

July 27, 2019

Version 2

High-Pitched Noise from the Heater Case

Supersedes 19-023, dated April 12, 2019, to update the information highlighted in yellow

AFFECTED VEHICLES - HEATER CASE MIS-ALIGNMENT

Year	Model	Trim	VIN Range
2018	Odyssey	ALL	5FNRL6H...JB000001 thru 5FNRLH...JB047001

AFFECTED VEHICLES - BLOWER MOTOR ONLY

Year	Model	Trim	VIN Range
2018	Odyssey	ALL	ALL
2019	Odyssey	ALL	5FNRL6H..KB000001 thru 5FNRL6H..KB023543

REVISION SUMMARY

Model and model years were removed from the title.

SYMPTOM

There is a high-pitched noise coming from the heater case while the fan is on.

POSSIBLE CAUSES

Some vehicles might have a defective rear blower motor or could have a heater case that was warped during the manufacturing cooling process.

CORRECTIVE ACTION

Do the diagnosis. Then, based on your results, do either REPAIR PROCEDURE A or REPAIR PROCEDURE B.

PARTS INFORMATION

Part Name	Part Number	Quantity
Passenger Knee Airbag Bolts	90178-TZ5-003	3
Rear HVAC Blower Motor	79315-THR-A42	1

CUSTOMER INFORMATION: The information in this bulletin is intended for use only by skilled technicians who have the proper tools, equipment, and training to correctly and safely maintain your vehicle. These procedures should not be attempted by "do-it-yourselfers," and you should not assume this bulletin applies to your vehicle, or that your vehicle has the condition described. To determine whether this information applies, contact an authorized Honda automobile dealer.

REQUIRED MATERIALS

Part Name	Part Number	Quantity
EPT Foam 40 mm X 40 mm (One roll repairs 25 vehicles.)	06992-SA5-000	1
Felt 45 mm X 45 mm (One roll repairs 22 vehicles.)	06993-SA5-000	1

WARRANTY CLAIM INFORMATION

The normal warranty applies

Operation Number	Description	Flat Rate Time	Defect Code	Symptom Code	Template ID	Failed Part Number
6135A1	Do the diagnosis. Do REPAIR PROCEDURE A - drivers side	0.8 hr	03214	01101	A19023A	79106-THR-A53
6135A2	Do the diagnosis. Do REPAIR PROCEDURE A - both sides	1.6 hrs	03214	01101	A19023B	79106-THR-A53
6135A3	Do the diagnosis. Do REPAIR PROCEDURE B.	0.8 hr	03214	01101	A19023C	79315-THR-A42

DIAGNOSIS

1. Close all of the doors and windows. Set the front HVAC system fan speed to low during the diagnosis to minimize sounds coming from the front blower motor.
2. Set the rear HVAC system fan speed to medium, and set the temperature to 70 degrees blowing on the floor setting.
3. Cycle the rear HVAC system fan speed from low to medium, and listen for the noise. Once the noise is heard, cycle the rear HVAC system on and off. Listen for the noise to go away as the rear HVAC unit is being turned off.
 - If the noise remains unchanged when the rear HVAC system is turned off, go to REPAIR PROCEDURE A.
 - If the noise goes away when the rear HVAC system is turned off, go to REPAIR PROCEDURE B.

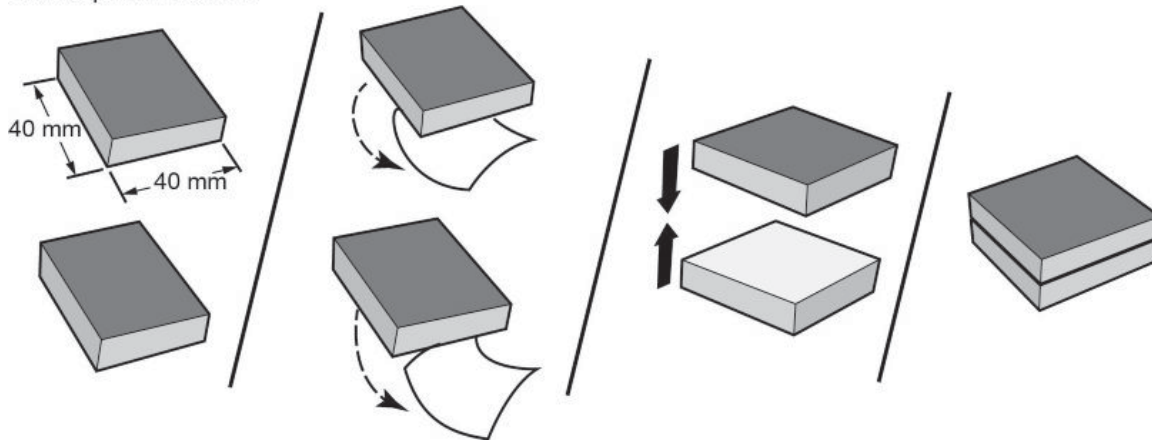
REPAIR PROCEDURE A

Driver's Side

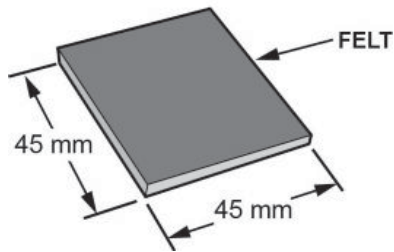
Applies to 2018 Odyssey from VIN 5FNRL6H...JB000001 thru 5FNRLH...JB047001

1. Cut two 40 mm X 40 mm squares from the foam roll.

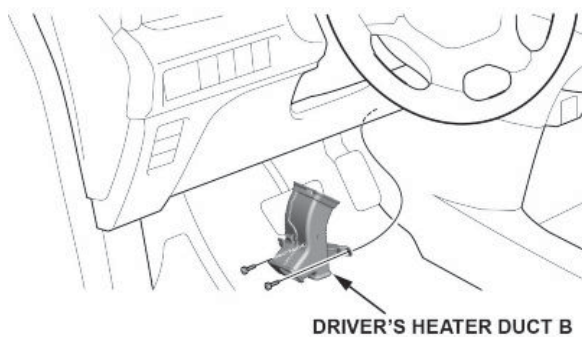
Cut 2 squares of foam.



