

June 15, 2024

Version 1

Pop Noise From Rear of the Vehicle

AFFECTED VEHICLES

Year	Model	Trim Level	VIN Range
2023	Pilot	Trail Sport	5FNYG1...PB038137 thru 5FNYG1...PB041361
		Sport	5FNYG2...PB010716 thru 5FNYG1...PB040950
		LX	5FNYG2...PB009985 thru 5FNYG1...PB038904
		EX	5FNYG2...PB009784 thru 5FNYG1...PB041582
		Elite	5FNYG1...PB035703 thru 5FNYG1...PB041301
		Touring	5FNYG1...PB036563 thru 5FNYG2...PB011207

SYMPTOM

Pop noise in the left-rear third row seat area when driving down rough roads or turning.

POSSIBLE CAUSE

Improper welds on the third row seat crossmember.

CORRECTIVE ACTION

Drill spot welds and plug weld the crossmember.

TOOL INFORMATION

Tool Name	Tool Number	Quantity
110V Mig Welder (commercially available)	N/A	1
8mm spot weld drill bit (commercially available)	N/A	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.

WARRANTY CLAIM INFORMATION

The normal warranty applies.

Operation Number	Description	Flat Rate Time	Defect Code	Symptom Code	Template ID	Failed Part Number
8130B5	Plug weld the third row crossmember (including the inspection and test drive).	0.9 hr	02401	04217	A24065A	65720-T90-A00ZZ

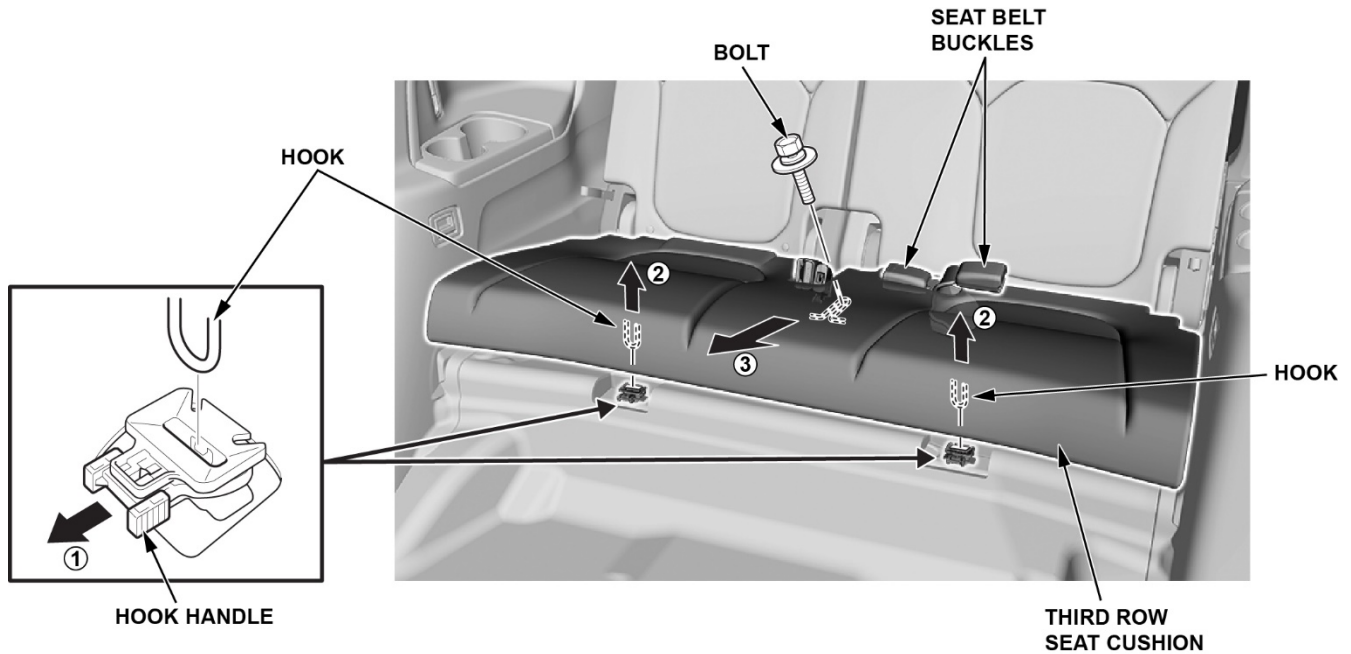
Skill Level: Repair Technician

Submit the body shop sublet invoice using sublet code B2 and enter the invoice number and sublet amount. Then, upload the body shop invoice file under file attachments.

