

2022 CHEVROLET CORVETTE SERVICE MANUAL

- SEARCH

1. Engine/Propulsion
2. Engine Mechanical - 6.2L (LT2)
3. Repair Instructions
- 4.

Cylinder Head Replacement - Right Side

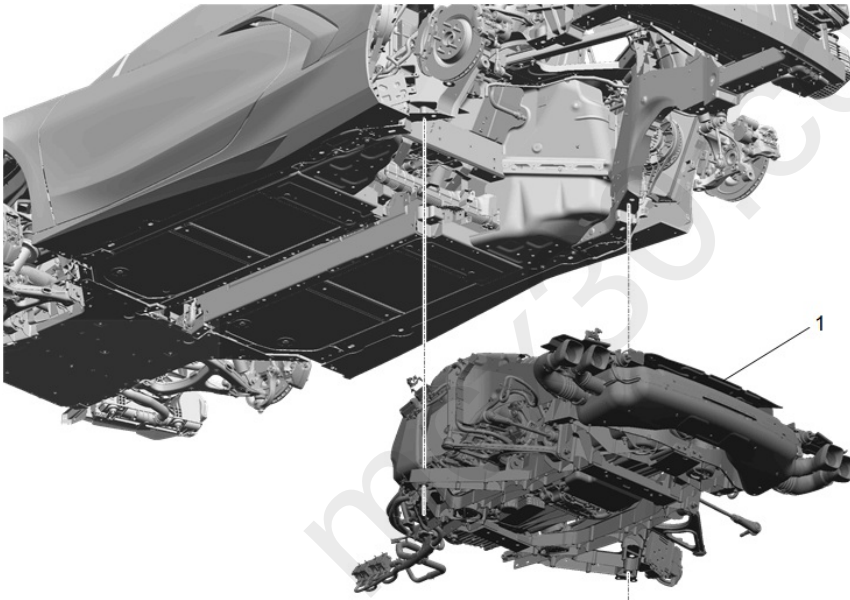
Special Tools

- EN45059, Angle Meter

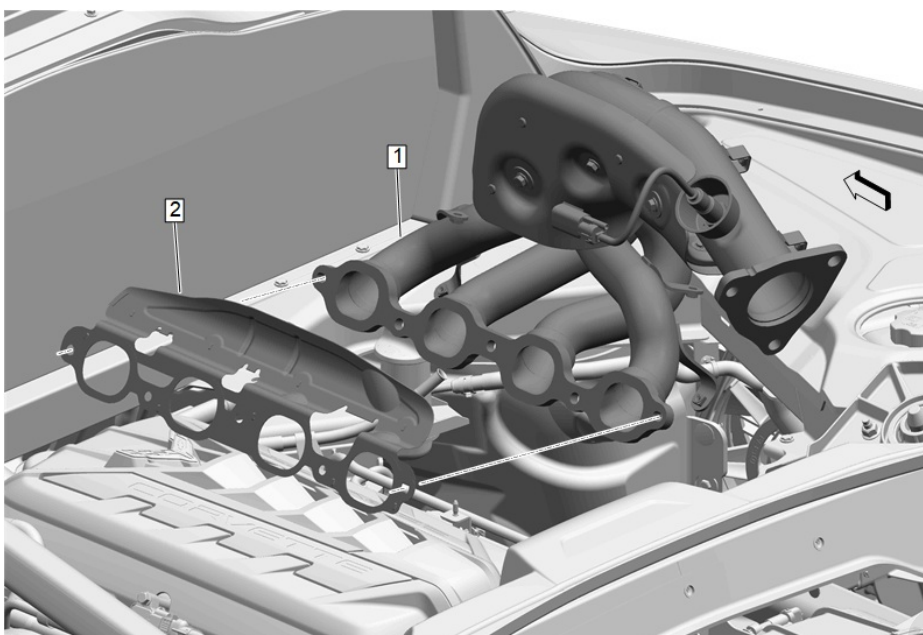
Equivalent regional tools: Special Tools