2. Peel off the sheets from the backs of two of the squares, and stick the adhesive sides together.
3. Cut one 45 mm X 45 mm square from the felt.



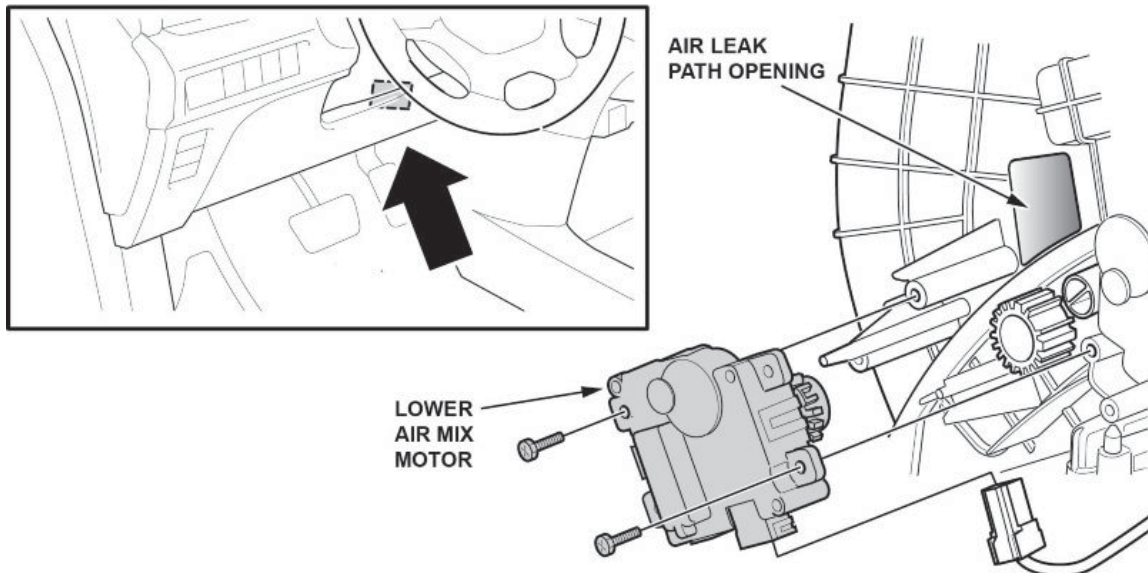
4. Remove the driver's side center console panel.
5. Remove the driver's heater duct B (two screws).



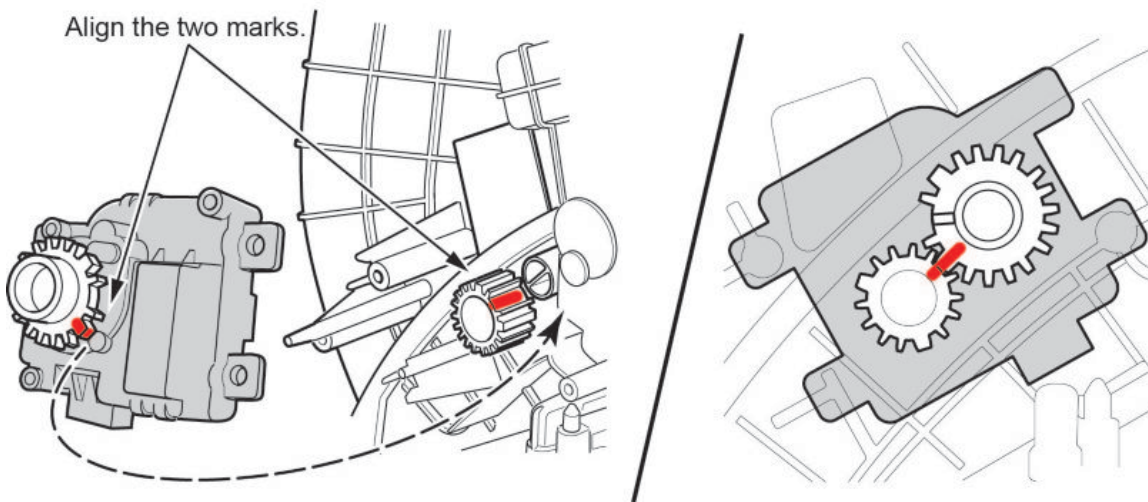
NOTE

Set the driver's temperature to MAX COOL (Lo) before removing the air mix control motor.

