

2022 CHEVROLET CORVETTE SERVICE MANUAL

- **SEARCH**

1. Engine/Propulsion
2. Engine Heating and Cooling
3. Repair Instructions
- 4.

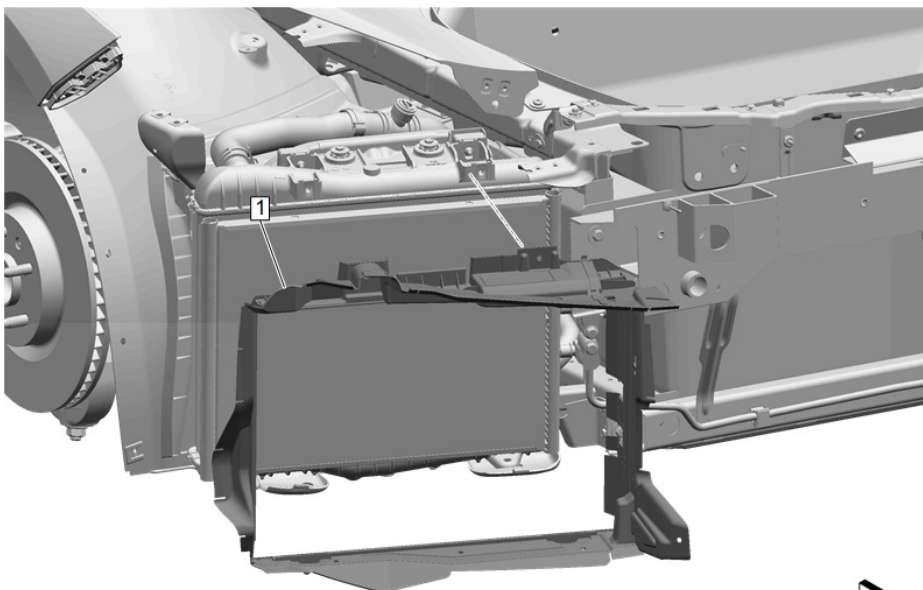
Radiator Support Brace Replacement - Right Side

Removal Procedure

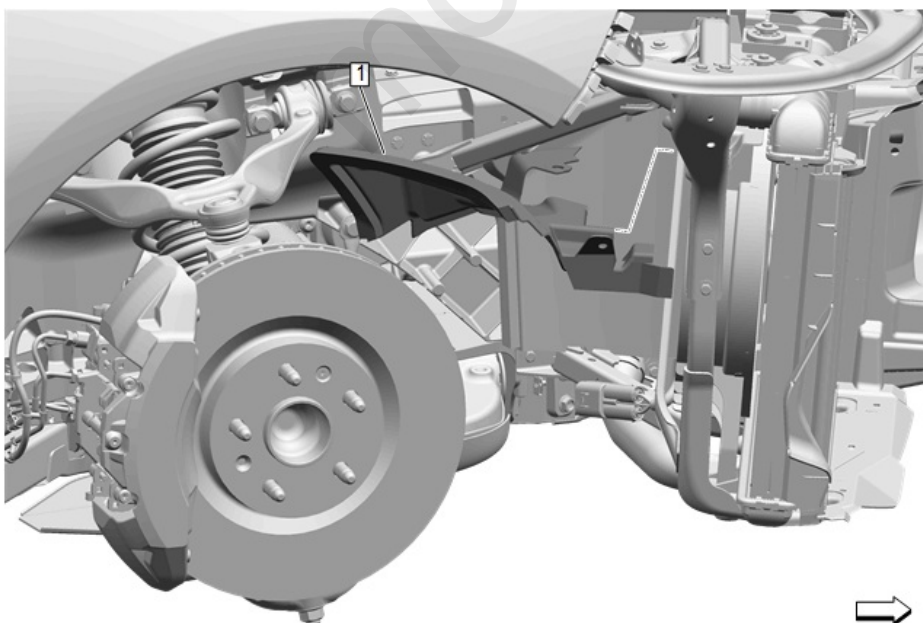
1. Front Bumper Fascia >> Remove - Front Bumper Fascia Removal and Installation
2. Front Wheelhouse Front Panel - Right Side >> Remove - Front Wheelhouse Front Panel Replacement
3. { If equipped } Front Brake Rotor Cooling Duct - Right Side @ Radiator Support Brace Disconnect - Front Brake Rotor Cooling Duct Replacement
4. Drain the cooling system. Cooling System Draining and Filling



