



Raised Headliner

Kit 23003558SK

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NOTE: The information in this document is generic. Images and procedures may differ from those for vehicles you are servicing. Because Utilimaster manufactures customized vehicle solutions, this document cannot list and illustrate every possible option for every vehicle. The most common body options are described here. Use this information as a guideline.

Document Part Number: 03104592-N010EN

– Revision A –

Introduction

This document provides instructions for the installation of a raised headliner option into the RAM ProMaster™ cargo van with the high roof.

These instructions are NOT applicable to vehicles with driver's side sliding door.

This manual contains drawings and photos to aid in servicing the vehicle. It may include maintenance information on some items provided but not manufactured by Utilimaster Corporation. Items such as drivetrain components and certain interior furnishings may be covered by separate manufacturer-supplied information. Information provided here is intended to assist Utilimaster customers and is in no way meant to replace or supersede instructions provided by other suppliers for their products.



Raised headliner

Notes, Cautions, and Warnings

Reading through the procedures, you will see NOTES, CAUTIONS, and WARNINGS. Each is there for a specific purpose.

NOTES give additional information that will help you complete the procedure.

CAUTIONS warn against making an error that could damage the vehicle.

WARNINGS remind you to be careful when there is risk of personal injury.



When you see this symbol, read this statement first! This alert highlights information that may reduce the risk of personal injury or vehicle damage.

Below are some basic WARNINGS that you should heed when you work on the vehicle's body. They are not all-inclusive and common sense must be used when servicing vehicles.

- Always read and understand all instructions before starting.
- Always wear safety glasses and other appropriate protective equipment (gloves, steel-toed shoes, face shields, knee pads, hearing protection).
- Put the transmission in Park, and set the parking brake before working on the vehicle.
- Be sure that the ignition switch is Off unless otherwise required by the procedure.
- Keep your hair, clothing, and body away from all moving parts such as engine pulleys and power tools.
- Always remove rings, watches, hanging jewelry, and loose clothing before working in tight areas.
- Read and understand all warning labels.
- Always use proper ladders or scaffolding to perform required jobs.
- Always make sure tools are in proper working condition and have guards and safety devices in place.
- Use only the recommended tools for a specific job.
- If at any time you lack confidence in performing a specific repair procedure or in operating the tools safely to perform the repair, STOP! Call your local dealer or a Utilimaster representative.

Recommended Tools



WARNING: Always wear safety glasses and other proper protective equipment (gloves, steel-toed shoes, face shields, knee pads, hearing protection) as appropriate to the process.

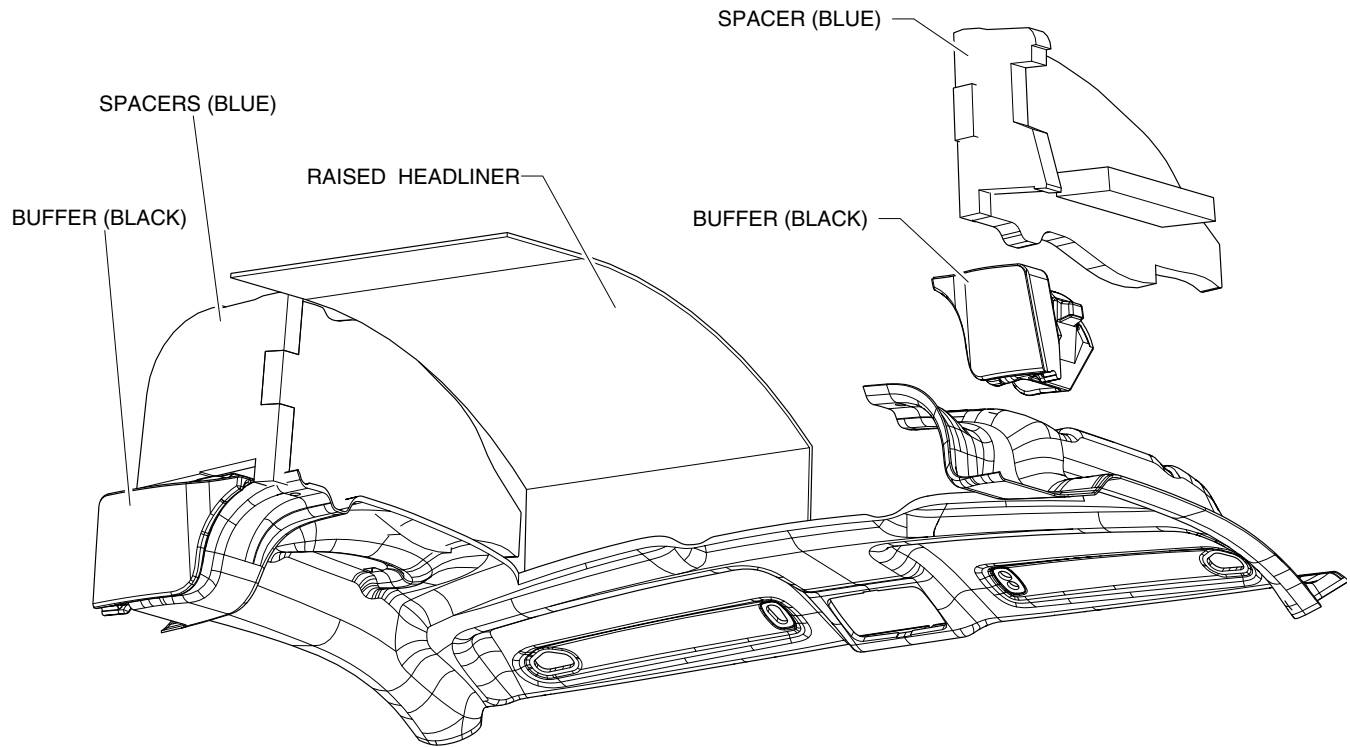
Below are some tools that you will need for this process. There may be other commonly used hand tools required but not specifically mentioned.