6. Remove the 7 mm Phillips head screws from the lower air mix motor, then remove motor.

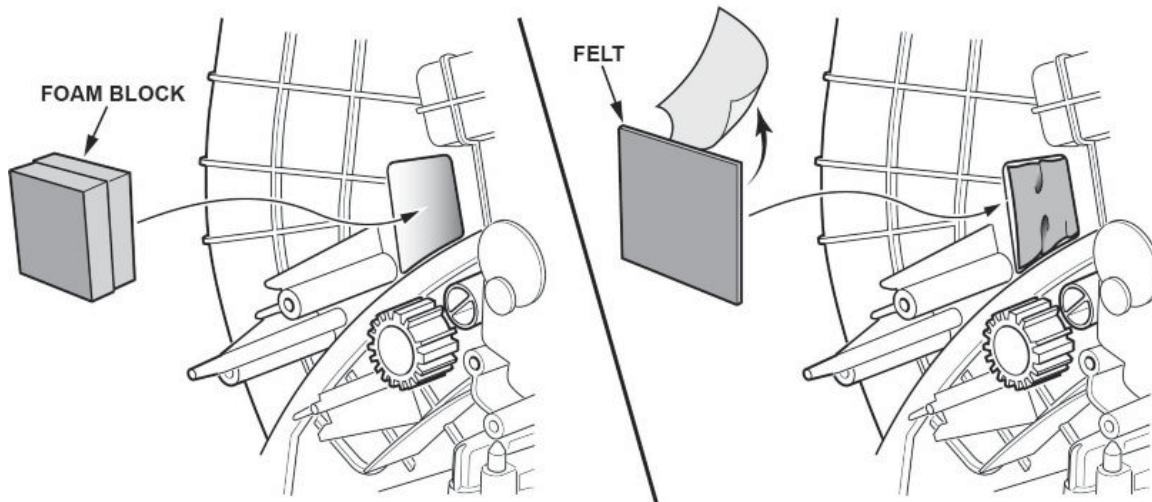


7. Mark the gear on the motor and the gear on the vehicle. This will help with alignment during installation.



8. Locate the air leak path opening.

9. Install the foam block to the opening as shown.



10. Apply the felt square to the opening as shown.

11. Install all removed parts.

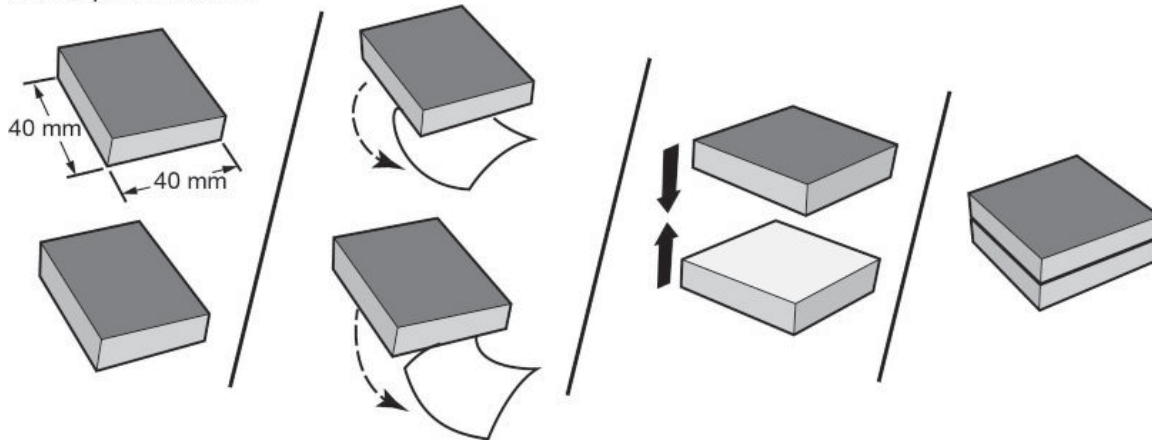
12. Check to see if the noise is gone.

- If the noise is gone the procedure is complete.
- If the noise is still present, go to step 13 (Passenger Side).

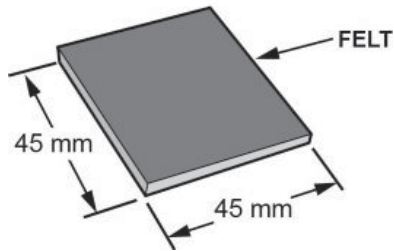
Front Passenger's Side

13. Cut two 40 mm X 40 mm squares from the foam roll.

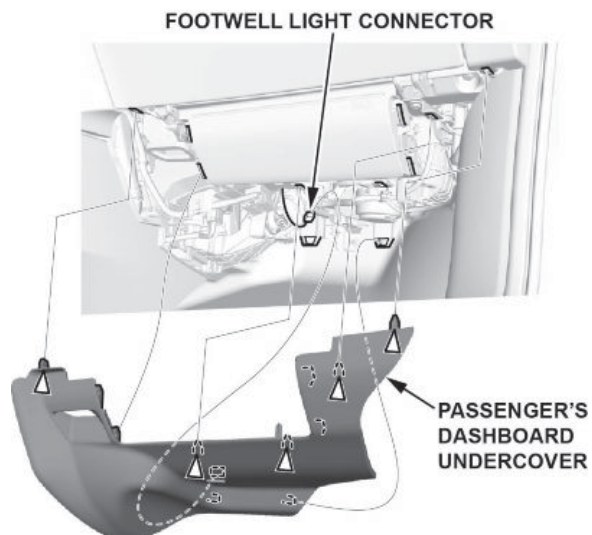
Cut 2 squares of foam.



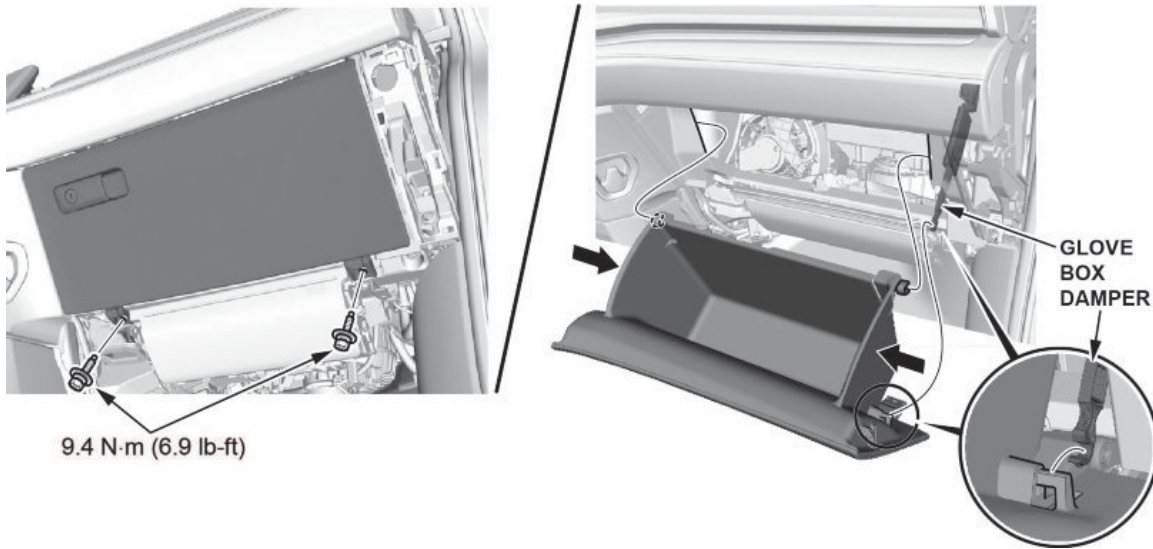
14. Peel off the sheets from the backs of two of the squares, and stick the adhesive sides together.
15. Cut one 45 mm X 45 mm square from the felt .