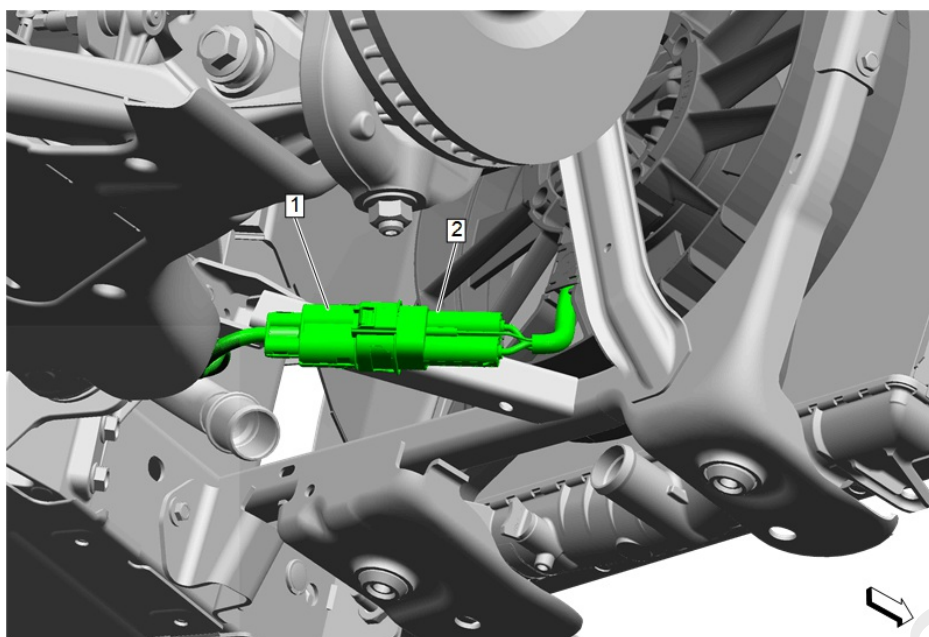
5.
[Click here for full size](#)
6. Front Compartment Front Panel(1) >> Remove - Front Compartment Front Panel Replacement



7.
[Click here for full size](#)
8. Radiator Air Inlet Duct - Right Side (1) >> Remove - Radiator Air Inlet Duct Replacement - Right Side
9. Without disconnecting the air conditioning condenser tube connector or the air conditioning compressor and condenser hose from the air conditioning condenser, reposition and support the condenser.
10. Radiator Inlet Hose - Right Side @ Engine Radiator >> Remove - Radiator Inlet Hose Replacement - Front Right Side
11. Auxiliary Radiator Outlet Hose - Right Side @ Engine Radiator >> Remove - Auxiliary Radiator Outlet Hose Replacement - Right Side Radiator

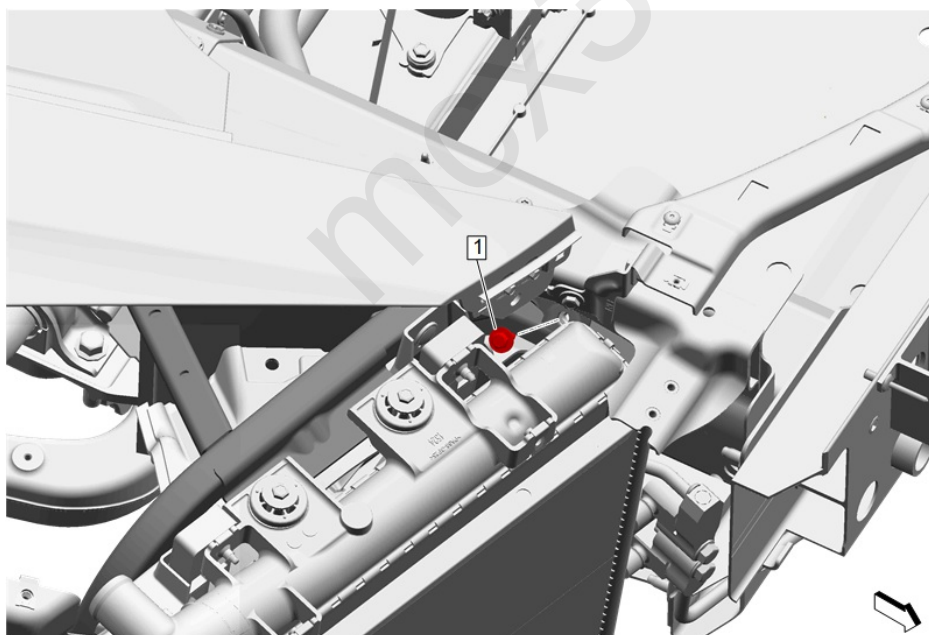


12.
[Click here for full size](#)
13. Auxiliary Radiator Rear Duct - Right Side (1) >> Remove - Auxiliary Radiator Rear Duct Replacement - Right Side



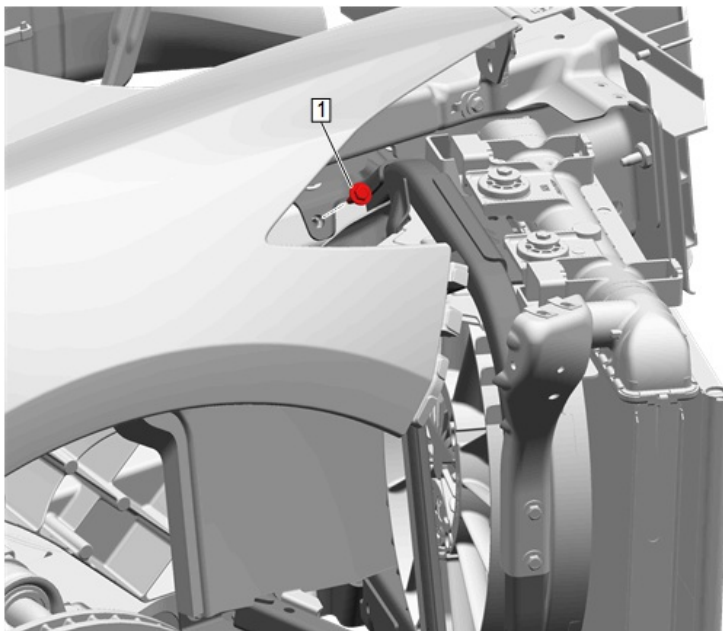
14.
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15. Disconnect the electrical connector (1) from the engine cooler fan electrical connector (2).