Removal Procedure

1. Drain the cooling system. [Cooling System Draining and Filling](#)

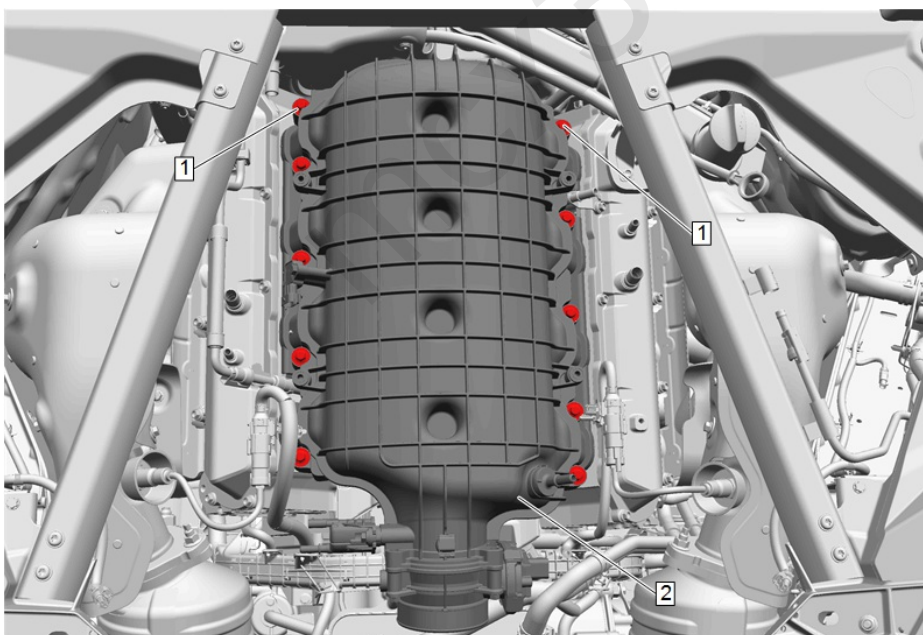


2. [Click here for full size](#)
3. Engine (1) >> Remove - Engine Replacement



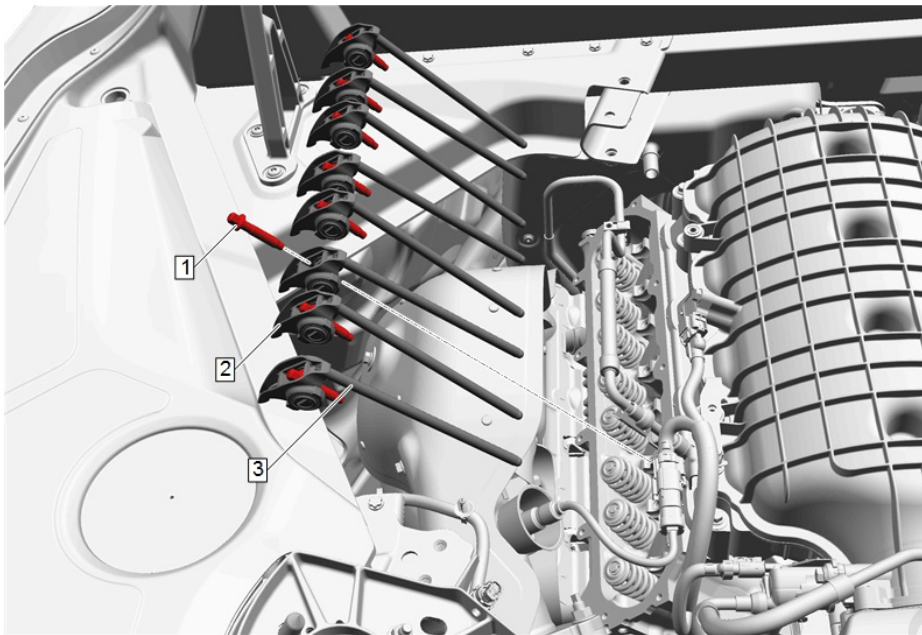
4.
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5. Exhaust Manifold - Right Side (1) >> Remove - Exhaust Manifold Replacement - Right Side



