

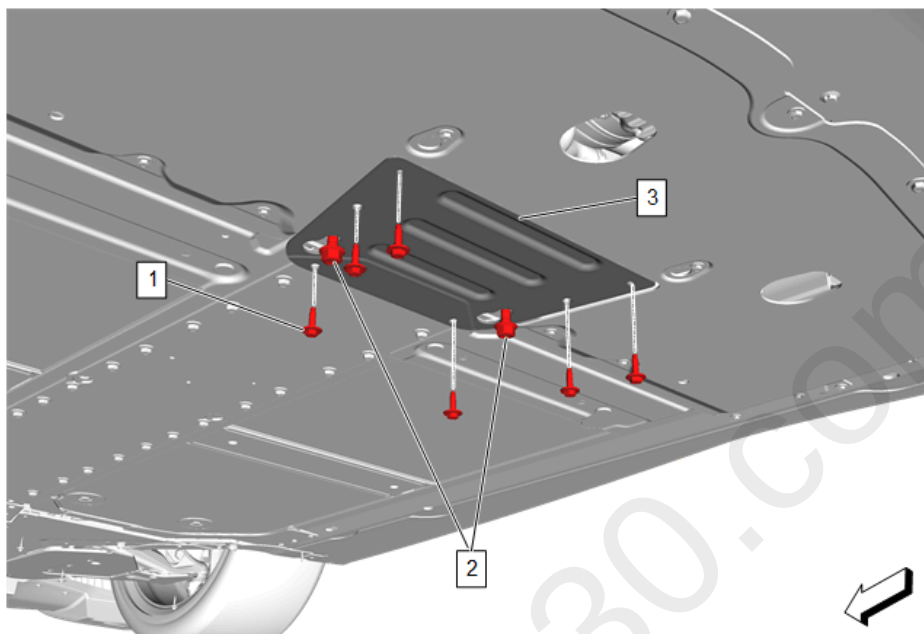
2022 CHEVROLET CORVETTE SERVICE MANUAL

- SEARCH

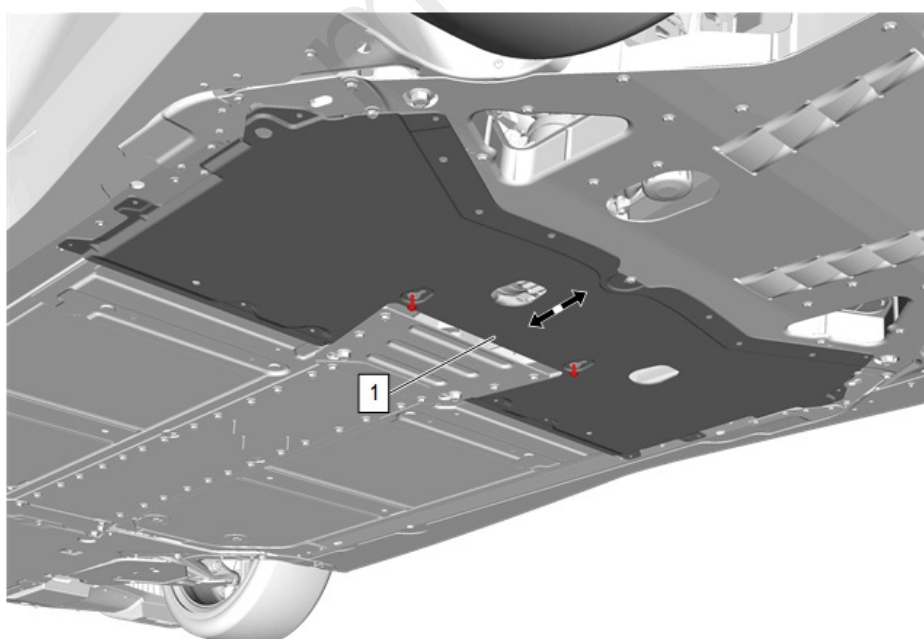
1. [Body Repair](#)
2. [Frame and Underbody](#)
3. [Repair Instructions](#)
- 4.

