

2022 CHEVROLET CORVETTE SERVICE MANUAL

- **SEARCH**

1. **Engine/Propulsion**

2. **Engine Mechanical - 6.2L (LT2)**

3. **Repair Instructions**

- 4.

Engine Support Fixture (Convertible)

Special Tools

- *EN-36857* Engine Lift Bracket
- *EN-51007* Engine Support Fixture
- *EN-51007-100* Engine Support Fixture Adapters
- *EN-51768-1* Engine Support Fixture Adapter Bolt - M8
- *EN-52059* Engine Support Fixture Adapter Bolt - M10

Equivalent regional tools: Special Tools

Installation Procedure

1. Click here for full size
2. Warning:

Refer to Folding Top and Folding Top Stowage Compartment Lid Operation Warning.

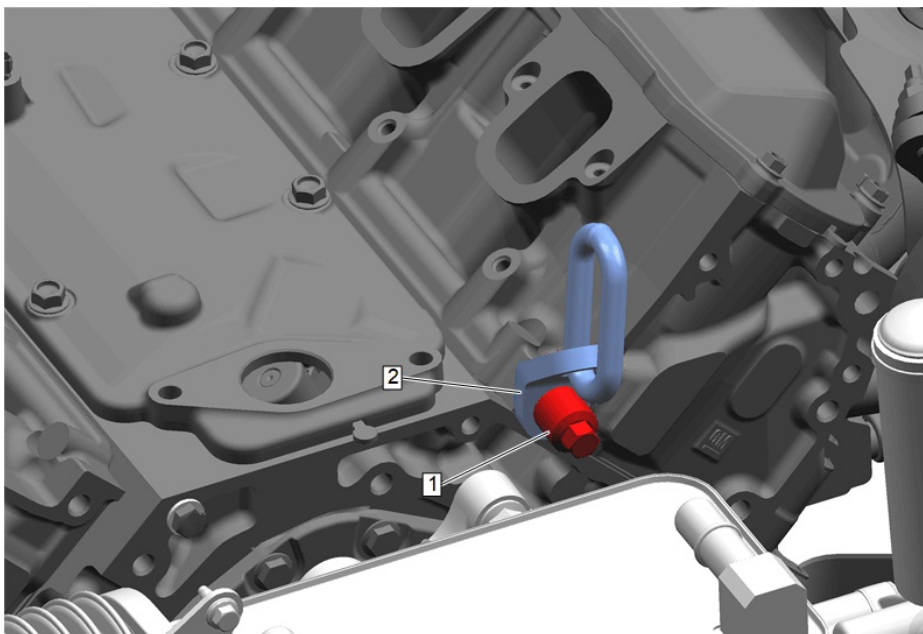
3. Warning:

Refer to Folding Top Stowage Compartment Lid Heat Warning.

4. Caution:

Refer to Folding Top Guidelines Caution.

5. With the aid of an assistant, remove the folding top stowage compartment lid (2). Folding Top Stowage Compartment Lid Replacement
6. Click here for full size
7. Rear Window Panel (2>) >> Remove - Rear Window Panel Replacement