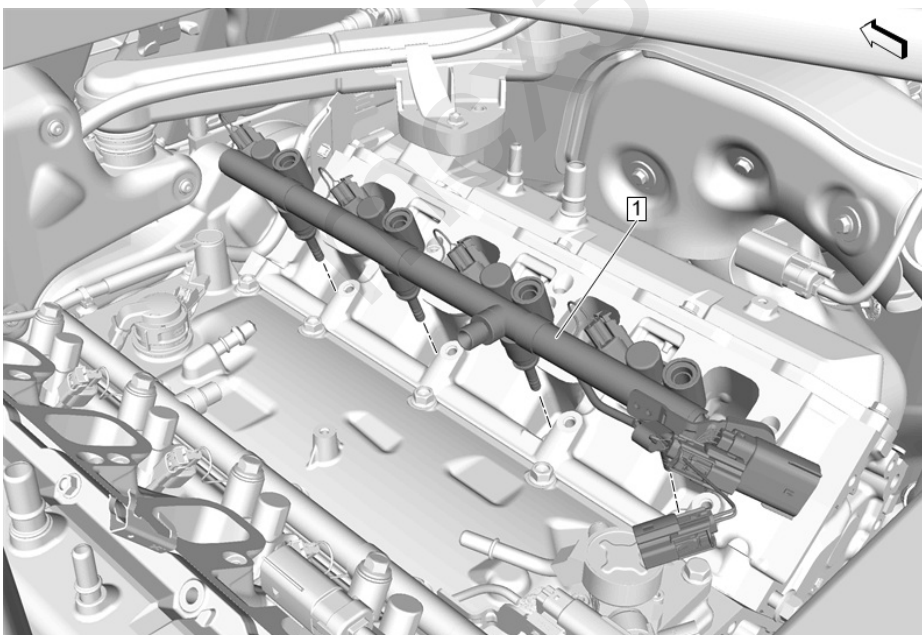
6.
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7. Intake Manifold (2) >> Remove - Intake Manifold Replacement



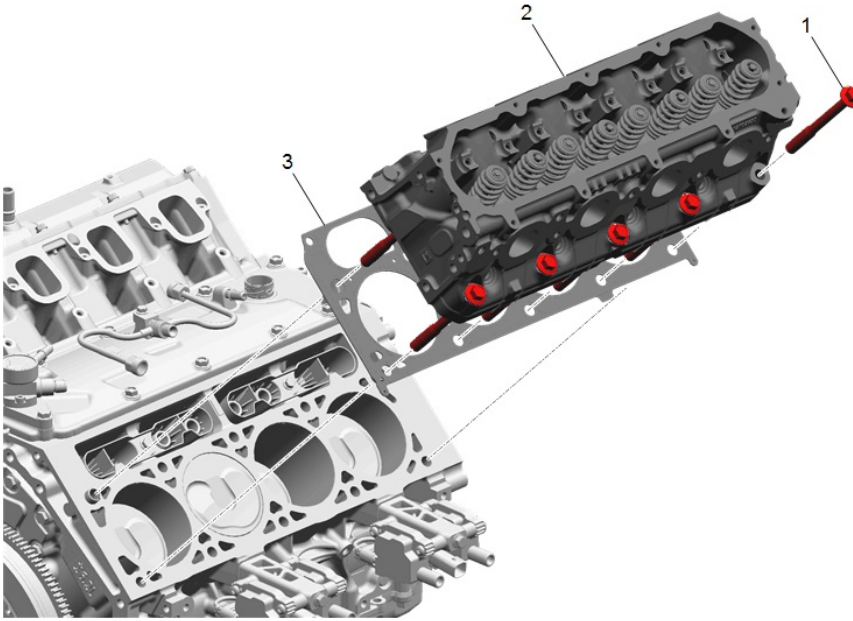
8.
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9. Remove the right side valve rocker arm and push rod assemblies. Valve Rocker Arm and Push Rod Replacement



10.
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11. Fuel Injection Fuel Rail (1) >> Remove - Fuel Injection Fuel Rail Assembly Replacement - Bank 2



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

13. Note:

The cylinder head bolts are of a torque-to-yield design and are NOT to be reused.

14. Cylinder Head Bolt (1) >> Remove and DISCARD [10x]

15. Caution:

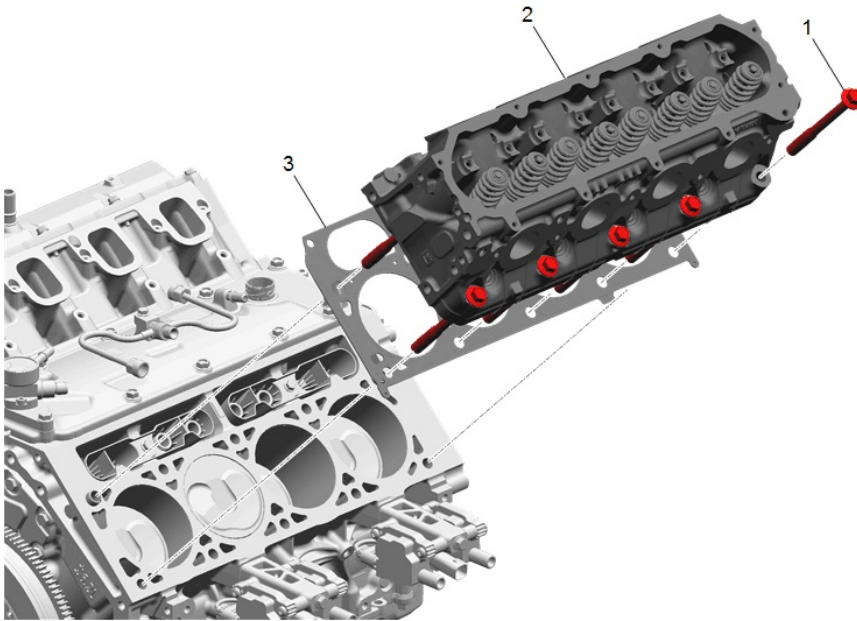
After removal, place the cylinder head on 2 wood blocks in order to prevent damage to the sealing surfaces.

