



Bulkhead

Standard

Kit 23003573SK

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Customer Service

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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-N018EN

– Revision A –

Introduction

This document provides instructions for the installation of a bulkhead wall with a lockable sliding door into the RAM ProMaster™ cargo van. **This option is specifically used when the passenger's seat has been removed. The passenger's seat and seat belt restraint system may only be removed by an authorized Chrysler Group LLC technician in order to reprogram the airbag system.**

This manual contains drawings and photos to aid in servicing the vehicle. It may include maintenance information on some items installed 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.



Bulkhead wall kit

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.

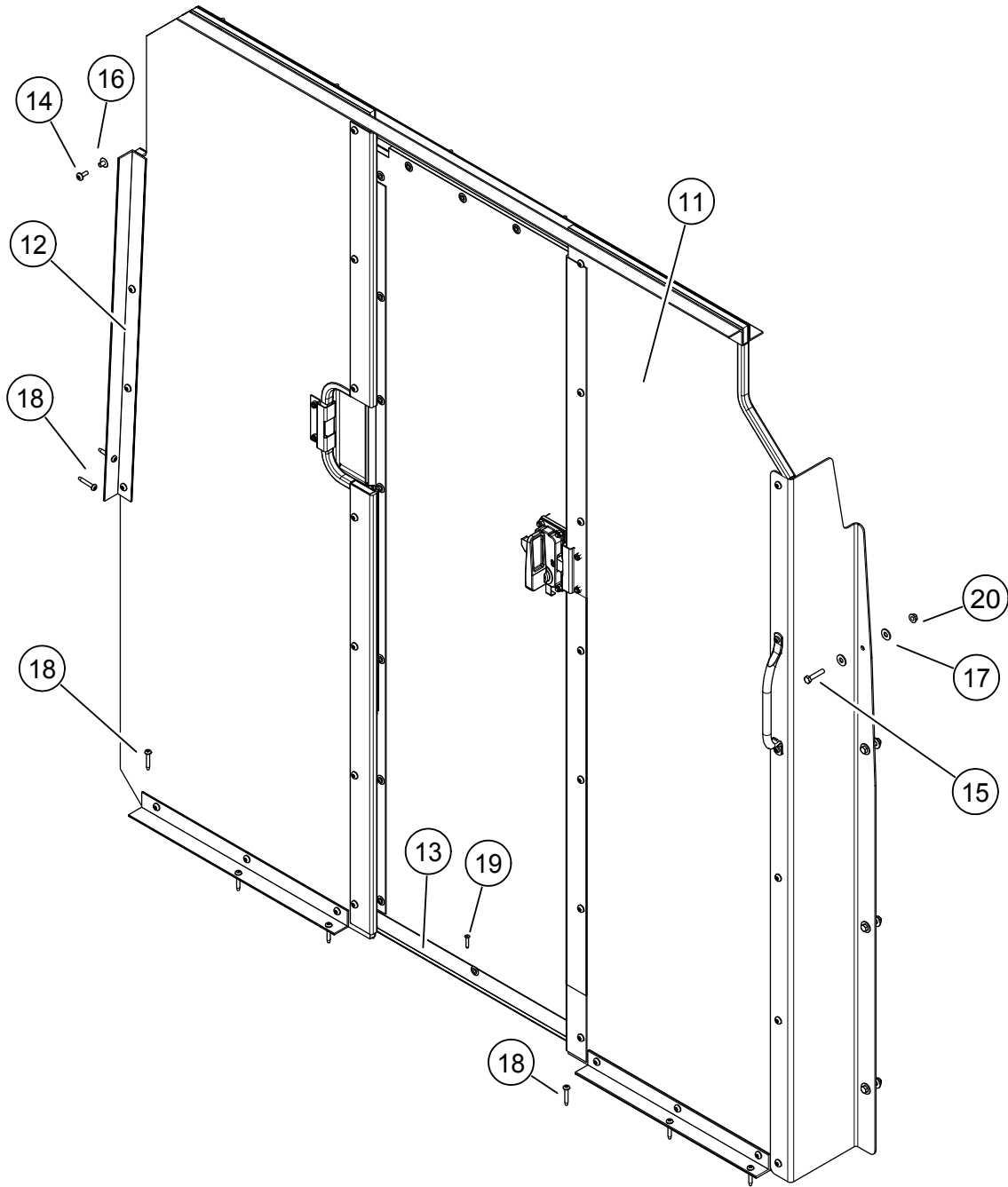
- Rubber mallet
- Small flat pry bar
- Torx bit set and driver
- Drill with a H-bit (or 1/4"), 3/8" and 5/16" bits with drill stop
- Standard and metric combination and ratchet wrench sets including swivel adapter and extensions
- Center punch
- Monobolter with 1/4" nose piece
- 20" Wood block
- Chalk line
- Reciprocating saw or band saw



