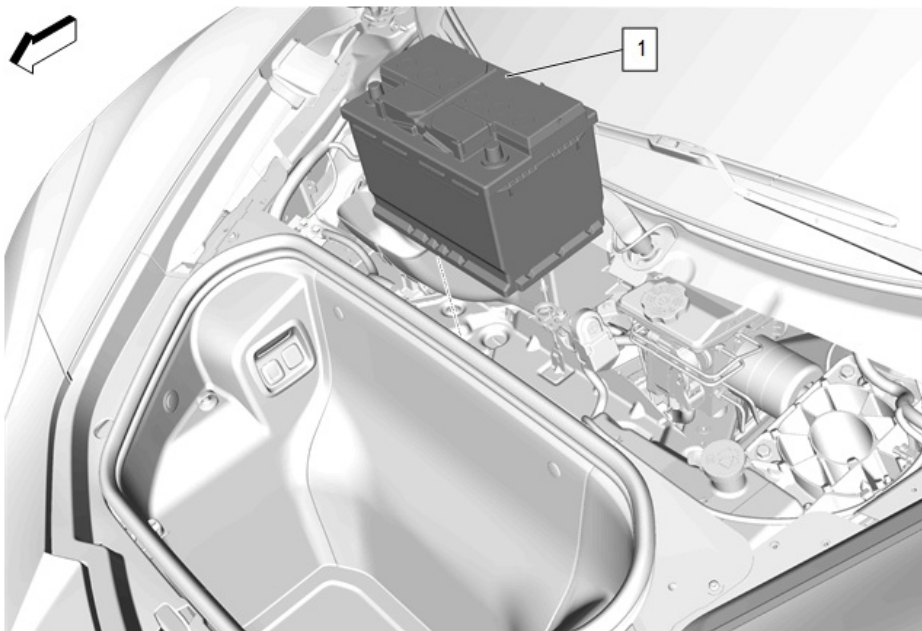
6.
[Click here for full size](#)

7. Air Conditioning Condenser and Air Conditioning Evaporator Tube (2) @ Air Conditioning Evaporator Thermal Expansion Valve >> Install
 - Air Conditioning Condenser and Air Conditioning Evaporator Tube Replacement

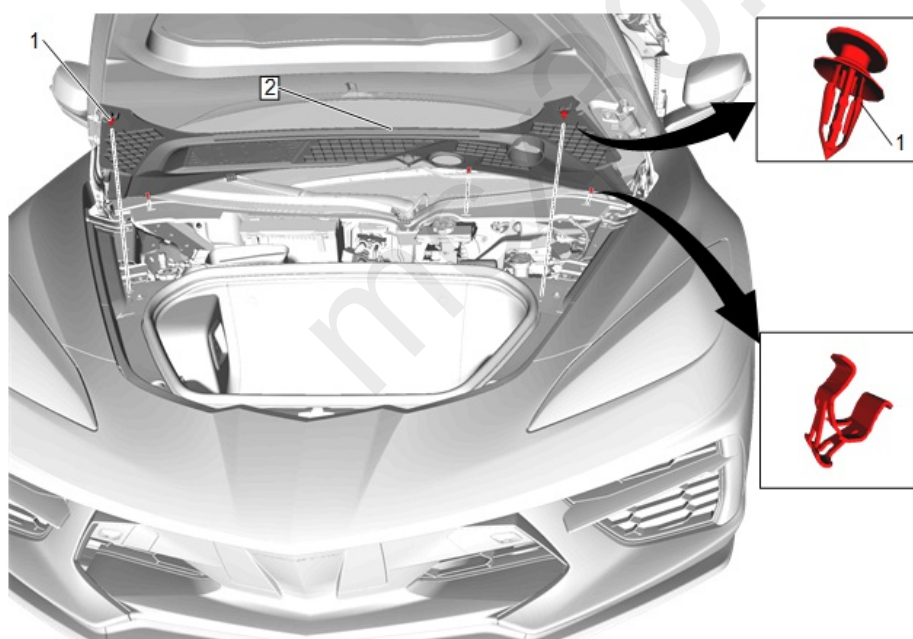


8.
[Click here for full size](#)

9. Air Conditioning Receiver and Dehydrator (1) >> Install - Air Conditioning Receiver and Dehydrator Replacement



10. [Click here for full size](#)
11. Battery (1) >> Install - Battery Replacement
12. Evacuate and charge the refrigerant system. Refrigerant Recovery and Recharging
13. Check for refrigerant leaks.
14. Air Inlet Grille Panel >> Install - Air Inlet Grille Panel Replacement



15. [Click here for full size](#)
16. Front Compartment Rear Access Cover (2) >> Install - Front Compartment Rear Access Cover Replacement