

2022 CHEVROLET CORVETTE SERVICE MANUAL

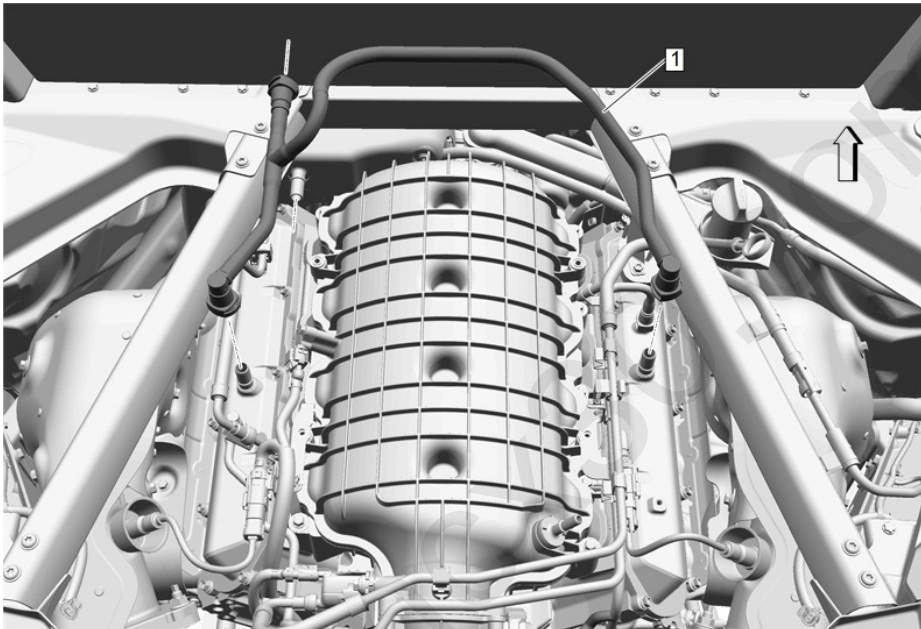
- [SEARCH](#)

1. [Engine/Propulsion](#)
2. [Engine Mechanical - 6.2L \(LT2\)](#)
3. [Repair Instructions](#)
- 4.

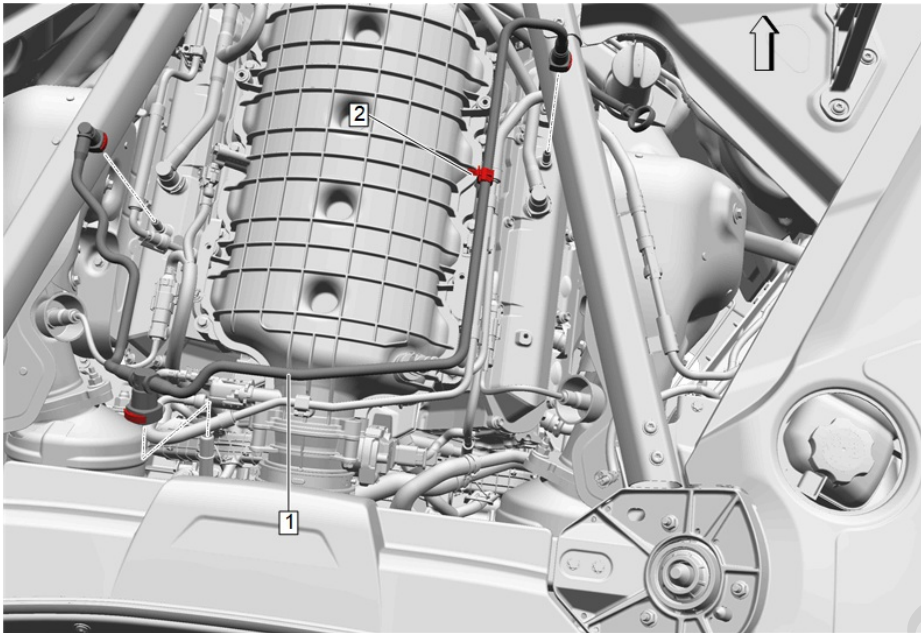
Valve Rocker Arm Cover Replacement - Right Side (Convertible)

Removal Procedure

1. [Click here for full size](#)
2. [Rear Window Panel \(2>\) >> Remove - Rear Window Panel Replacement](#)

