

2022 CHEVROLET CORVETTE SERVICE MANUAL

- **SEARCH**

1. [Engine/Propulsion](#)
2. **Exhaust**
3. [Repair Instructions](#)
- 4.

Exhaust Manifold Replacement - Left Side (Coupe)

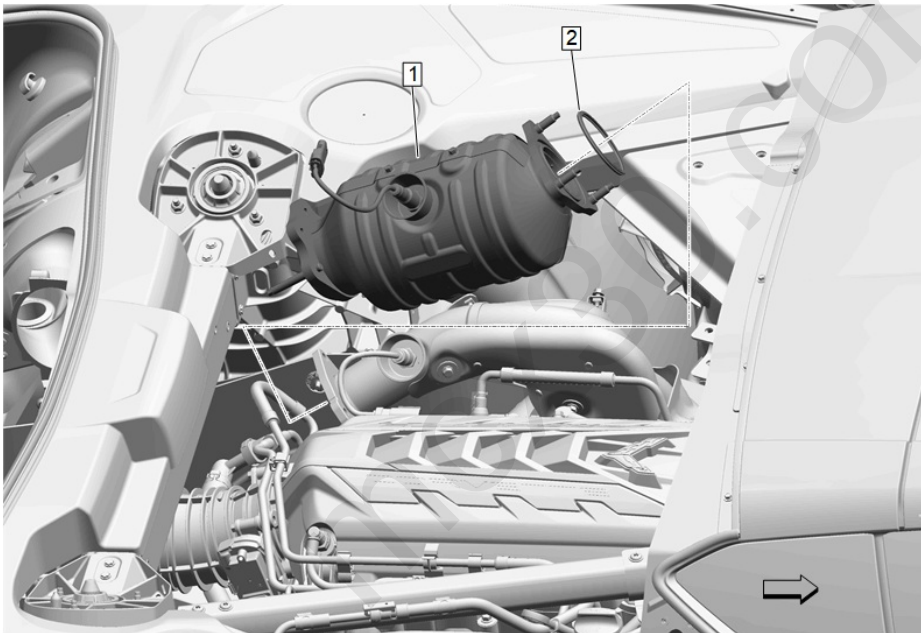
Removal Procedure

Warning:

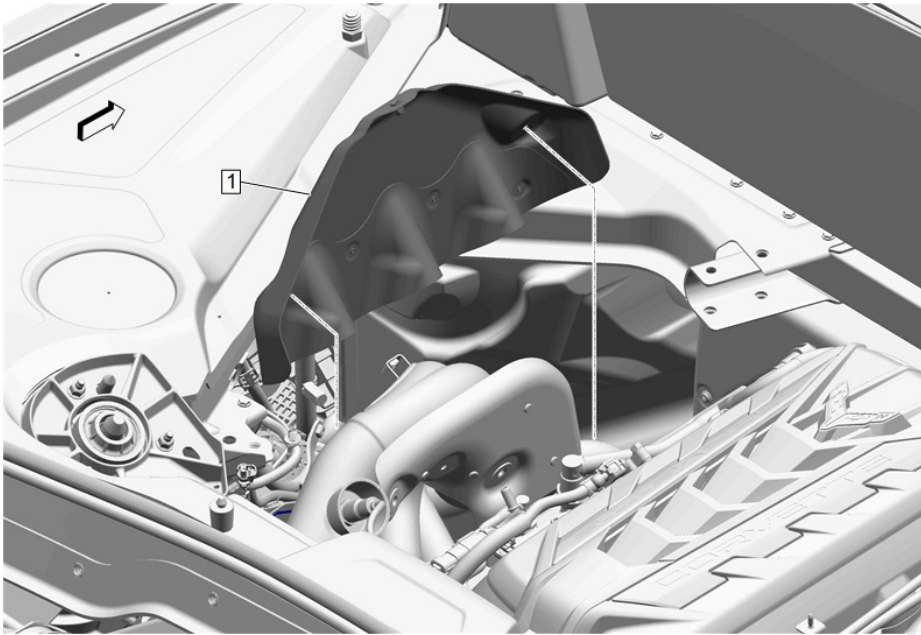
In order to avoid being burned, do not service the exhaust system while it is still hot. Service the system when it is cool.

Warning:

Avoid contact with HOT components. Wear safety glasses and protective gloves to avoid personal injury.



