

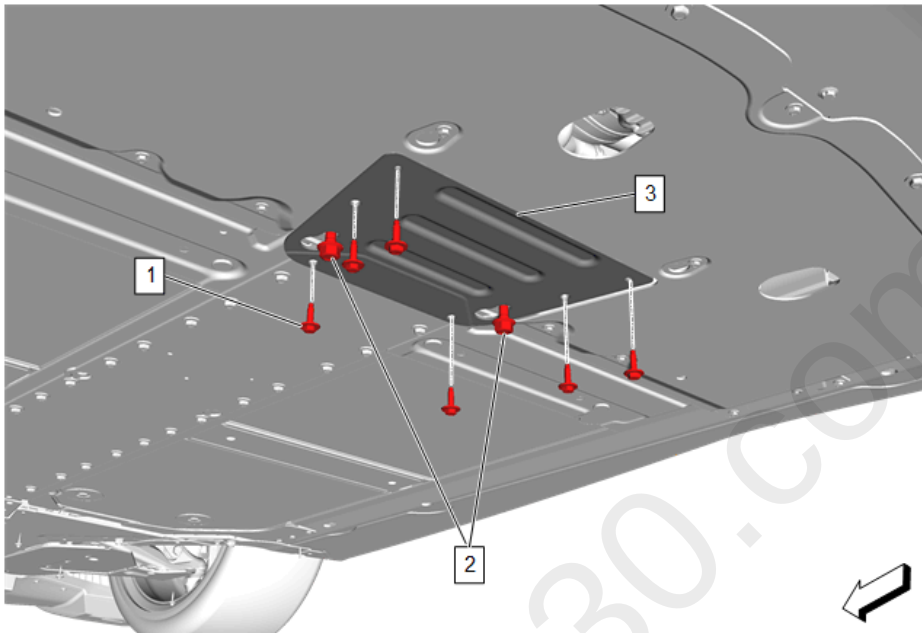
2022 CHEVROLET CORVETTE SERVICE MANUAL

- SEARCH

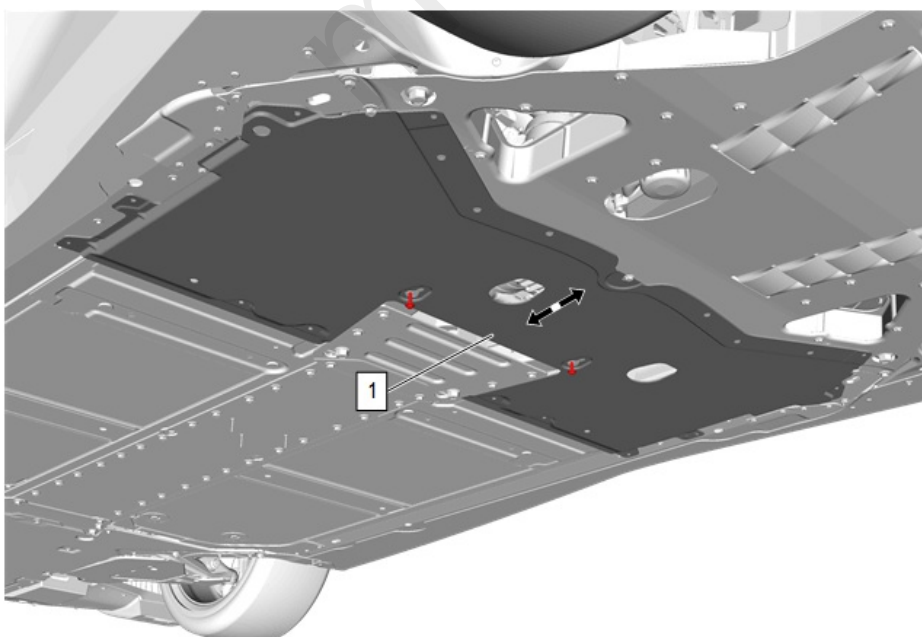
1. [Body Repair](#)
2. [Frame and Underbody](#)
3. [Repair Instructions](#)
- 4.