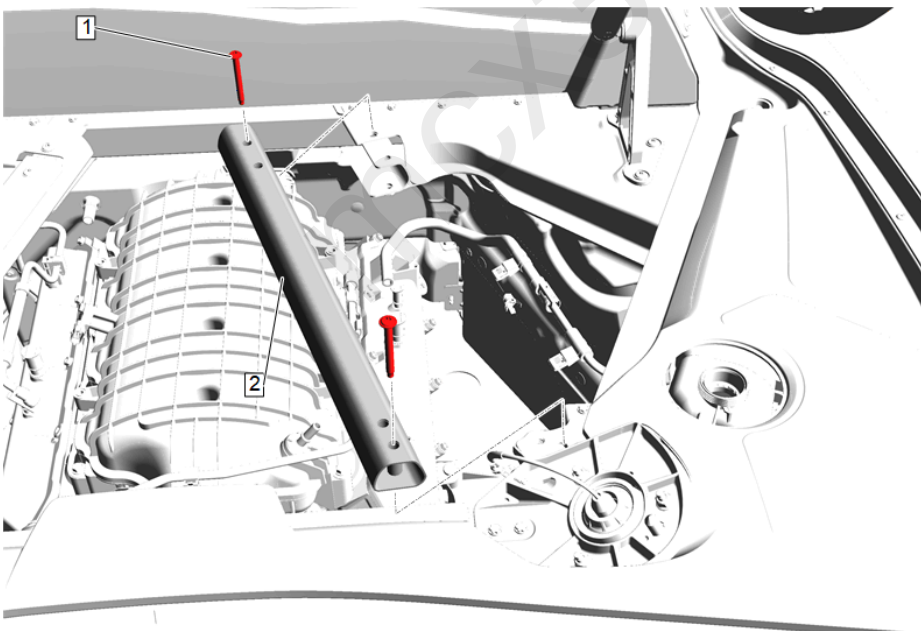


3. [Click here for full size](#)
4. [Positive Crankcase Ventilation Tube \(1>\) >> Remove - Positive Crankcase Ventilation Tube Replacement - Recirculating Air](#)



5.
[Click here for full size](#)

6. Positive Crankcase Ventilation Fresh Air Tube (1>) >> Remove - Positive Crankcase Ventilation Fresh Air Tube Replacement



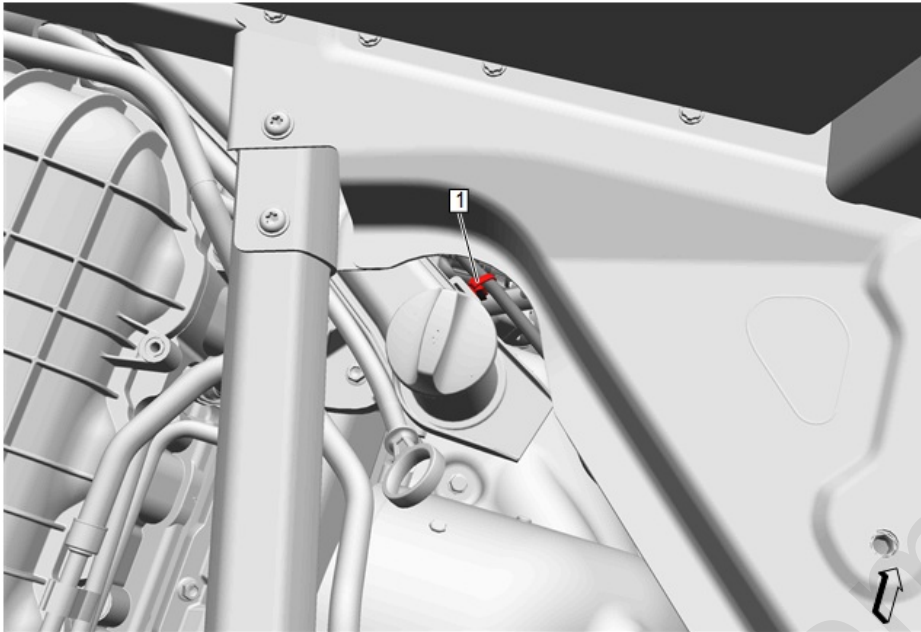
7.
[Click here for full size](#)

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

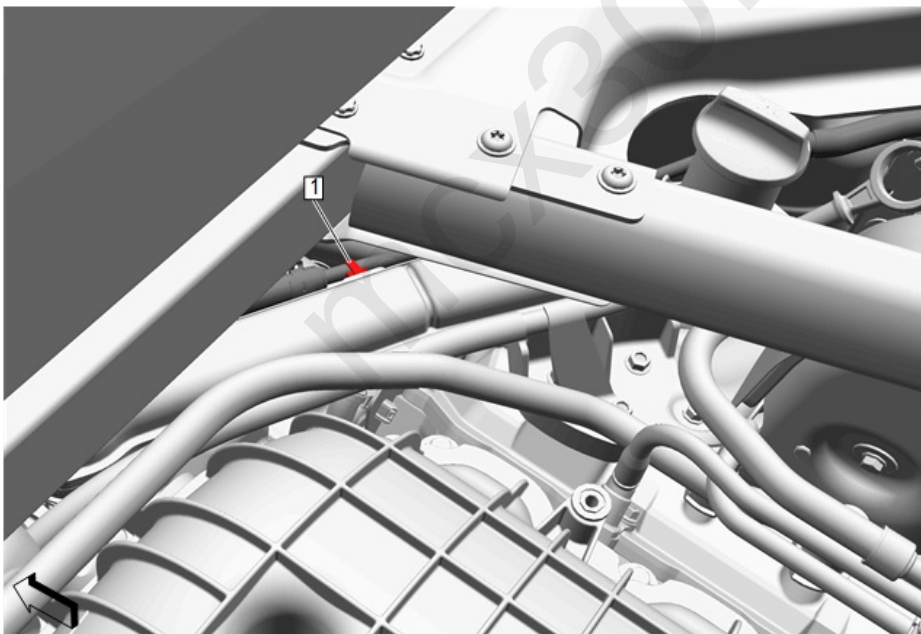
9. [Click here for full size](#)

