

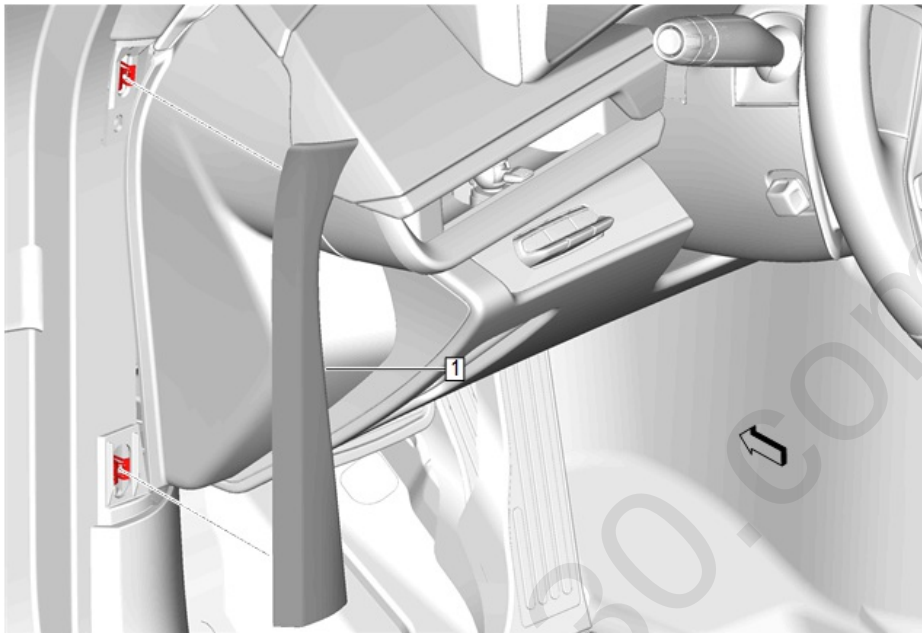
2022 CHEVROLET CORVETTE SERVICE MANUAL

- SEARCH

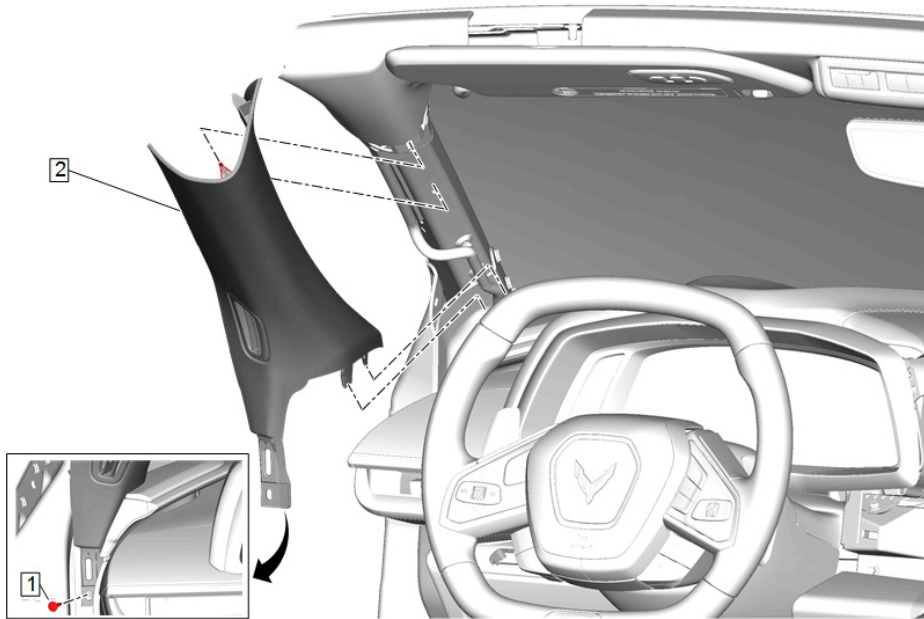
1. HVAC
2. [HVAC - Automatic](#)
3. [Repair Instructions](#)
- 4.

Air Inlet Valve Actuator Replacement

Removal Procedure

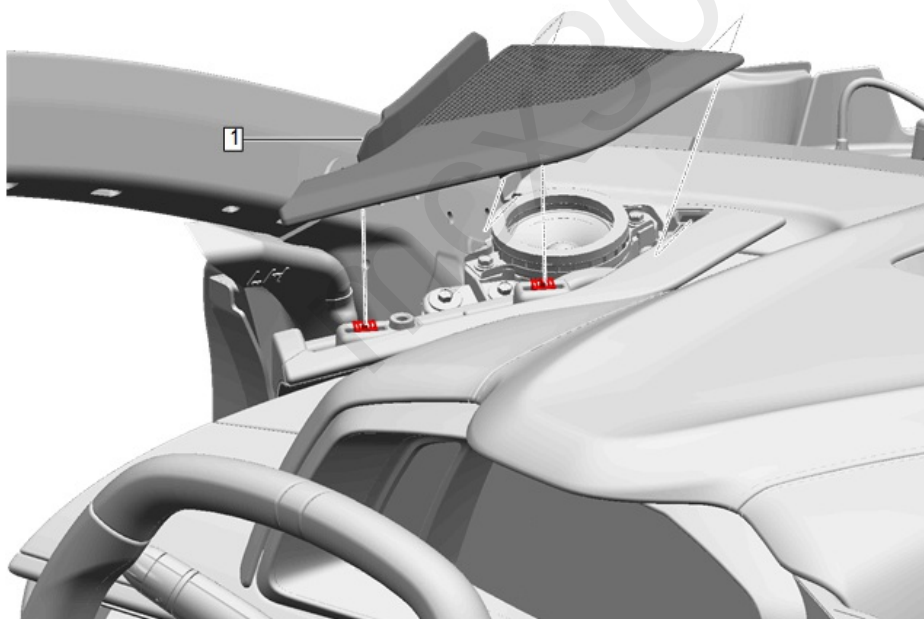


1. [Click here for full size](#)
2. Remove the left and right body hinge pillar garnish molding (1). Body Hinge Pillar Garnish Molding Replacement



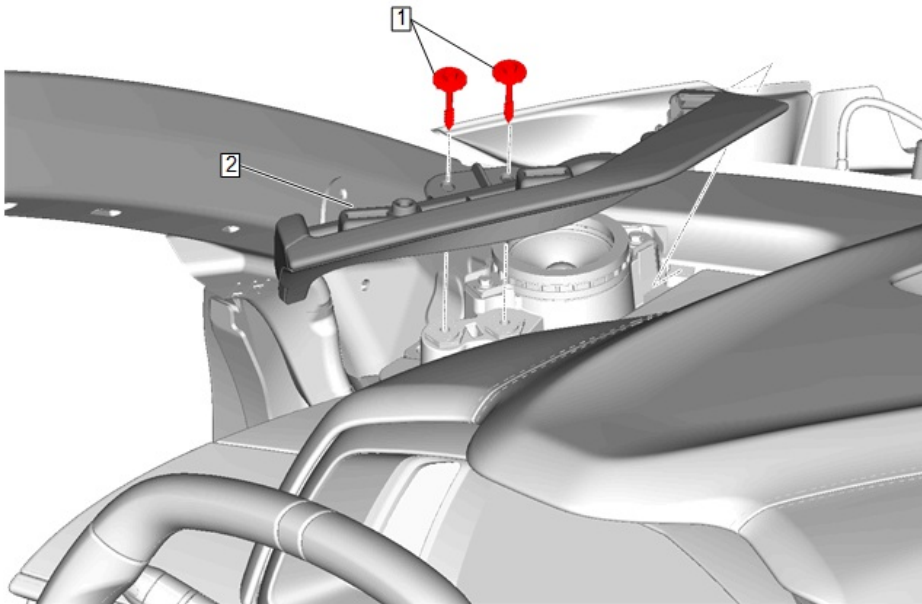
3.
[Click here for full size](#)

4. Remove the left and right windshield garnish molding (2). Windshield Garnish Molding Replacement



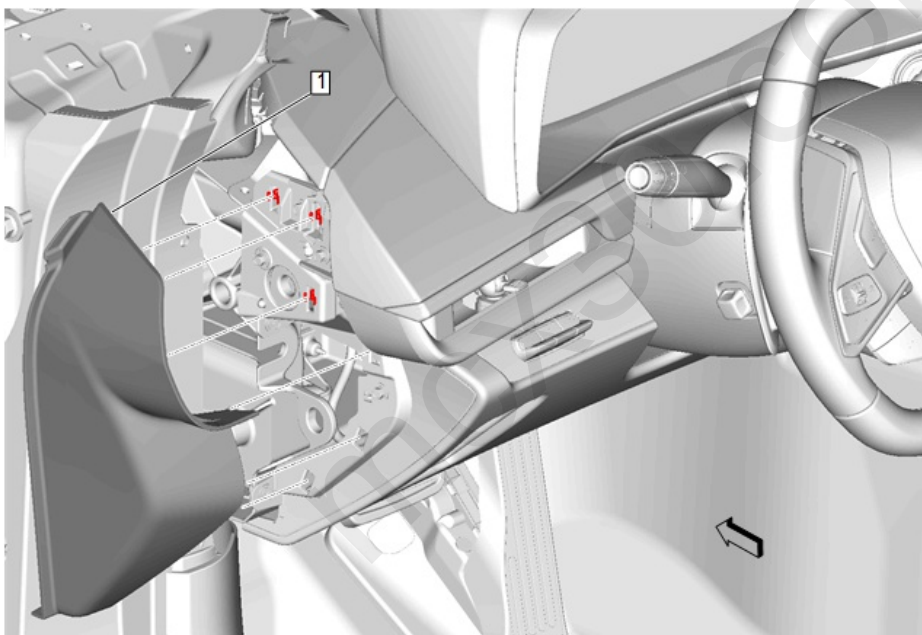
5.
[Click here for full size](#)

6. Remove the left and right instrument panel trim pad radio speaker opening cover (1). Instrument Panel Trim Pad Radio Speaker Opening Cover Replacement



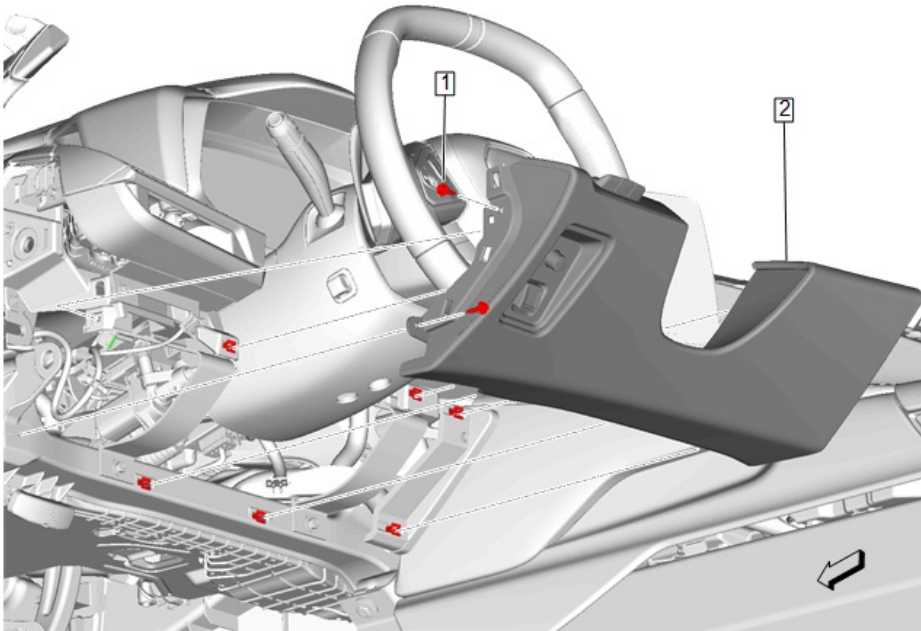
7.
[Click here for full size](#)