*Big Daddy manual riveter
(Available upon request)*

Kit Part List

23003573SK		BLANDEX BULKHEAD STANDARD	
BOM ID	Part Number	Description	Qty
0	REFERENCE	23003573a BULKHEAD BLANDEX ASSY PRMSTR	
11	23003573	BULKHEAD BLANDEX ASSY PRMSTR	1
12	06002050-03200	ANGLE 32.00	1
13	06000270-04600	GUIDE 46.00	1
14	11001401	SCREW 1/4-20 x 11/16 PAN TORX	4
15	11004450	BOLT HEX 5/16-18 x 1-1/2 CAP ZGR5	4
16	11007502	NUT "T" 1/4-20 x 7/16	4
17	11008417	WASHER 5/16 FLAT	8
18	11300120	SCREW 1/4-20 x 1-1/2M TORX PN	9
19	11400177	RIVET POP AL.94 (.626-75)	10
20	11600238	NUT FLG 5/16-18 PTLK GR8 ZN WAX	4
NS_1	03104592-N018EN	BULKHEAD INSTALL INSTRUCTIONS	1



Overview of bulkhead

Installation Instructions



WARNING: The passenger's seat and seat belt restraint system may only be removed by an authorized Chrysler Group LLC technician in order to reprogram the airbag system.

1. Read and understand all instructions before starting work.
2. Validate the packing slip with the list of parts in the instructions.

NOTE: Keep all fasteners for reinstallation unless noted otherwise.

B-Pillar Trim Removal

3. Remove the passenger's side seat belt.
4. Remove (5) fasteners from RH lower B-pillar trim and set aside.
5. Remove RH upper trim panel screw cover and screw, and lower screw (behind lower B-pillar cover). Remove upper B-pillar trim and set aside.



