



# Bulkhead

With Jump Seat

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## Kit 23003497SK

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**Email: [Parts@Utilimaster.com](mailto:Parts@Utilimaster.com)**

*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-N002EN

**– Revision B –**

## Introduction

This document provides instructions for the installation of a bulkhead with a lockable sliding door and a passenger jump seat 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 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 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.

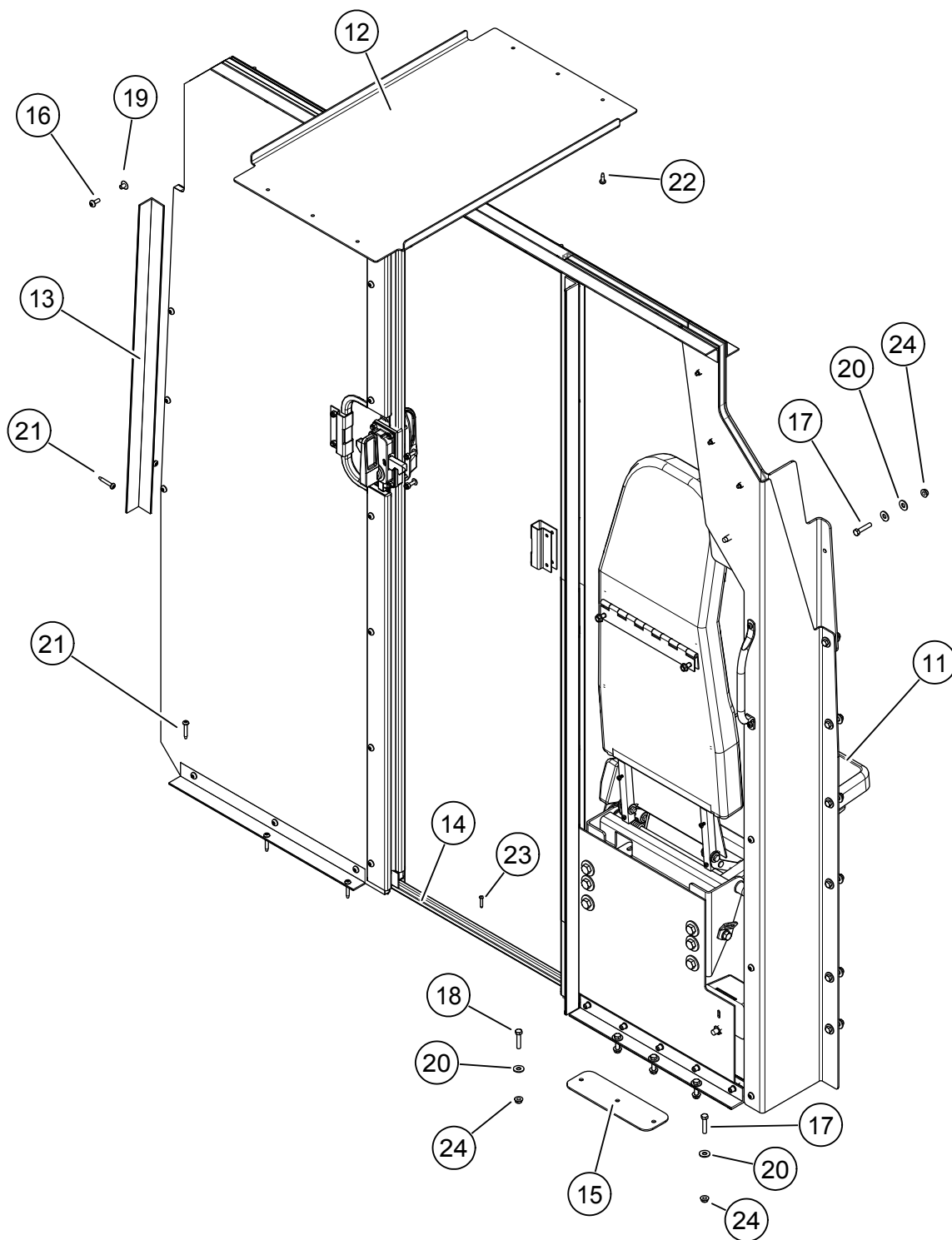
- Rubber mallet
- Small flat pry bar
- Drill with a #7 (or 3/16"), 7/32", 3/8" and 21/64" bits with drill stop
- Torx bit set and driver
- Standard and metric combination and ratchet wrench sets including swivel adapter and extensions
- Center punch
- Monobolter with 1/4" nose piece
- 20" Wood block
- Chalk line
- Reciprocating saw or band saw