Rear Suspension Front Extension Replacement - Right Side

Removal Procedure

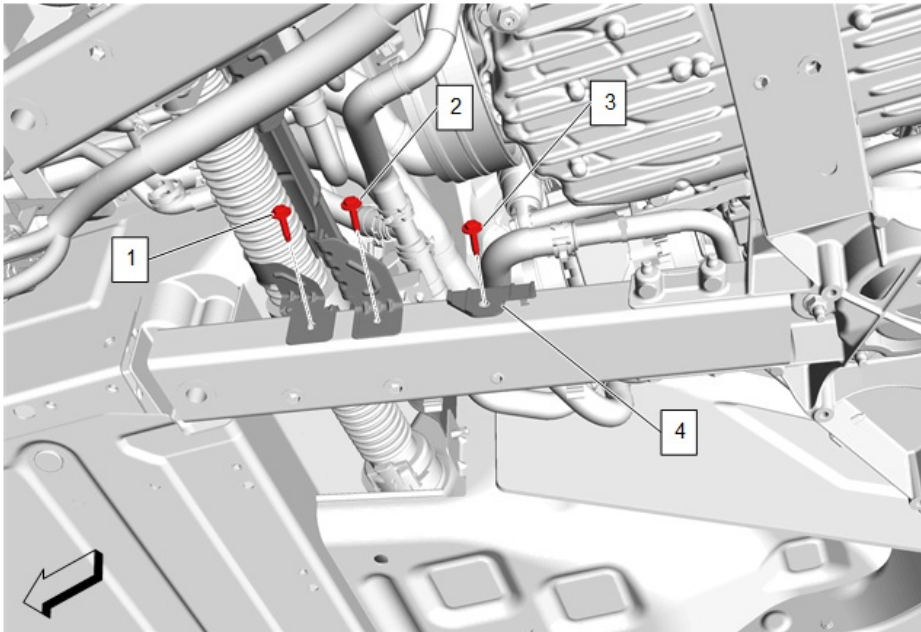


1. [Click here for full size](#)
2. [Floor Panel Tunnel Panel Reinforcement \(3>\) >> Remove - Floor Panel Tunnel Panel Reinforcement Replacement](#)



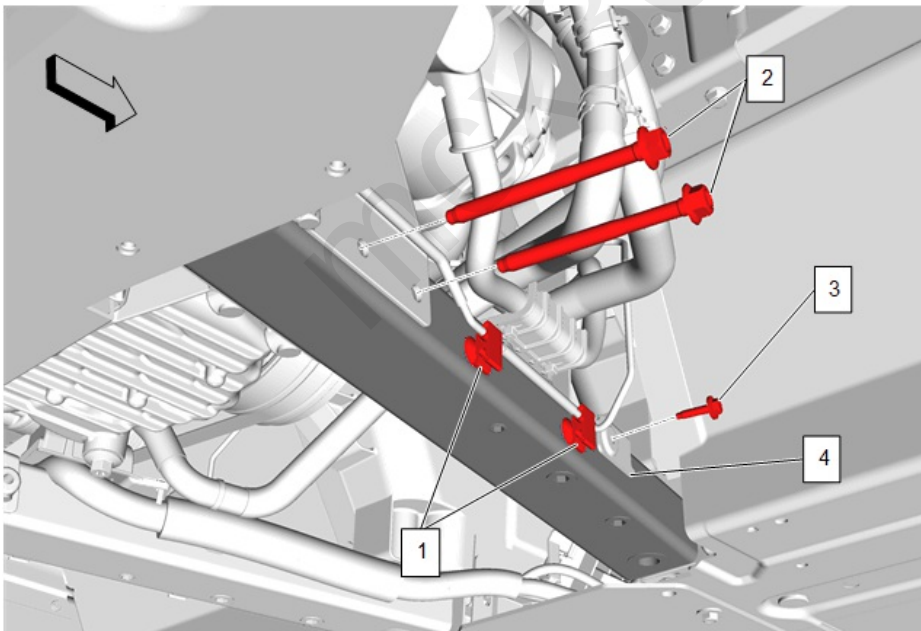
3. [Click here for full size](#)
4. [Underbody Rear Air Deflector \(1\) >> Remove - Underbody Rear Air Deflector Replacement](#)