Lower B-pillar trim fasteners

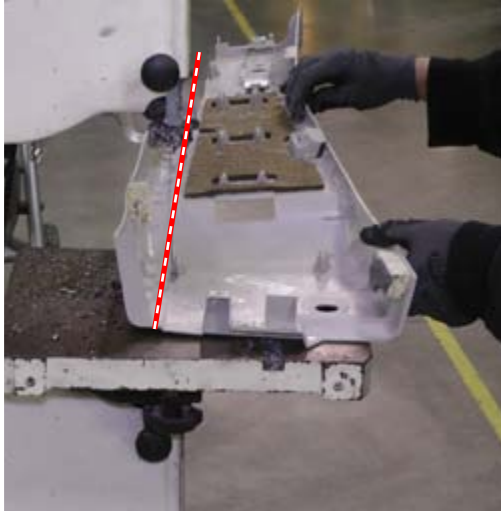


Upper panel screw behind cover

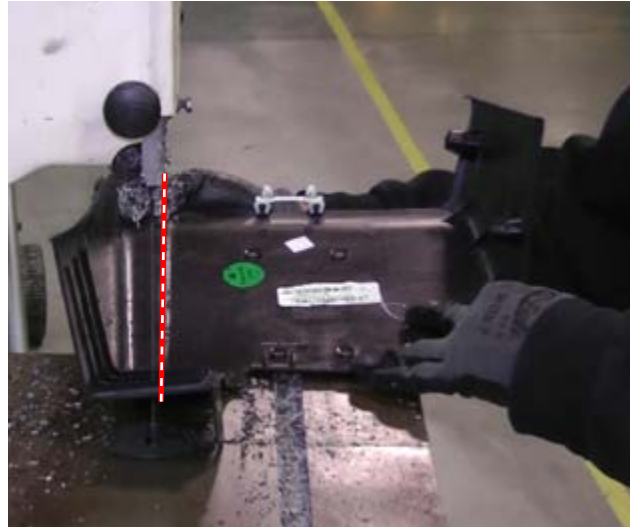


Upper trim panel screw

6. Use a saw to cut the rear section (cargo side) of upper and lower trim panels.



Cut line for upper B-pillar trim

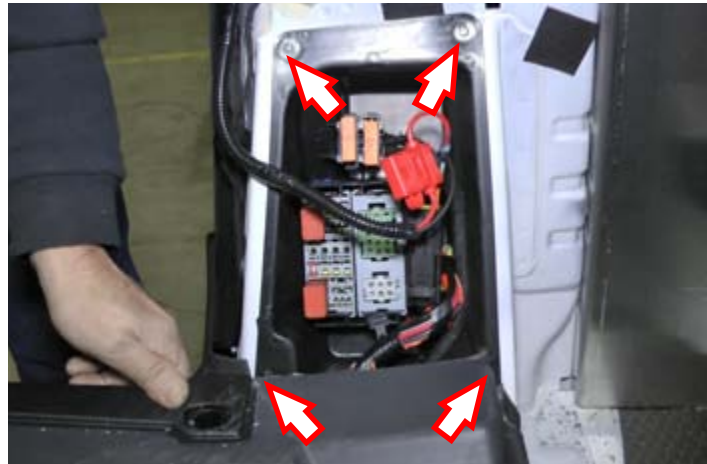


Cut line for lower B-pillar trim

7. Use a screwdriver to remove the RH stepwell liner screw and cover.
8. Pull back floor panel and stepwell liner to allow access to (4) screws securing the distribution panel.
9. Remove (4) screws and the foam padding behind panel and set aside.



RH stepwell liner screw and cover



Distribution panel fasteners

Bulkhead Installation



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



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

1. Position the bulkhead in the cargo area and tip into place.
2. Use a center punch to align holes in the closeout panel with holes in the B-pillar.



Position bulkhead in cargo area



Closeout panel holes

3. Insert a 5/16 bolt and washer in top closeout panel hole and secure from inside B-pillar with washer and nut.



Fastener in upper B-pillar



Nuts inside B-pillar

4. Secure (2) 5/16 bolts, (4) washers and nuts.
5. Use the lower closeout panel hole as a guide to drill (1) 3/8" hole in the B-pillar.



3/8" hole drilled in B-pillar



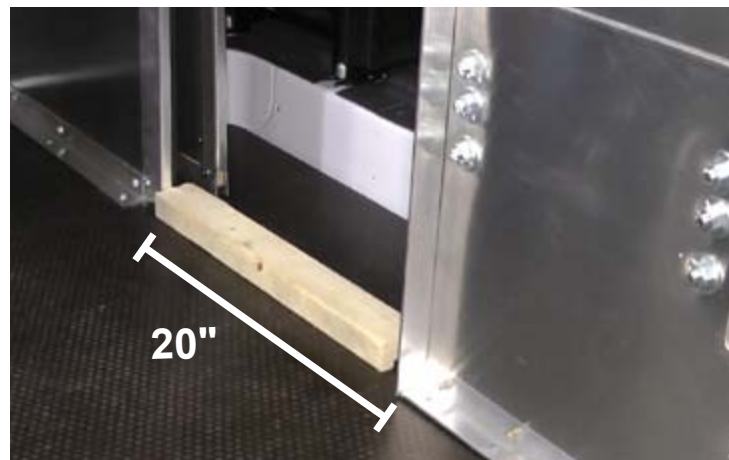
Nut and washer inside distribution panel

6. Insert (1) 5/16 bolt and washer and secure from inside the distribution panel with a washer and nut.
7. Mark a chalk line between the (2) forward cargo floor tie-downs.
8. Align bulkhead door posts 19-3/4" from chalk line to set door opening.