Rear Suspension Front Extension Replacement - Left Side

Removal Procedure

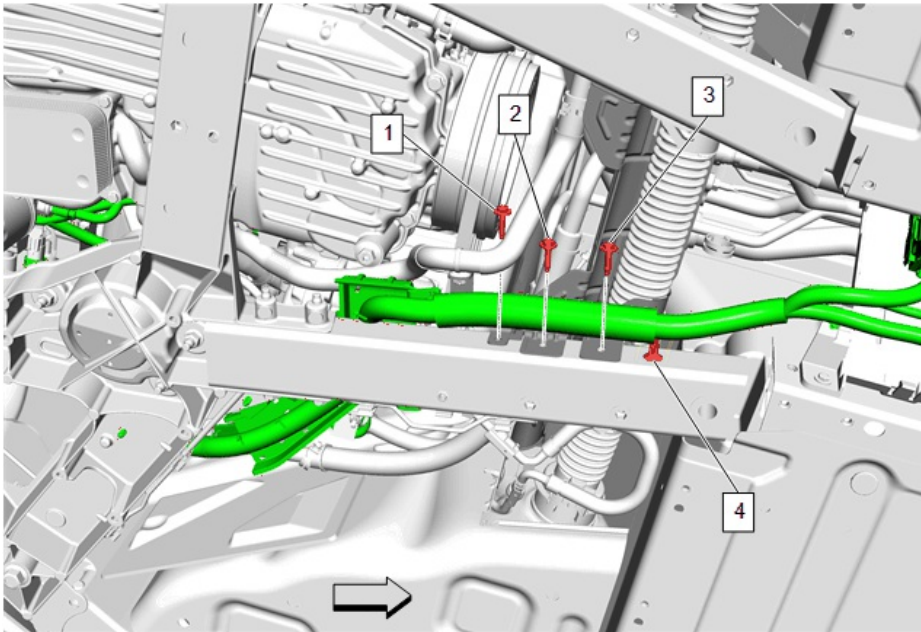


1. [Click here for full size](#)
2. [Floor Panel Tunnel Panel Reinforcement \(3>\)>> Remove - Floor Panel Tunnel Panel Reinforcement Replacement](#)



3. [Click here for full size](#)
4. [Underbody Rear Air Deflector \(1\)>> Remove - Underbody Rear Air Deflector Replacement](#)

5. Support the rear cradle with a suitable jack.



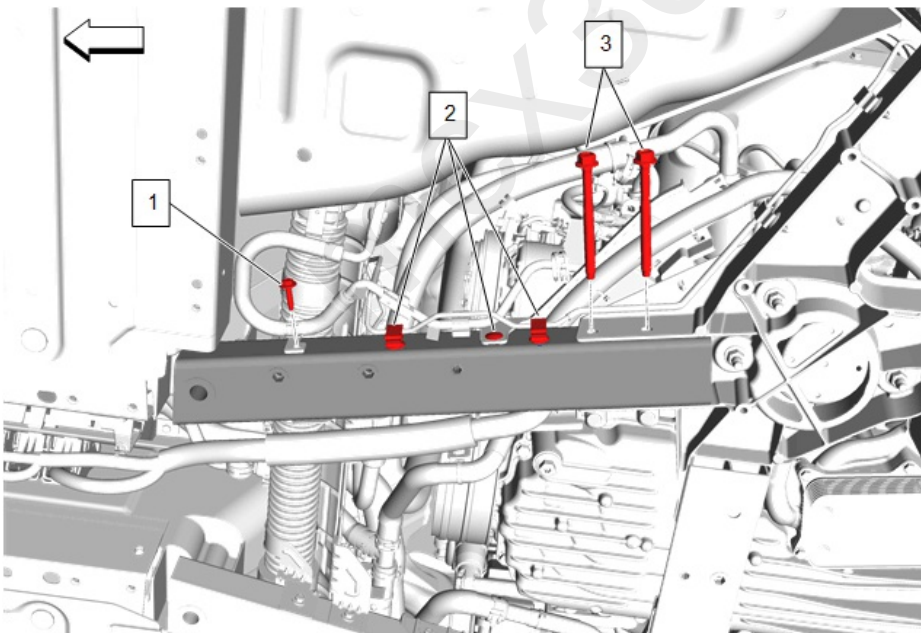
6.
[Click here for full size](#)