8. Remove the left and right radio front speaker grille molding (2). Radio Front Speaker Grille Molding Replacement



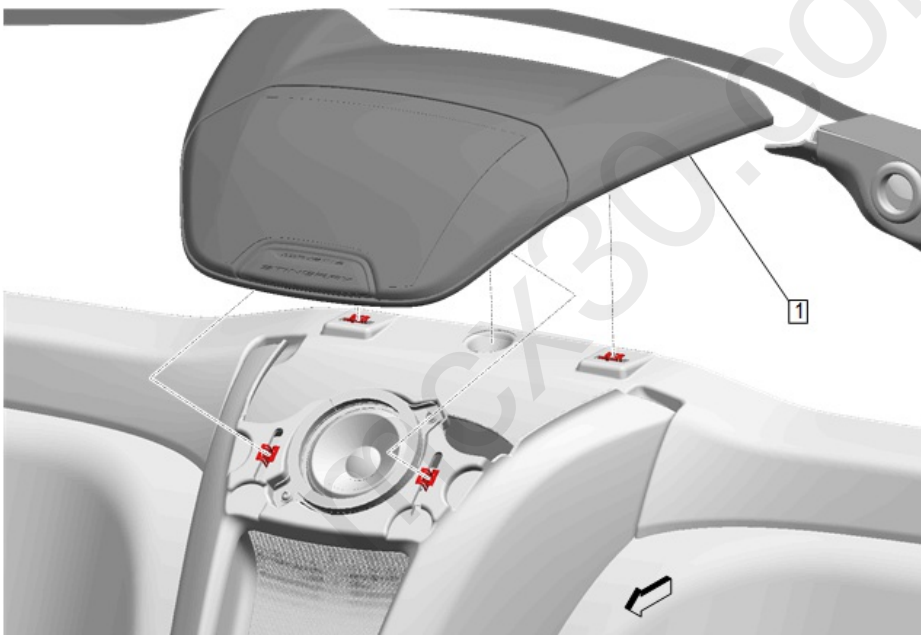
9.
[Click here for full size](#)

10. Remove the left and right instrument panel outer trim cover (1). Instrument Panel Outer Trim Cover Replacement



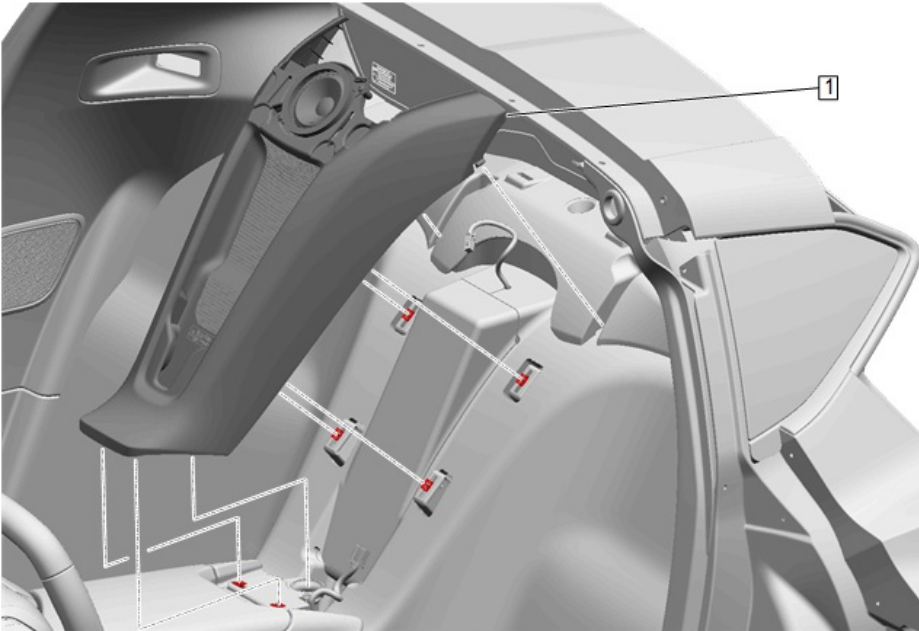
11.
[Click here for full size](#)

12. Instrument Panel Knee Bolster (2) >> Remove - Instrument Panel Knee Bolster Replacement



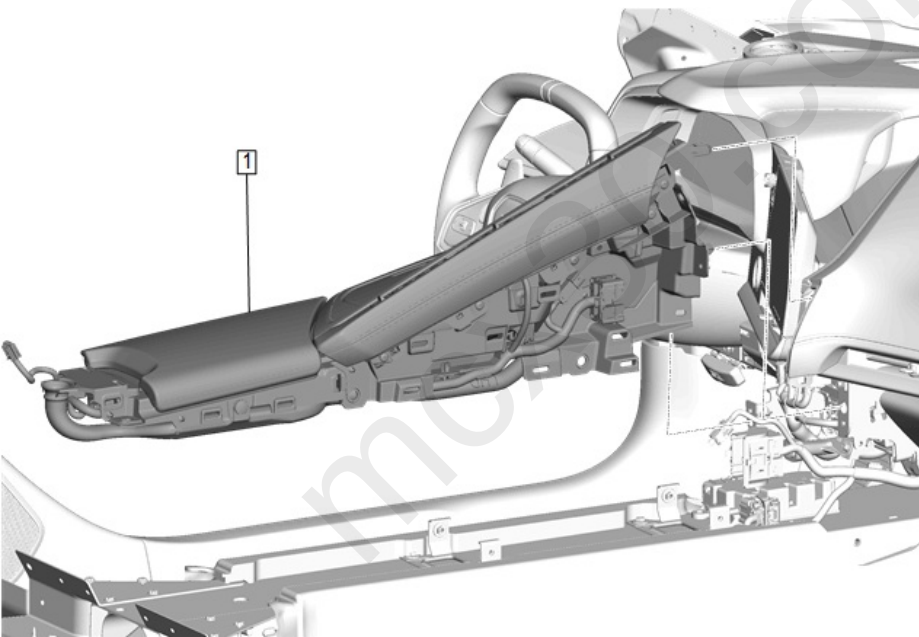
13.
[Click here for full size](#)

14. Radio Rear Quarter Trim Panel Speaker Grille (1) >> Remove - Radio Rear Quarter Trim Panel Speaker Grille Replacement



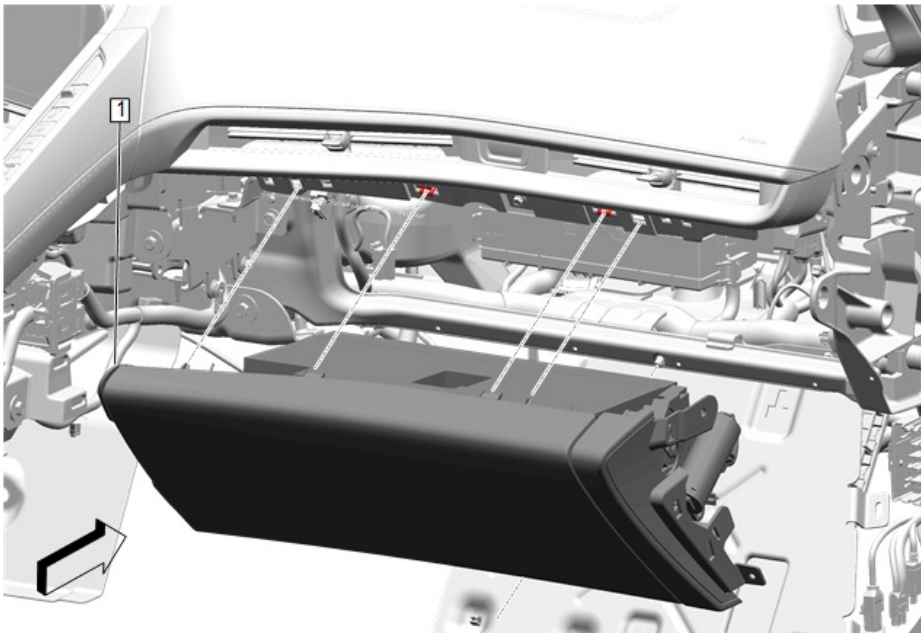
15.
[Click here for full size](#)

16. Rear Compartment Closeout Panel (1) >> Remove - Rear Compartment Closeout Panel Replacement



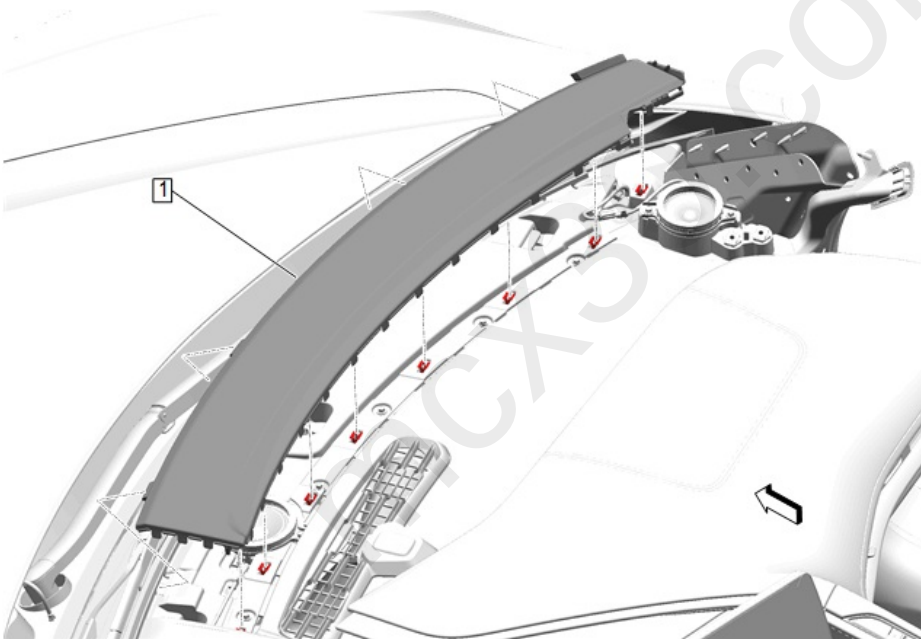
17.
[Click here for full size](#)

18. Front Floor Console Compartment (1) >> Remove - Front Floor Console Compartment Replacement



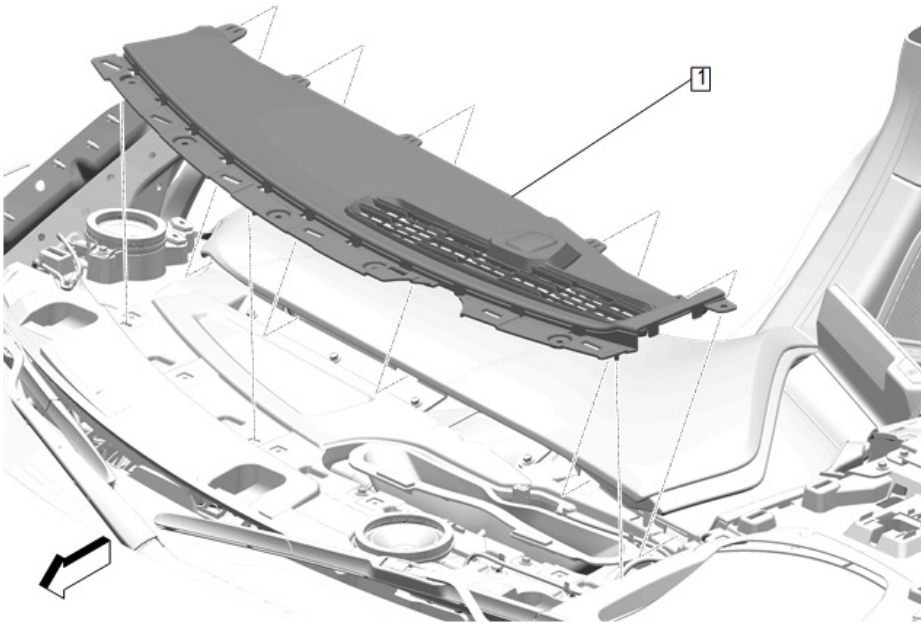
19.
[Click here for full size](#)