10. Radiator Surge Tank Bolt (1>) @ Radiator Surge Tank Outlet Pipe (2>) >> Remove

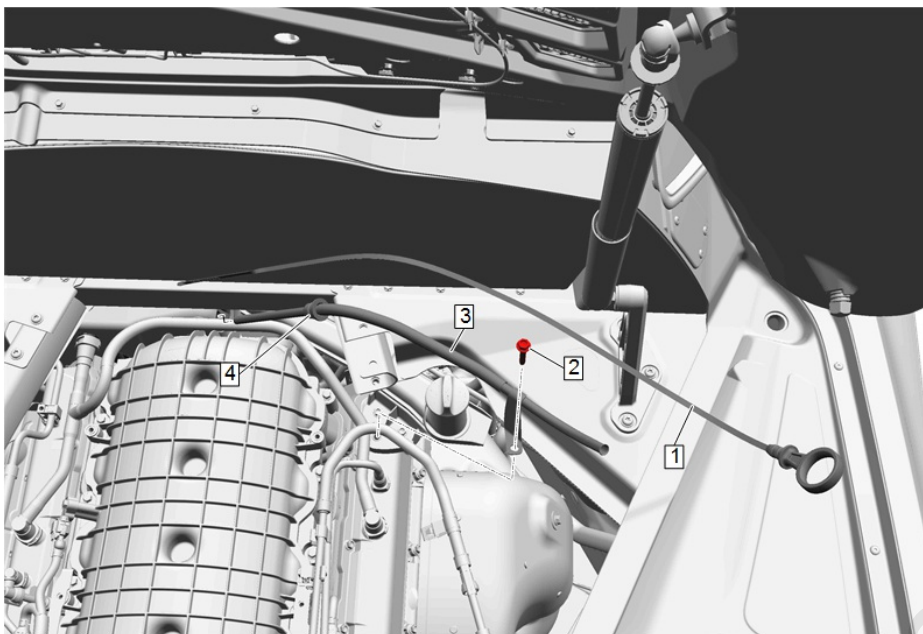
11. [Click here for full size](#)
12. Radiator Surge Tank Bracket Bolt (1>) @ Radiator Surge Tank >> Remove
13. Reposition the radiator surge tank and attached components to assist in removing the remaining components.



14. [Click here for full size](#)
15. Radiator Surge Tank Inlet Hose Clip (1>) @ Oil Filler Tube >> Remove

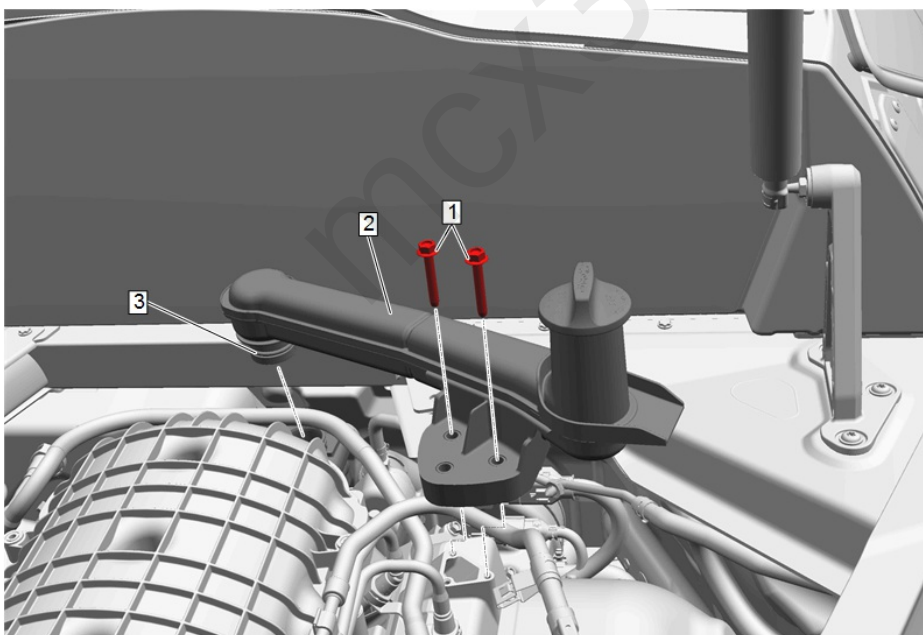


16. [Click here for full size](#)
17. Radiator Surge Tank Inlet Hose Clip (1>) @ Oil Filler Tube >> Remove