7. Auxiliary Water Pump Inlet Hose Bracket Bolt (1) >>> Remove

8. Fuel Front Pipe Shield Bolt (2>) >>> Remove

9. Fuel Tank Crossover Pipe Bolt (3>) >>> Remove

10. Retainer (4>) >>> Disengage



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

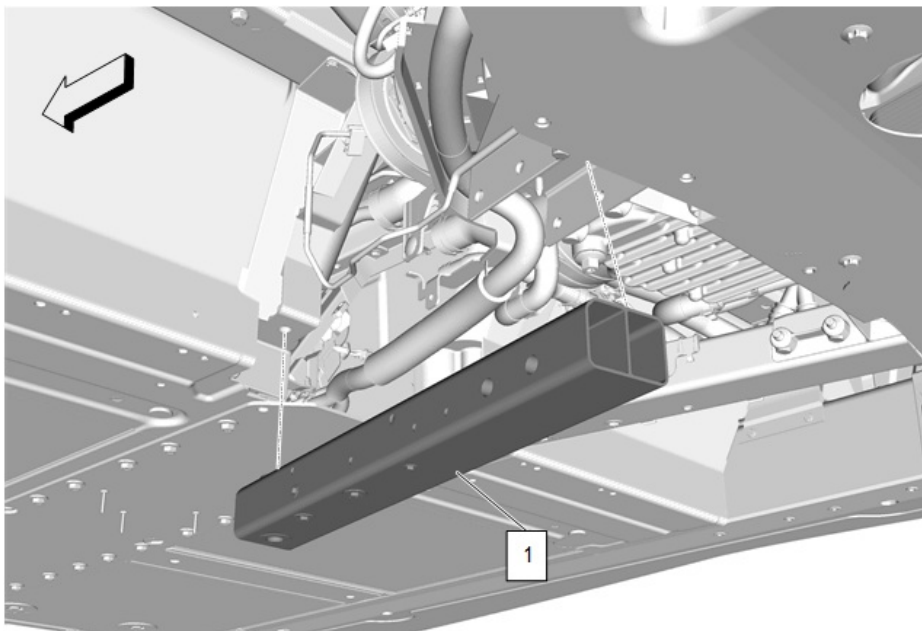
12. Retainer Clip (2>) >>> Disengage [3>x]

13. Retainer (4>) >>> Disengage

14. Fuel Feed Front Hose Clip Bolt (1) >>> Remove

15. Rear Cradle Brace Bolt (5>) >>> Remove

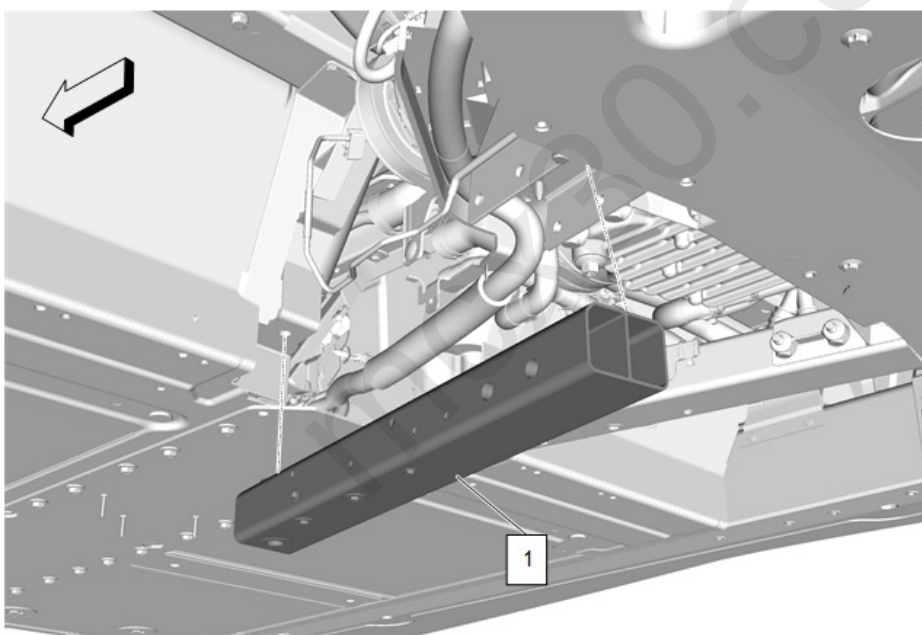
16. Rear Cradle Brace Bolt (3>) >>> Remove and DISCARD [2>x]