Sublet Information				
Sublet Code	Work Description	Invoice No.	Rental Days	Sublet Amount
B2	BODY REPAIRS/WORKS			
<< SELECT >>				
Upload files		File Attachments		

INSPECTION PROCEDURE

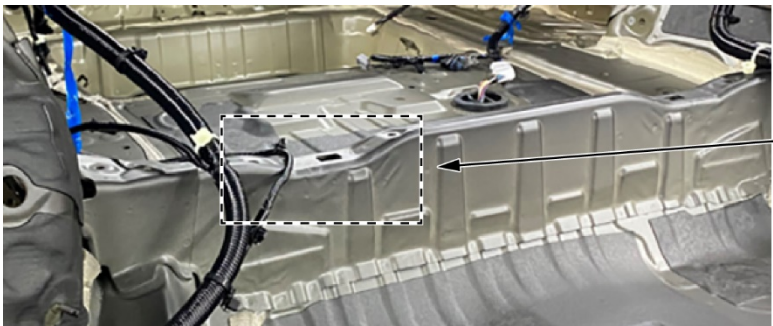
1. While pushing down on the third row seat cushion, pull the seat hook handles to release the hooks, remove the bolt then, remove the third row seat lower cushion.



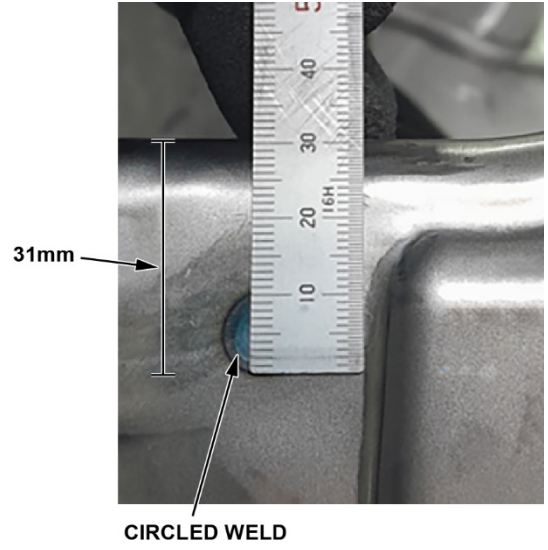
2. Pull out and gently fold the carpet forward to expose the third row seat crossmember.



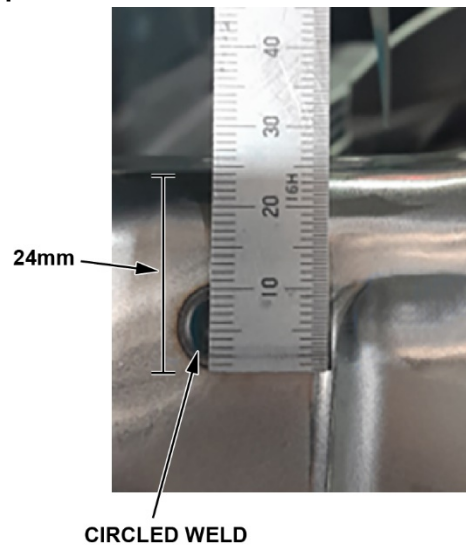
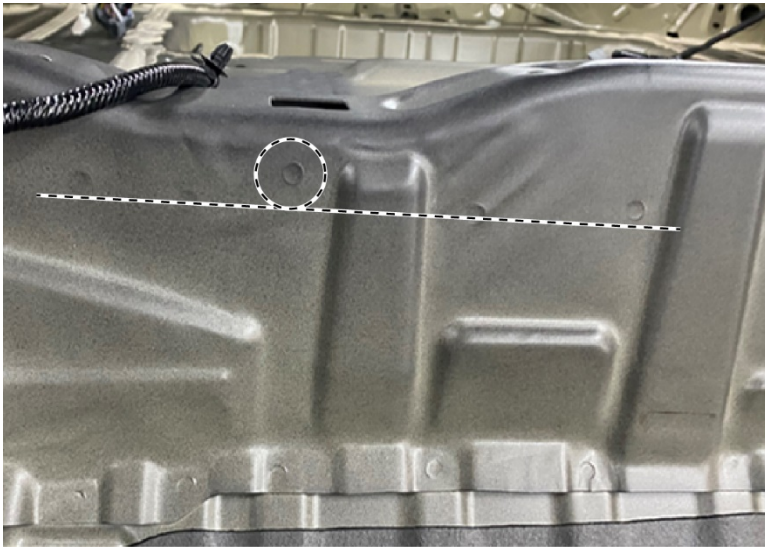
3. Check the orientation of the weld spots in the location shown.