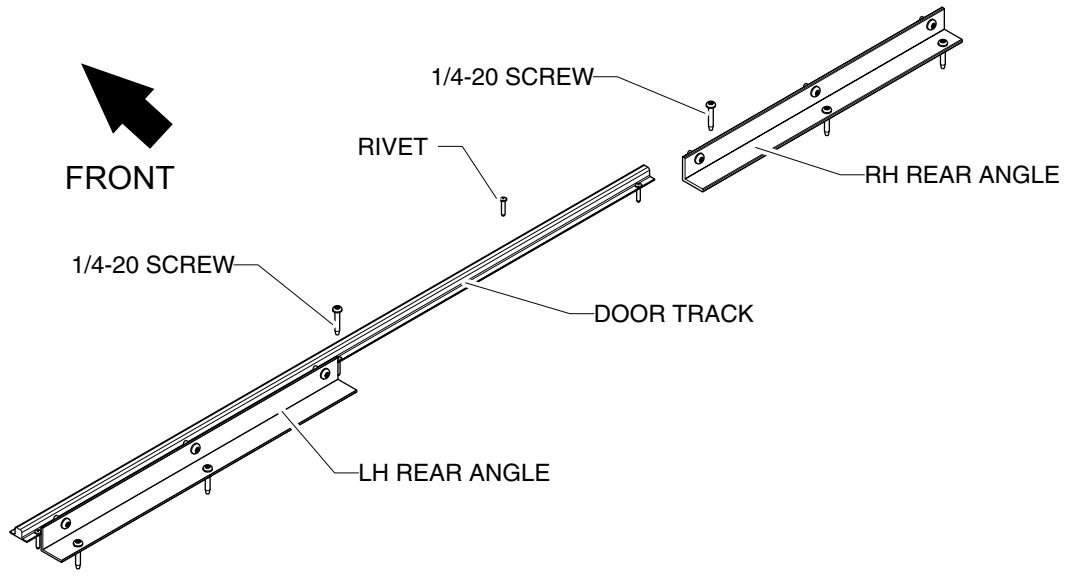


Chalk line for bulkhead alignment

9. Use a 20" wood block to set the door opening.



Wood block to set door opening

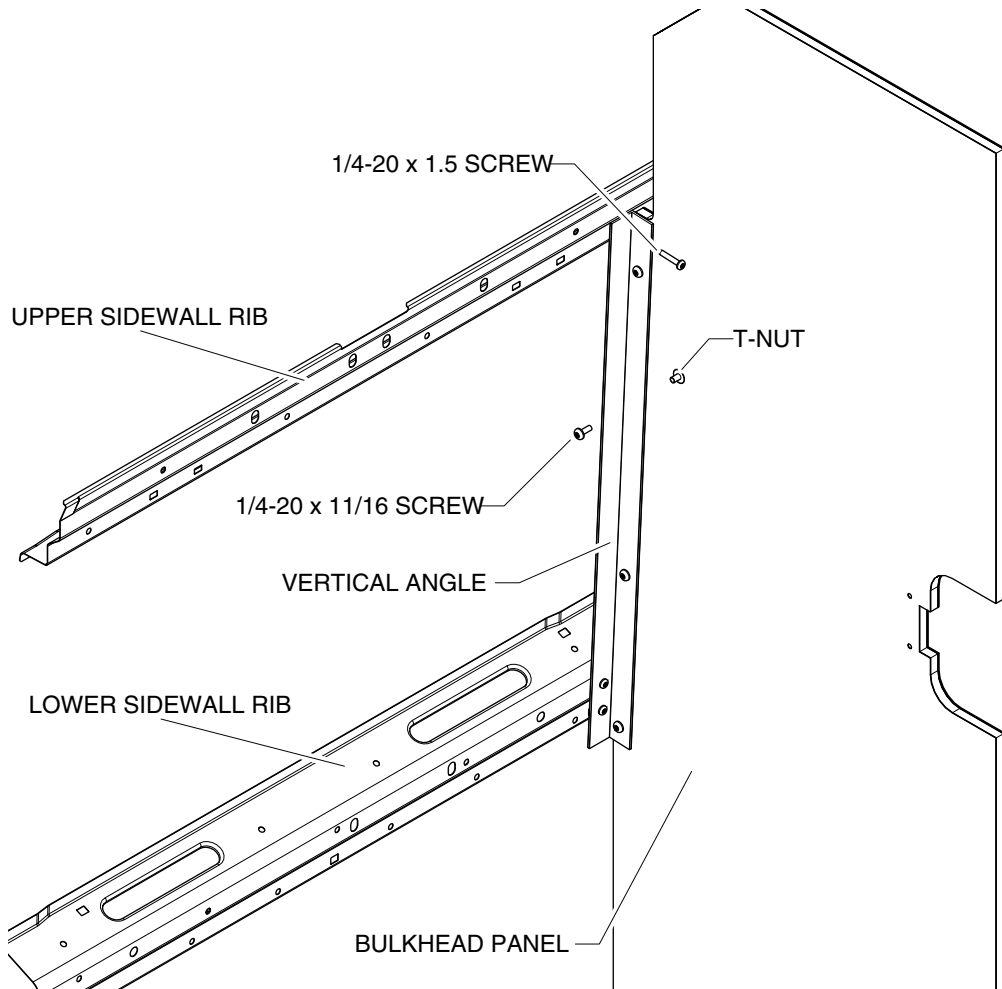


Overview of door track fasteners

10. Drill (6) H-bit holes through the LH and RH rear floor angles and into the cargo floor.
11. Secure with (6) 1/4-20 x 1.5 screws.



LH rear floor angle shown



Overview of vertical angle fasteners

12. Place the top end of the vertical angle bracket flush with the upper sidewall rib and the bulkhead.
13. Use an H-bit to drill (1) hole through the angle and the upper sidewall rib and (2) holes in the lower sidewall rib.
14. Secure with (3) 1/4-20 x 1.5 screws.



Screws in upper and lower vertical angle

15. Use a 5/16 bit to drill (4) evenly spaced holes through the angle and bulkhead wall.

16. Secure the angle to the bulkhead wall with (4) 1/4-20 x 11/16 screws and (4) 1/4-20 T-nuts.



Holes drilled in angle and LH bulkhead wall



T-nuts inserted from cab side

17. On vehicles with sidewall closeout panels installed, secure angle to panel with (2) additional screws.

18. Align the door track with the RH front floor angle. Use the holes in the door track as a guide to drill (10) H-bit holes.

19. Secure door track with (10) rivets.

20. Cycle the door to check for smooth movement.