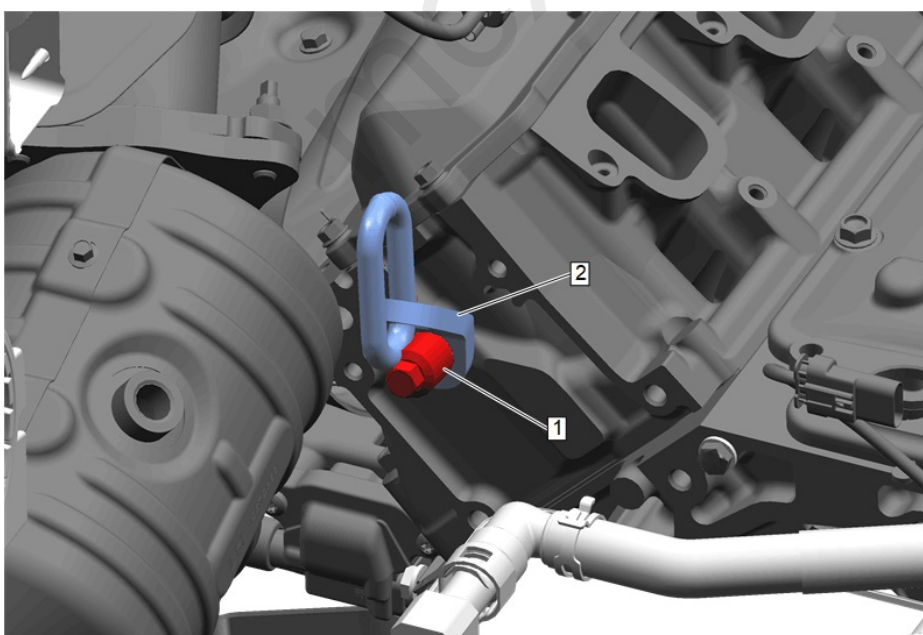


8. [Click here for full size](#)

9. **Caution:**

Refer to Fastener Caution.

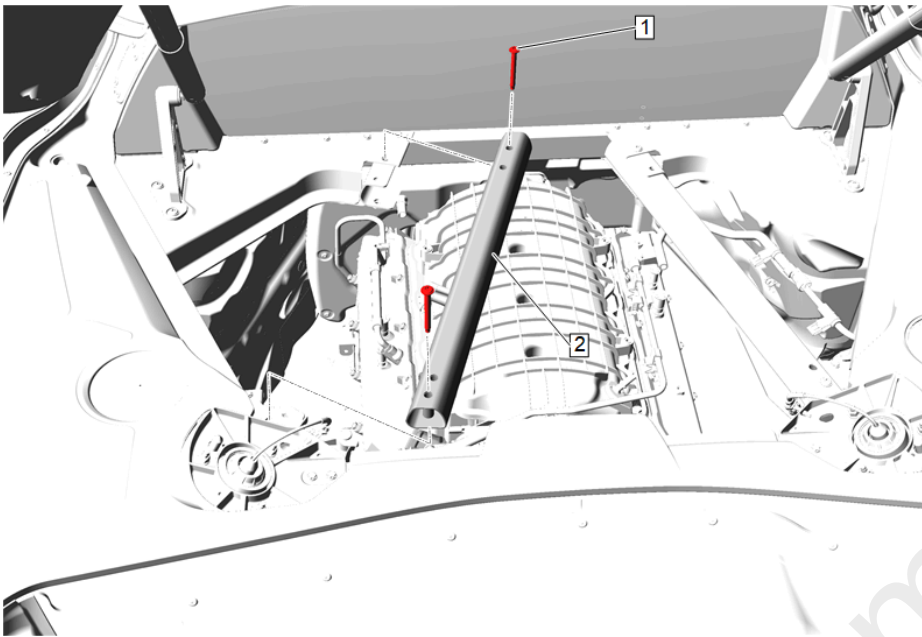
10. Install the *EN-52059* Engine Support Fixture Adapter Bolt - M10 (1) and the *EN-36857* Engine Lift Bracket (2) on the bank two cylinder head. Tighten the *EN-52059* Engine Support Fixture Adapter Bolt - M10 to 65 N-m (48 lb ft)