20. Instrument Panel Compartment (1) >> Remove - Instrument Panel Compartment Replacement



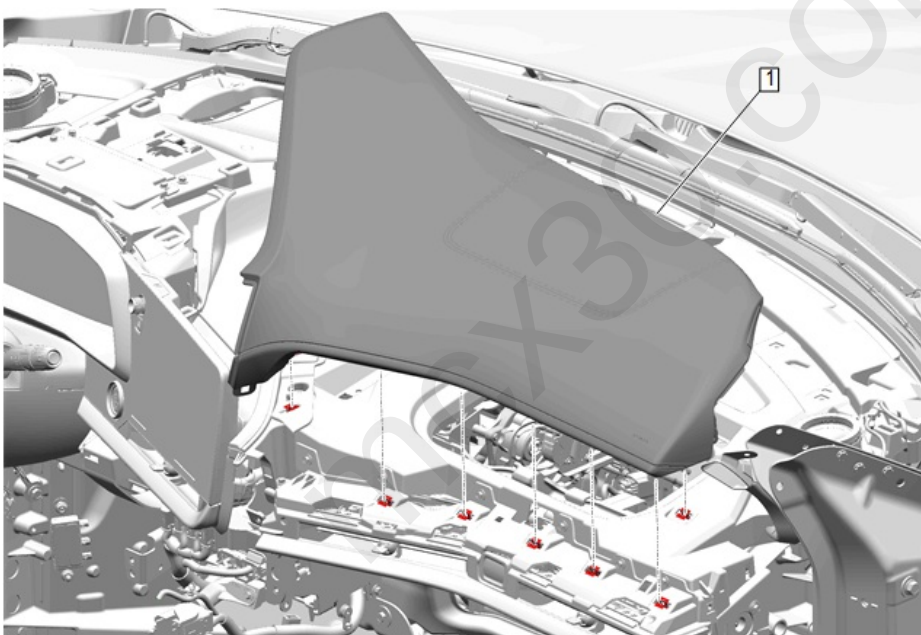
21.
[Click here for full size](#)

22. Radio Front Center Speaker Grille (1) >> Remove - Radio Front Center Speaker Grille Replacement



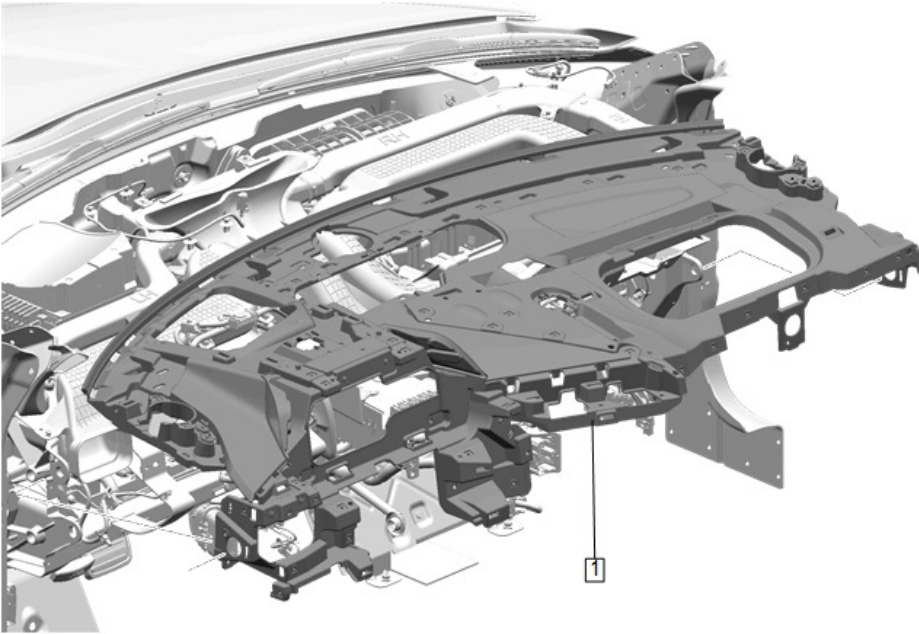
23.
[Click here for full size](#)

24. Instrument Panel Extension (1) >>> Remove - Instrument Panel Extension Replacement



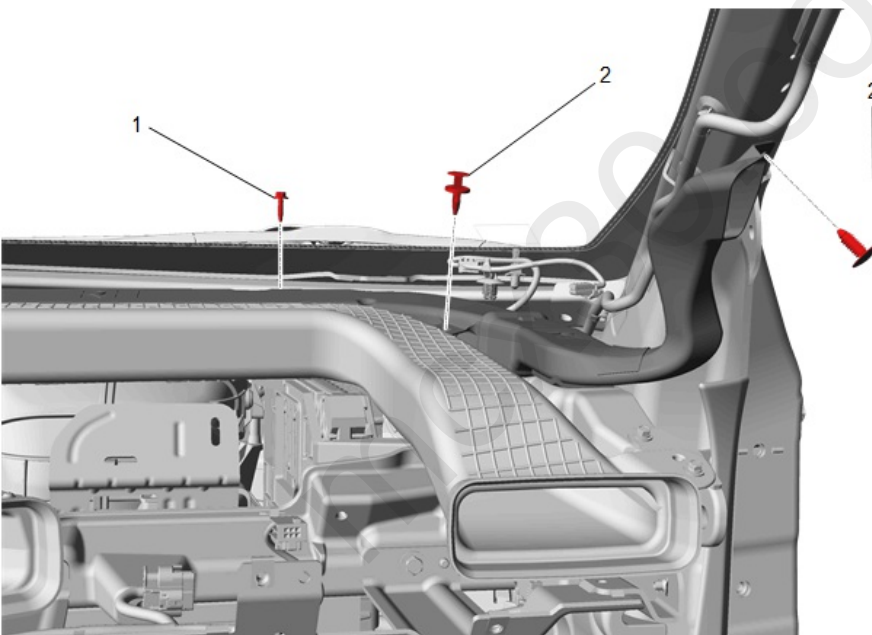
25.
[Click here for full size](#)

26. Instrument Panel Upper Trim Panel (1) >>> Remove - Instrument Panel Upper Trim Panel Replacement



27.
[Click here for full size](#)

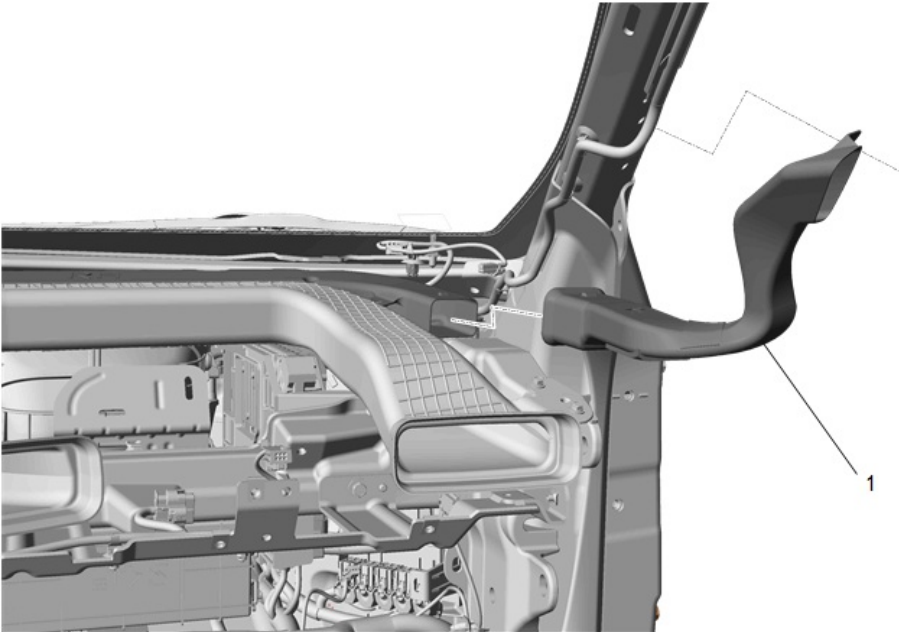
28. Instrument Panel Carrier (1) >> Remove - Instrument Panel Carrier Replacement



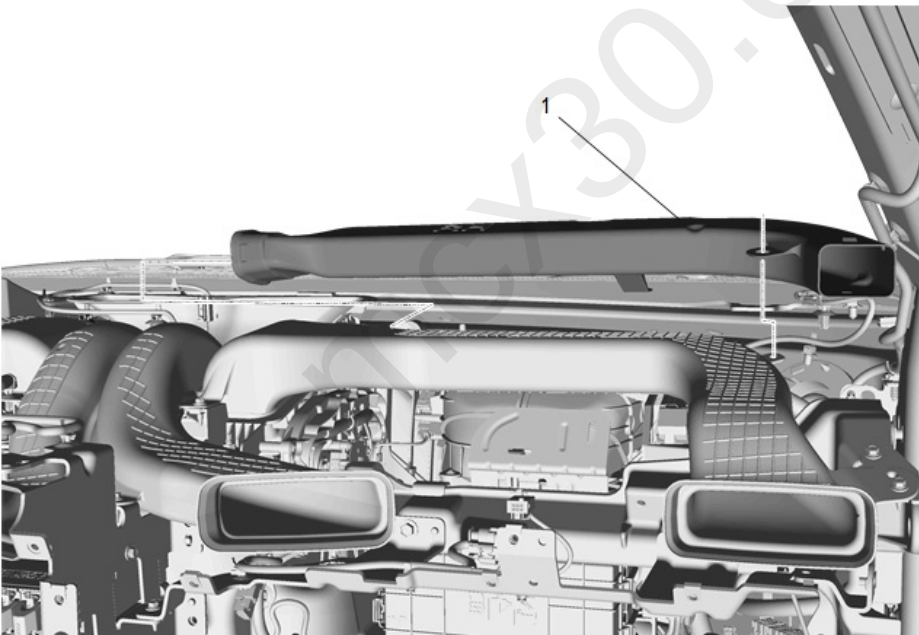
29.
[Click here for full size](#)

30. Side Window Defogger Outlet Duct Bolt (1) >> Remove

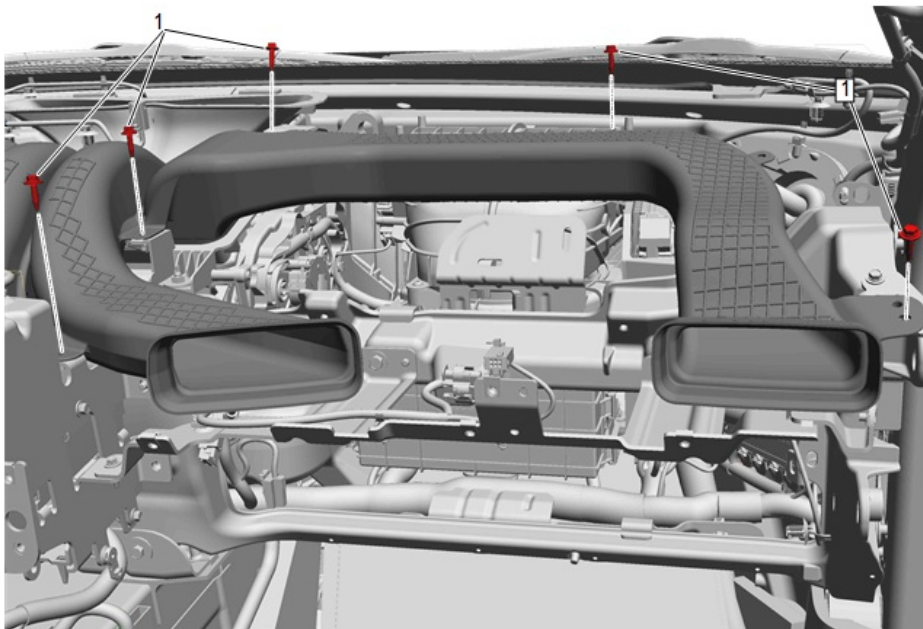
31. Side Window Defogger Outlet Duct Retainer (2) >> Remove [2x]



32. [Click here for full size](#)
33. Side Window Defogger Outlet Outer Duct - Right Side (1) >> Remove
34. [Click here for full size](#)
35. Instrument Panel Wiring Harness Retainer (1) @ Side Window Defogger Outlet Outer Duct - Right Side >> Remove