*Big Daddy manual riveter  
(Available upon request)*

## Kit Part List

23003497SK		PROMASTER-BULKHEAD WITH JUMP SEAT	
BOM ID	Part Number	Description	Qty
0	REFERENCE	23003497c BLANDEX BULKHEAD ASSY	
11	23003580	BULKHEAD BLANDEX SUBASM JMPST PRMST	1
12	06938478	BRACE BULKHEAD ROOF	1
13	06002050-03200	ANGLE 32.00	1
14	06000270-04600	GUIDE 46.00	1
15	22826030	WELDMENT NUTPLATE 5/16 PRMSTR	1
16	11001401	SCREW 1/4-20 x 11/16 PAN TORX	4
17	11004450	BOLT HEX 5/16-18 x 1-1/2 CAP ZGR5	9
18	11004482	BOLT HX 5/16-18 x 2 G5Z	3
19	11007502	NUT "T" 1/4-20 x 7/16	4
20	11008417	WASHER 5/16 FLAT	19
21	11300120	SCREW STP PNH TX 1/4-20 X 1.50 ZN	11
22	11300177	SCREW 1/4-20 x 3/4 TX PN	9
23	11400177	RIVET POP	10
24	11600238	NUT 5/16-18 FLG LKWZ GR8 ZN	9
NS_1	03104592-002EN	BULKHEAD WITH JUMPSEAT INSTALL INSTRUCT	1



*Overview of bulkhead with jump seat*

## 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 otherwise noted.*

### B-Pillar Trim Removal

3. Remove the passenger's side seat and seat belt. These will not be reused.
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*