- If the welds are in a straight line and the weld that is circled measures **31 mm** from the top edge of the crossmember to the bottom of the weld, **this service bulletin does not apply**. Continue with normal troubleshooting.



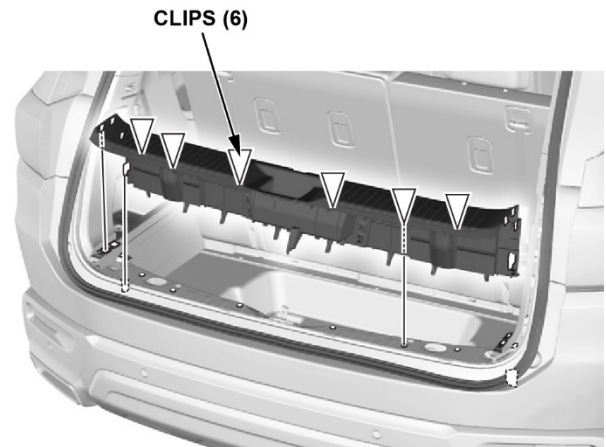
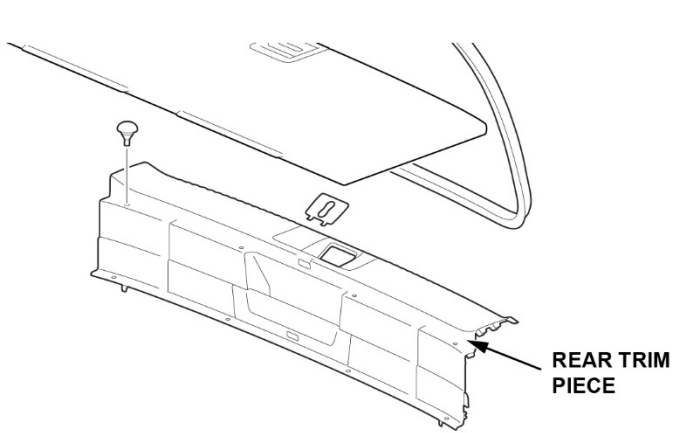
- If the welds are not in line and the weld that is circled is higher and measures **24 mm** from the top edge of the crossmember to the bottom of the weld, **continue to the next step**.



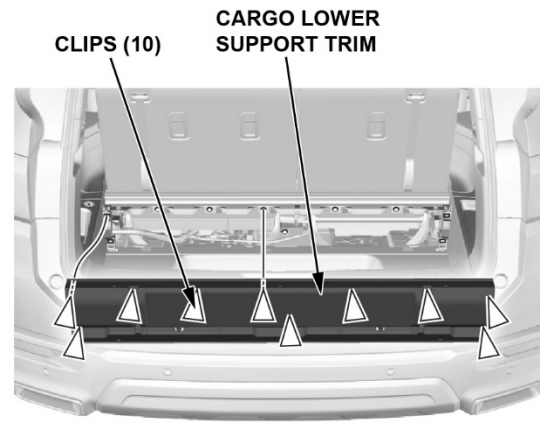
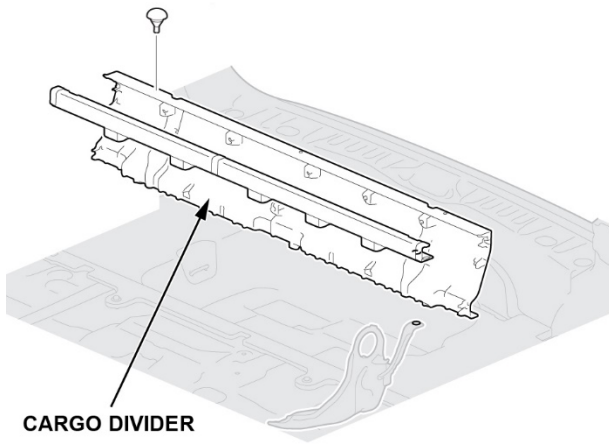
4. Remove the cargo board.