16. Remove the passenger's dashboard undercover, and disconnect the footwell light.



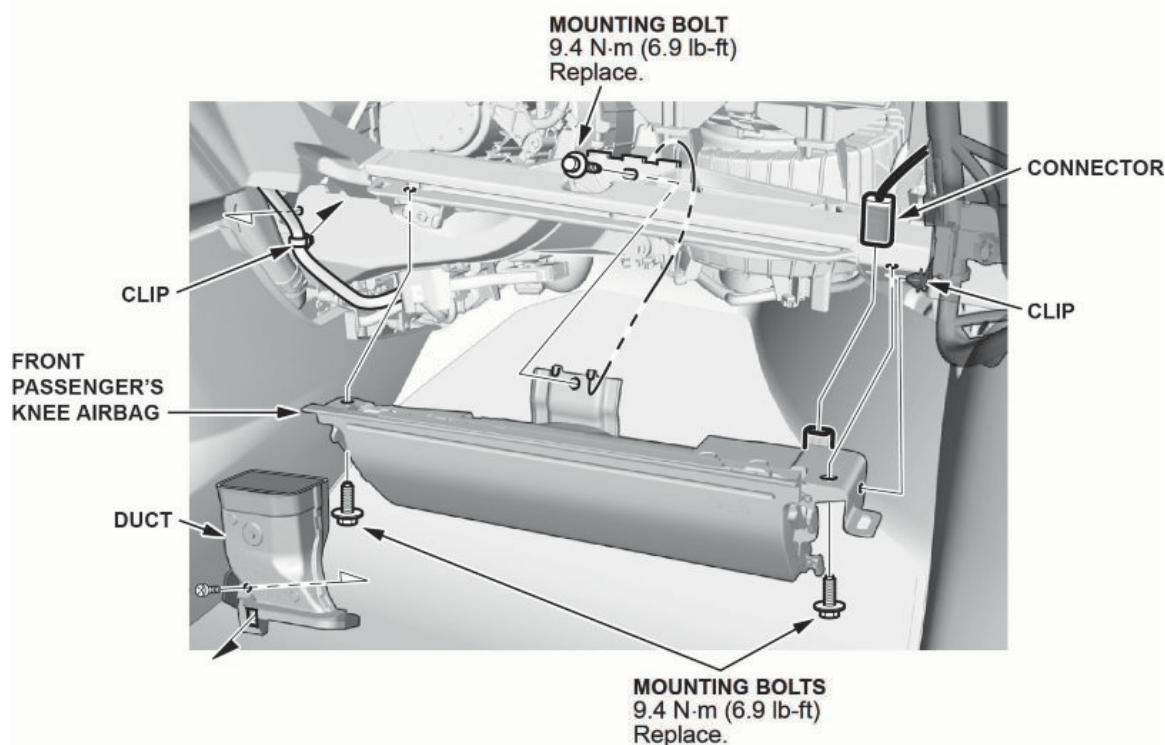
17. Remove the glove box.



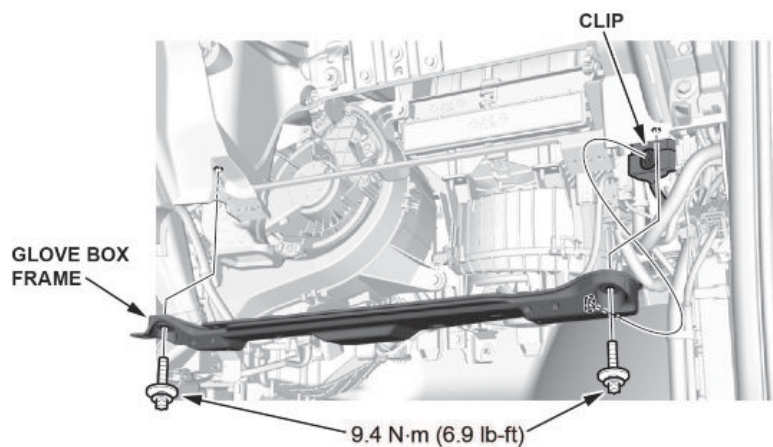
NOTES

- SRS components are located in this area. Review the SRS component locations and the precautions and procedures before doing repairs or service. See the service information.
- Do the 12-volt battery terminal disconnect procedure.