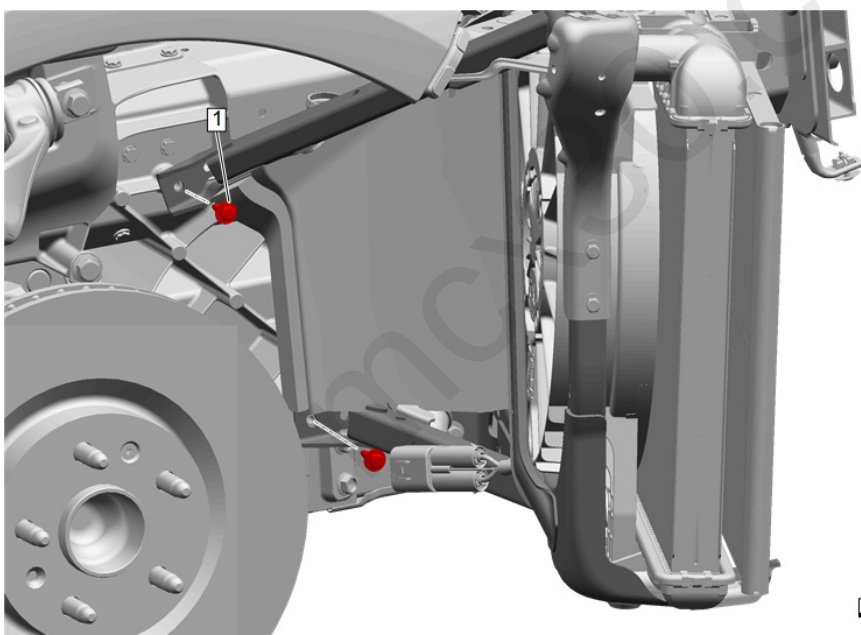
16.
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17. Radiator Support Brace Bolt (1) >> Remove



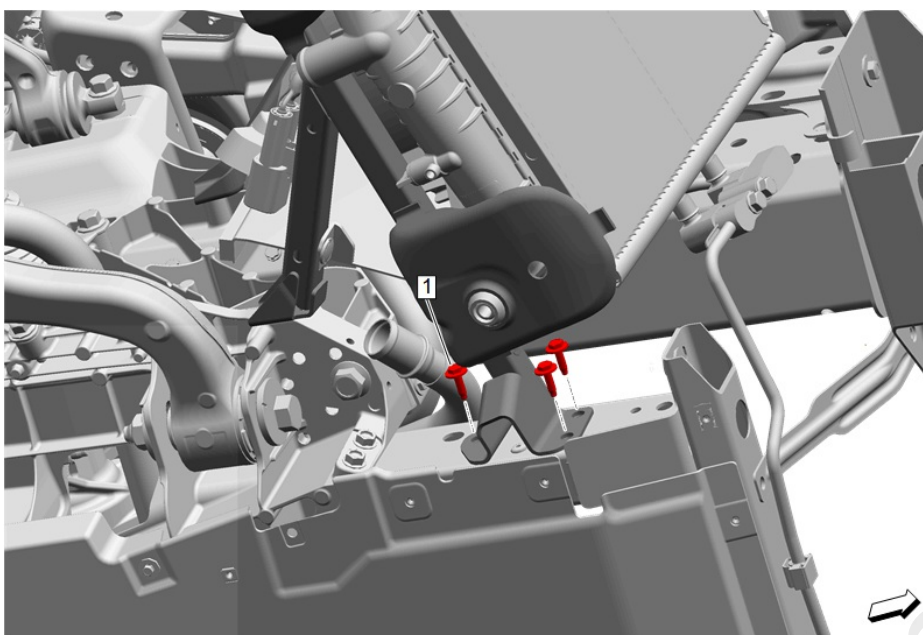
18.
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19. Radiator Support Brace Bolt (1) >> Remove