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

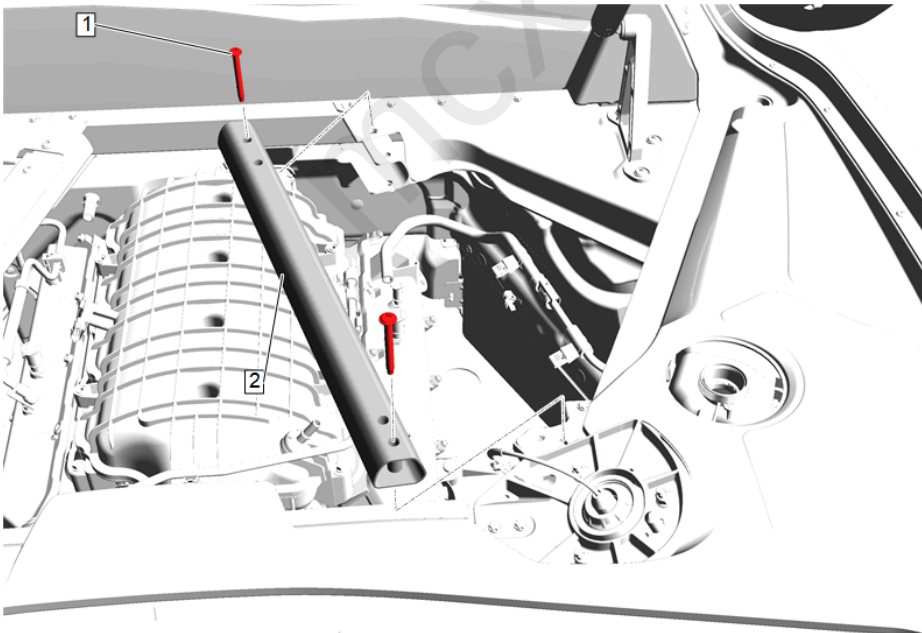
12. Install the *EN-52059* Engine Support Fixture Adapter Bolt - M10 (1) and the *EN-36857* Engine Lift Bracket (2) on the bank

one cylinder head. Tighten the *EN-52059* Engine Support Fixture Adapter Bolt - M10 to 65 N-m (48 lb ft)



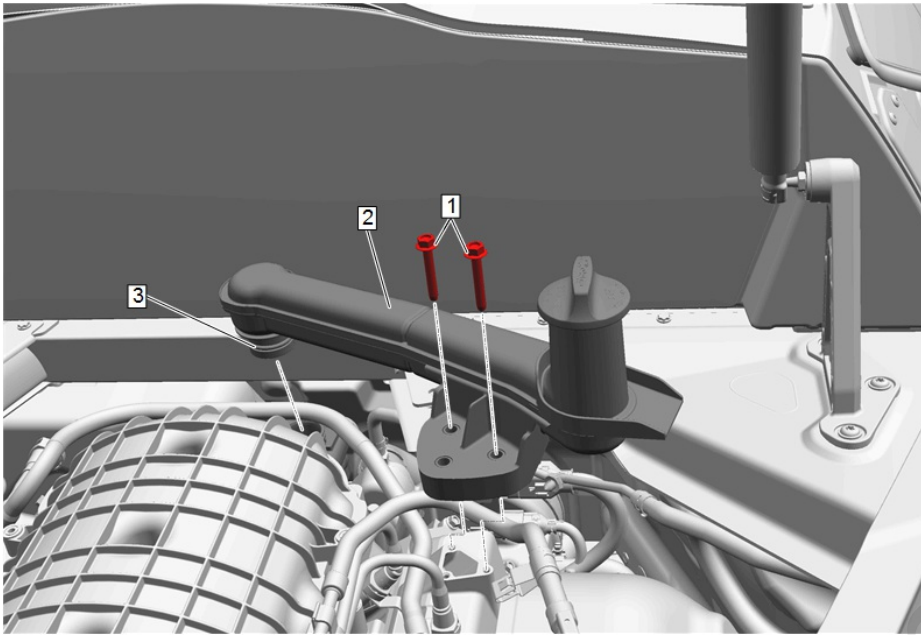
13.
[Click here for full size](#)