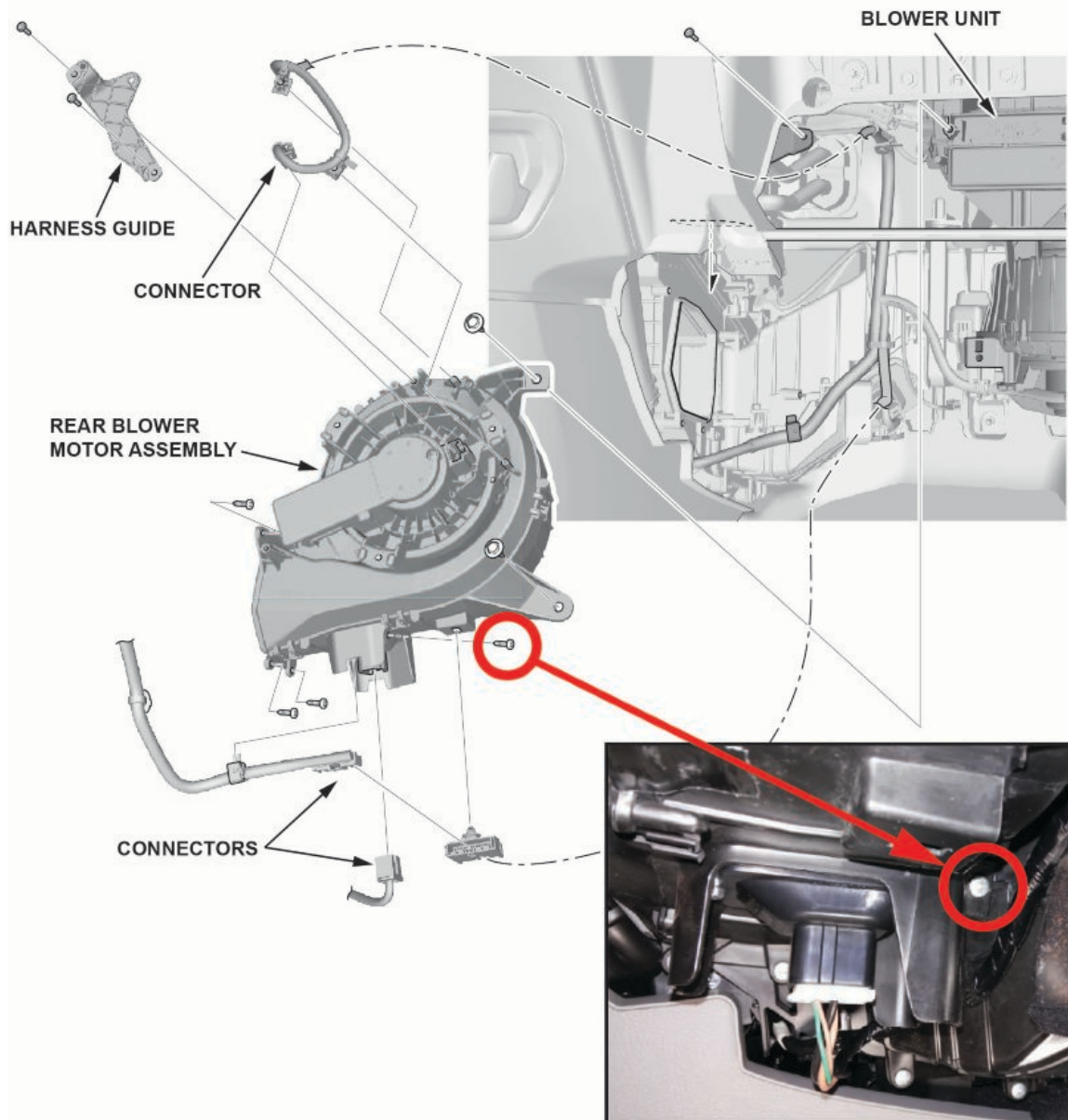
18. Remove the front passenger's knee airbag and duct.



19. Remove the glove box frame.



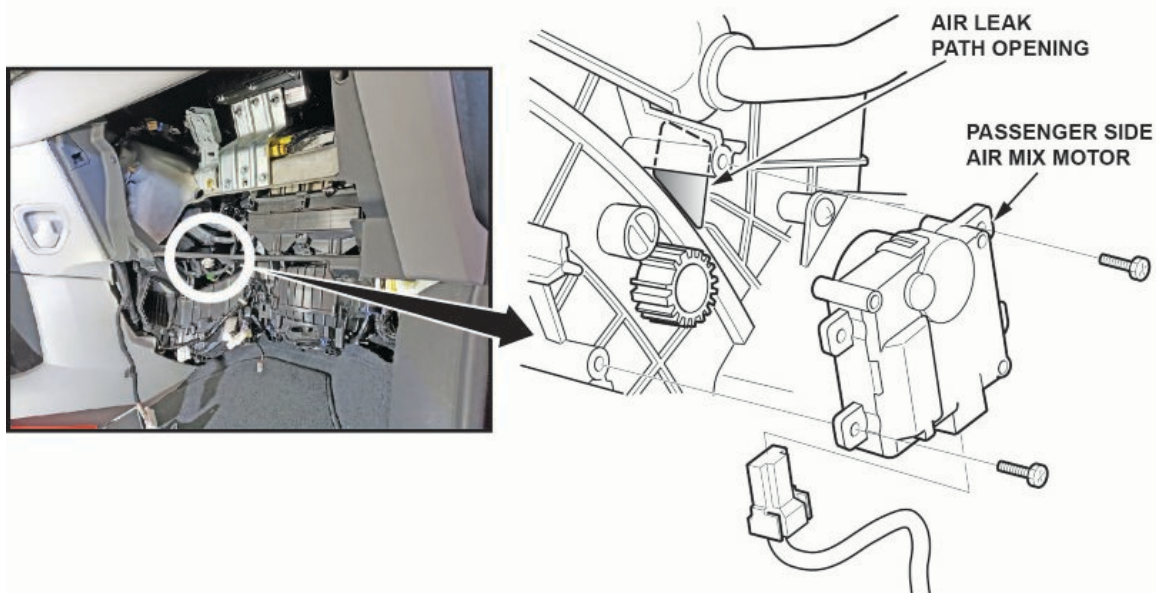
20. Remove the rear blower motor assembly.