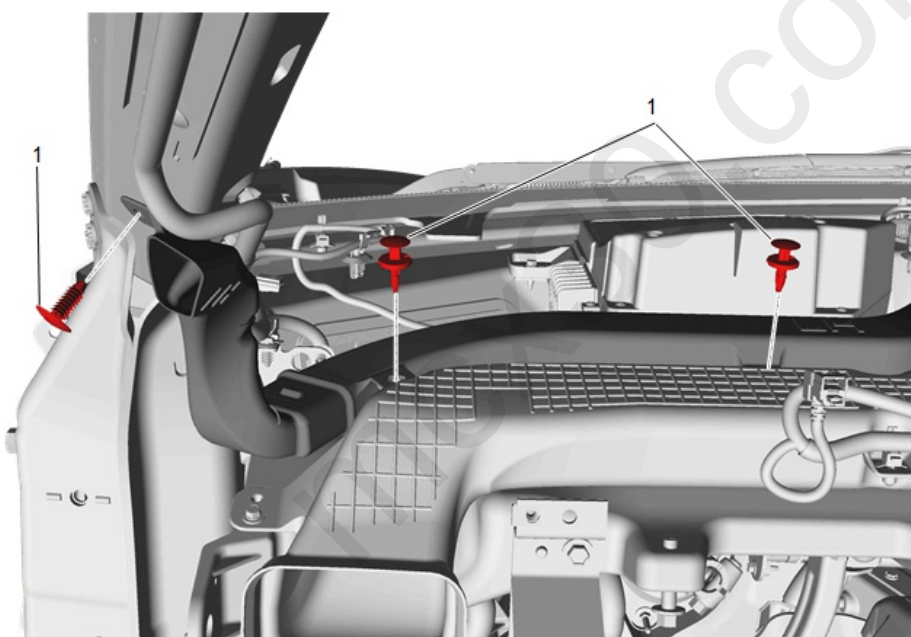


36. [Click here for full size](#)
37. Side Window Defogger Outlet Outer Duct - Right Side (1) >> Remove



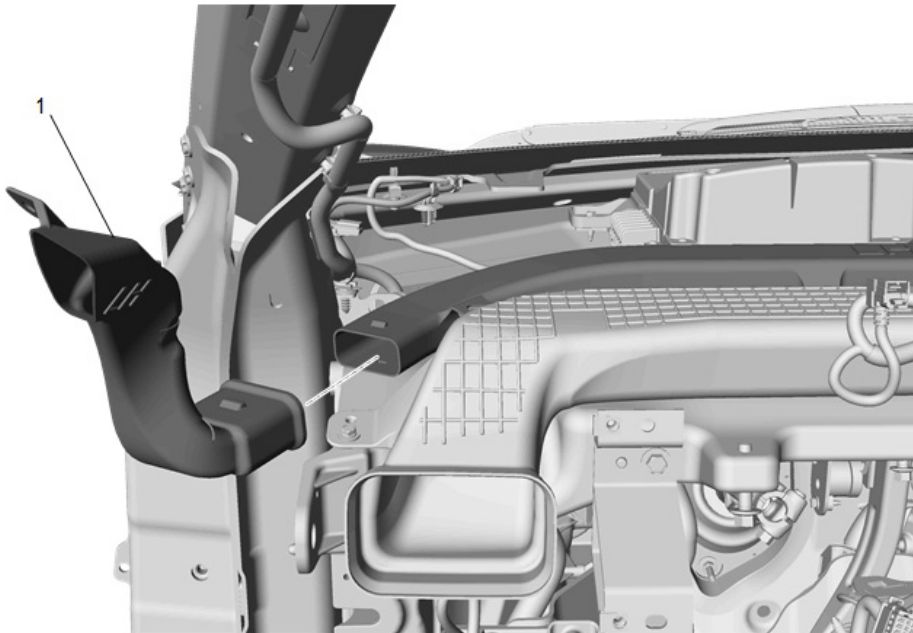
38.
[Click here for full size](#)

39. Instrument Panel Outer Air Outlet Duct Bolt (1) >> Remove [5x]



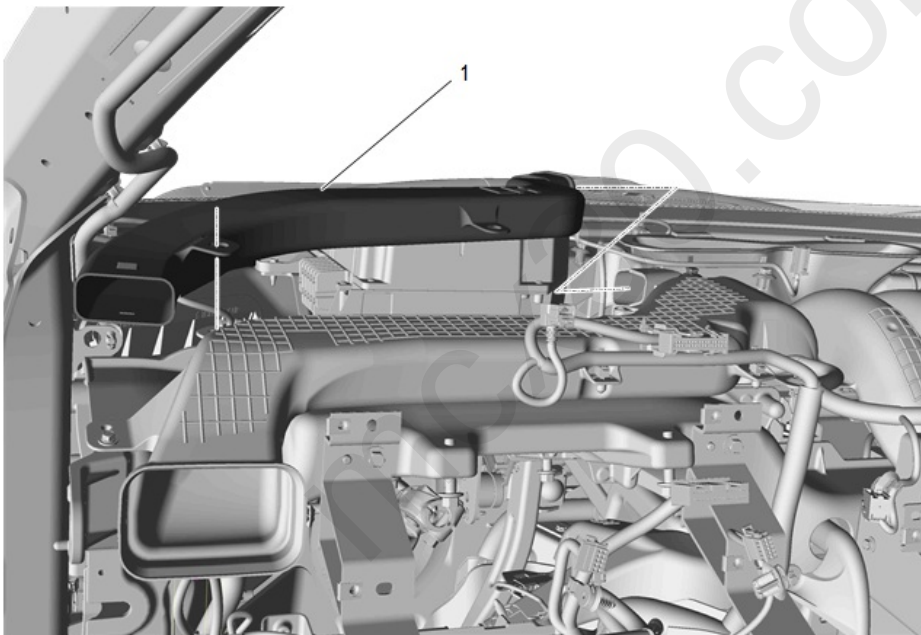
40.
[Click here for full size](#)

41. Side Window Defogger Outlet Duct Retainer (1) >> Remove [3x]



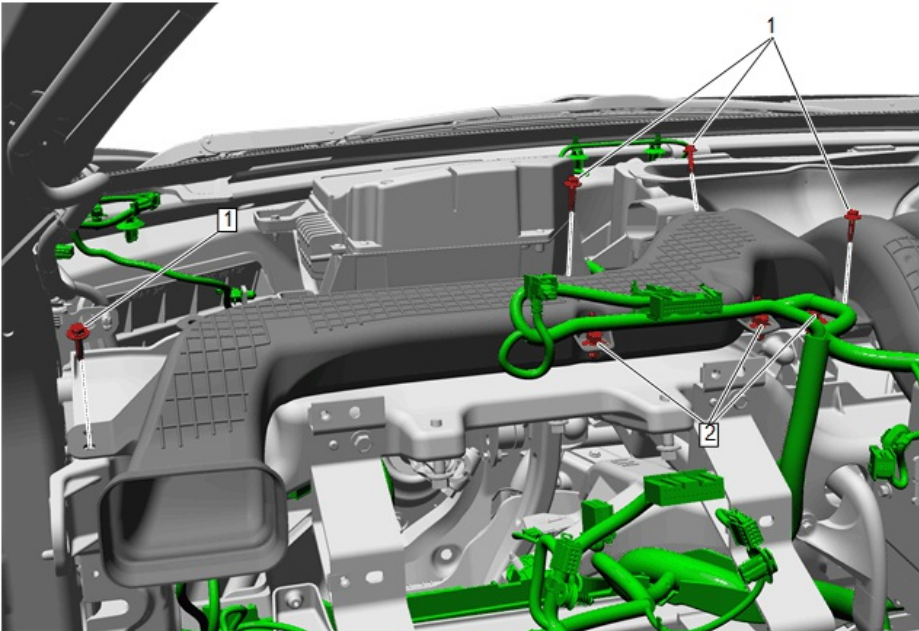
42.
[Click here for full size](#)

43. Side Window Defogger Outlet Duct - Left Side (1) >> Remove

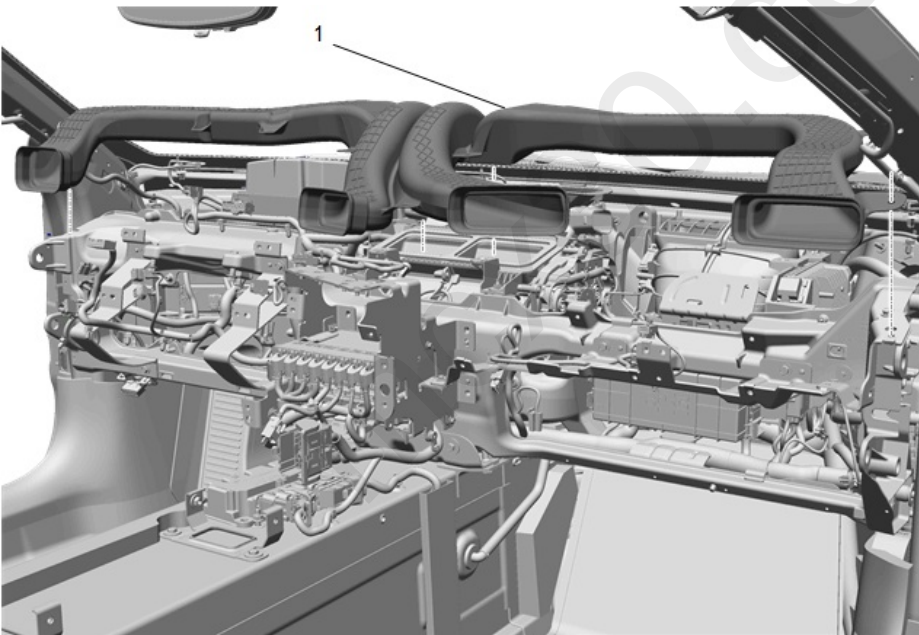


44.
[Click here for full size](#)

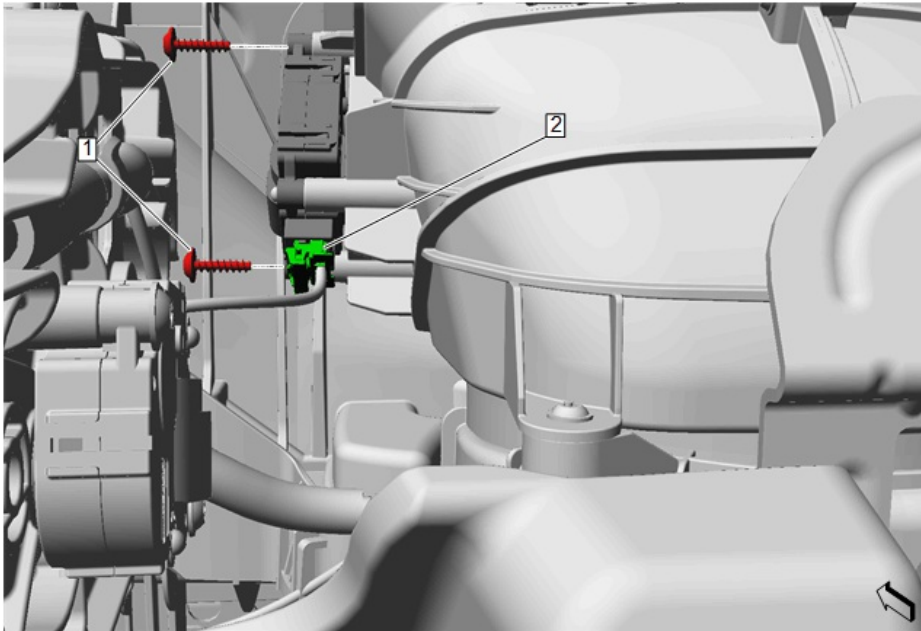
45. Side Window Defogger Outlet Duct - Left Side (1) >> Remove



