

2022 CHEVROLET CORVETTE SERVICE MANUAL

- **SEARCH**

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

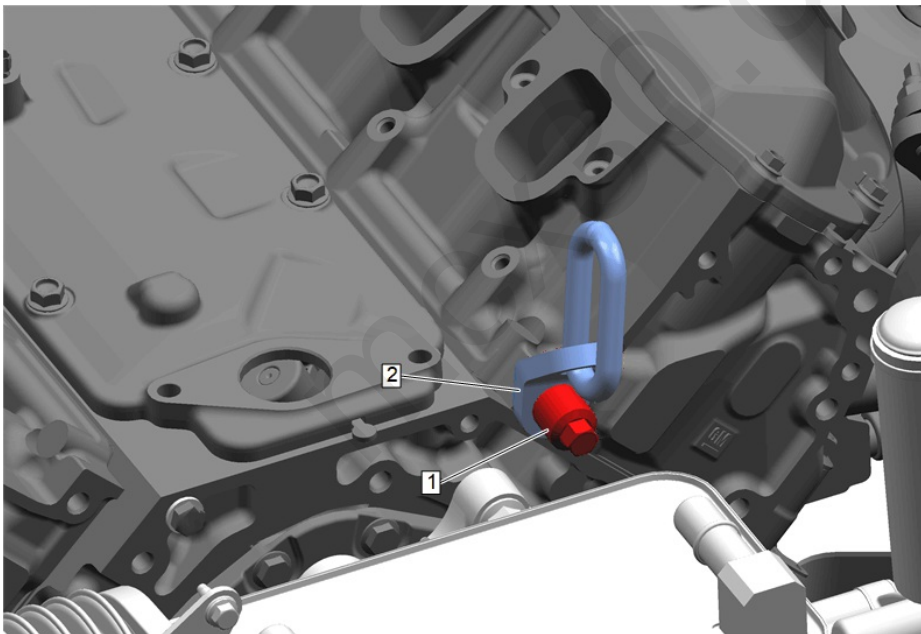
Engine Support Fixture (Coupe)

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

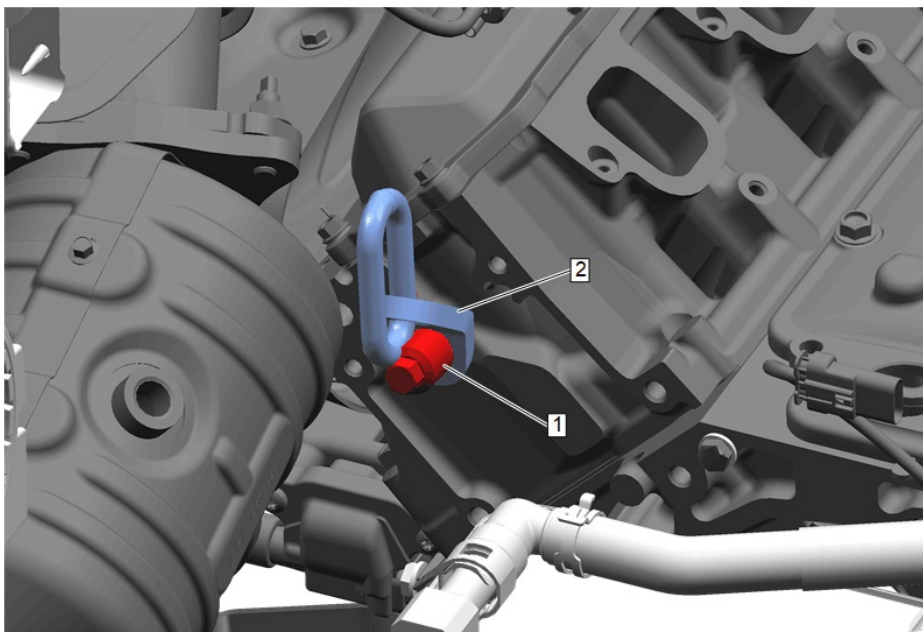
Equivalent regional tools: Special Tools