16. Cylinder Head (2) >> Remove

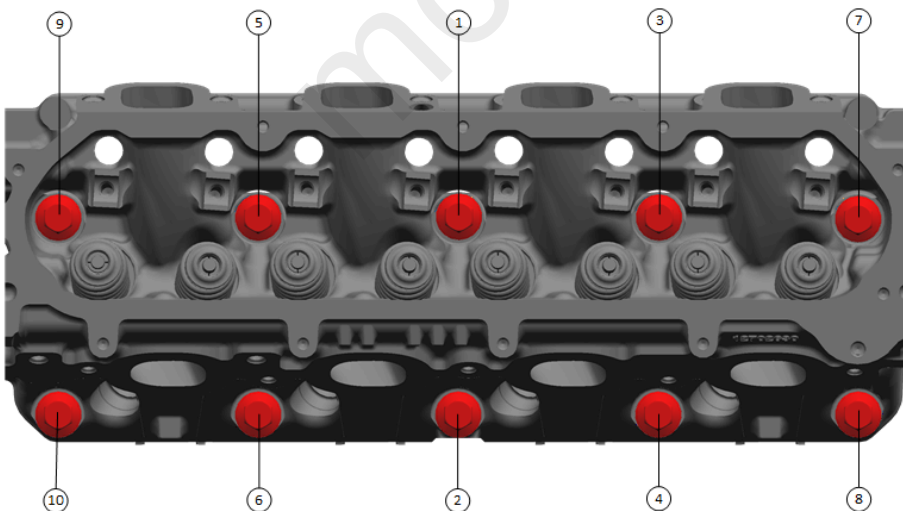
17. Cylinder Head Gasket (3) >> Remove and DISCARD - Replacing Engine Gaskets

18. Cylinder Head (2) >> Clean and inspect - Cylinder Head Overhaul

Installation Procedure



1. [Click here for full size](#)
2. Cylinder Head Gasket (3) >> Install NEW
3. Cylinder Head (2) >> Install
4. Cylinder Head Bolt (1) >> Install and hand tighten
5. [10x]



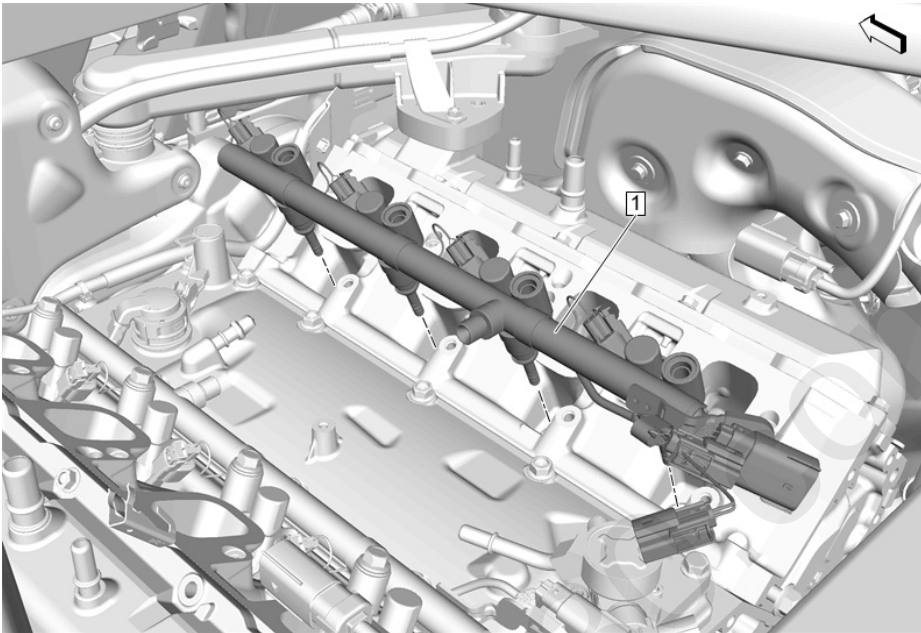
6. [Click here for full size](#)
7. Caution:

This vehicle is equipped with torque-to-yield or single use fasteners. Install a NEW torque-to-yield or single use fastener when installing this component. Failure to replace the torque-to-yield or single use fastener could cause damage to the vehicle or component.