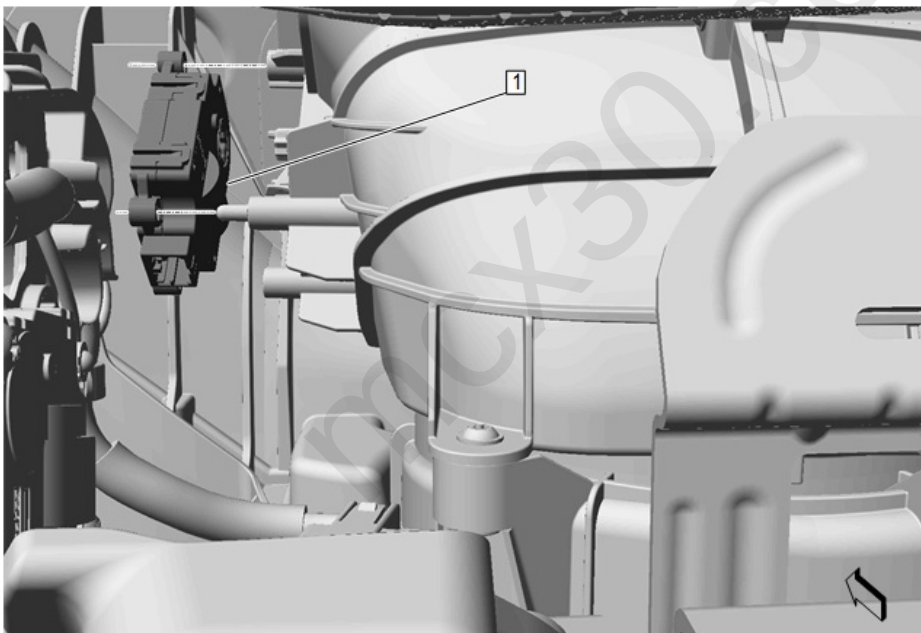
46. [Click here for full size](#)
47. Instrument Panel Outer Air Outlet Duct Bolt (1) >> Remove [4x]
48. Wiring Harness Retainer (2) @ Instrument Panel Outer Air Outlet Duct >> Remove [3x]



49. [Click here for full size](#)
50. Instrument Panel Outer Air Outlet Duct (1) >> Remove



51. [Click here for full size](#)
52. Air Inlet Valve Actuator Bolt (1) >> Remove [2x]
53. Disconnect the electrical connector. (2)

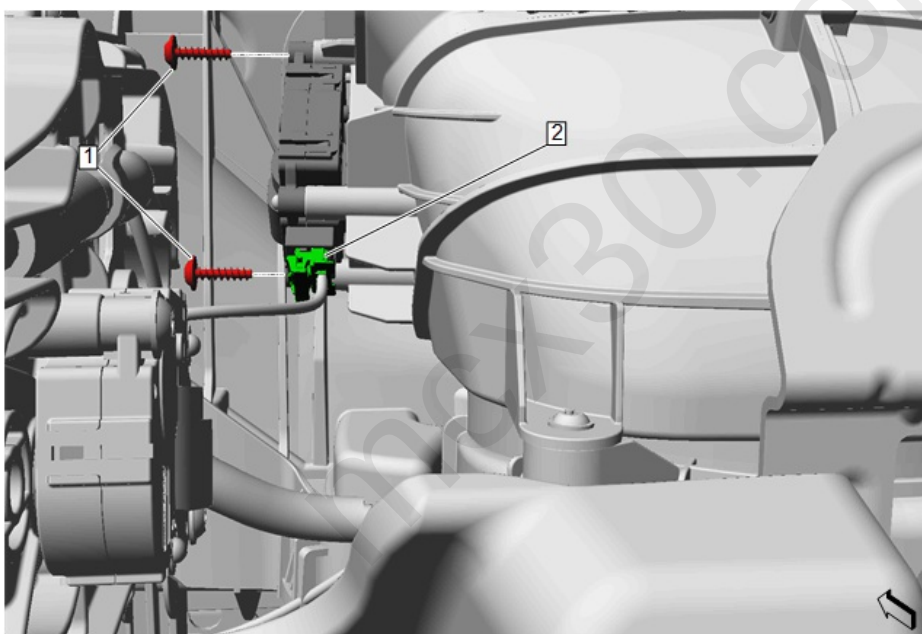


54. [Click here for full size](#)
55. Air Inlet Valve Actuator (1) >> Remove

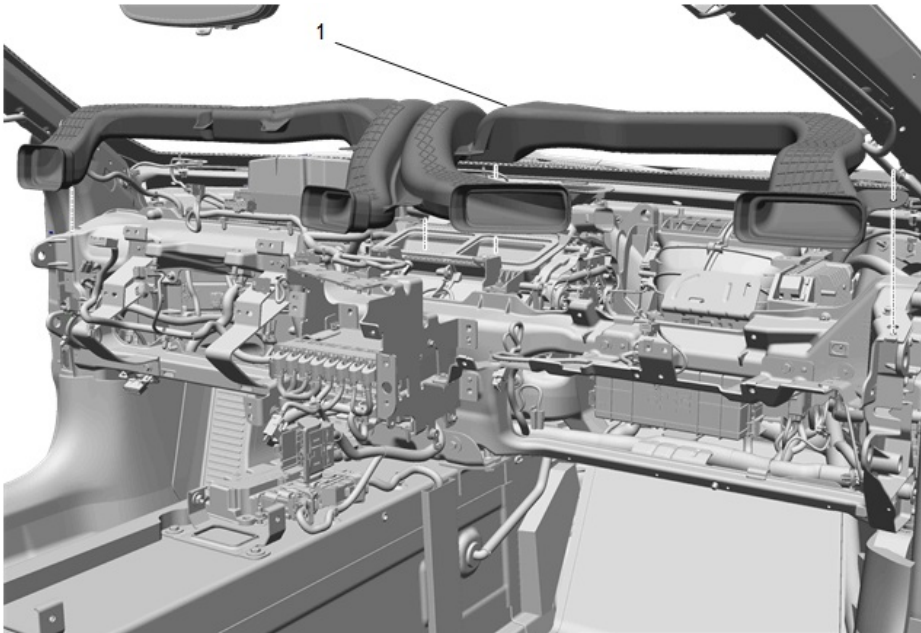
Installation Procedure



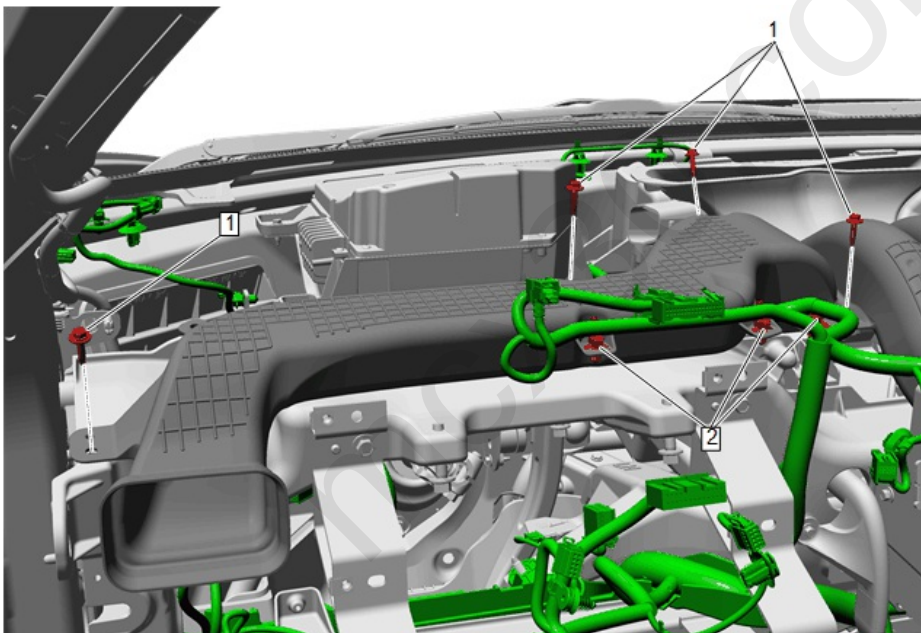
1.
Click here for full size
2. Air Inlet Valve Actuator (1) >> Install



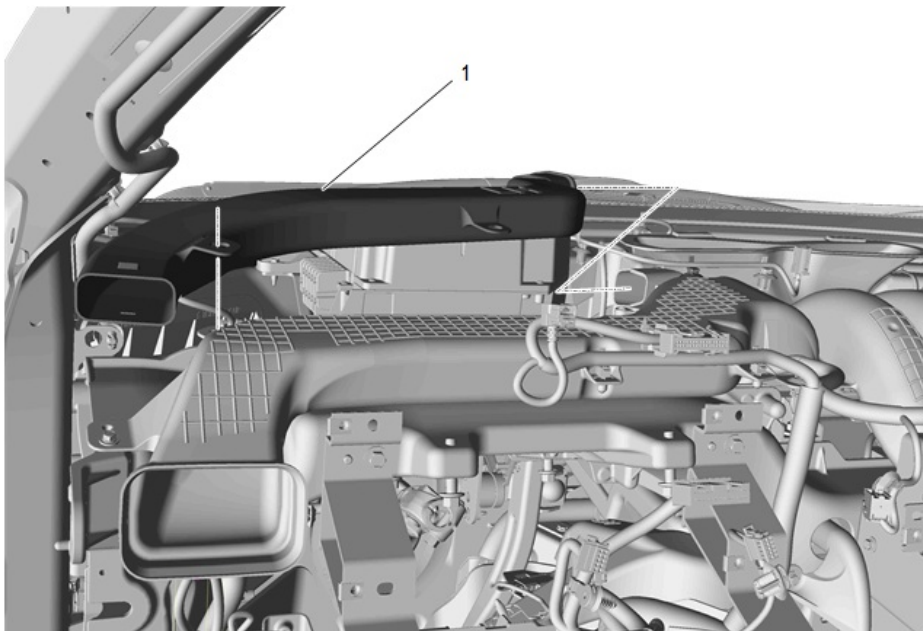
3.
Click here for full size
4. Connect the electrical connector. (2)
5. Caution:
Refer to Fastener Caution.
6. Air Inlet Valve Actuator Bolt (1) >> Install and tighten [2x]1.5 N-m (13 lb in)



7. [Click here for full size](#)
8. Instrument Panel Outer Air Outlet Duct (1) >> Install

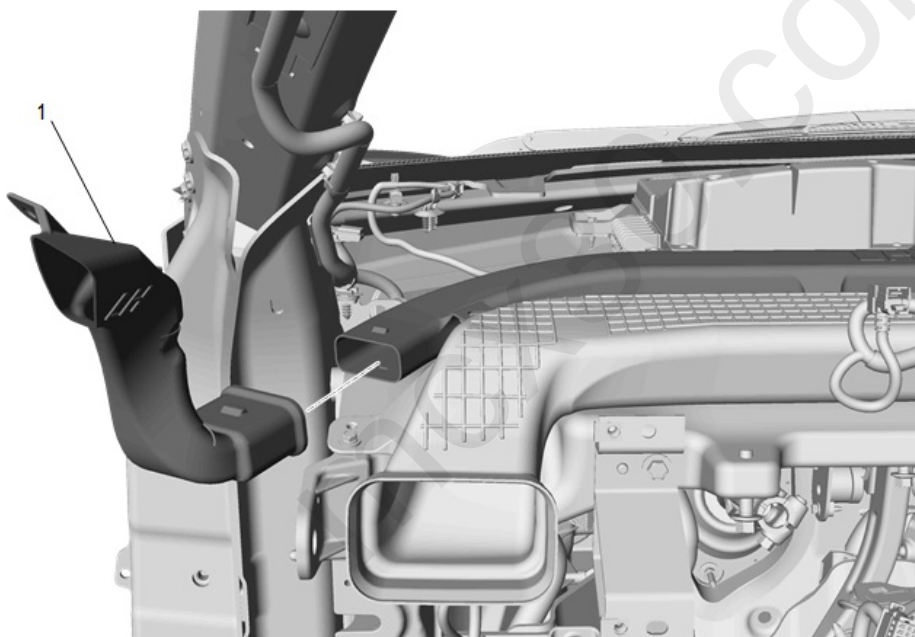


9. [Click here for full size](#)
10. Wiring Harness Retainer (2) @ Instrument Panel Outer Air Outlet Duct >> Install [3x]
11. Note:
Refer to the procedure link for torque specification.
12. Instrument Panel Outer Air Outlet Duct Bolt (1) >> Install [4x] - Instrument Panel Outer Air Outlet Duct Replacement