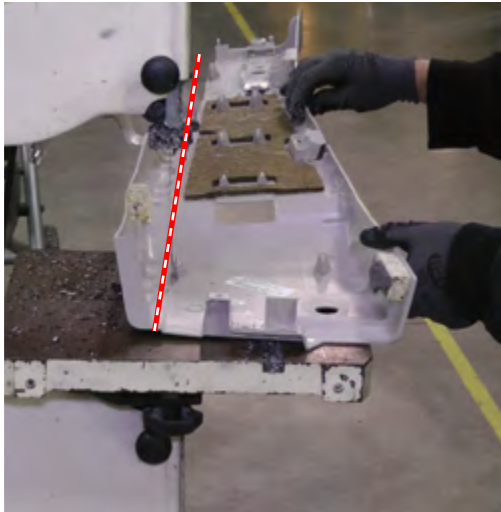
*Upper panel screw behind cover*



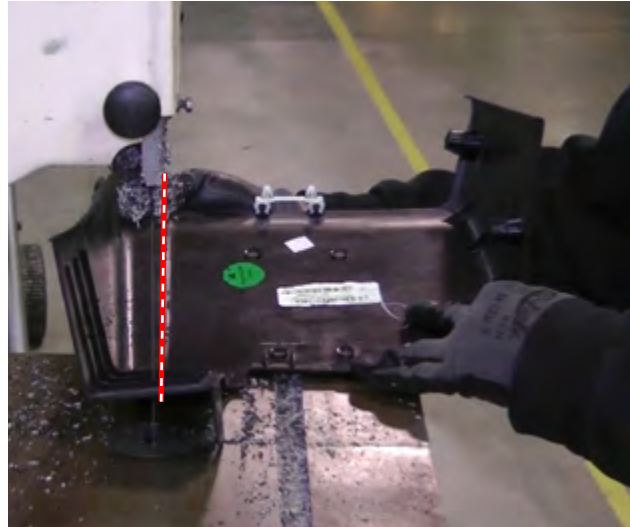
*Upper trim panel screw*



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



*Cut line for upper B-pillar trim*

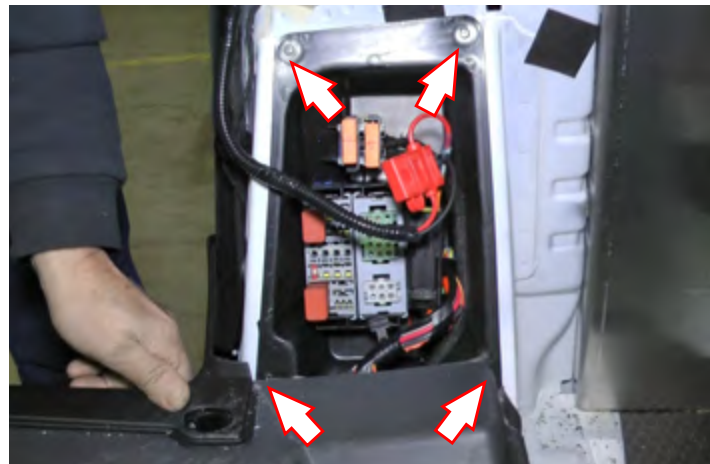


*Cut line for lower B-pillar trim*

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*

## Roof Brace Installation



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

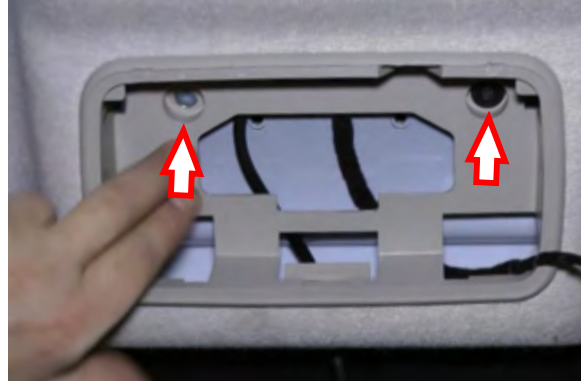


**CAUTION:** Use care when removing headliner to avoid damaging active airbag systems above the cab doors.

1. Pry out dome light, disconnect harness and set aside.



*Dome light connector*



*Dome light bracket fasteners*

2. Use a Phillips screwdriver to remove (2) fasteners securing the bracket and remove.
3. Use a M5 Allen wrench to remove the sun visors.
4. Use an M5 Allen wrench to remove grab handles. Remove the headliner from cab.



*Visor fasteners in headliner*



*Grab handle fasteners*



5. Align the roof brace with the center point of the cargo area between the first and second cargo roof ribs.
6. Use the holes in roof brace as a guide and a drill stop to drill (6) 7/32" holes.
7. Secure roof brace with (6) 1/4-20 x .75 fasteners.



*Roof brace fasteners*

8. Install headliner and secure visors and grab handles using existing hardware.

## Bulkhead Installation



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

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 nut and washer.