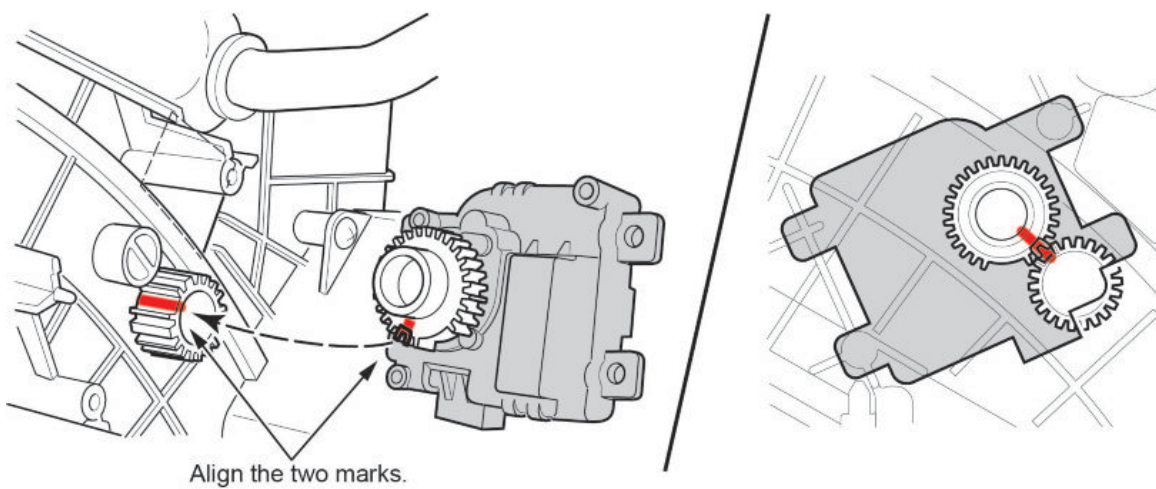
NOTE

With front dual zone climate control: Set the front passenger's temperature to MAX HOT (Hi) before removing the passenger's side air mix motor.

21. Remove the 7 mm Phillips head screws from the air mix motor. Then remove the motor.

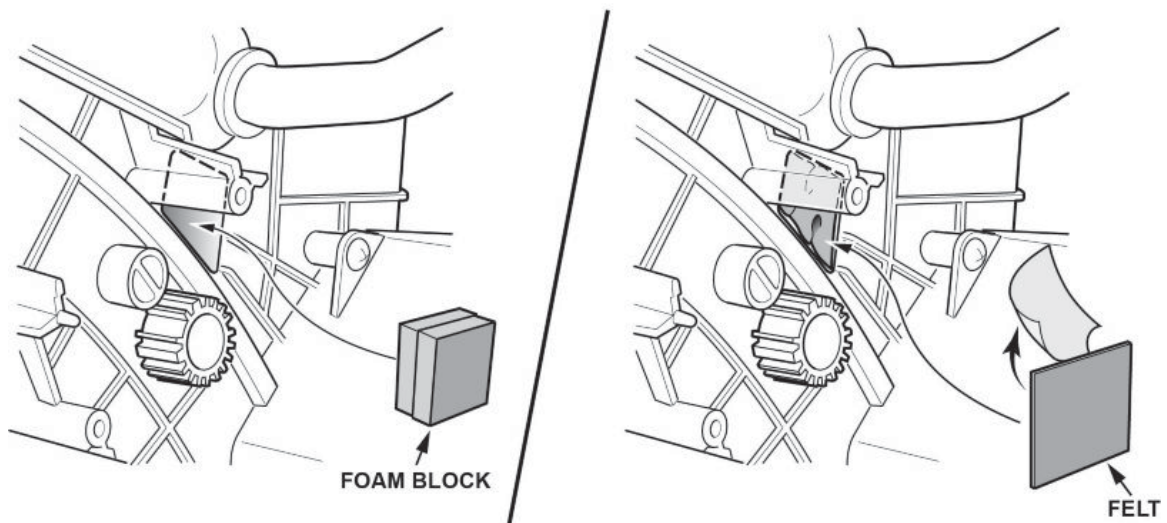


22. Mark the gear on the air mix motor and the gear on the vehicle. This will help with alignment during installation.



23. Locate the air leak path opening.

24. Install the foam block to the opening as shown.



25. Stick the felt square to the opening as shown.

26. Install all removed parts.

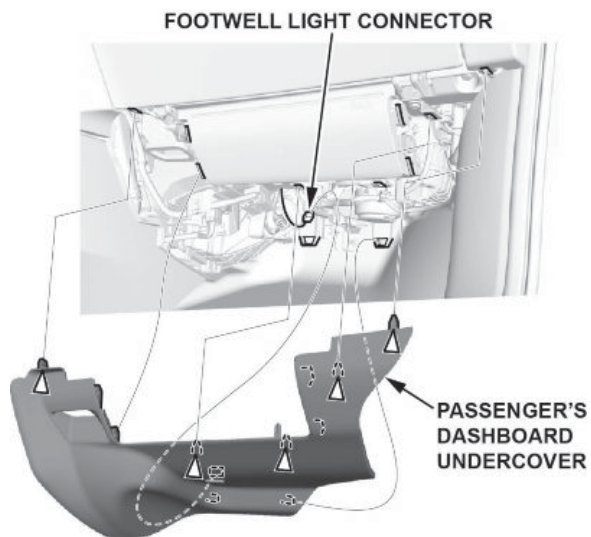
27. Verify the noise is gone.