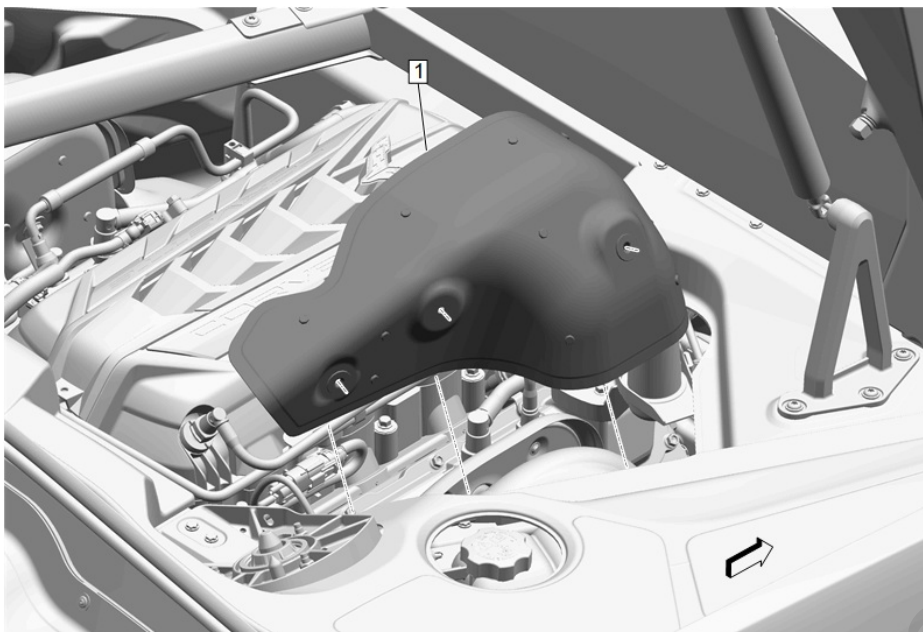
18.
[Click here for full size](#)

19. Oil Level Indicator Tube (3>) >> Remove - Oil Level Indicator Tube Replacement



20.
[Click here for full size](#)

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

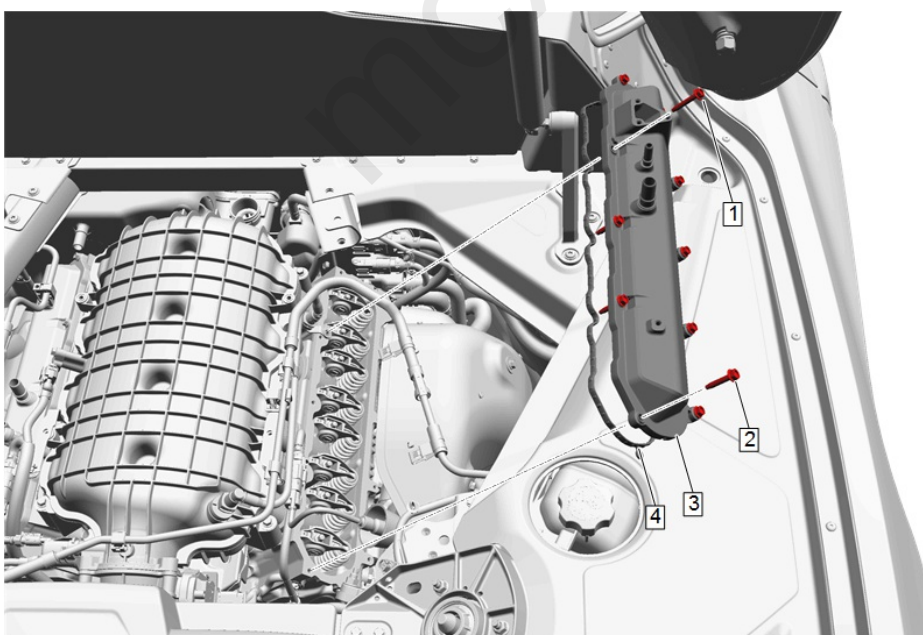


22. [Click here for full size](#)

23. Note:

The shield does not need to be completely removed. Part of the shield overlaps one of the rocker arm cover bolts, pull the bolts in the heat shield so it can be repositioned out of the way.

24. Exhaust Manifold Upper Heat Shield (1>) >> Reposition - Exhaust Manifold Upper Heat Shield Replacement - Right Side



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

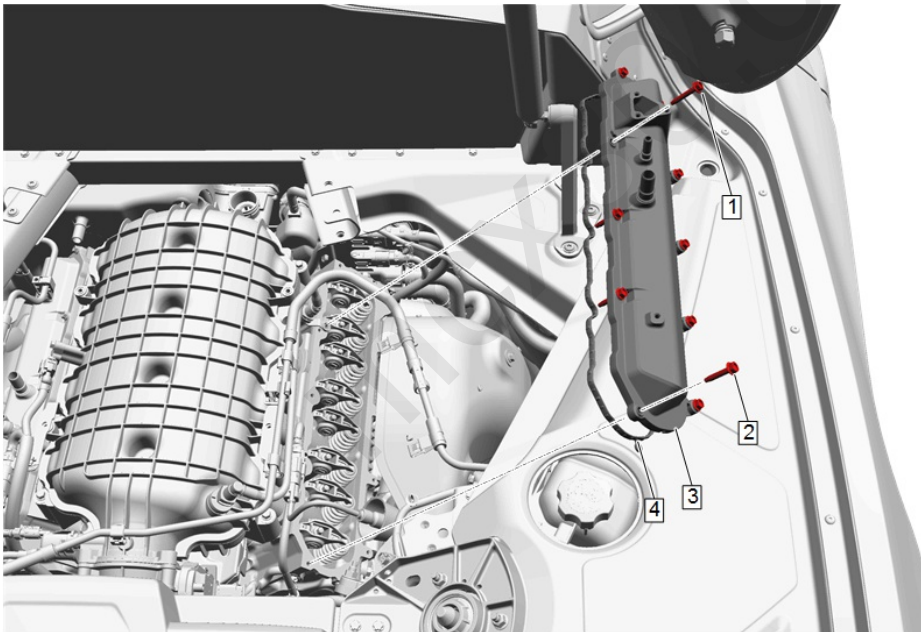
26. Positive Crankcase Ventilation Tube Bolt (1>) >> Remove