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

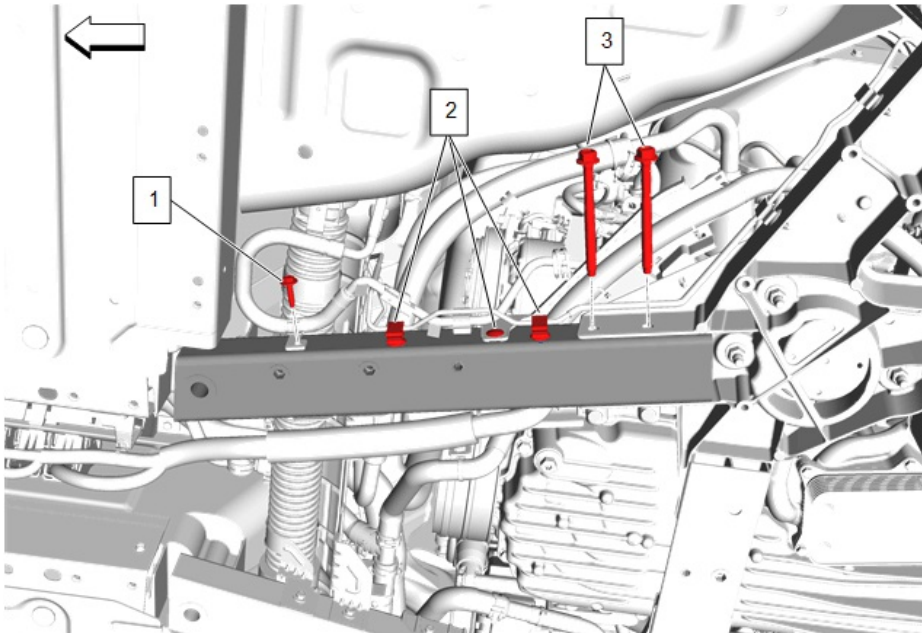
18. Rear Suspension Front Extension - Left Side (1) >> Remove

Installation Procedure



1.
[Click here for full size](#)

2. Rear Suspension Front Extension - Left Side (1) >> Install



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

4. **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.

5. **Caution:**

Refer to Fastener Caution

6. Rear Cradle Brace Bolt (5>) >> Loosely install

7. Rear Cradle Brace Bolt (3>) >> Install NEW and tighten [2>x]

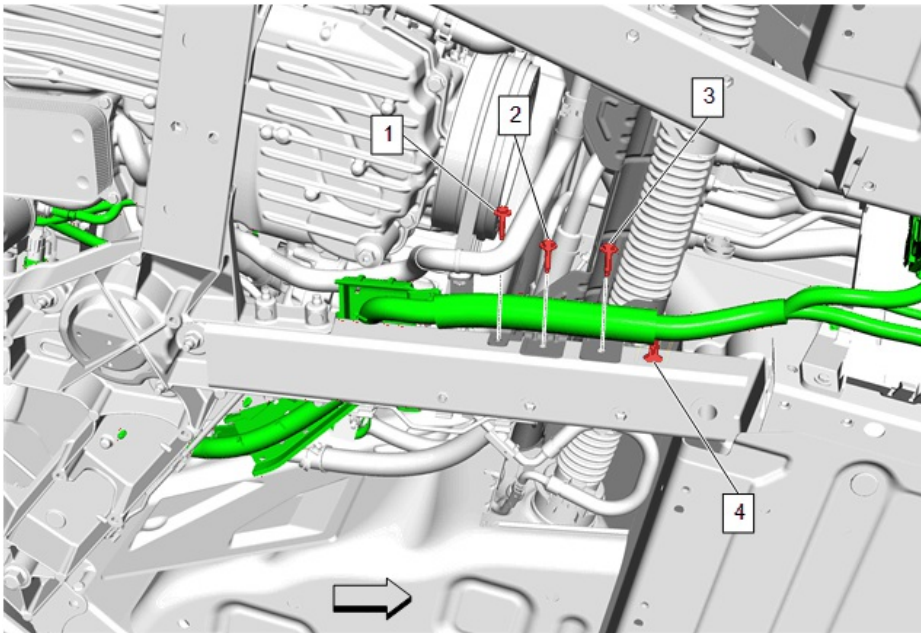
8.