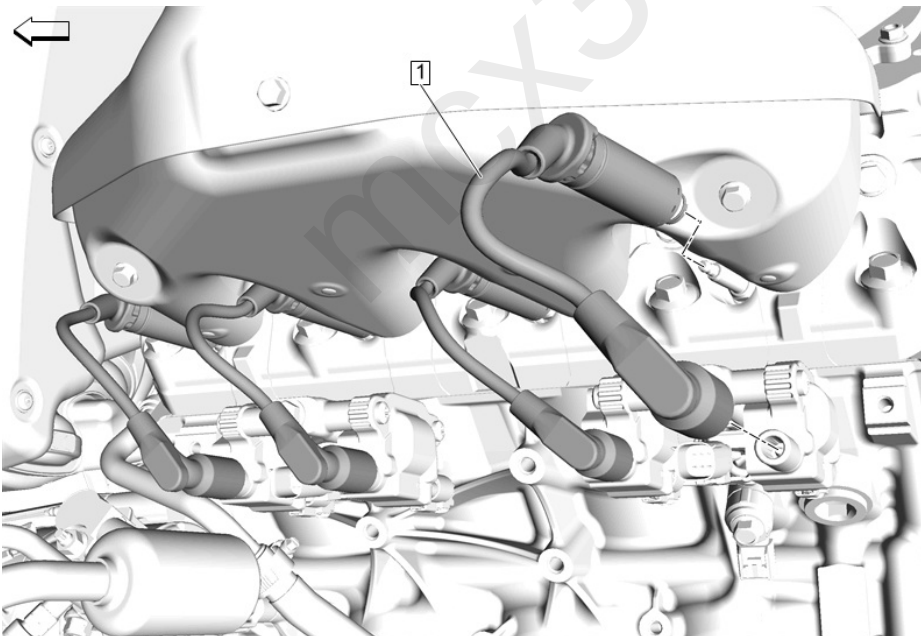
1.
[Click here for full size](#)
2. Catalytic Converter - Left Side (1) >> [Remove - Catalytic Converter Replacement - Left Side](#)



3.

[Click here for full size](#)

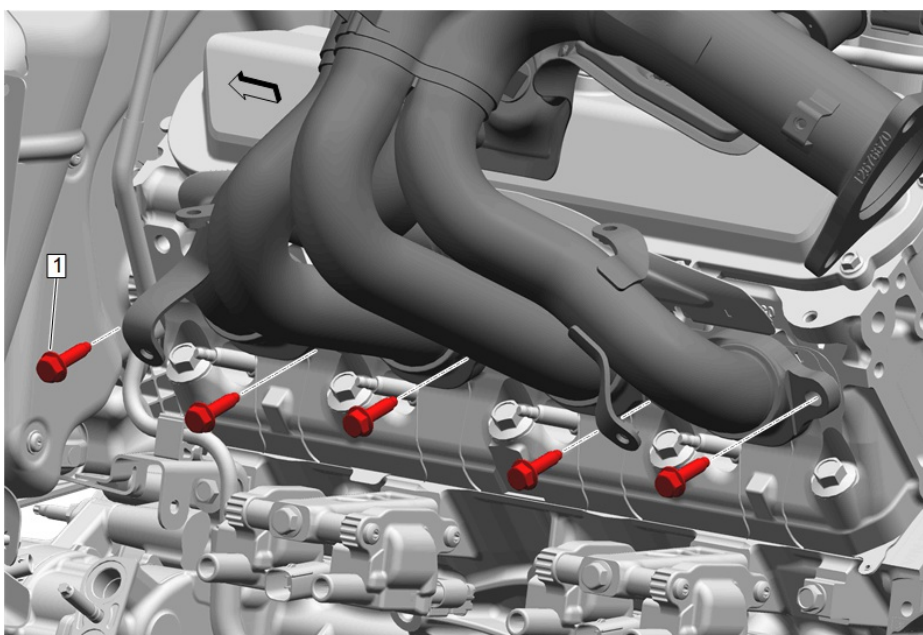
4. Exhaust Manifold Lower Heat Shield (1) >>> Remove - Exhaust Manifold Lower Heat Shield Replacement - Lower Left Side