Installation Procedure

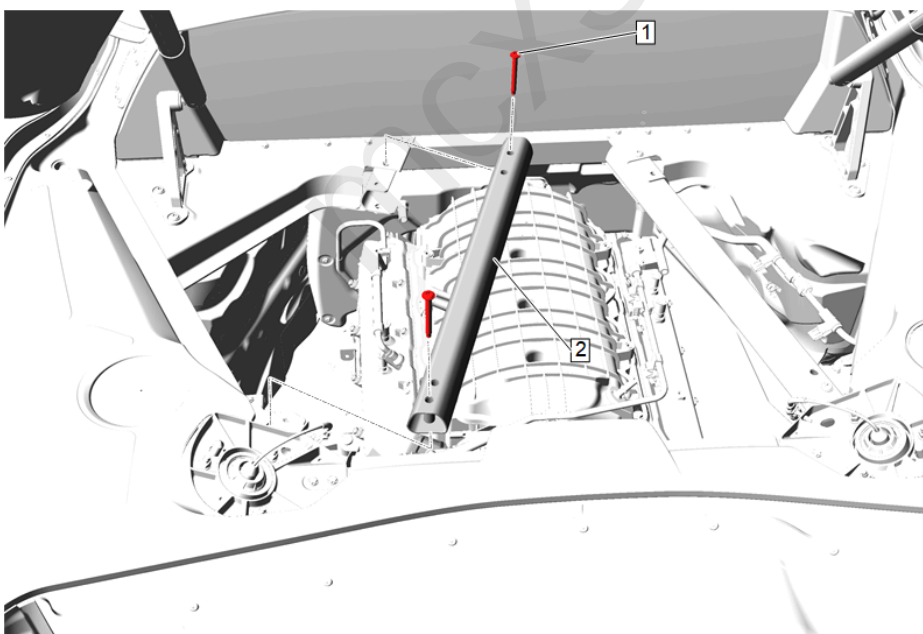


1. [Click here for full size](#)
2. **Caution:**

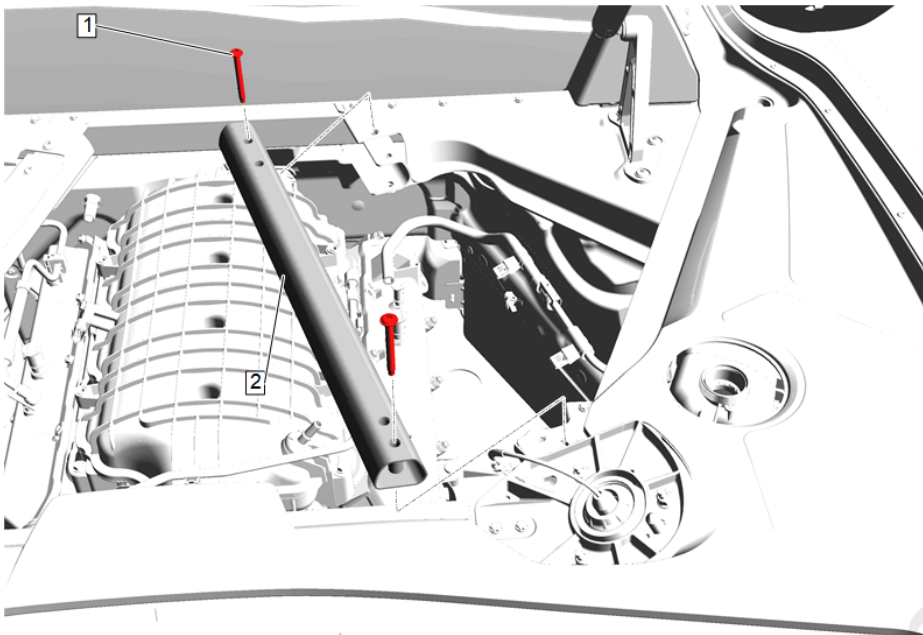
Refer to Fastener Caution.
3. Install *EN-52059* Engine Support Fixture Adapter Bolt - M10 (1) and *EN-36857* Engine Lift Bracket (2) on the bank two cylinder head. Tighten the *EN-52059* Engine Support Fixture Adapter Bolt - M10 to 65 N-m (48 lb ft)