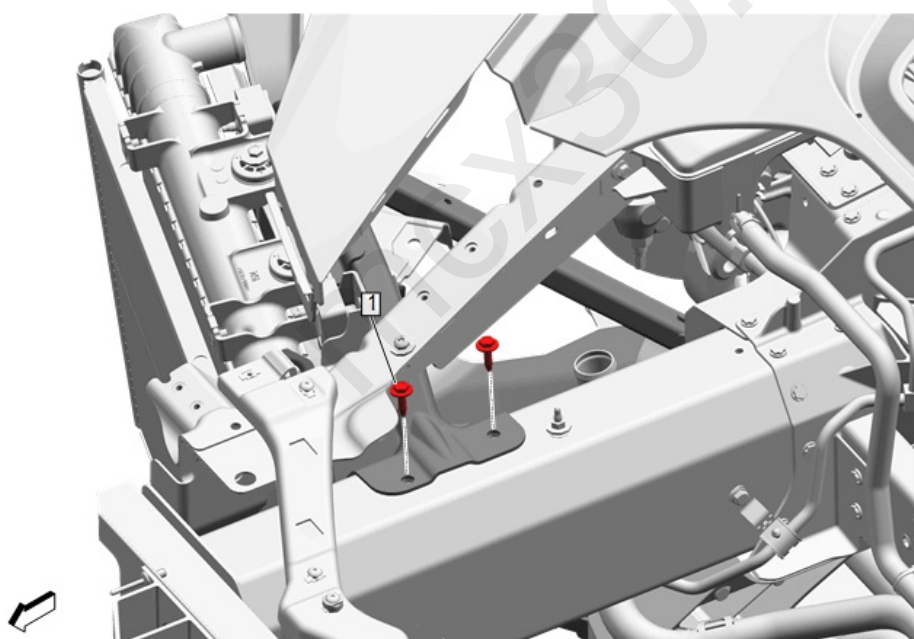
20.
[Click here for full size](#)

21. Radiator Support Brace Bolt (1) >> Remove [2x]



22.
[Click here for full size](#)

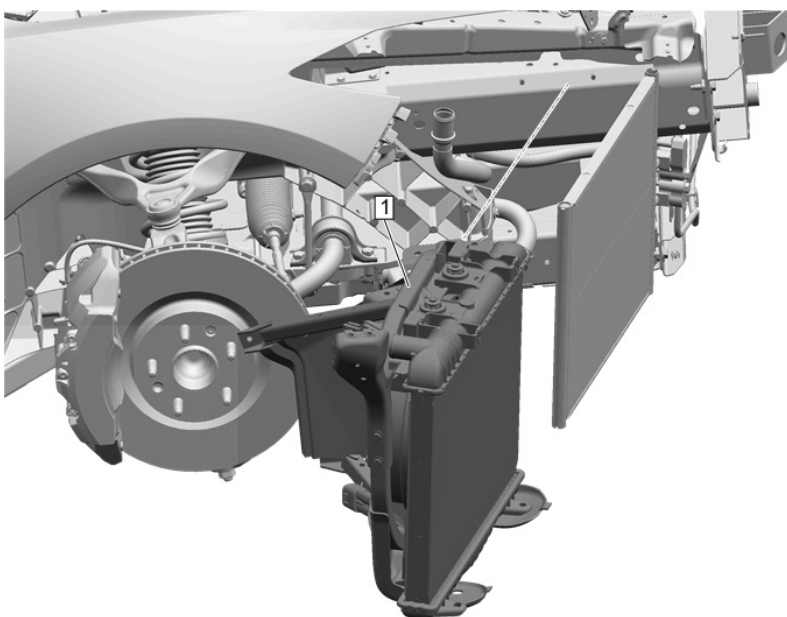
23. Radiator Support Brace Bolt (1) >> Remove [3x]



24.
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25. Radiator Support Brace Bolt (1) >> Remove [4x]

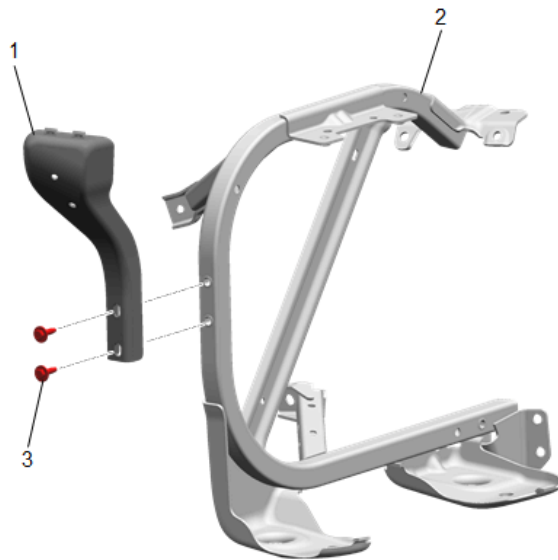
26. To prevent contact between the air conditioning condenser and engine radiator, place a piece of cardboard between the air conditioning condenser and engine radiator.



27. [Click here for full size](#)
28. Note:
- Take care not to contact the air conditioning condenser.
29. Carefully remove the engine radiator and engine cooler fan assembly, radiator support brace and auxiliary radiator front outlet side duct (1) as an assembly.

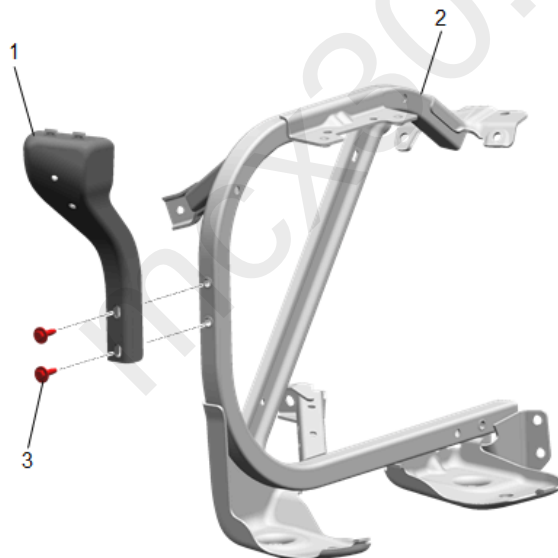


30. [Click here for full size](#)
31. Remove the engine cooler fan and engine radiator (1) as an assembly. [Engine Coolant Fan Module Radiator Assembly Removal and Installation - Right Side](#)
32. [Auxiliary Radiator Front Outlet Side Duct - Right Side >> Remove - Auxiliary Radiator Front Outlet Side Duct Replacement - Right Side](#)