8. Caution:

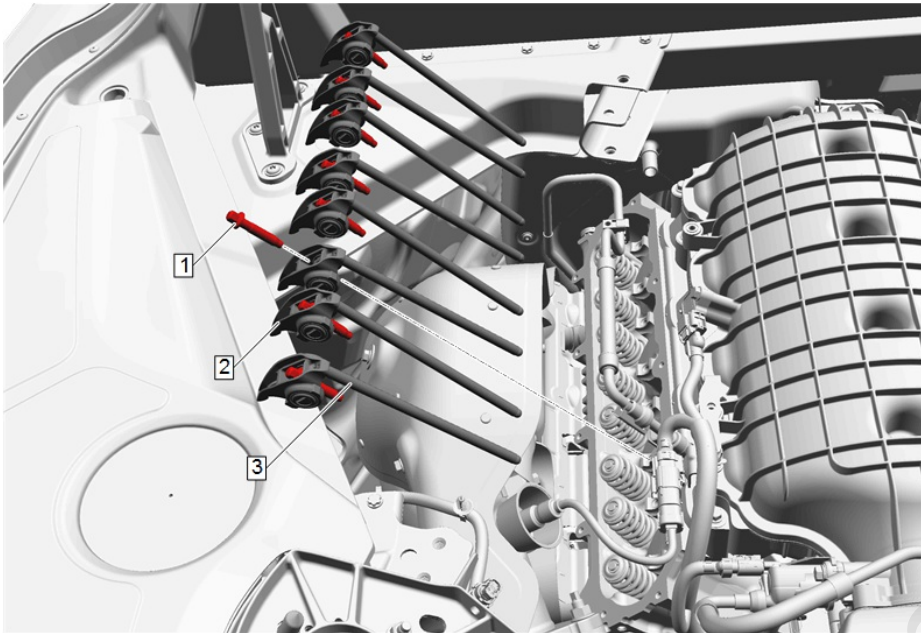
Refer to Fastener Caution.

9. Cylinder Head Bolt >> Tighten in sequence [10x]
10.
 1. First Pass: 80 N-m (59 lb ft)
 2. Second Pass: 90 degrees - Using the EN45059 Angle Meter
 3. Final Pass: 60 degrees



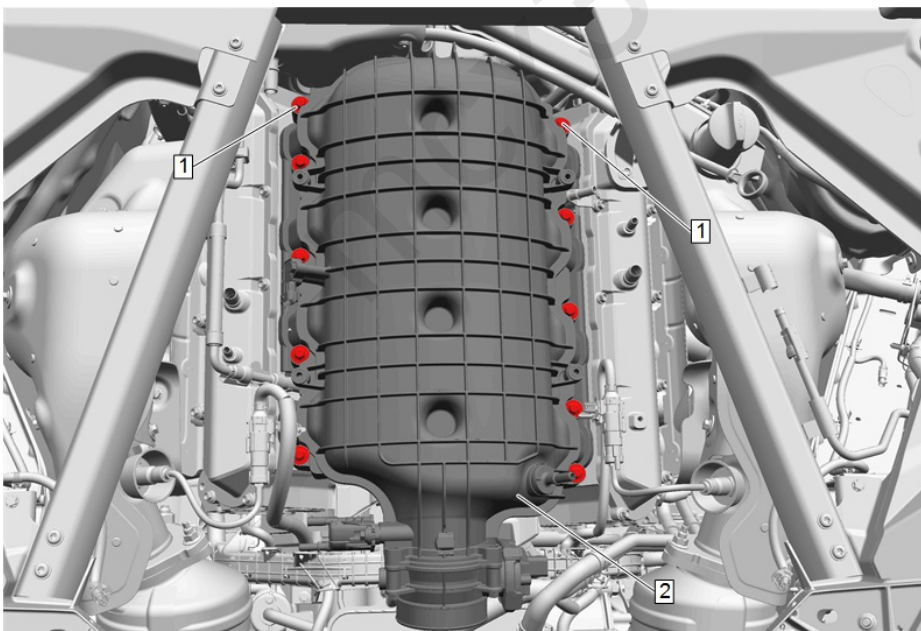
11.