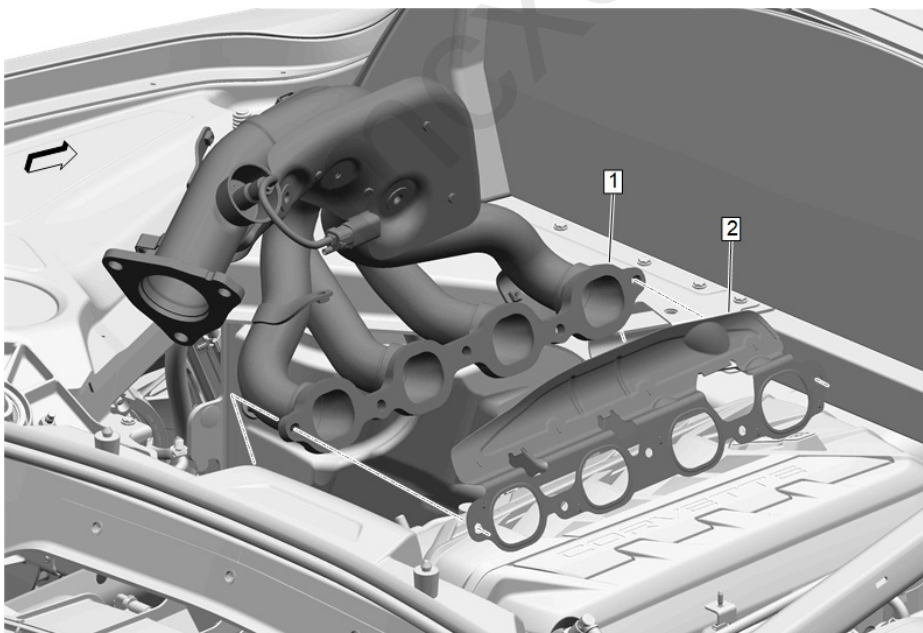
5.

[Click here for full size](#)

6. Spark Plug Wire - Left Side (1) @ Spark Plug >>> Remove and position aside [4x] - Spark Plug Wire Replacement - Left Side



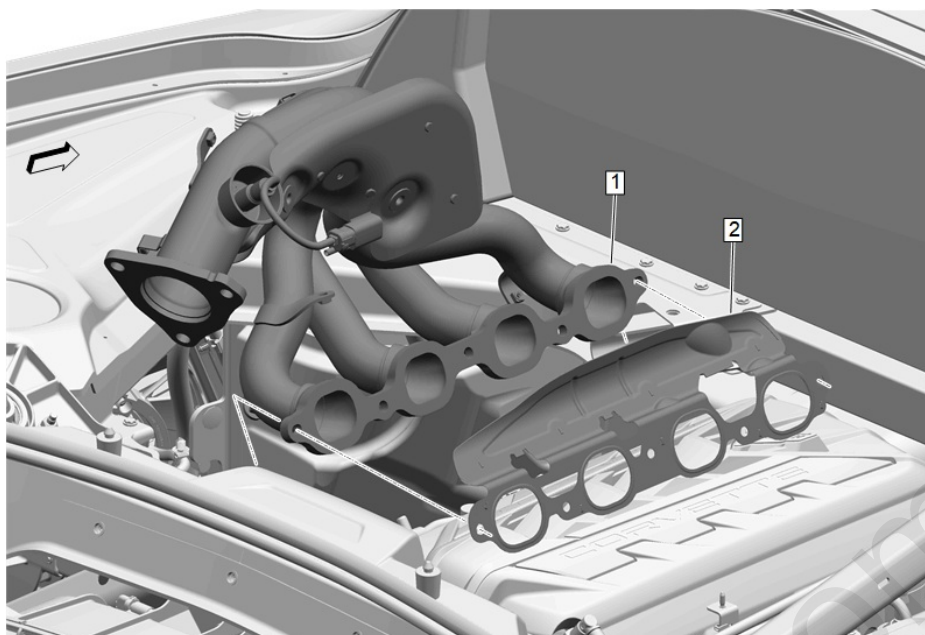
7. [Click here for full size](#)
8. Exhaust Manifold Bolt (1) >> Remove and DISCARD [5x]
9. Remove the support and lower the vehicle.