27. Valve Rocker Arm Cover Bolt (2>) >> Remove [9>x]
28. Valve Rocker Arm Cover (3>) >> Remove
29. Valve Rocker Arm Cover Gasket (4>) >> Remove and DISCARD

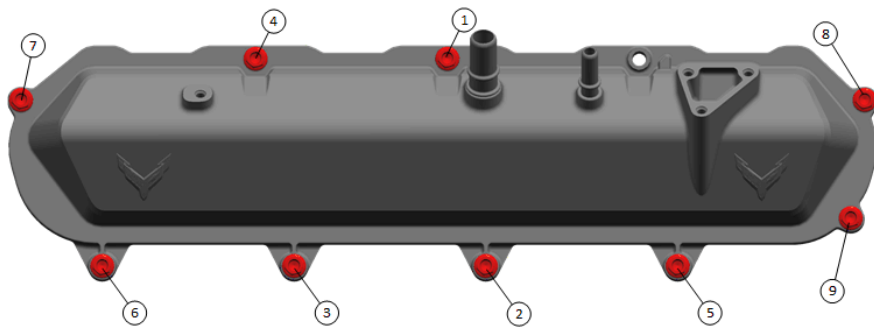
Cleaning and Inspection Procedure

1. Clean the components with cleaning solvent.
2. Warning:
Refer to Safety Glasses and Compressed Air Warning.
3. Dry the components with compressed air.
4. Inspect the valve rocker arm cover for the following conditions:
5.
 - Scoring or damage to the gasket surfaces
 - Ventilation system passages for restrictions
 - Threaded bolt holes for damage or debris