Fasteners in closeout panel and angle bracket



Door track to RH front floor angle alignment



Door track

B-Pillar Trim Installation



WARNING: The passenger's seat and seat belt restraint system may only be removed by an authorized Chrysler Group LLC technician in order to reprogram the airbag system.

1. Insert foam insulator in lower B-pillar opening.
2. Secure distribution panel with (4) screws.



Distribution panel and stepwell screws

3. Install stepwell trim screw and screw cover.
4. Install upper B-pillar trim panel with (2) screws and the screw cover.

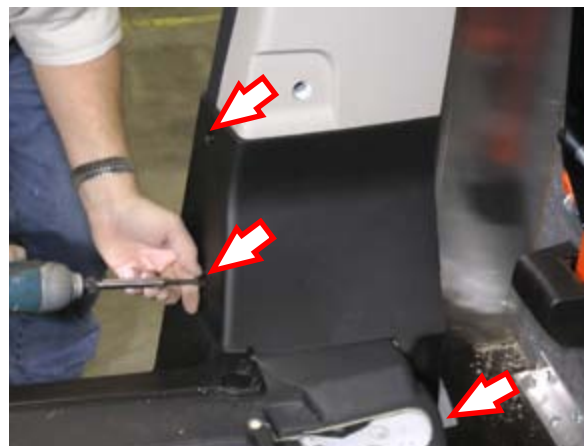


B-pillar trim panel screw and cover



Trim panel fastener

5. Install (3) lower B-pillar panel fasteners.
6. Install seat belt.



Lower B-pillar panel fasteners

Load Carrying Modification Label

NOTICE: Load Carrying Modification Label may be required to satisfy the statutory requirements for labeling contained in Title 49 of the United States Code, Chapter 5 (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 571.110 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 Load Carrying Modification Label as required.

Revision Control

Document Part Number: 03104592-N018EN

Revision: A

April 2014

Important Notices

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Title: *ProMaster—Bulkhead*

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