14. Load Floor Panel Rear Cross Bar (2>) >> Remove - Load Floor Panel Rear Cross Bar Replacement - Left Side



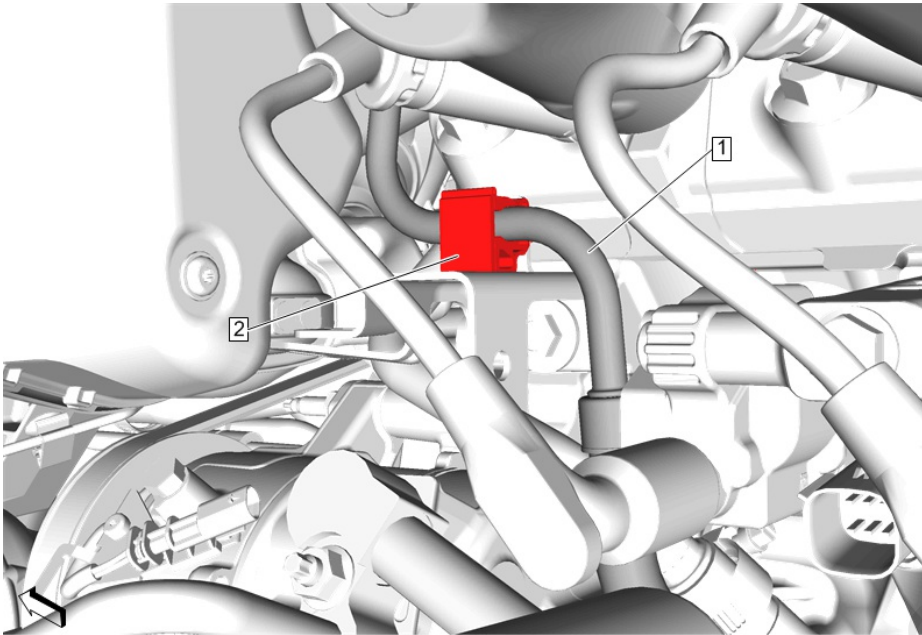
15.
[Click here for full size](#)

16. Load Floor Panel Rear Cross Bar (2>) >> Remove - Load Floor Panel Rear Cross Bar Replacement - Right Side

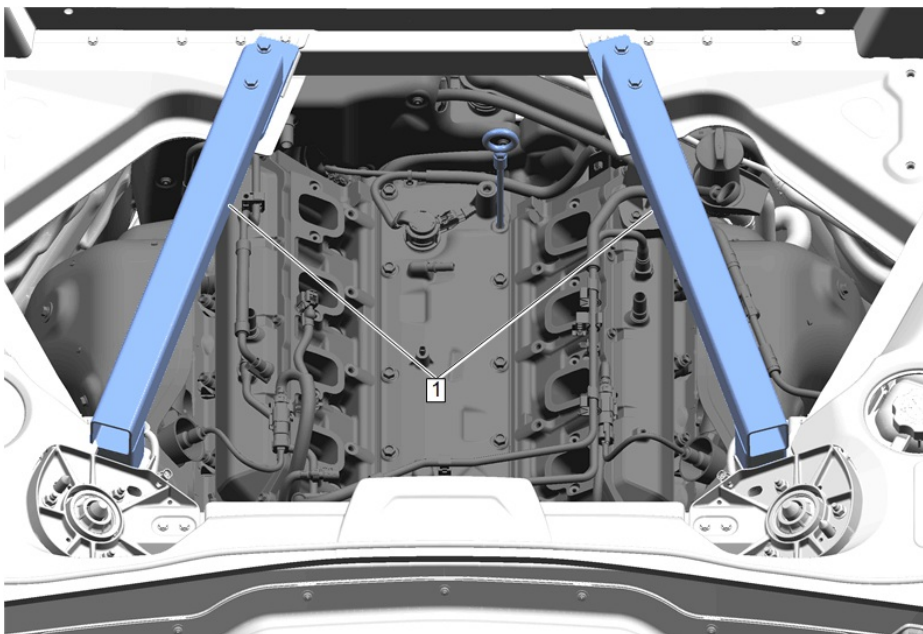


17. [Click here for full size](#)
18. Oil Filler Tube (2>) >> Remove - Oil Filler Tube Replacement
19. [Click here for full size](#)
20. Note:

The shield does not need to be completely removed. Part of the shield overlaps with the lift hook location, pull the bolts in the heat shield so it can be repositioned out of the way.
21. Exhaust Manifold Lower Heat Shield - Upper Right Side (1>) >> Reposition - Exhaust Manifold Lower Heat Shield Replacement - Upper Right Side
22. [Click here for full size](#)
23. Install the *EN-51768-1* Engine Support Fixture Adapter Bolt - M8 (1) and the *EN-36857* Engine Lift Bracket (2) on the bank two cylinder head. Tighten the *EN-51768-1* Engine Support Fixture Adapter Bolt - M8 to 65 N-m (48 lb ft).