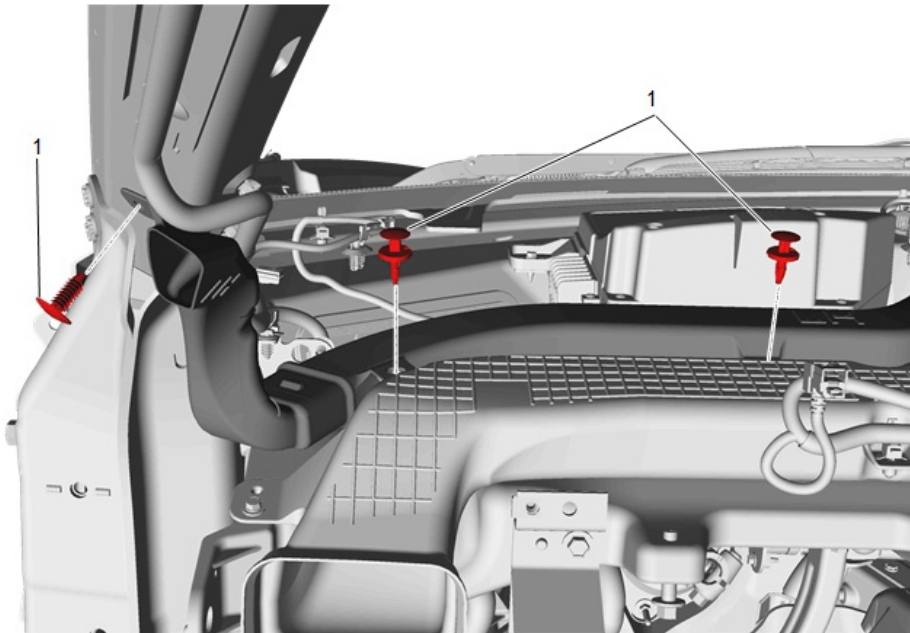
13.
[Click here for full size](#)

14. Side Window Defogger Outlet Duct - Left Side (1) >> Install



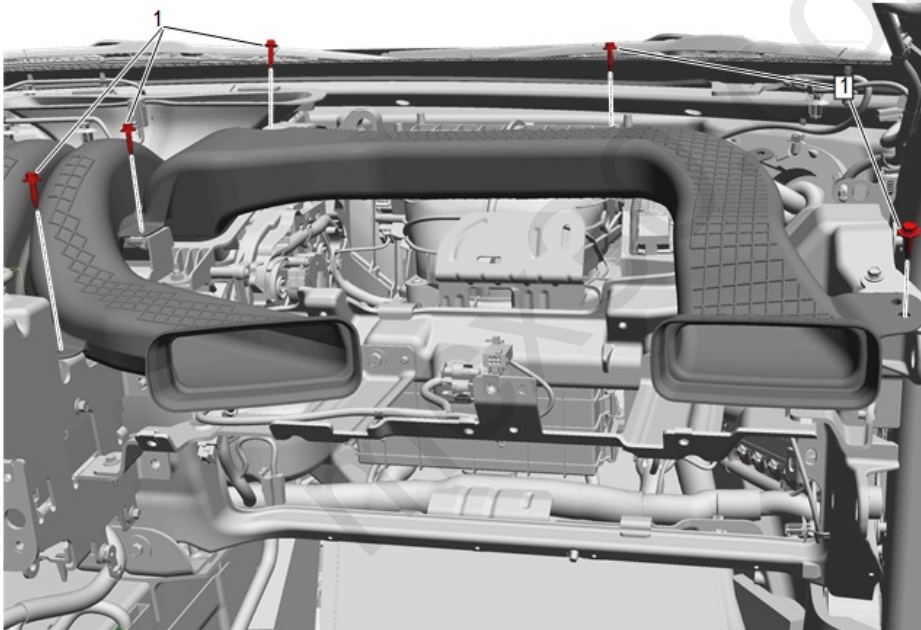
15.
[Click here for full size](#)

16. Side Window Defogger Outlet Duct - Left Side (1) >> Install



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

18. Side Window Defogger Outlet Duct Retainer (1) >> Install [3x]

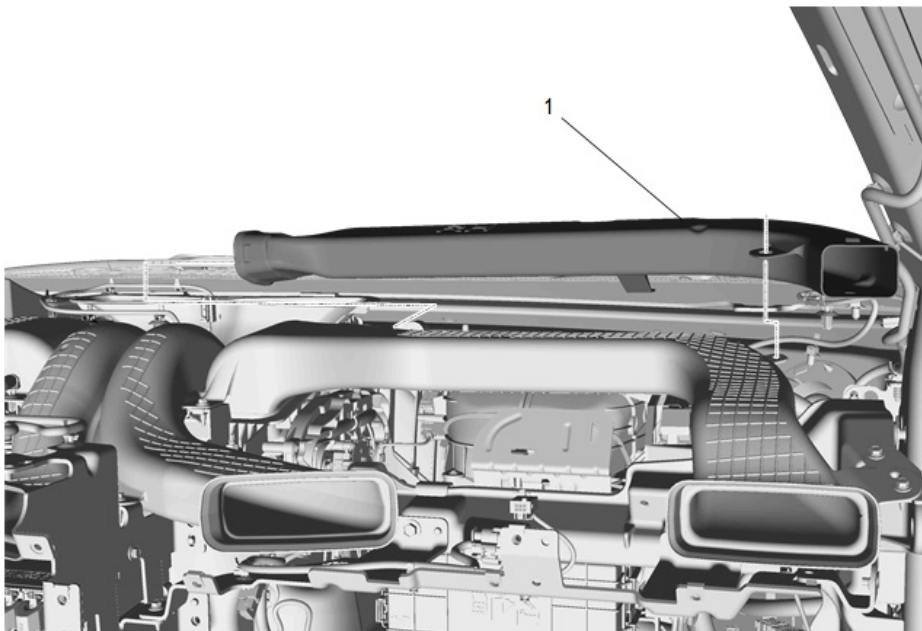


19.
[Click here for full size](#)

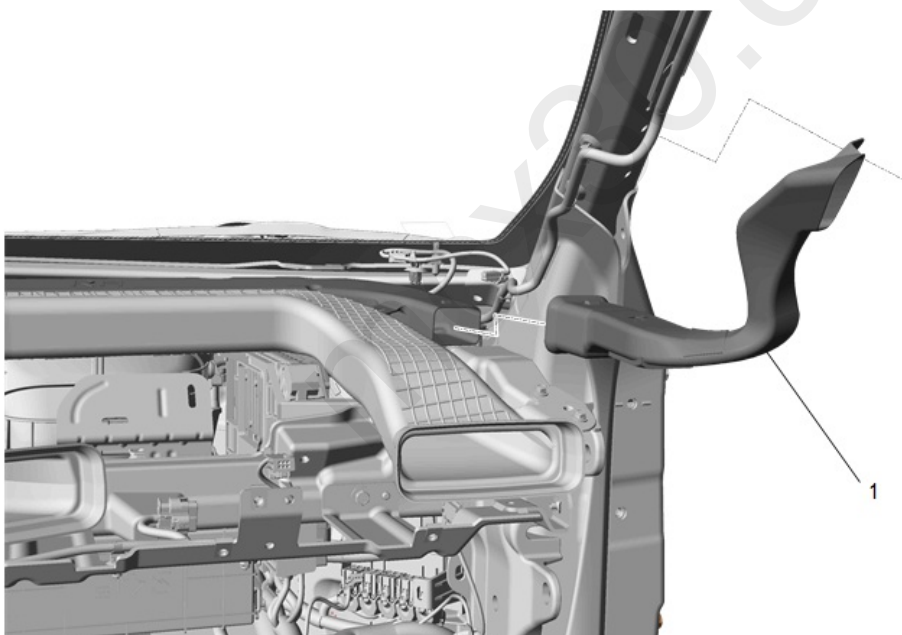
20. Note:

Refer to the procedure link for torque specification.

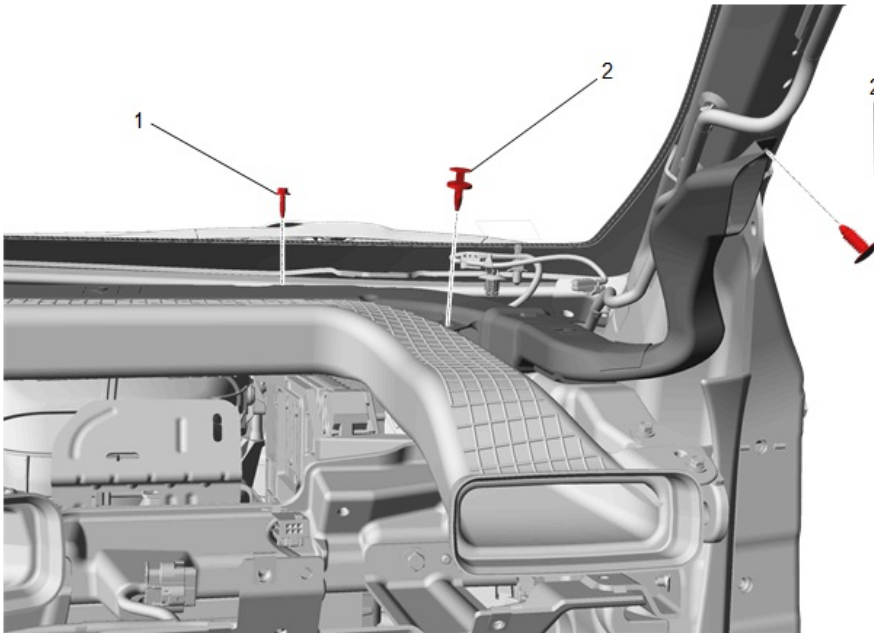
21. Instrument Panel Outer Air Outlet Duct Bolt (1) >> Install [5x] - Instrument Panel Outer Air Outlet Duct Replacement



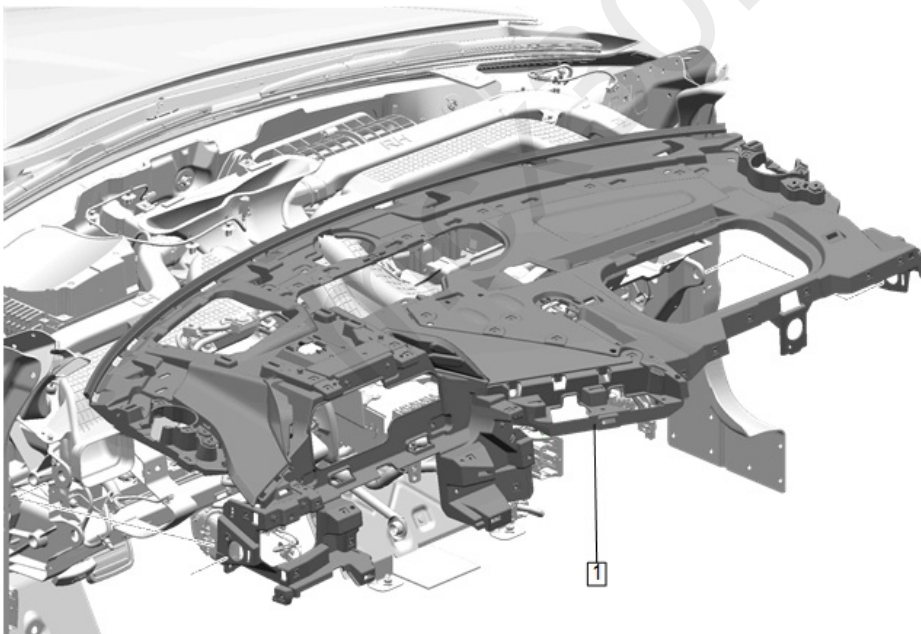
22. [Click here for full size](#)
23. Side Window Defogger Outlet Outer Duct - Right Side (1) >>> Install
24. [Click here for full size](#)
25. Instrument Panel Wiring Harness Retainer (1) @ Side Window Defogger Outlet Outer Duct - Right Side >> Install