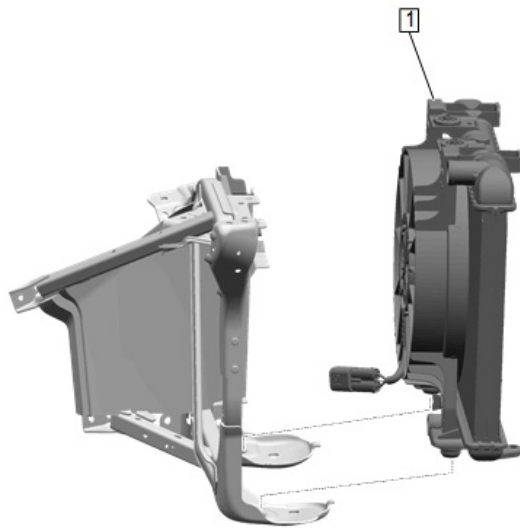


33. [Click here for full size](#)
34. Radiator Support Reinforcement Bolt (3) >> Remove [2x]
35. Radiator Support Reinforcement (1) @ Radiator Support Brace - Right Side (2) >> Remove

Installation Procedure

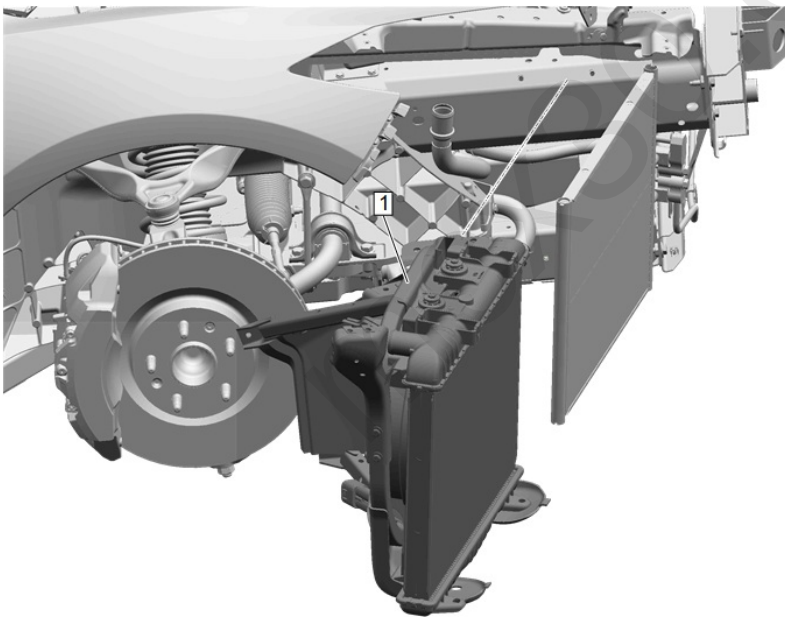


1. [Click here for full size](#)
2. Radiator Support Reinforcement (1) @ Radiator Support Brace - Right Side (2) >> Install
3. Caution:
Refer to Fastener Caution.
4. Radiator Support Reinforcement Bolt (3) >> Install and tighten [2x]9 N-m (80 lb in)
5. Auxiliary Radiator Front Outlet Side Duct - Right Side >> Install - Auxiliary Radiator Front Outlet Side Duct Replacement - Right Side



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

7. Install the engine cooler fan and engine radiator (1) as an assembly. Engine Coolant Fan Module Radiator Assembly Removal and Installation - Right Side

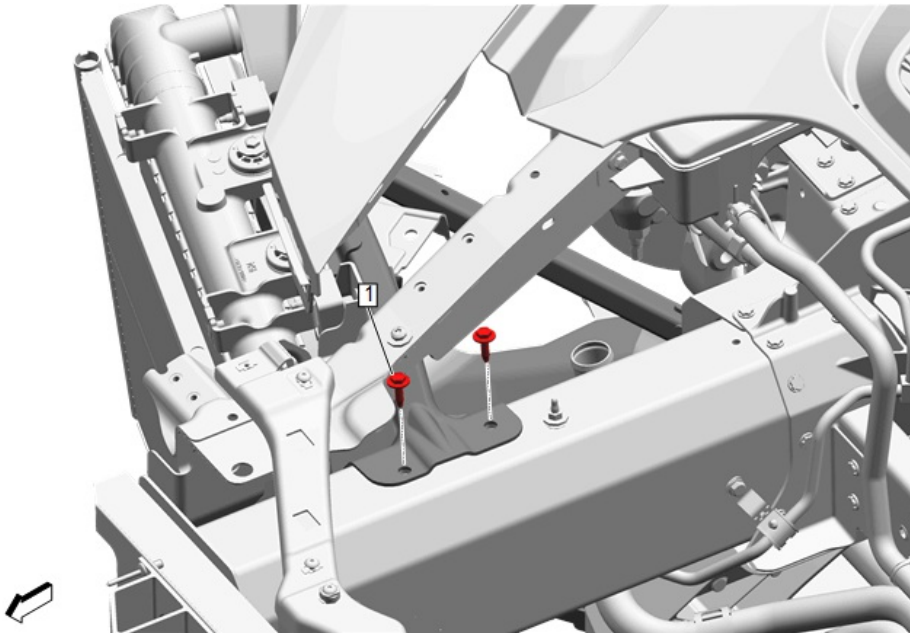


8.
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9. Note:

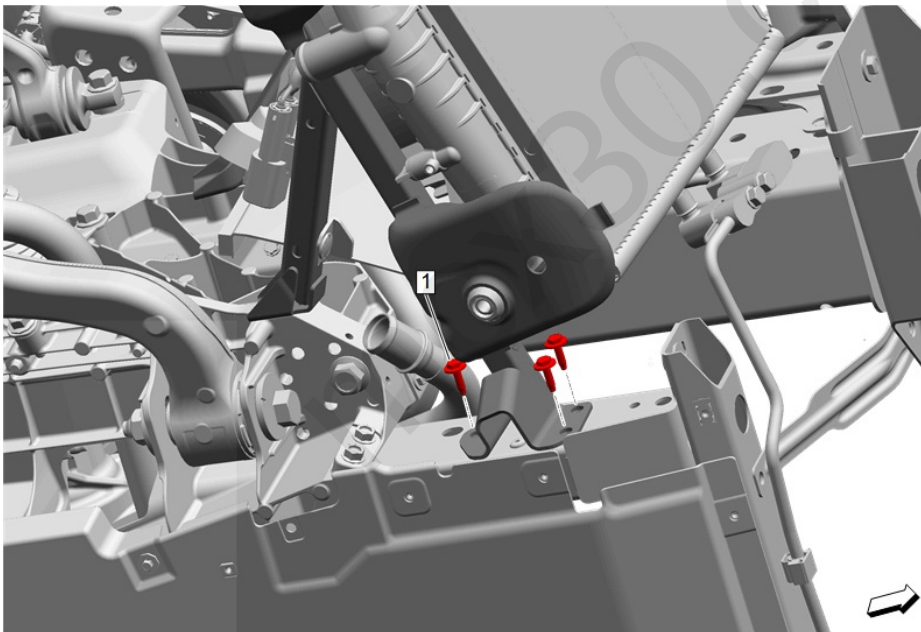
Take care not to contact the air conditioning condenser.

10. Carefully install the engine radiator and engine cooler fan assembly, radiator support brace and auxiliary radiator front outlet side duct (1) as an assembly.
11. Remove cardboard between the air conditioning condenser and engine radiator.



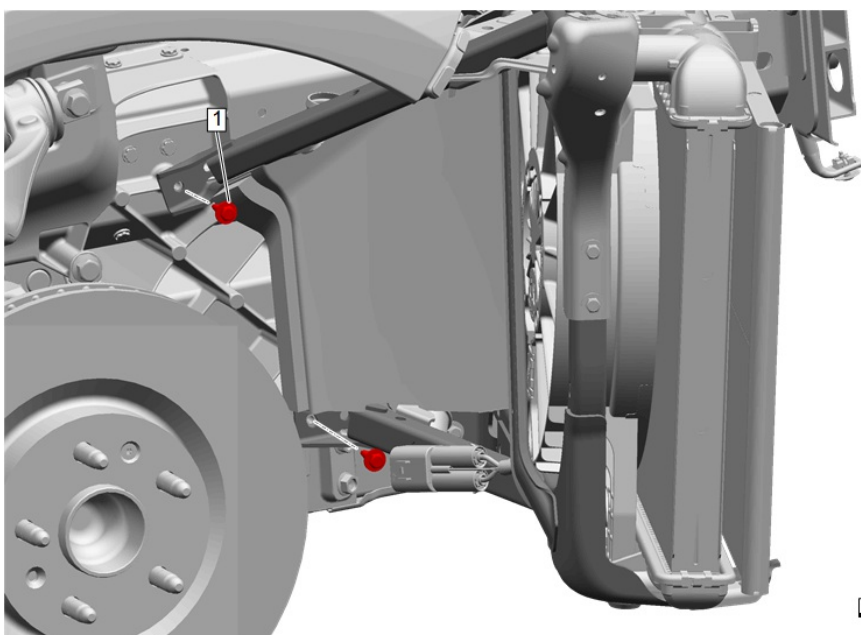
12.
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13. Radiator Support Brace Bolt (1) >>> Install and tighten [4x]9 N-m (80 lb in)