4. [Click here for full size](#)
5. Install *EN-52059*, Engine Support Fixture Adapter Bolt - M10 (1) and *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)

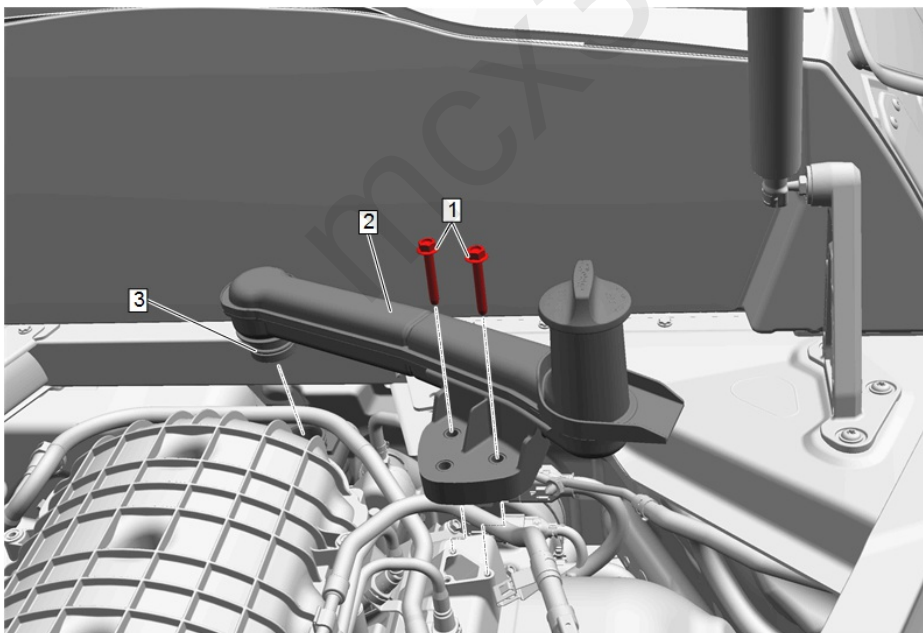


6. [Click here for full size](#)
7. Load Floor Panel Rear Cross Bar (2>) >> Remove - Load Floor Panel Rear Cross Bar Replacement - Left Side



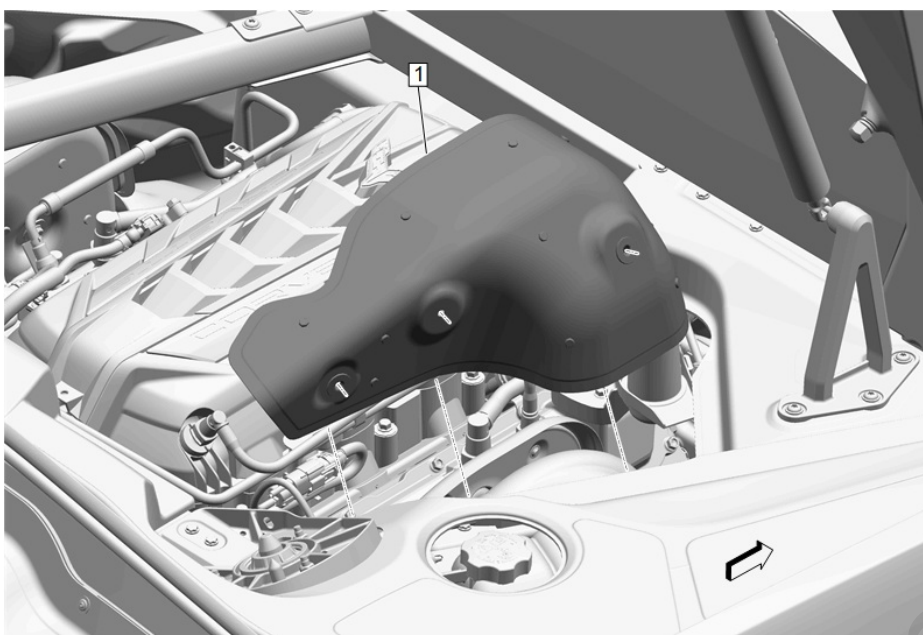
8.
[Click here for full size](#)