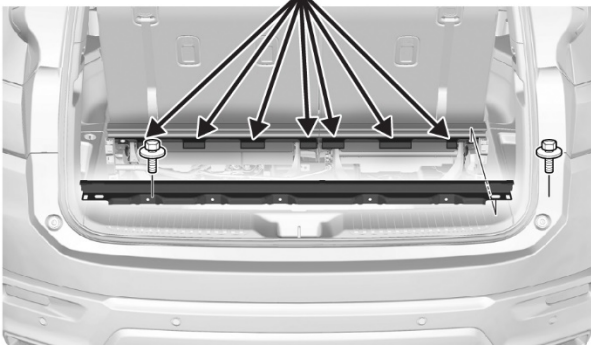
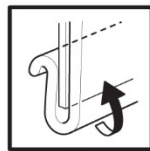
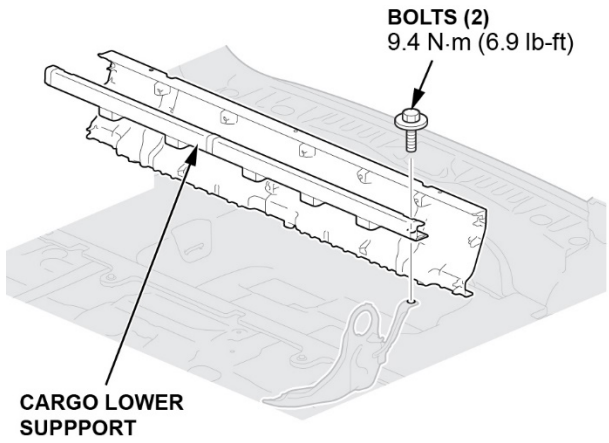
5. Remove the rear trim piece.



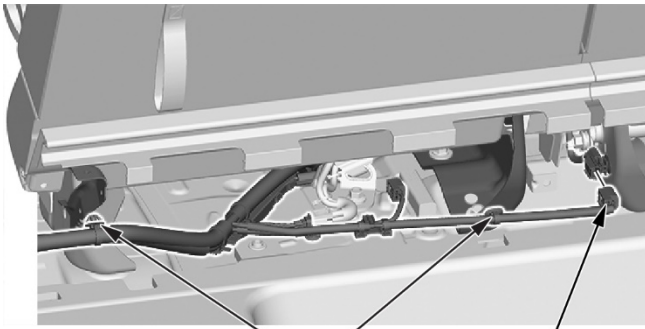
6. Remove the cargo lower support trim.