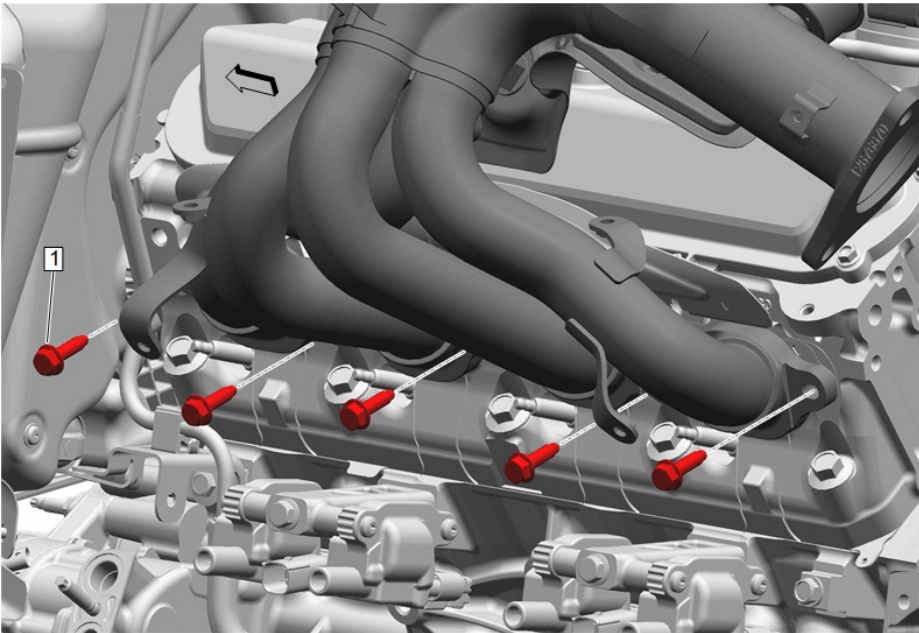
10. [Click here for full size](#)
11. Exhaust Manifold (1) >> Remove
12. Exhaust Manifold Gasket (2) >> Remove and DISCARD

13. Transfer components as necessary.

Installation Procedure



1. [Click here for full size](#)
2. Exhaust Manifold Gasket (2) >>> Install NEW
3. Exhaust Manifold (1) >>> Install
4. Raise and support the vehicle.



5.
Click here for full size

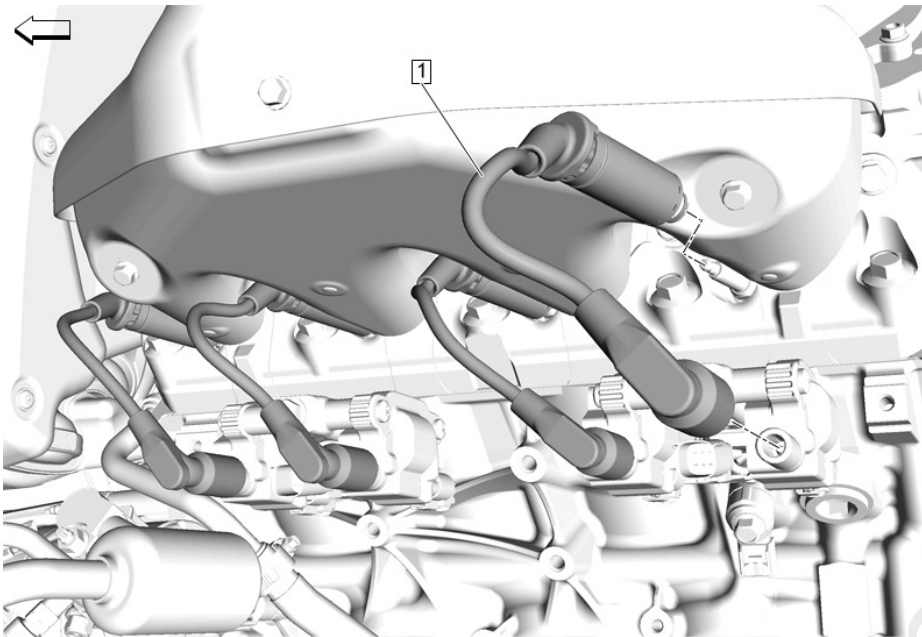
6. Note:

The cylinder head exhaust manifold bolt hole threads must be clean and free of debris or threadlocking material.