REPAIR PROCEDURE B

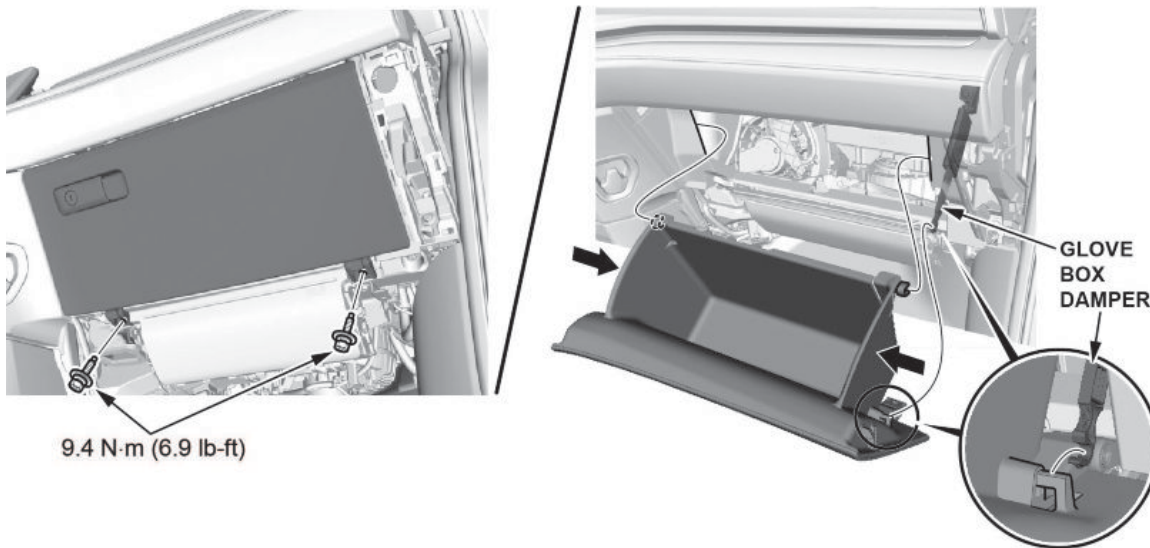
Applies to 2018 Odyssey:

Applies to 2019 Odyssey: from VIN 5FNRL6H..KB000001 thru 5FNRL6H..KB023543

1. Remove the passenger's dashboard undercover and disconnect the footwell light.

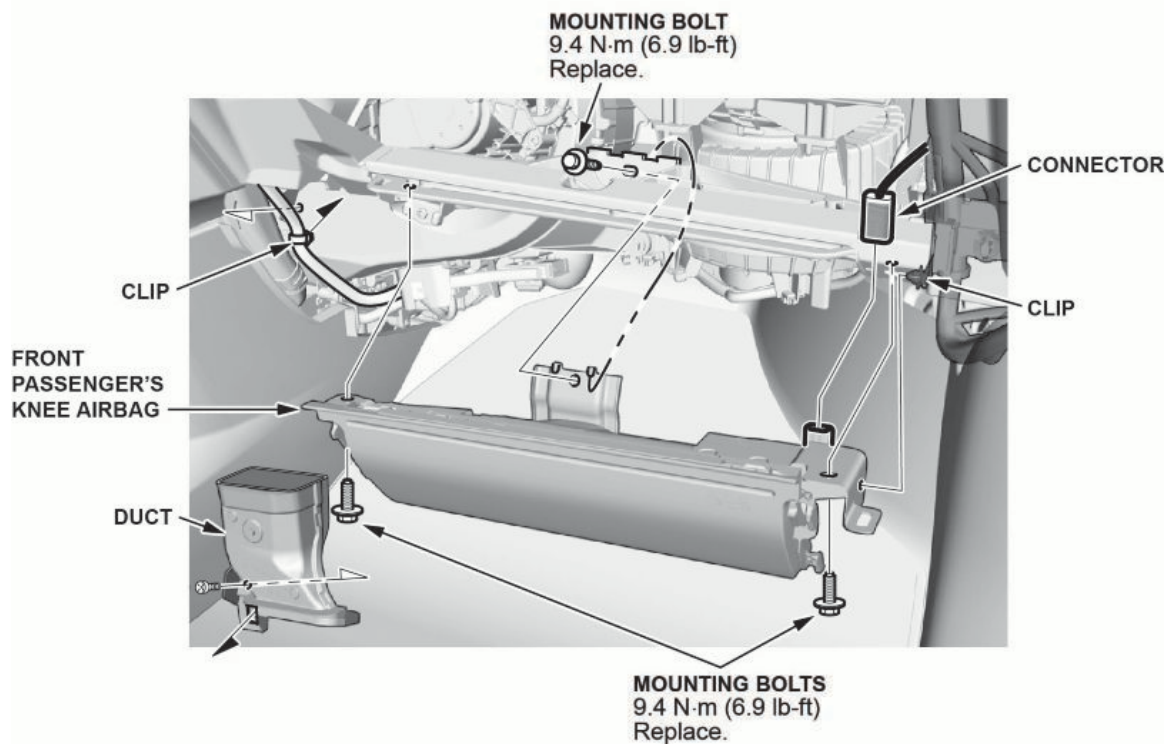


2. Remove the glove box.

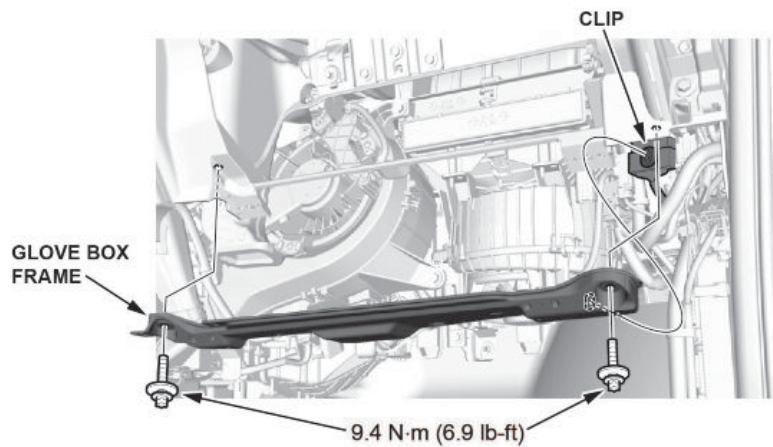


NOTES

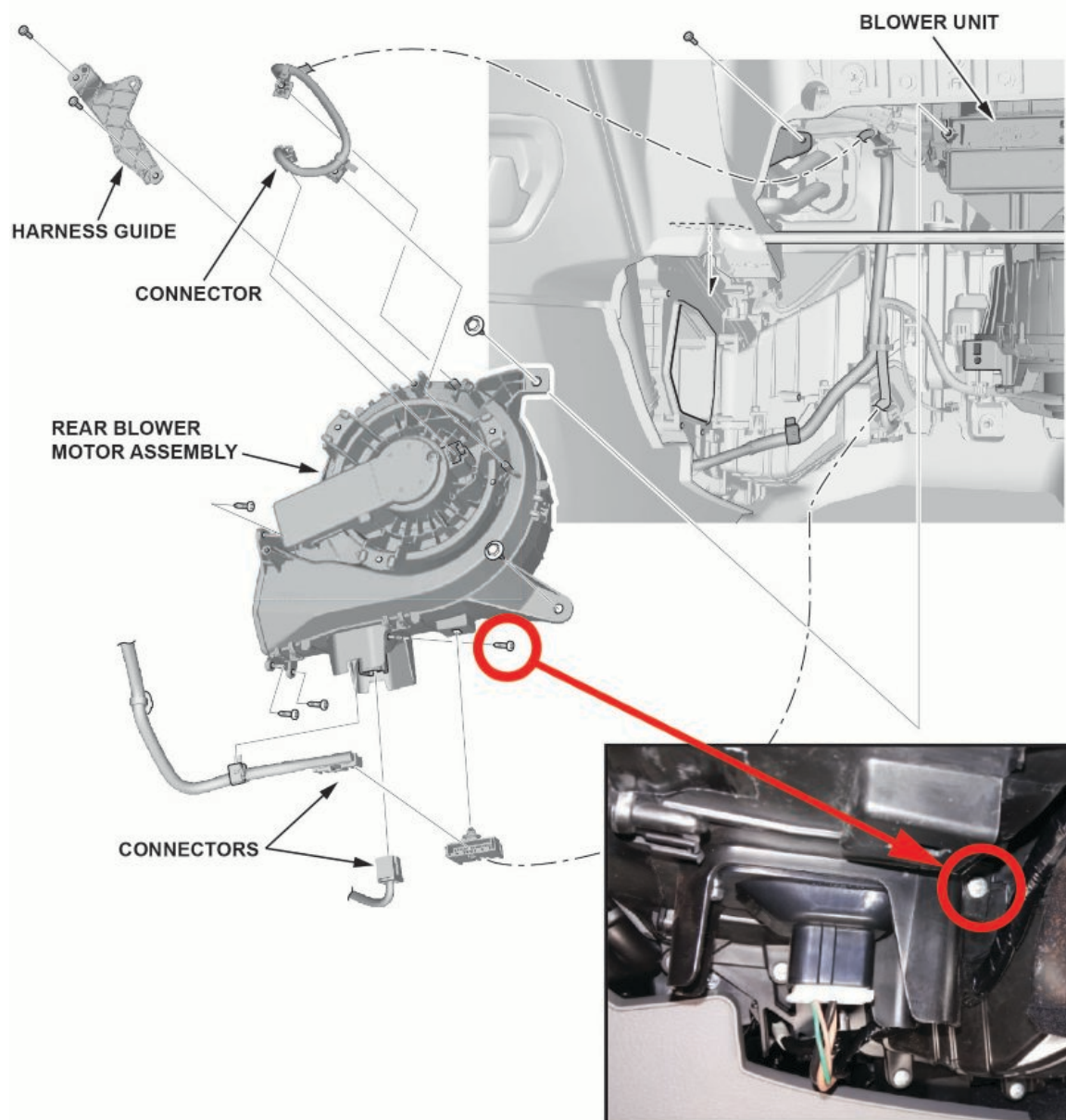
- SRS components are located in this area. Review the SRS component locations and the precautions and procedures before doing repairs or service. See the service information.
 - Do the 12-volt battery terminal disconnect procedure. See the service information.
3. Remove the front passenger's knee airbag and duct.



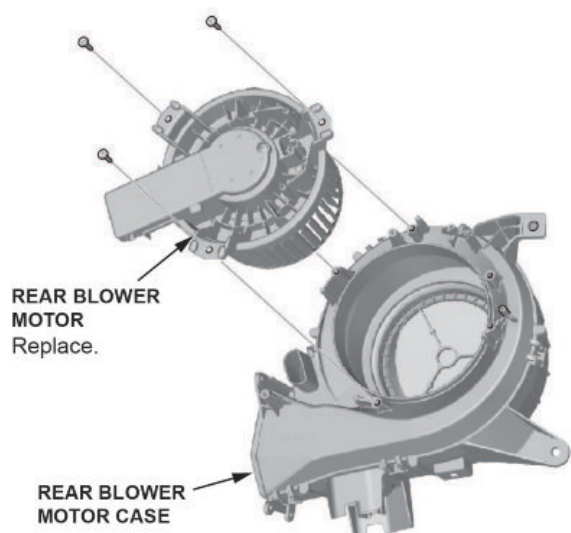
4. Remove the glove box frame.



5. Remove the rear blower motor assembly.



6. Remove the rear blower motor.



7. Install the new rear blower motor.
8. Install all removed parts.
9. Make sure the noise is gone.

END