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



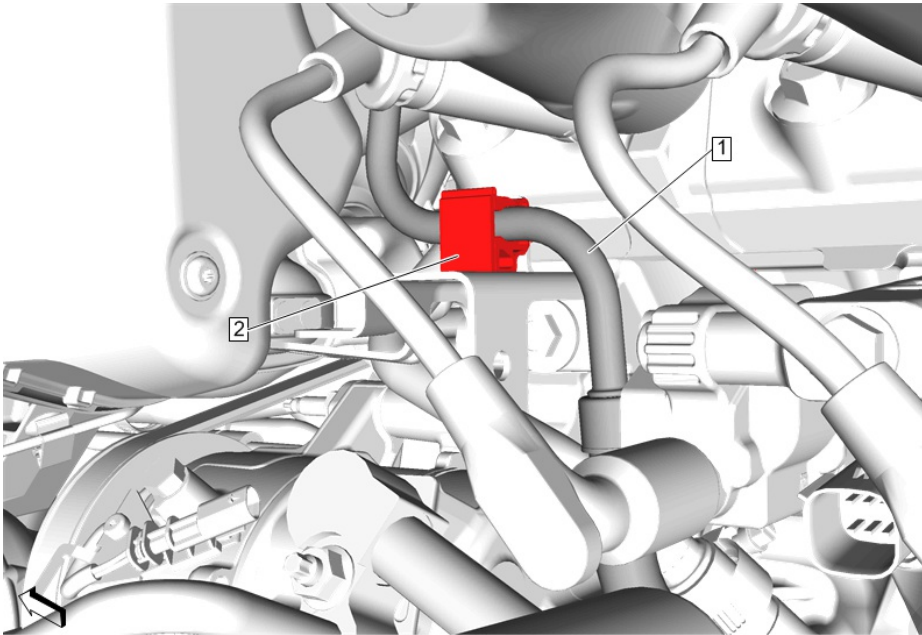
10.
[Click here for full size](#)