7. Exhaust Manifold Bolt (1) >>> Install NEW and tighten [5x]

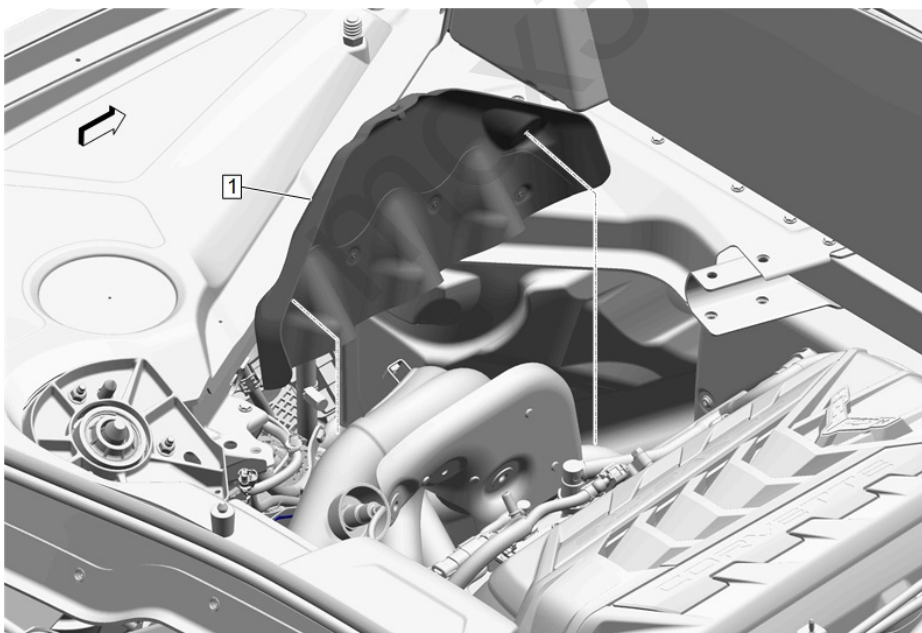
8.

1. First Pass: 27 N-m (20 lb ft)
2. Second Pass: loosen 180 degrees
3. Final Pass: 23 N-m (17 lb ft)



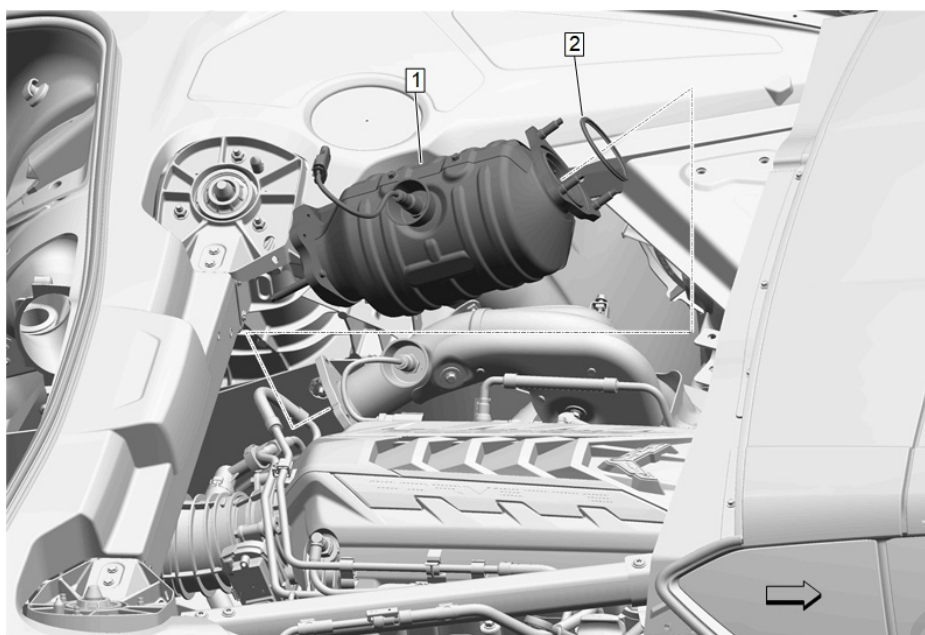
9.
[Click here for full size](#)

10. Spark Plug Wire - Left Side (1) @ Spark Plug >> Install [4x] - Spark Plug Wire Replacement - Left Side



11.
[Click here for full size](#)

12. Exhaust Manifold Lower Heat Shield (1) >> Install - Exhaust Manifold Lower Heat Shield Replacement - Lower Left Side



13. [Click here for full size](#)
14. Catalytic Converter - Left Side (1) >> Install - Catalytic Converter Replacement - Left Side
15. Inspect the exhaust system for leaks.