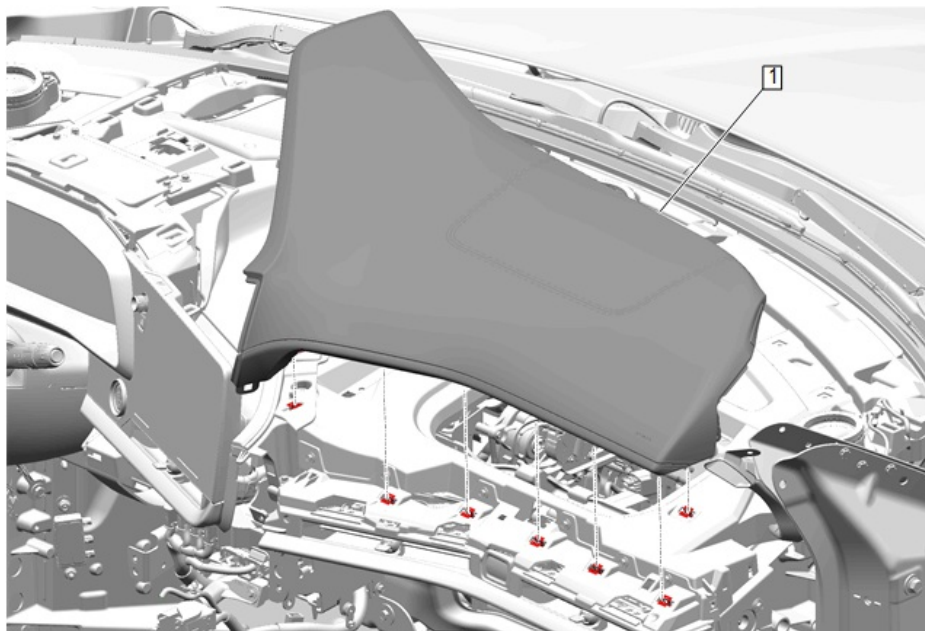
26. [Click here for full size](#)
27. Side Window Defogger Outlet Outer Duct - Right Side (1) >> Install



28. [Click here for full size](#)
29. Side Window Defogger Outlet Duct Retainer (2) >> Install [2x]
30. Note:
- Refer to the procedure link for torque specification.
31. Side Window Defogger Outlet Duct Bolt (1) >> Install - Side Window Defogger Outlet Duct Replacement - Right Side

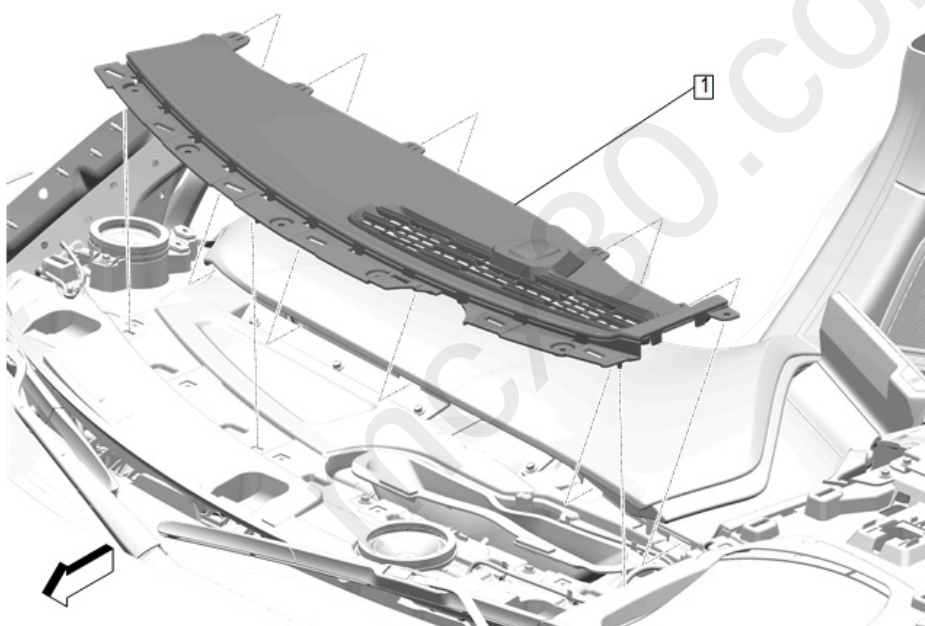


32. [Click here for full size](#)
33. Instrument Panel Carrier (1) >> Install - Instrument Panel Carrier Replacement



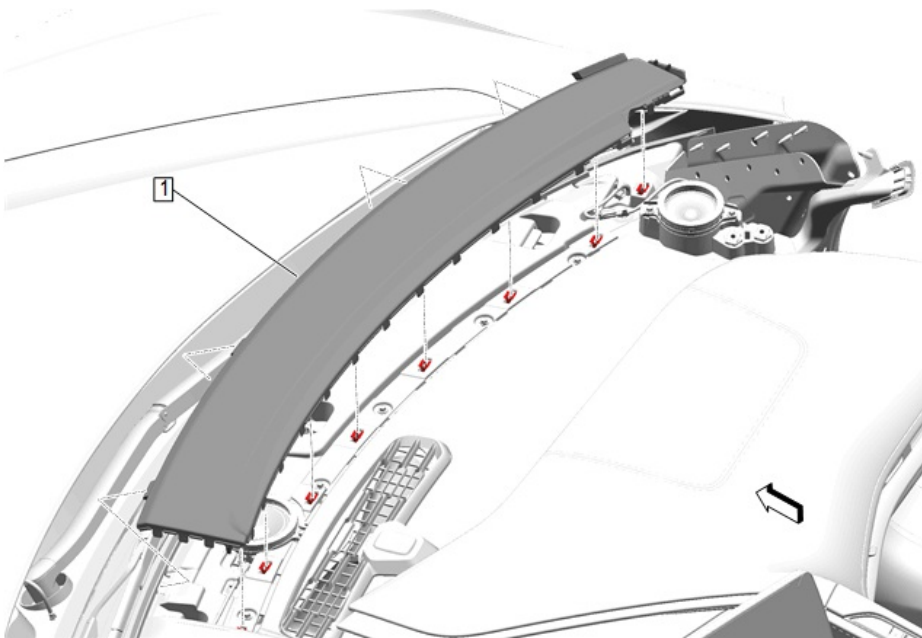
34.
[Click here for full size](#)

35. Instrument Panel Upper Trim Panel (1) >> Install - Instrument Panel Upper Trim Panel Replacement



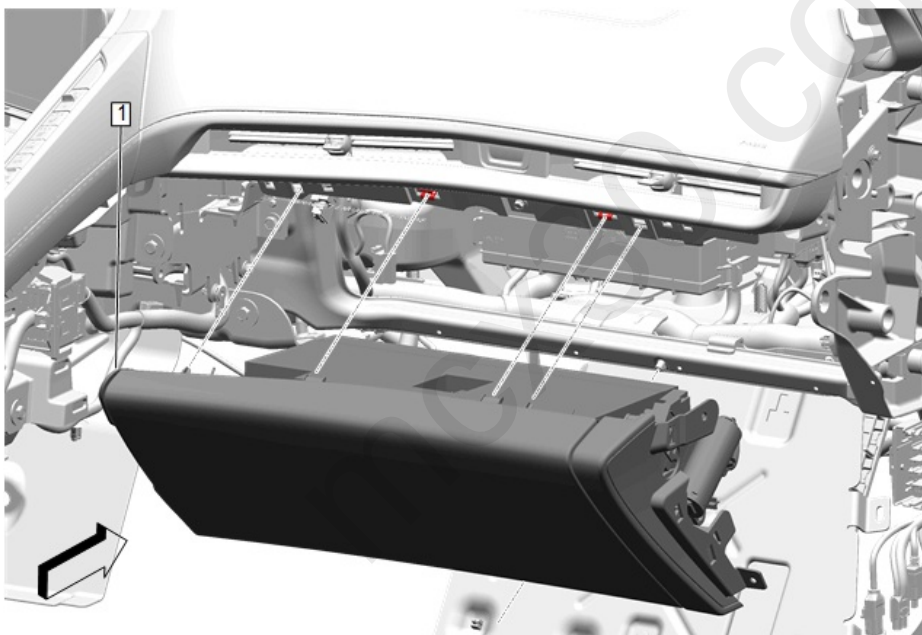
36.
[Click here for full size](#)

37. Instrument Panel Extension (1) >> Install - Instrument Panel Extension Replacement



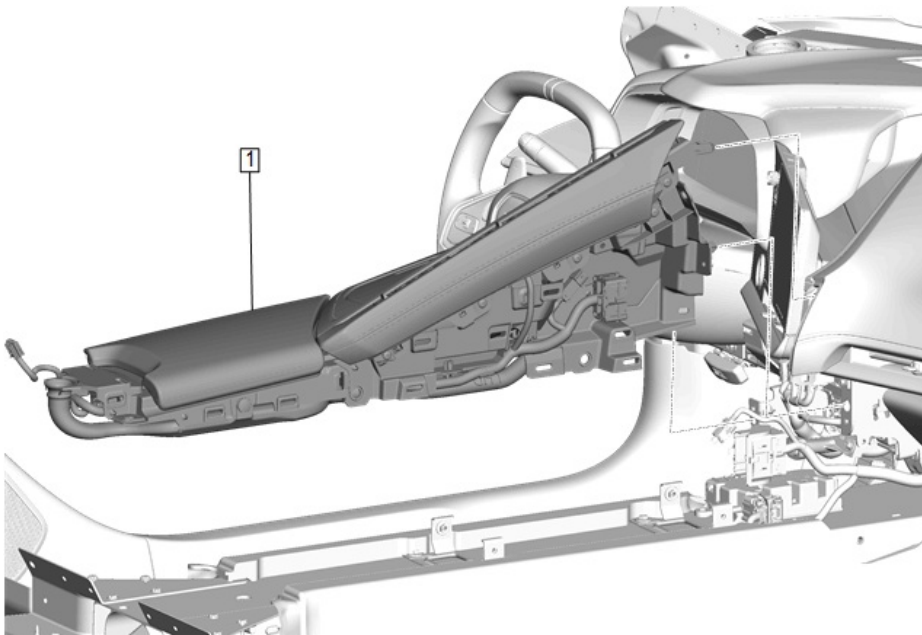
38.
[Click here for full size](#)

39. Radio Front Center Speaker Grille (1) >> Install - Radio Front Center Speaker Grille Replacement



40.
[Click here for full size](#)

41. Instrument Panel Compartment (1) >> Install - Instrument Panel Compartment Replacement



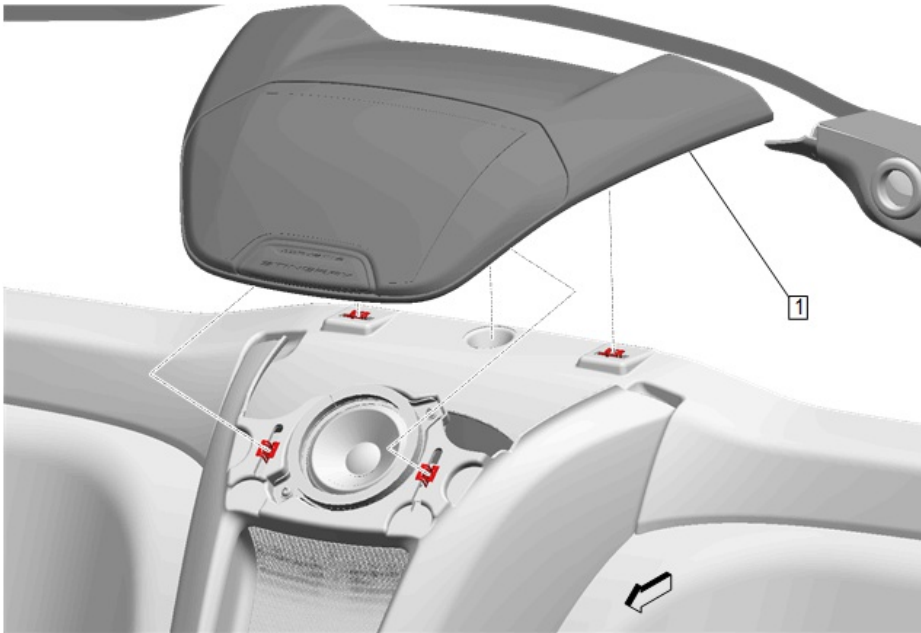
42.
[Click here for full size](#)