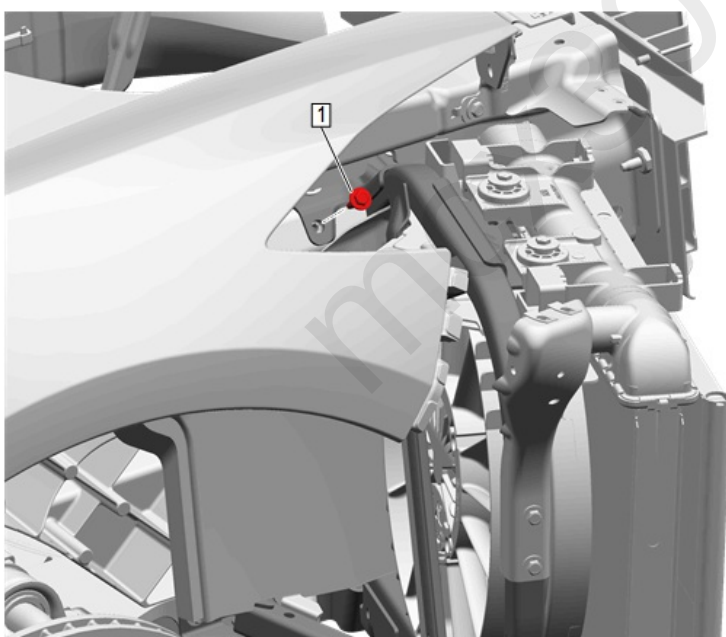
14.
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15. Radiator Support Brace Bolt (1) >>> Install and tighten [3x]9 N-m (80 lb in)



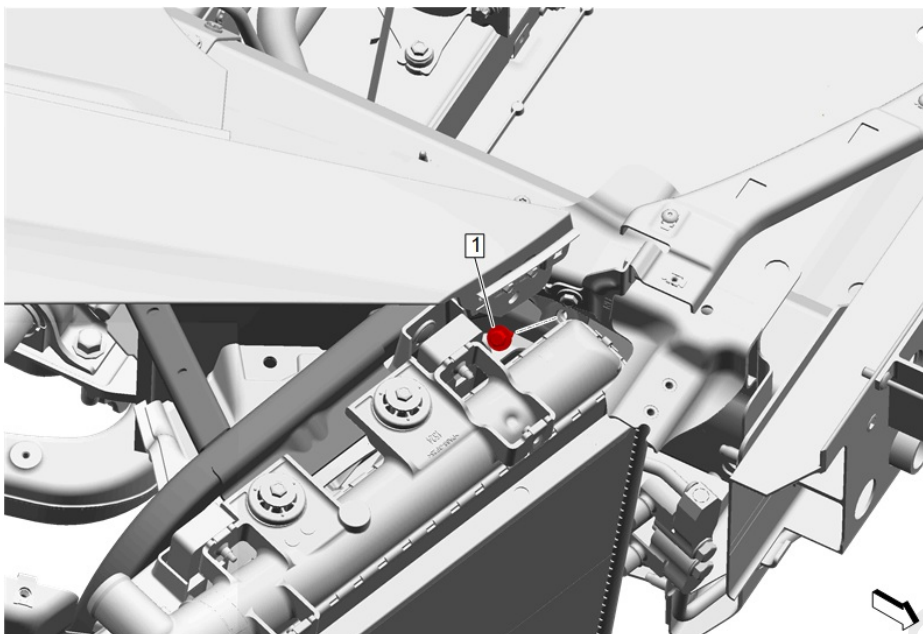
16.
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17. Radiator Support Brace Bolt (1) >> Install and tighten [2x]9 N-m (80 lb in)



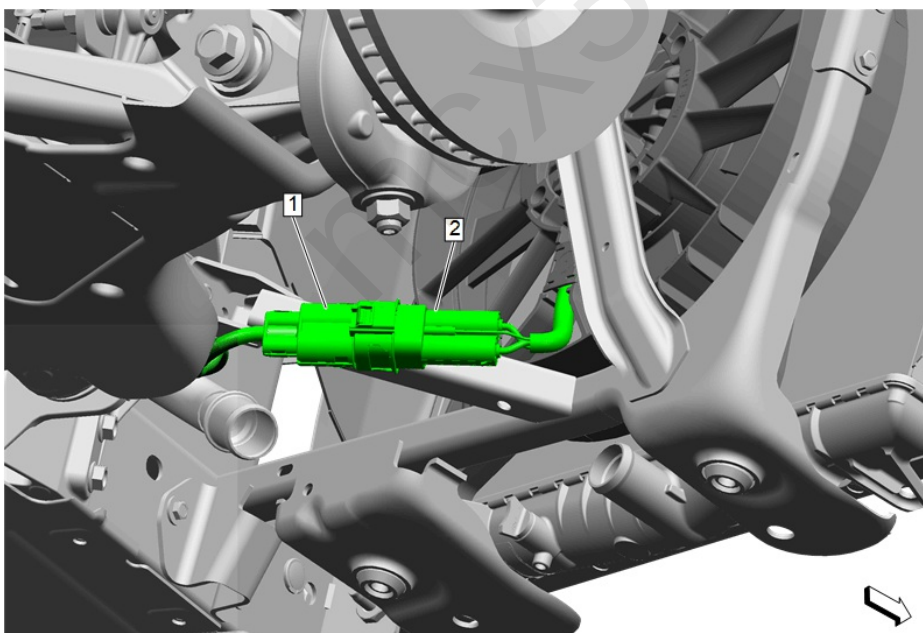
18.
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19. Radiator Support Brace Bolt (1) >> Install and tighten 9 N-m (80 lb in)