[Click here for full size](#)
12. Fuel Injection Fuel Rail (1) >> Install - Fuel Injection Fuel Rail Assembly Replacement - Bank 2



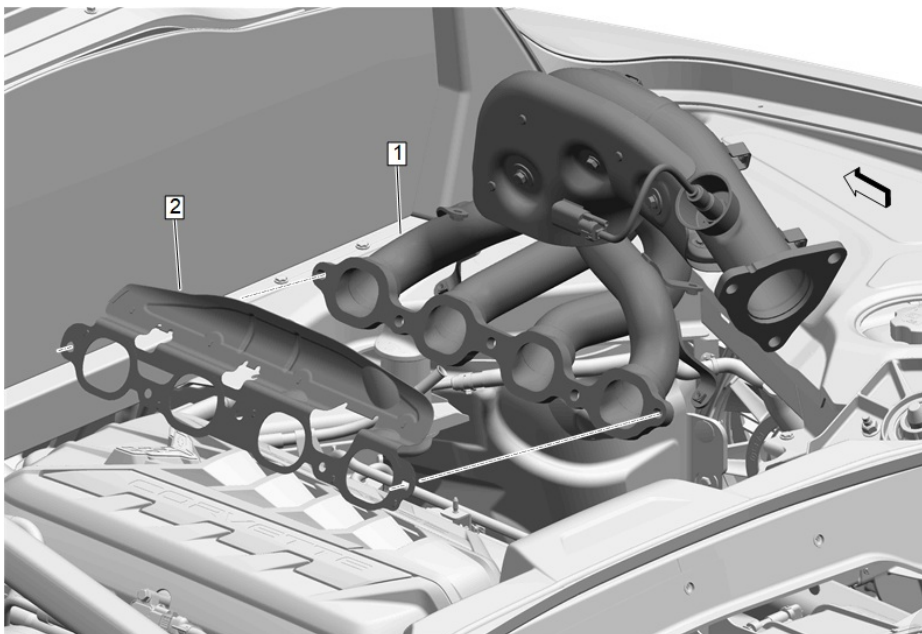
13.
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14. Install the right side valve rocker arm and push rod assemblies. [Valve Rocker Arm and Push Rod Replacement](#)



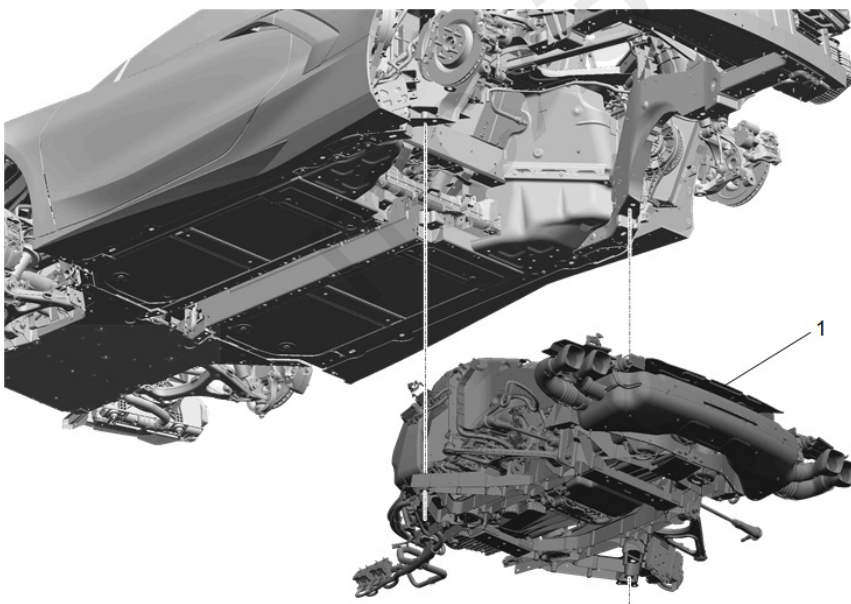
15.
[Click here for full size](#)

16. Intake Manifold (2) >> [Install - Intake Manifold Replacement](#)



17.
[Click here for full size](#)

18. Exhaust Manifold - Right Side (1) >> Install - Exhaust Manifold Replacement - Right Side



19.
[Click here for full size](#)

20. Engine (1) >> Install - Engine Replacement

21. Fill the cooling system. Cooling System Draining and Filling