43. Front Floor Console Compartment (1) >> Install - Front Floor Console Compartment Replacement



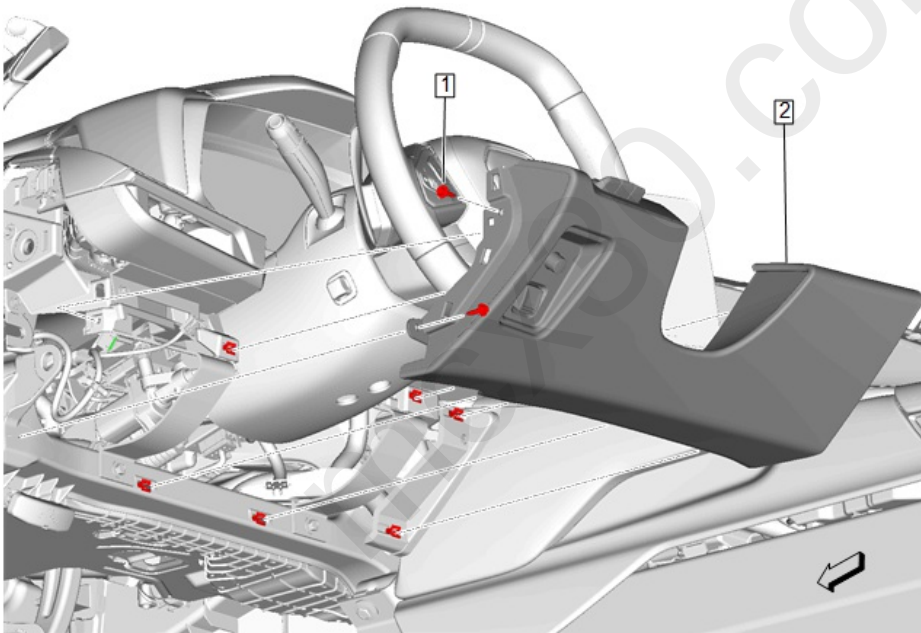
44.
[Click here for full size](#)

45. Rear Compartment Closeout Panel (1) >> Install - Rear Compartment Closeout Panel Replacement



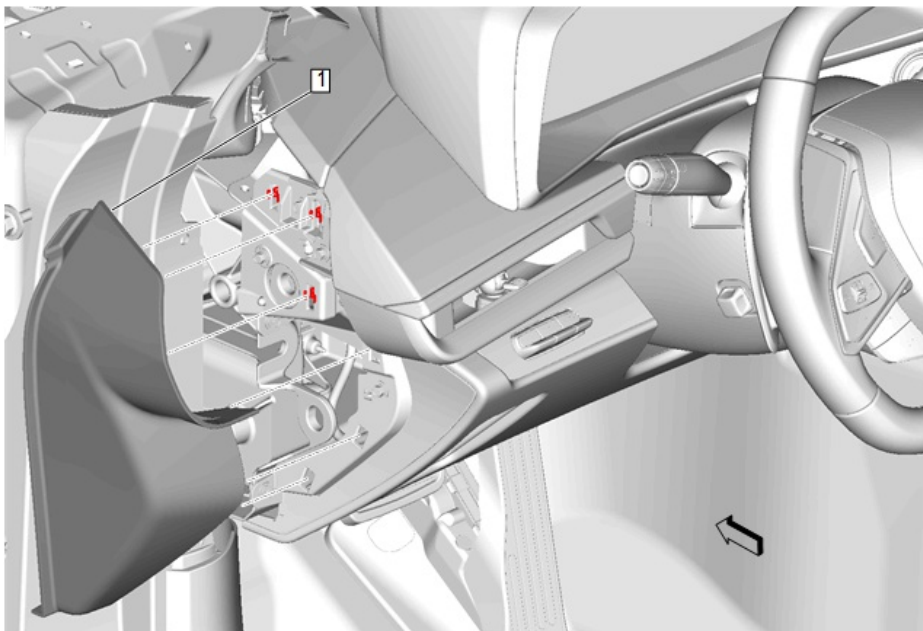
46.
[Click here for full size](#)

47. Radio Rear Quarter Trim Panel Speaker Grille (1) >> Install - Radio Rear Quarter Trim Panel Speaker Grille Replacement



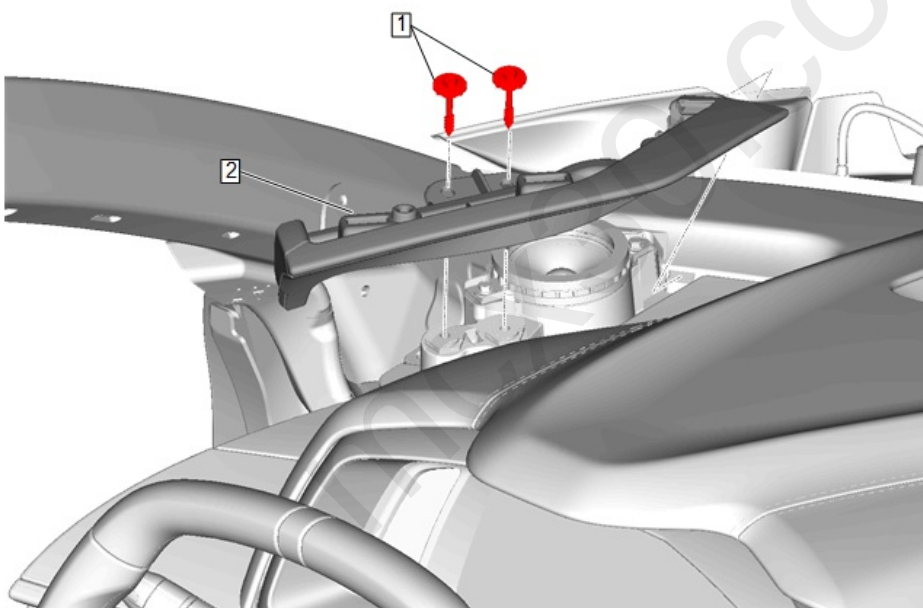
48.
[Click here for full size](#)

49. Instrument Panel Knee Bolster (2) >> Install - Instrument Panel Knee Bolster Replacement



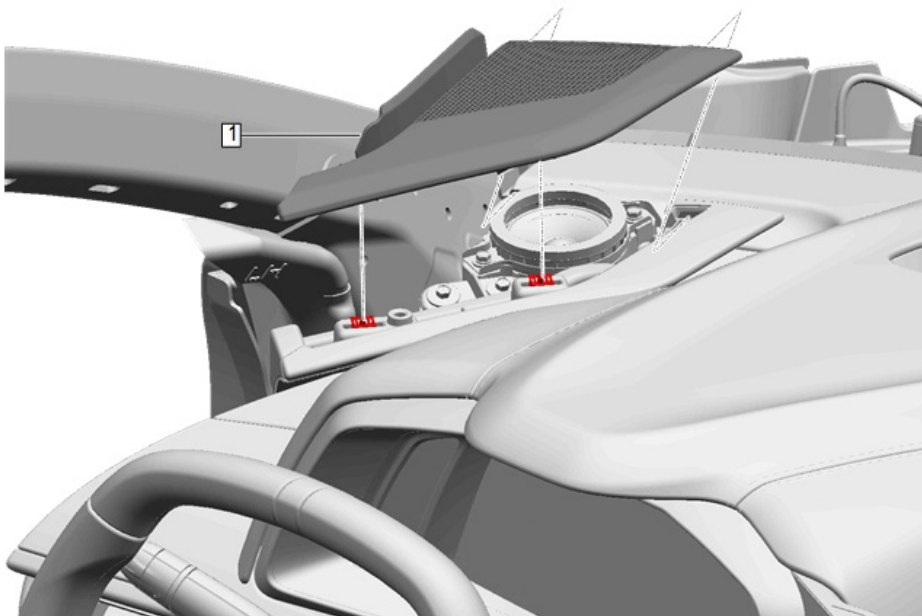
50.
[Click here for full size](#)

51. Install the left and right instrument panel outer trim cover (1).Instrument Panel Outer Trim Cover Replacement



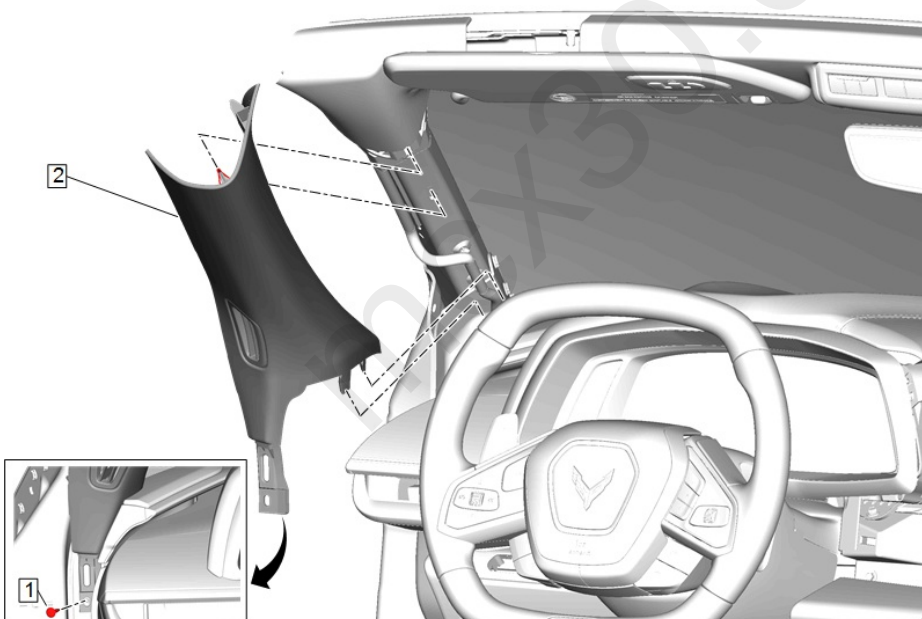
52.
[Click here for full size](#)

53. Install the left and right radio front speaker grille molding (2).Radio Front Speaker Grille Molding Replacement



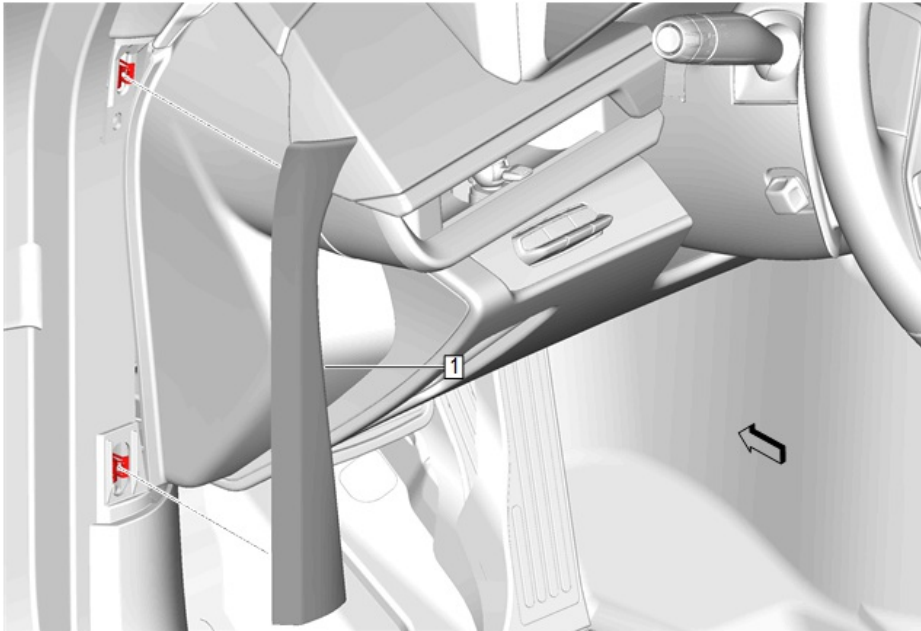
54.
[Click here for full size](#)

55. Install the left and right instrument panel trim pad radio speaker opening cover (1).Instrument Panel Trim Pad Radio Speaker Opening Cover Replacement



56.
[Click here for full size](#)

57. Install the left and right windshield garnish molding (2).Windshield Garnish Molding Replacement



58.
[Click here for full size](#)

59. Install the left and right body hinge pillar garnish molding (1).Body Hinge Pillar Garnish Molding Replacement

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