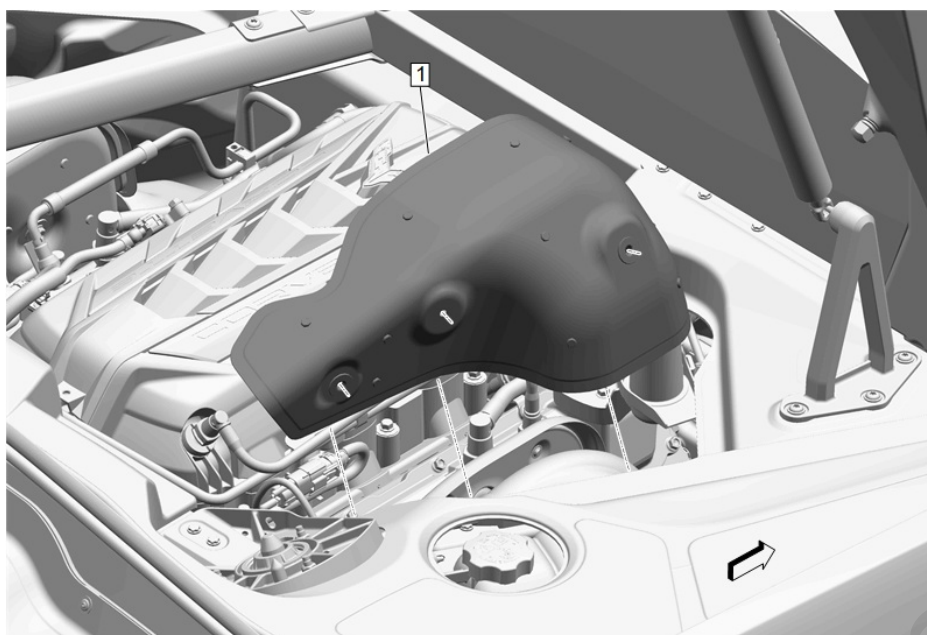
Installation Procedure



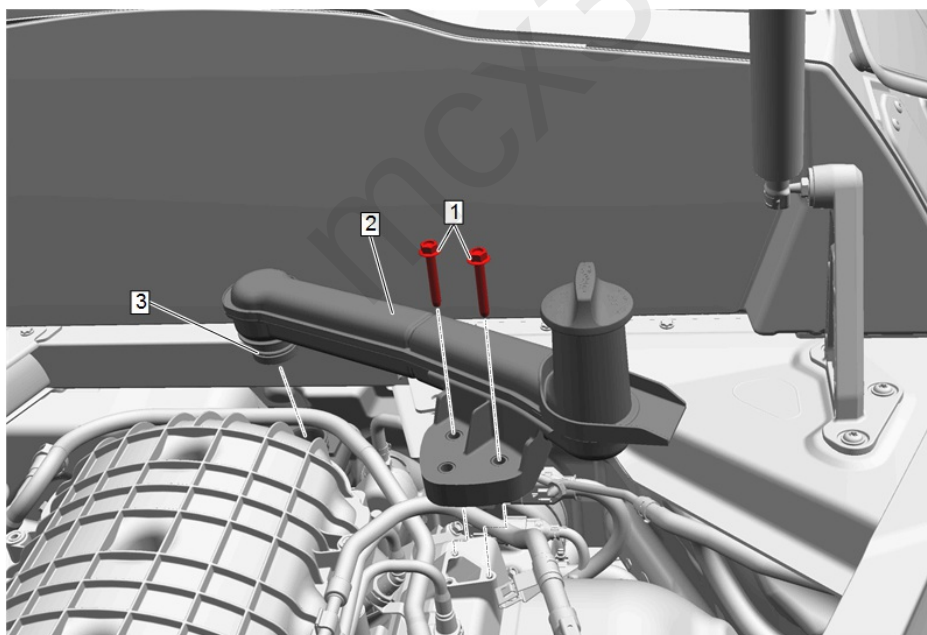
1.
[Click here for full size](#)
2. Valve Rocker Arm Cover Gasket (4>) >> Install NEW
3. Valve Rocker Arm Cover (3>) >> Install
4. Positive Crankcase Ventilation Tube Bolt (1>) >> Install and hand tighten



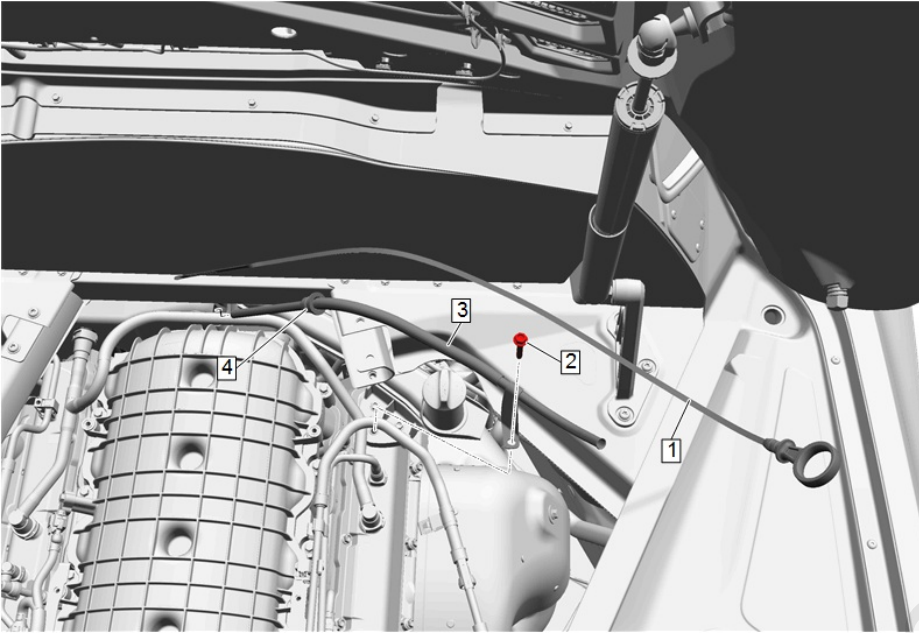
5. [Click here for full size](#)
6. Clean the threads of the valve rocker arm cover bolts and the holes in the cylinder head.
7. Apply threadlocker to the bolts. Adhesives, Fluids, Lubricants, and Sealers
8. **Caution:**
Refer to Fastener Caution.
9. Valve Rocker Arm Cover Bolt (2x) >> Install and tighten in sequence [9x]10 N-m (89 lb in)
10. Positive Crankcase Ventilation Tube Bolt >> Install and tighten 10 N-m (89 lb in)



11. [Click here for full size](#)
12. Exhaust Manifold Upper Heat Shield (1>) >> Install - Exhaust Manifold Upper Heat Shield Replacement - Right Side