5. Support the rear cradle with a suitable jack.

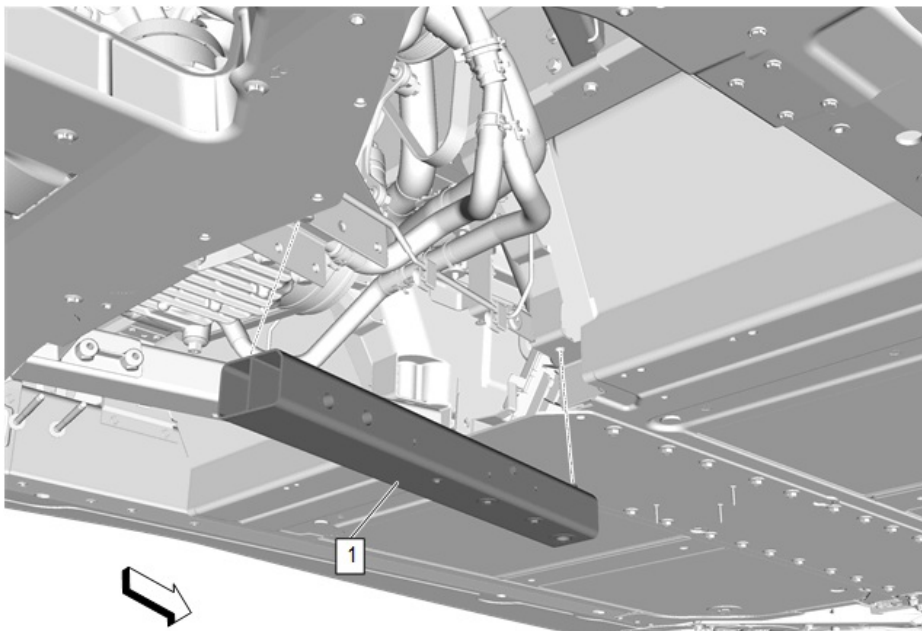


6.
[Click here for full size](#)

7. Fuel Tank Crossover Pipe Bolt (1) >> Remove
8. Fuel Front Pipe Shield Bolt (2>) >>> Remove
9. Battery Positive Cable Bracket Bolt (3>) >>> Remove
10. Battery Positive Cable Channel (4>) >> Reposition away



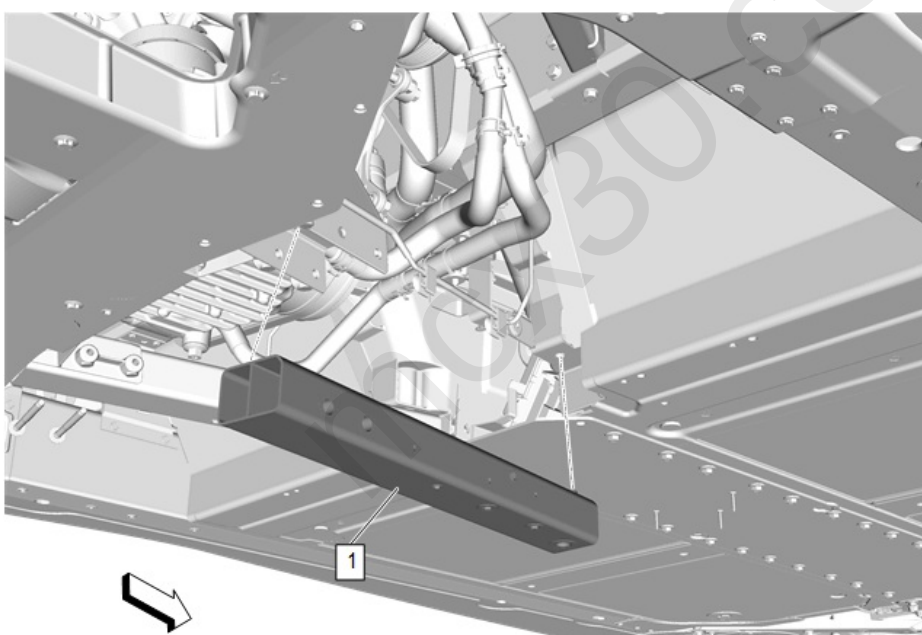
11.
[Click here for full size](#)
12. Retainer (1) >> Disengage [2>x]
13. Radiator Outlet Pipe Bracket Bolt (3>) >>> Remove
14. Radiator Outlet Pipe Bracket (4>) >> Reposition away
15. Rear Cradle Brace Bolt (5>) >>> Remove
16. Rear Cradle Brace Bolt (2>) >>> Remove and DISCARD [2>x]