11. Oil Filler Tube (2>) >> Remove - Oil Filler Tube Replacement

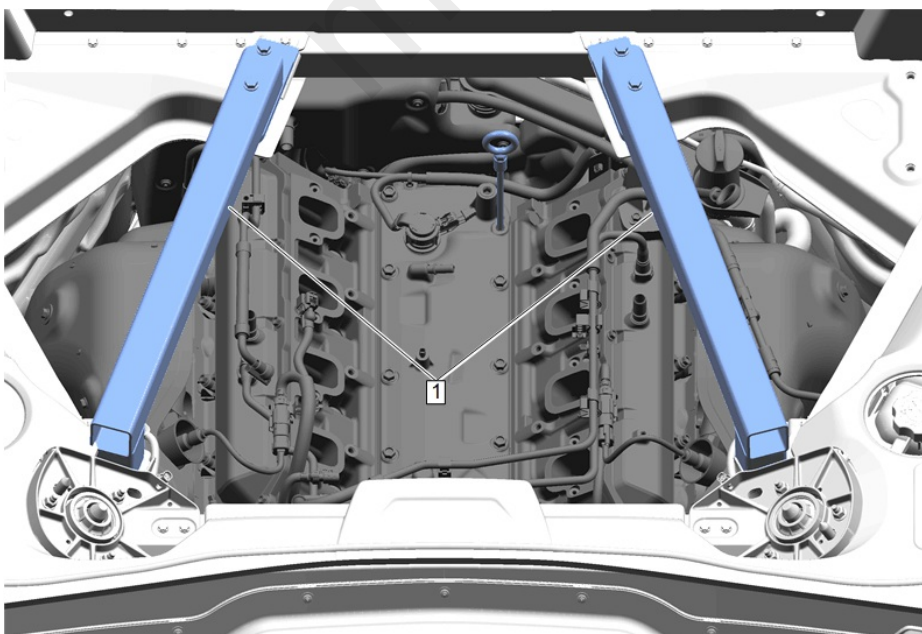


12. [Click here for full size](#)
13. Note:

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.
14. Exhaust Manifold Upper Heat Shield (1) >> Reposition - Exhaust Manifold Upper Heat Shield Replacement - Right Side
15. [Click here for full size](#)
16. Install *EN-51768-1* Engine Support Fixture Adapter Bolt - M8 (1) and *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)

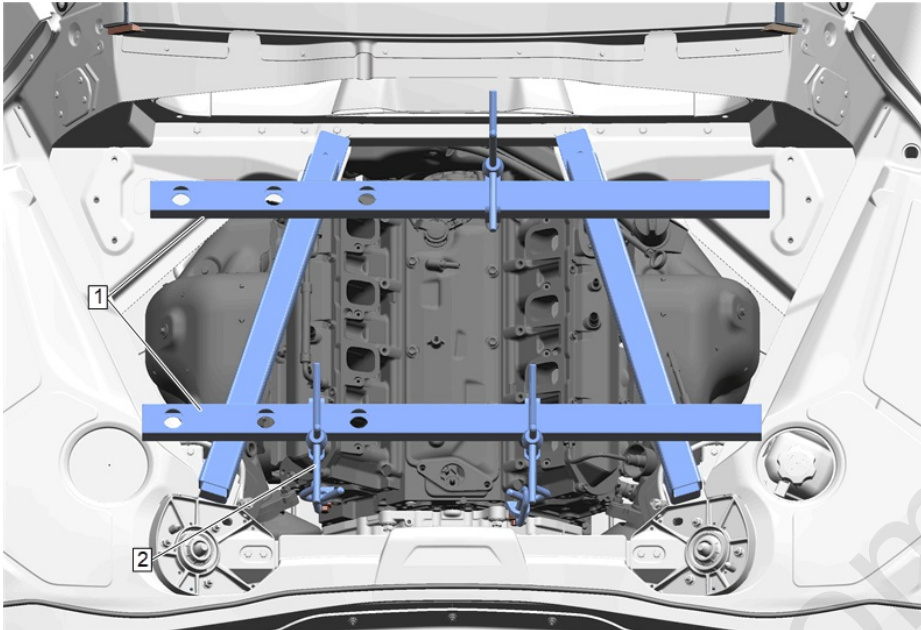


17. [Click here for full size](#)
18. Retainer Clip (2>) Disconnect @ Fuel Feed Rear Hose (1>) - Fuel Feed Rear Hose Replacement
19. Fuel Feed Rear Hose (1>) >> Reposition
20. [Click here for full size](#)
21. Install *EN-52059*, Engine Support Fixture Adapter Bolt - M10 (1) and *EN-36857*, Engine Lift 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)



[Click here for full size](#)

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



24. [Click here for full size](#)
25. Install *EN-51007-3* Radiator Support Beam (1) to *EN-51007-100* Engine Support Fixture Adapters (2).
26. Install 4 *EN-51007-4* Clamp Assembly (5) to *EN-51007-100* Engine Support Fixture Adapters
27. 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.