1. First Pass: 58N-m (43 lb ft)
2. Final Pass: 90° ± 105 degrees

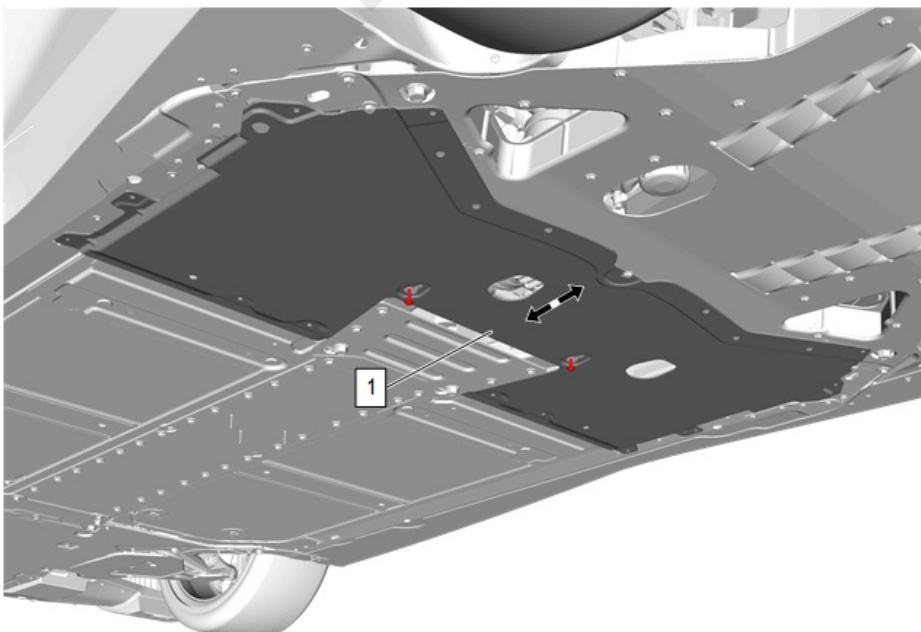
9. Retainer Clip (2>) >> Engage [3>x]

10. Retainer (4>) >> Engage

11. Fuel Feed Front Hose Clip Bolt (1) >> Install - Fuel Feed Front Hose Replacement



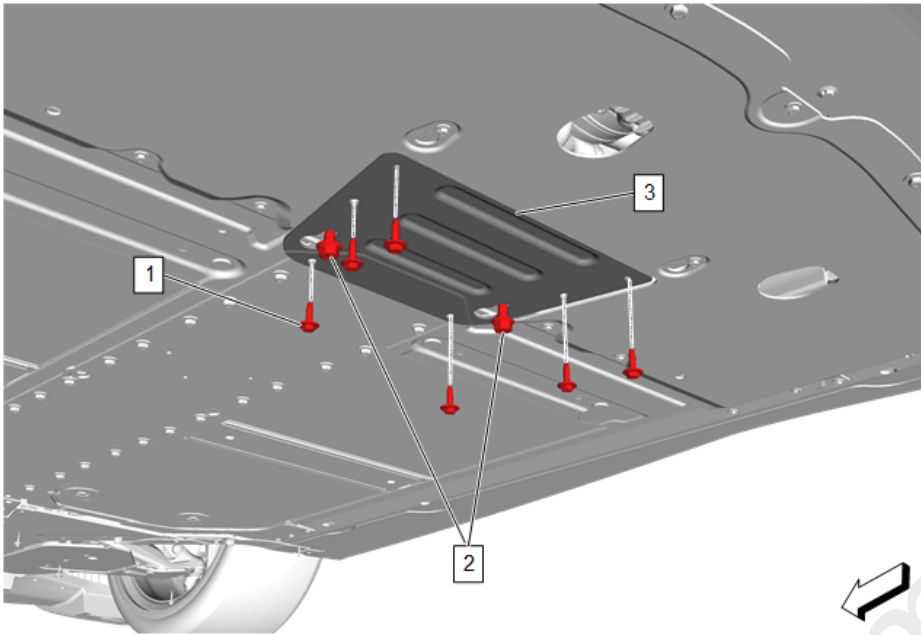
12. [Click here for full size](#)
13. Auxiliary Water Pump Inlet Hose Bracket Bolt (1) >> Install and tighten 9>N-m (80 lb in)
14. Fuel Front Pipe Shield Bolt (2>) >> Install and tighten 9>N-m (80 lb in)
15. If NEW threaded components are being installed, loosen the adhesive using a metal pick or similar tool before proceeding. If threaded components are reused, prepare the threaded components using the following steps:
 16.
 1. Remove any loose cured adhesive from the external threads of the components using a lint free cloth.
 2. Thread the cleaned components into the internal mating threads and remove to loosen trapped cured adhesive.
 3. Apply thread locking adhesive to the external threads of the components. Adhesives, Fluids, Lubricants, and Sealers
 4. Ensure there are no gaps in the thread locking adhesive once applied to the component.
17. Fuel Tank Crossover Pipe Bolt (3>) >> Install and tighten 9>N-m (80 lb in)
18. Retainer (4>) >> Engage



- 19.

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20. Underbody Rear Air Deflector (1) >> Install - Underbody Rear Air Deflector Replacement



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

22. Floor Panel Tunnel Panel Reinforcement (3>) >> Install - Floor Panel Tunnel Panel Reinforcement Replacement

23. Remove the support and lower the vehicle.

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