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

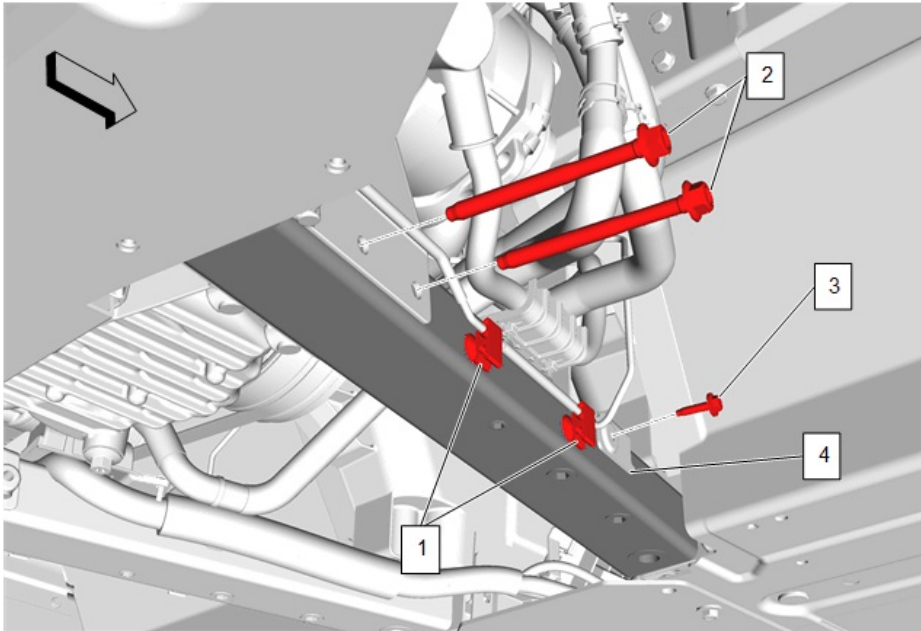
18. Rear Suspension Front Extension - Right Side (1) >> Remove

Installation Procedure



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

2. Rear Suspension Front Extension - Right 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 (2>) >> Install NEW and tighten [2>x]

7.

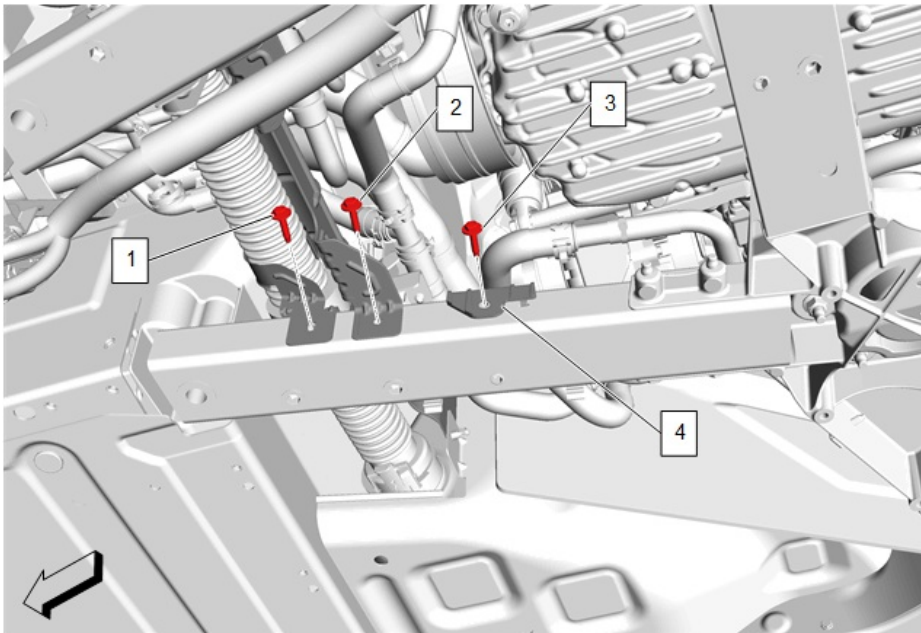
1. First Pass: 58N-m (43 lb ft)
2. Final Pass: 90°±105 degrees