7. Remove the cargo lower support.



8. Disconnect the seat belt harness connector and 2 clips.



CLIPS

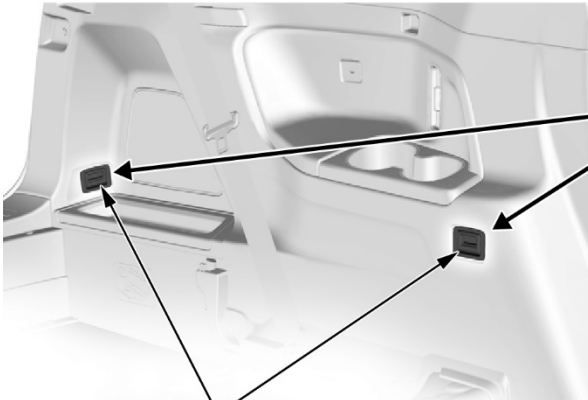
CONNECTOR



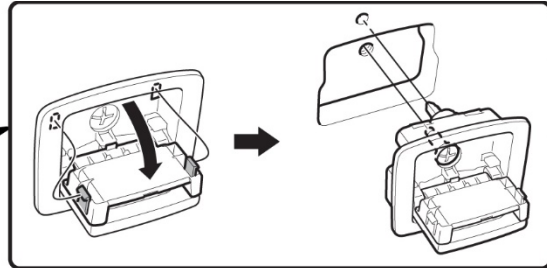
CLIPS

CONNECTOR

9. Remove the left rear side upper trim.

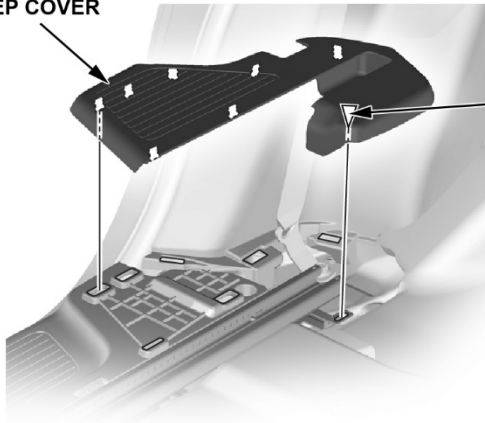


TIE DOWN HOOKS



10. Remove the left side step cover.

STEP COVER

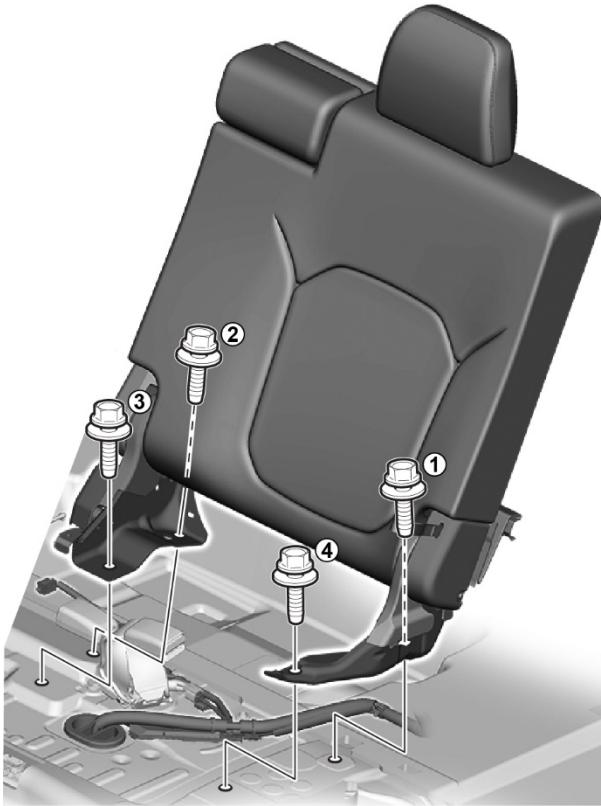


CLIP

11. Remove the left side third row upper seat back.

NOTE:

- Follow the sequence when installing the upper seat back.
- Mounting bolt torque: **47 N·m (35 lb-ft)**

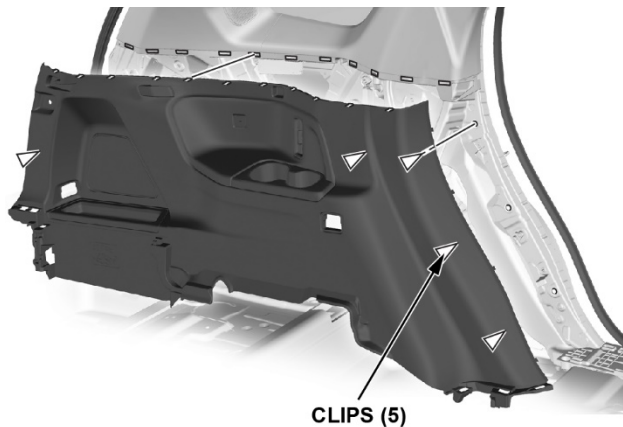


12. Remove the left side cargo hook.



13. Remove the left side rear side trim panel and disconnect the connectors.

NOTE: Right side shown. The left side is similar.



14. Pull back the carpet to expose the third row crossmember. Attach chassis ears on the left side gusset.



FRONT
↓



CHASSIS EAR

GUSSET

15. Test drive the vehicle to confirm if noise is coming from the third row crossmember gusset.

NOTE: To hear an example of the pop noise ([CLICK HERE](#)).