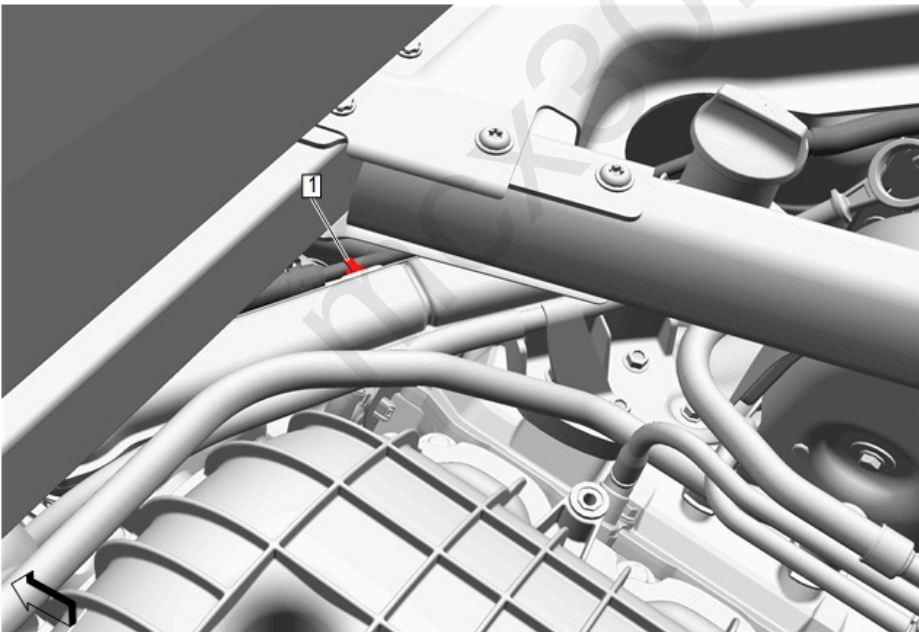


13. [Click here for full size](#)
14. Oil Filler Tube (2>) >> Install - Oil Filler Tube Replacement



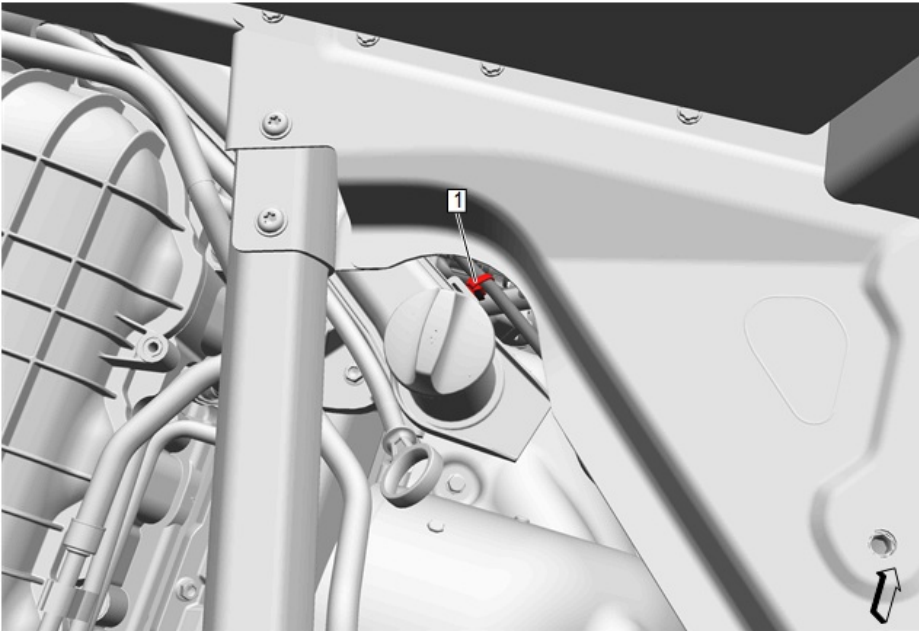
15.
[Click here for full size](#)

16. Oil Level Indicator Tube (3>) >> Install - Oil Level Indicator Tube Replacement

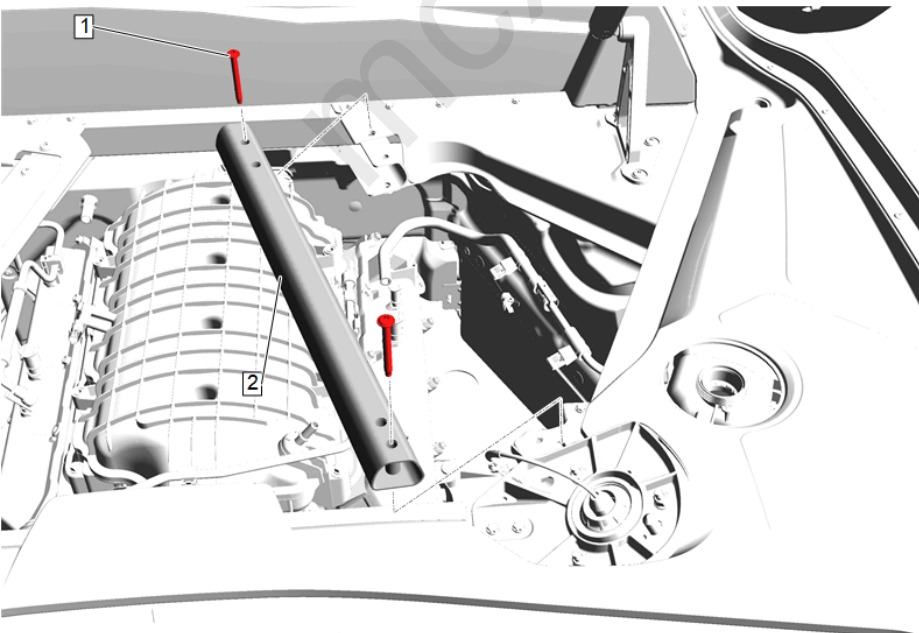


17.
[Click here for full size](#)