8. Radiator Outlet Pipe Bracket (4>) >> Install

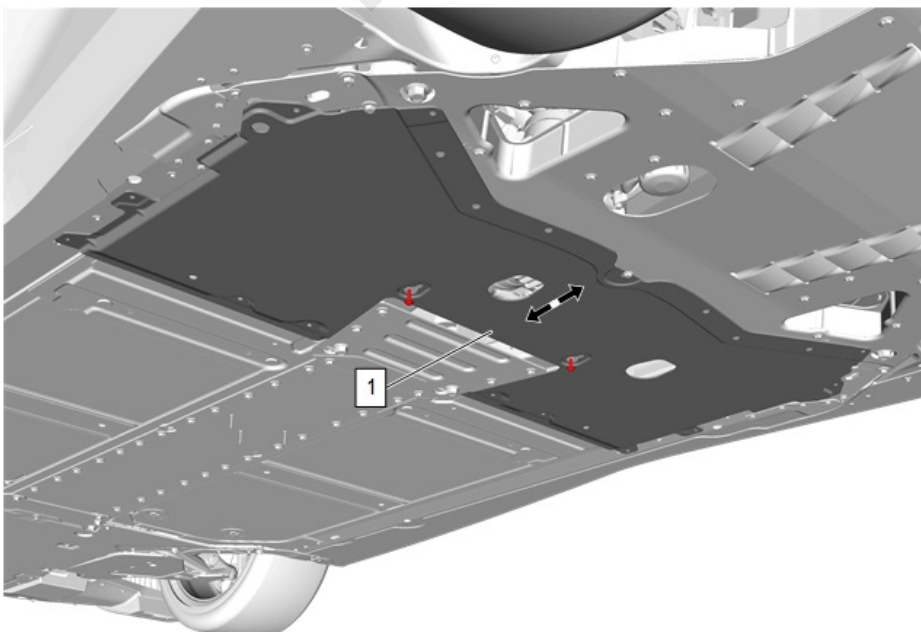
9. Radiator Outlet Pipe Bracket Bolt (3>) >> Install - Radiator Outlet Pipe Bracket Replacement

10. Retainer (1) >> Engage [2>x]

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



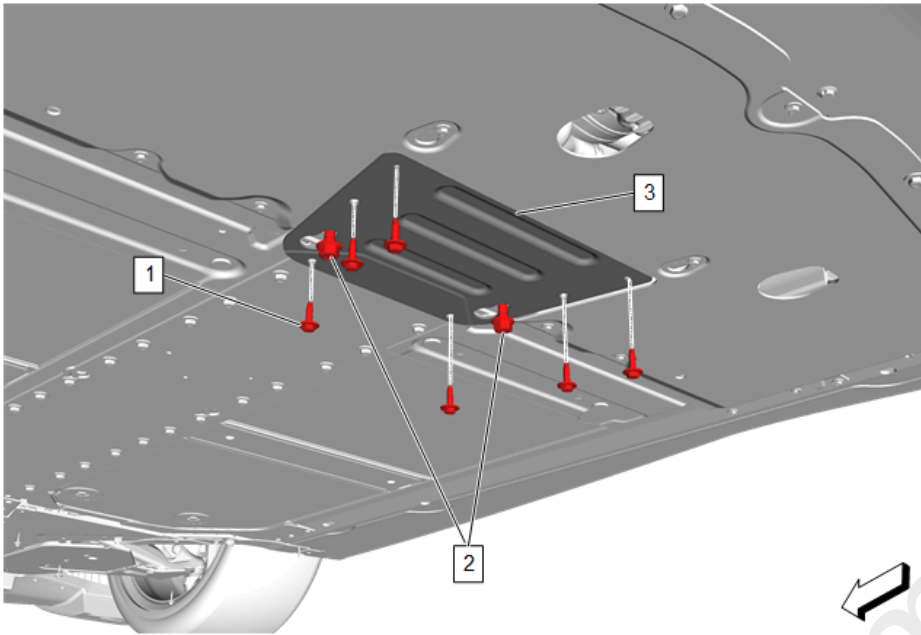
12. [Click here for full size](#)
13. If NEW threaded components are being installed, loosen the adhesive using a metal pick or similar tool before proceeding. If threaded components are reused, prepare the threaded components using the following steps:
 1. Remove any loose cured adhesive from the external 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.
- 14.
15. Fuel Tank Crossover Pipe Bolt (1) >> Install and tighten 9>N-m (80 lb in)
16. Fuel Front Pipe Shield Bolt (2>) >>> Install and tighten 9>N-m (80 lb in)
17. Battery Positive Cable Channel (4>) >> Install
18. Battery Positive Cable Bracket Bolt (3>) >> Install - Battery Positive Cable Replacement



- 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.