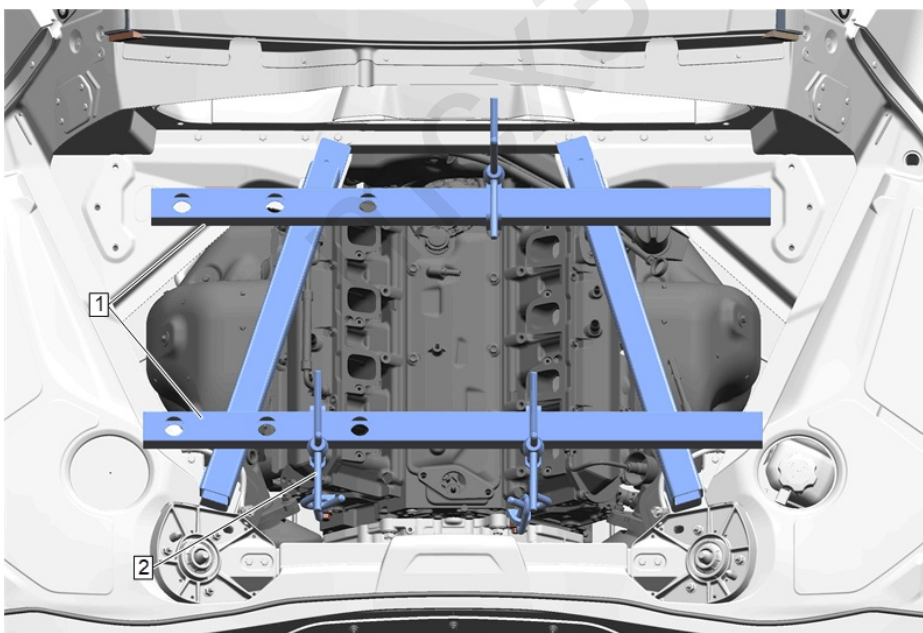


24. [Click here for full size](#)
25. Retainer Clip (2>) Disconnect @ Fuel Feed Rear Hose (1>) - Fuel Feed Rear Hose Replacement
26. Fuel Feed Rear Hose (1>) >> Reposition
27. Use a grease pencil, outline various contours of the folding top front latch stowage striker.
28. [Click here for full size](#)
29. { If equipped } Disconnect the electrical connector.
30. Folding Top Rear Latch Striker Nut (1) >> Remove [2x]
31. Folding Top Rear Latch Striker (2) >> Remove
32. [Click here for full size](#)
33. Install the *EN-52059*, Engine Support Fixture Adapter Bolt - M10 (1) and the *EN-36857*, Engine Lift Bracket (2) on the bank one cylinder head. Tighten the *EN-52059*, Engine Support Fixture Adapter Bolt - M10 to 65 N-m (48 lb ft).



34.
[Click here for full size](#)

35. Install the *EN-51007-100* Engine Support Fixture Adapters (1).



36.
[Click here for full size](#)

37. Install the *EN-51007-3* Radiator Support Beam (1) to the *EN-51007-100* Engine Support Fixture Adapters (2).

38. Install the 4 *EN-51007-4* Clamp Assembly (5) to the *EN-51007-100* Engine Support Fixture Adapters (2).

39. Attach the *EN-51007-6* Hook (3) to the *EN-36857* Engine Lift Bracket (4) and hand tighten the lift hook wing nuts securely to

remove all slack from the engine support fixture assembly.

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