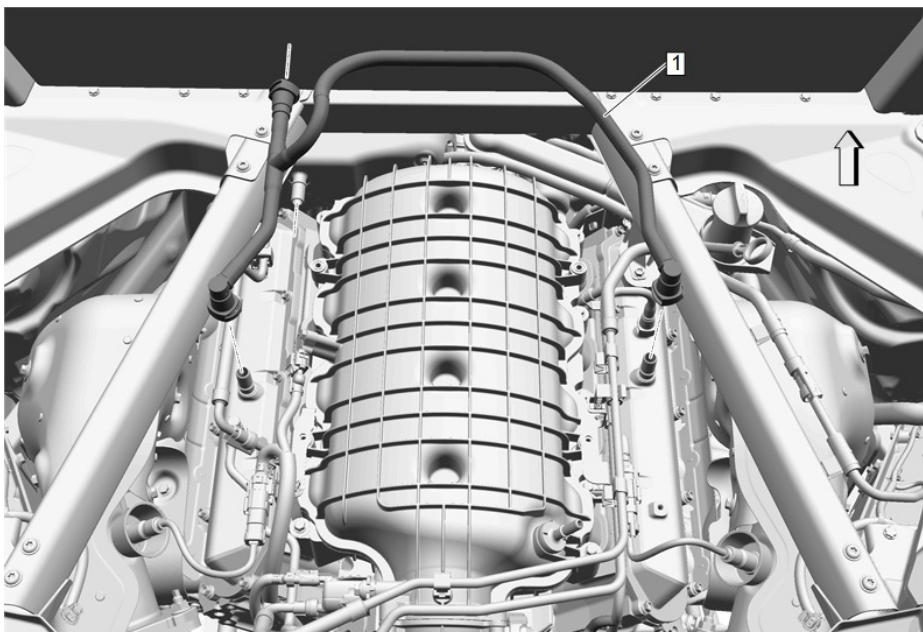
18. Radiator Surge Tank Inlet Hose Clip (1>) @ Oil Filler Tube >> Install



19. [Click here for full size](#)
20. Radiator Surge Tank Inlet Hose Clip (1>) @ Oil Filler Tube >> Install
21. Reposition the radiator surge tank and attached components to normal location.
22. [Click here for full size](#)
23. Radiator Surge Tank Bracket Bolt (1>) @ Radiator Surge Tank >> Install and tighten - Radiator Surge Tank Outlet Pipe Replacement
24. [Click here for full size](#)
25. Radiator Surge Tank Bolt (1>) @ Radiator Surge Tank Outlet Pipe (2>) >> Install and tighten - Radiator Surge Tank Replacement

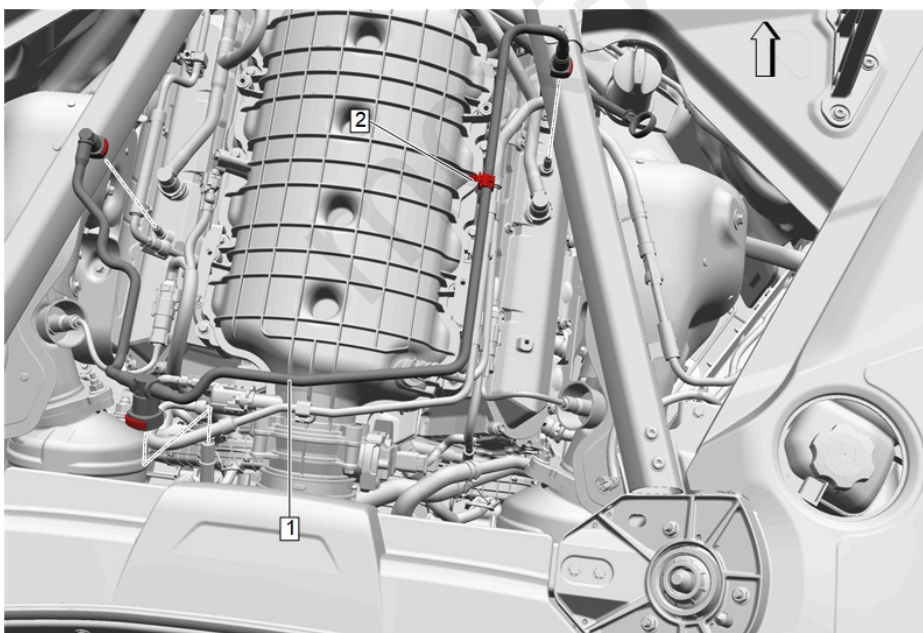


26. [Click here for full size](#)
27. Load Floor Panel Rear Cross Bar (2>) >> Install - Load Floor Panel Rear Cross Bar Replacement - Right Side



28.
[Click here for full size](#)

29. Positive Crankcase Ventilation Tube (1>) >> Install - Positive Crankcase Ventilation Tube Replacement - Recirculating Air



30.
[Click here for full size](#)

31. Positive Crankcase Ventilation Fresh Air Tube (1>) >> Install - Positive Crankcase Ventilation Fresh Air Tube Replacement

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

33. Rear Window Panel (2>) >> Install - Rear Window Panel Replacement