- Rubber mallet
- Small flat pry bar
- Drill with H bit (or 1/4" bit)
- Monobolter with 1/4" nose piece
- Metric combination and ratchet wrench sets
- Paint stick
- Deburring tool

Kit Parts List

23003558SK ProMaster—Raised Headliner		
QTY	PART NUMBER	DESCRIPTION
1	03104592-N010EN	RAISED HEADLINER INSTALL INSTRUCTIONS
1	22825943	GUSSET SET PRMSTR HI ROOF
1	05706945	HEADLINER UPPER-CUTOUT CAB PRMSTR
1	20512664	FOAM SET HEADLINER PRMSTR HI ROOF
1	12606160	ADHESIVE SPRAY

Installation Instructions



Overview of raised headliner (gussets not shown)

1. Read and understand all instructions before starting work.
2. Validate the packing slip with the list of parts in the instructions.
3. Turn off ignition and all lights.
4. Remove battery access cover and disconnect the Negative (Black) battery cable(s).

For information on batteries, see the RAM ProMaster User Guide.



WARNING: Always remove the (BLACK) Negative cable first and connect it last.



WARNING: Batteries that are improperly connected, jumped, or charged can potentially explode and discharge acid, causing vehicle damage and personal injury. Carefully follow the chassis manufacturer's recommendations for those procedures.



WARNING: Battery posts and related accessories may contain lead and lead compounds. Wash hands after handling.



WARNING: Always wear proper protective equipment when working around batteries.



CAUTION: Note the location of the battery cable routing and reinstall in exactly the same way.

Low Roof Headliner Removal



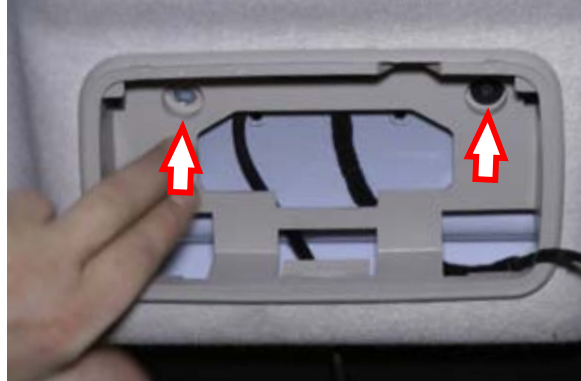
CAUTION: Use care when removing headliner to avoid damaging active airbag systems above the cab doors.

NOTE: Keep all parts and fasteners for reuse unless noted otherwise.

5. Use a standard screwdriver to carefully pry out dome light, disconnect harness and set aside.
6. Use a Phillips screwdriver to remove (2) fasteners securing the bracket and remove.