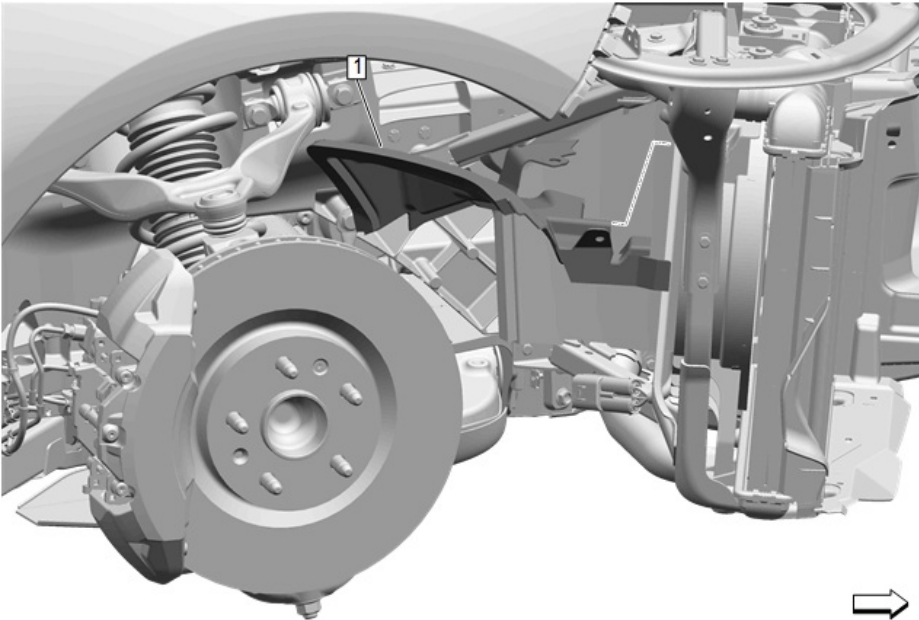
20.
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21. Radiator Support Brace Bolt (1) >> Install and tighten 9 N-m (80 lb in)

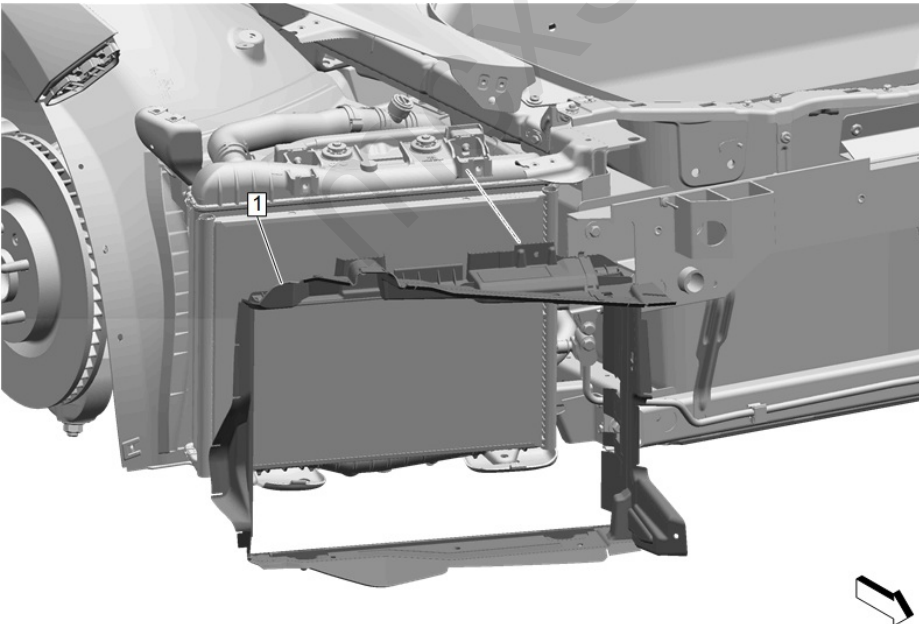


22.
[Click here for full size](#)

23. Connect the electrical connector (1) to the engine cooler fan electrical connector (2).



24. [Click here for full size](#)
25. Auxiliary Radiator Rear Duct - Right Side (1) >> Install - Auxiliary Radiator Rear Duct Replacement - Right Side
26. Auxiliary Radiator Outlet Hose - Right Side @ Engine Radiator >> Install - Auxiliary Radiator Outlet Hose Replacement - Right Side Radiator
27. Radiator Inlet Hose - Right Side @ Engine Radiator >> Install - Radiator Inlet Hose Replacement - Front Right Side
28. Remove the support and install the condenser.



29. [Click here for full size](#)
30. Radiator Air Inlet Duct - Right Side (1) >> Install - Radiator Air Inlet Duct Replacement - Right Side



31. [Click here for full size](#)
32. Front Compartment Front Panel (1) >> Install - Front Compartment Front Panel Replacement
33. { If equipped } Front Brake Rotor Cooling Duct - Right Side @ Radiator Support Brace Connect - Front Brake Rotor Cooling Duct Replacement
34. Front Wheelhouse Front Panel - Right Side >> Install - Front Wheelhouse Front Panel Replacement
35. Front Bumper Fascia >> Install - Front Bumper Fascia Removal and Installation
36. Fill the cooling system to the proper level. Cooling System Draining and Filling
37. Start the engine and check for coolant leaks.