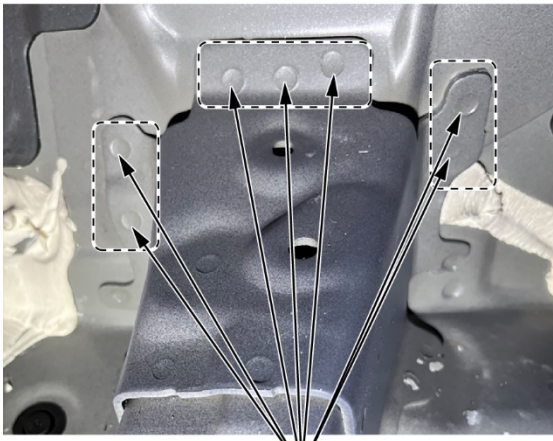
- If the pop noise is found to come from the crossmember gusset, proceed with the repair procedure to be performed at a body shop.
- If the noise is not a result of the crossmember gusset, continue with normal troubleshooting.

REPAIR PROCEDURE

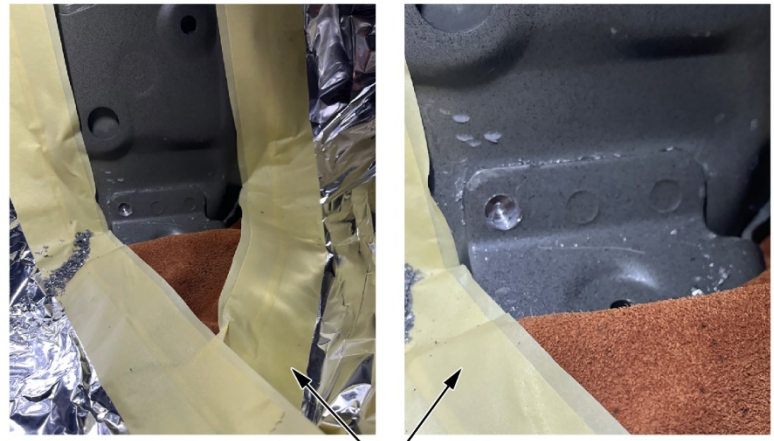
NOTE: The following repair procedure will require a body shop to perform.

1. Mask off the area around the third row crossmember gusset. With a commercially available **8 mm** spot weld drill bit, drill holes for plug welding in the upper worksheet panel of material (**3.2 mm** thick) at the 7 weld points shown.

NOTE: DO NOT drill completely through the welds.



WELD POINTS



MASKING TAPE

2. With a grinder, lightly grind the drilled holes to clean the surface for welding.



3. Use a commercially available 110V electric MIG welder and **0.8 mm (0.31 in)** welding wire, plug weld the 7 welds that were drilled in the previous step.

NOTE: Refer to the body repair manual for plug welding ([CLICK HERE](#)).



4. With a grinder, grind the welded surfaces flat.



Grind the welded surface flat.

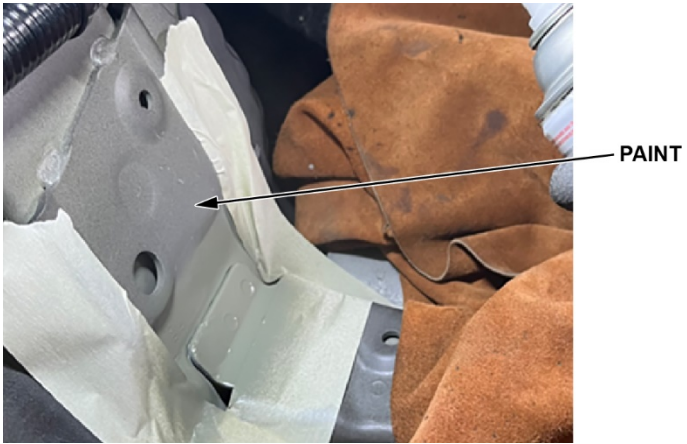
5. Wipe off the area with a clean shop towel. Spray primer over the welds.



PRIMER

6. Apply a coat of paint over the primed areas.

NOTE: Allow time for the paint to cure before installing the removed parts.



7. Install all removed parts in the reverse order of removal.