Dome light connector



Dome light bracket fasteners

7. Use an M5 Allen wrench to remove (2) screws from each grab handles.



Grab handle fasteners

8. Use an M5 Allen wrench to remove (3) screws from each sun visor.



Sun visor fasteners

9. Remove lower roof headliner and discard.
10. Carefully remove LH and RH **upper** roof buffers and discard.



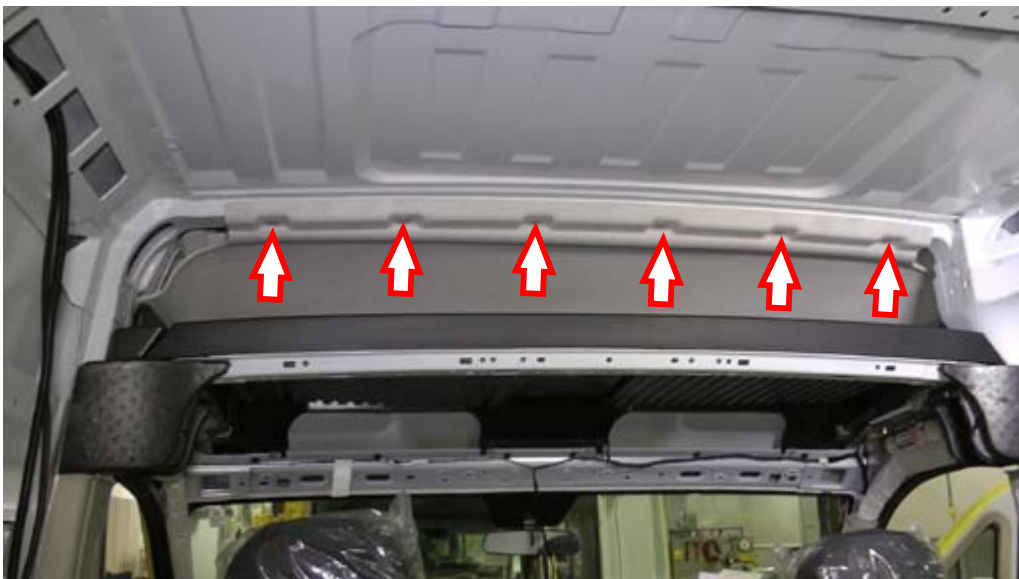
Upper roof buffer

11. Carefully remove LH and RH **lower** roof buffers and set aside.



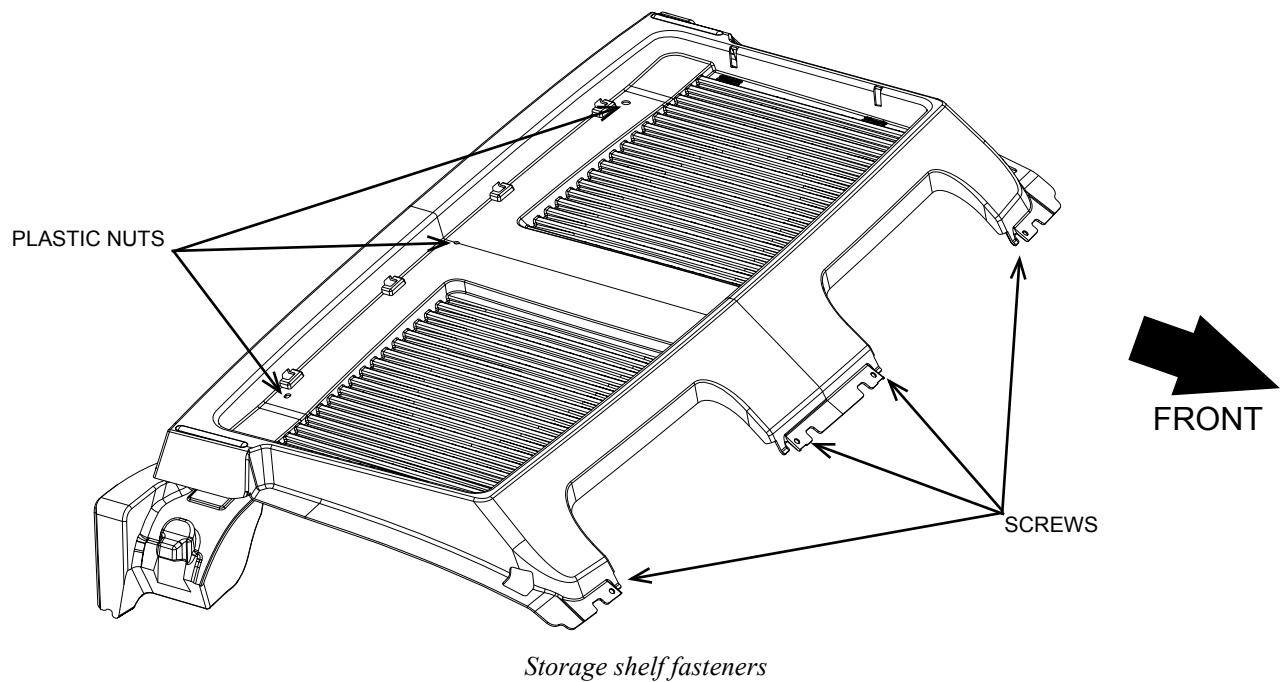
Lower roof buffers

12. Remove (6) pine-tree fasteners and upper roof headliner, and discard.

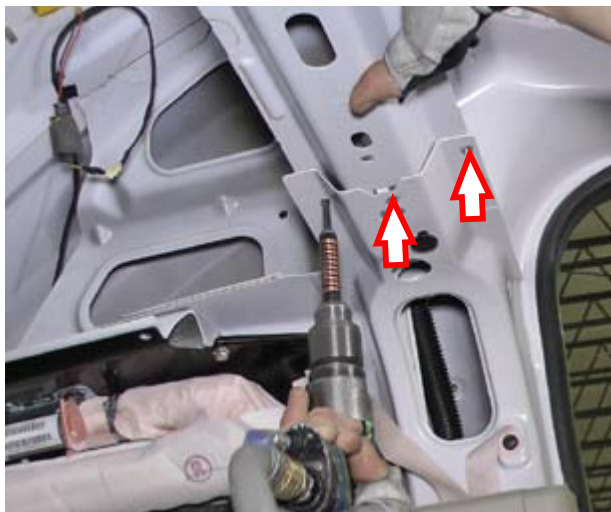


Upper roof headliner pine-tree fasteners

13. Remove (3) plastic nuts above storage shelf and discard.
14. Use an M4 Allen wrench to remove (4) screws securing storage shelf to roof support beam.
15. Remove storage shelf and discard.



16. Drill (6) H-bit holes through the welds on the LH and RH low roof crossbar support.
17. Carefully use a pry bar to remove the crossbar.



Holes in crossbar weld points



Pry bar on crossbar support

18. Deburr all holes.

Raised Headliner Installation



CAUTION: Use a drill stop to keep from drilling through the exterior panels.

1. Use the holes in the gusset as a guide to mark (4) holes in the lower crossbar support.
2. Drill (4) H-bit holes in each crossbar support.



Gusset hole locations



Crossbar support holes

3. Deburr all holes.
4. Apply paint marker to all holes.
5. Secure each gusset base to the crossbar support with (4) 1/4" rivets.



Deburring holes



Secure gusset with blind fasteners

6. Use the holes in the gusset as a guide to drill (7) H-bit holes in the roof rib.
7. Apply paint stick to all holes.
8. Secure gusset to roof rib with (7) 1/4" rivets.



Roof rib holes

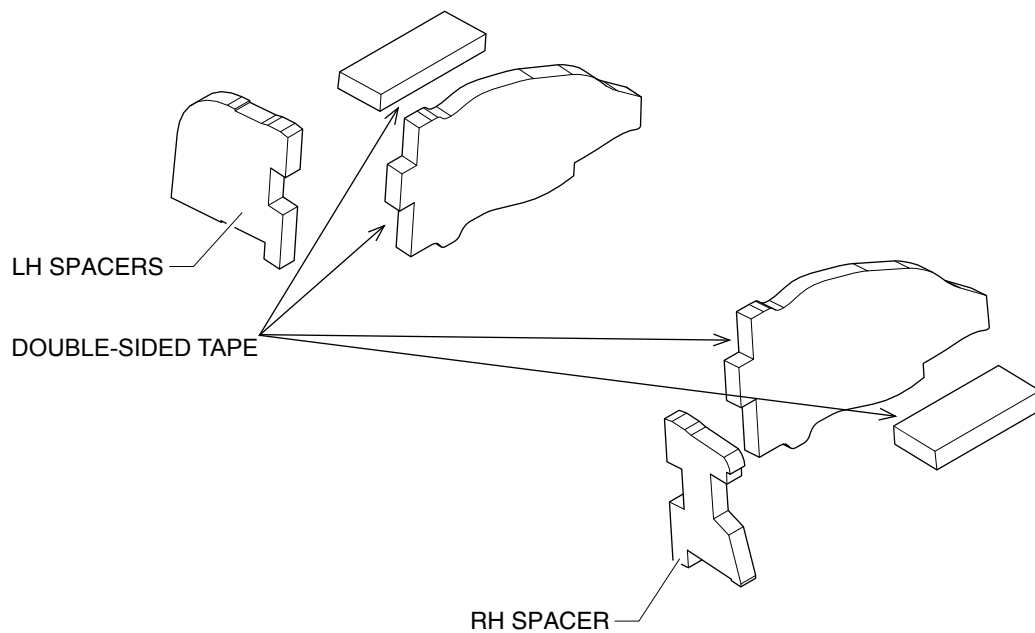


Crossbar and roof rib blind fasteners

9. Repeat process for other crossbar gusset.
10. Thread dome light wire harness through headliner opening prior to securing headliner.
11. Align headliner with sun visor fastener holes and secure with (3) M5 fasteners on each side.



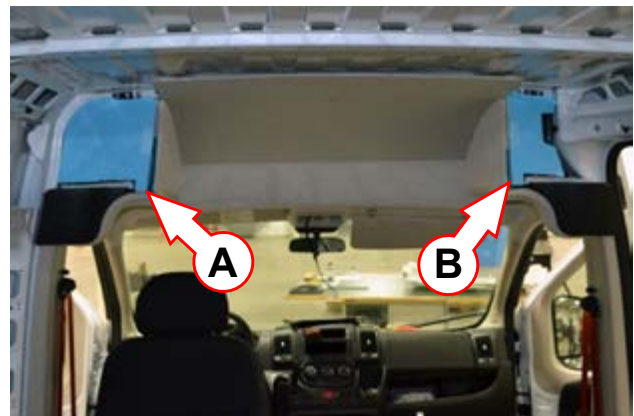
Sun visor fasteners



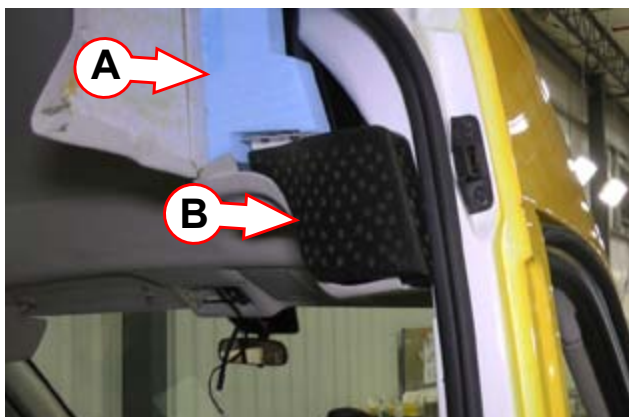
Overview of LH and RH foam spacers

NOTE: RH spacer differs from LH spacer to allow for cargo door closing.

12. Use double-sided tape to assemble foam headliner spacers.
13. Install (2) headliner foam spacers and the (2) lower roof buffers (black).
14. Secure each grab handle with (2) M5 screws.
15. Apply spray adhesive to headliner backers, wrap material and press together.



LH (A) and RH (B) spacers installed



Spacer (A) and buffer (B) in headliner



Adhesive on headliner backer

16. Secure (2) screws in the dome light bracket.
17. Connect dome light harness and snap dome light into place.



Dome light connector

18. Reconnect Negative (Black) battery cable.

Altered Certification Label Notice

NOTICE: The Gray Altered Certification Label may be required to satisfy the statutory requirements for labeling contained in Title 49 of the United States Code, Chapter 301 (Motor Vehicle Safety) and regulatory requirements contained in 49 CFR Parts 567 (Certification) and 568 (Vehicles Manufactured in Two or More Stages). A person who alters a vehicle that previously has been certified in accordance with 49 CFR 567.4 or 567.5 may require an altered certification obligation. Altered certification regulations cover all manufacturing performed after the vehicle has been certified in the final stage and before the first purchase of the vehicle in good faith for purpose other than resale.

If you have any questions regarding labeling requirements or need to order labels, call NTEA at 1-800-441-6832.

1. Fill out and apply the Altered Certification Label as required.

Revision Control

Document Part Number: 3104592-N010EN

Revision: A

April 2014

Important Notices

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Title: *ProMaster—Raised Headliner*

Utilimaster Corporation attempts to provide information that is accurate, complete, and useful. All information contained in this manual is based on the latest product information available at the time of publication. However, because of the Utilimaster policy of continual product improvement, Utilimaster reserves the right to amend the information in this document at any time without prior notice.

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