*Fastener in upper B-pillar*



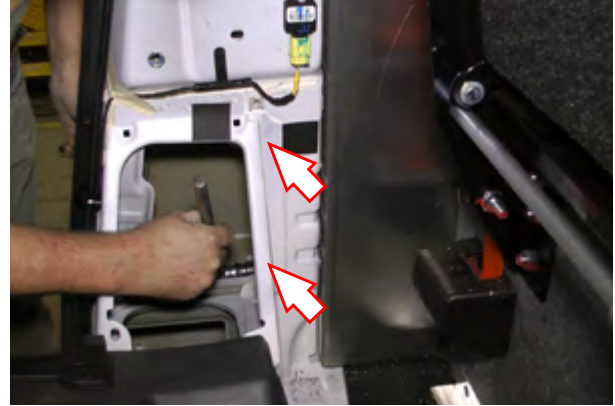
*Nuts inside B-pillar*

4. Secure remaining (4) 5/16 bolts, (8) washers and nuts.

5. Use the lower two closeout panel holes as a guide to drill (2) 3/8" holes in the B-pillar.

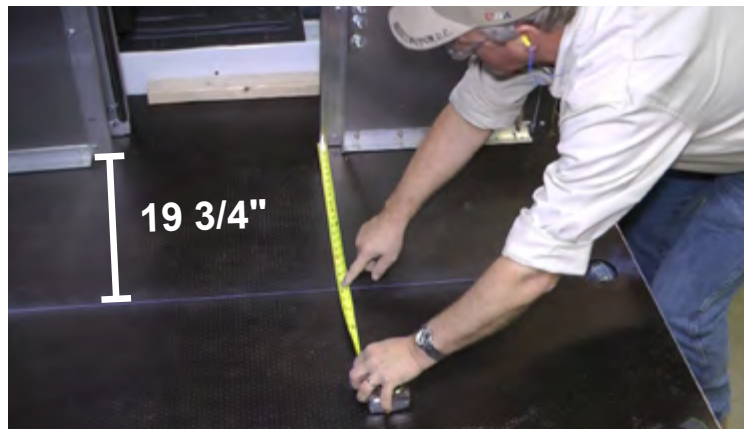


*3/8" holes drilled in B-pillar*



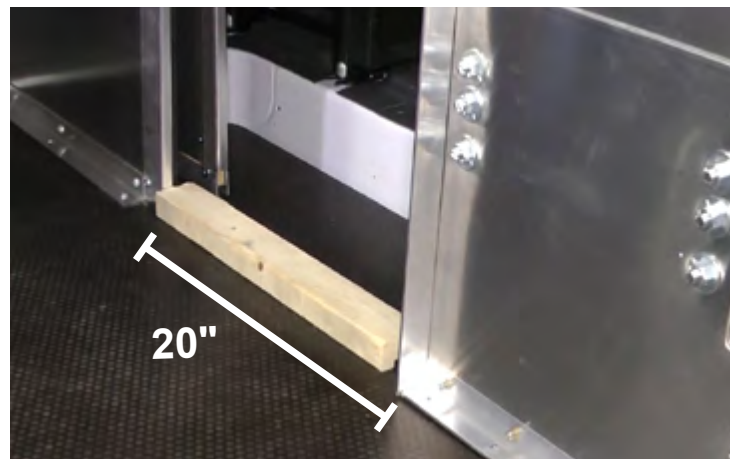
*Nuts inside distribution panel*

6. Insert (2) 5/16 bolts and washers and secure from inside the distribution panel with a washers and nuts.
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.

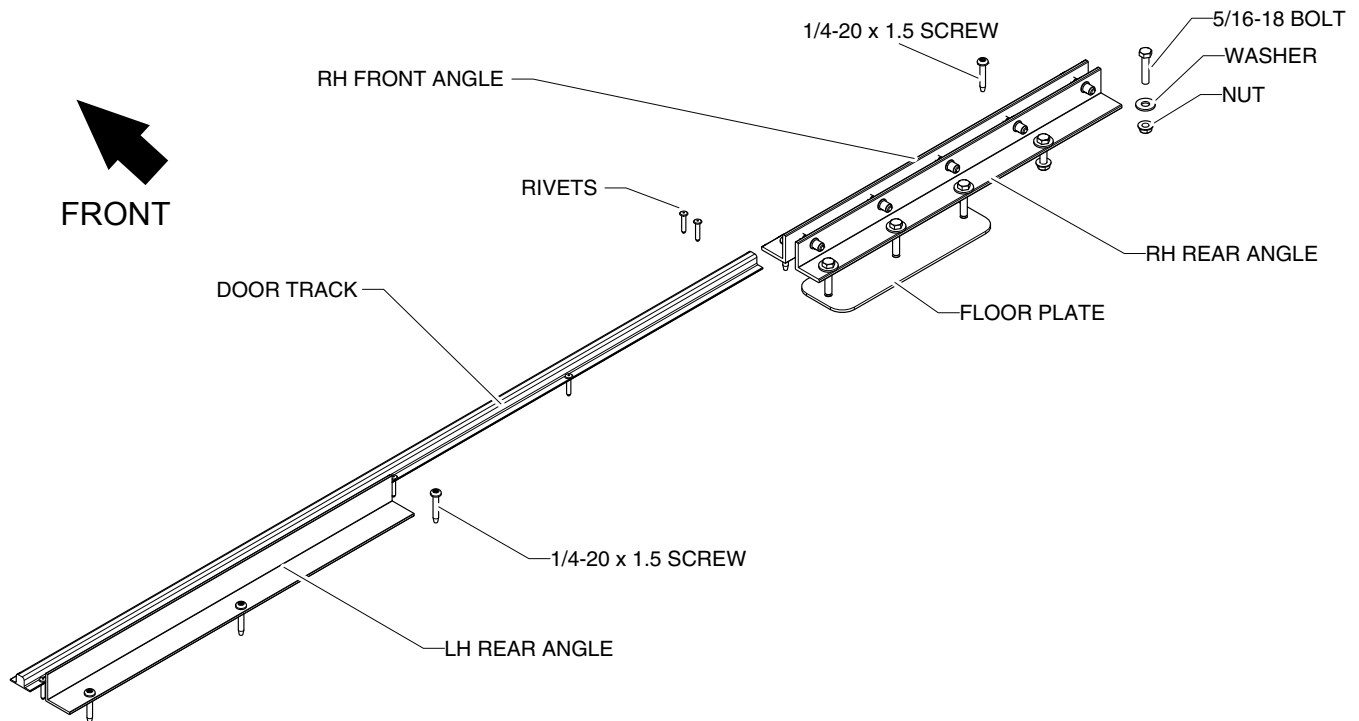


*Chalk line for bulkhead alignment*

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



*Wood block to set door opening*



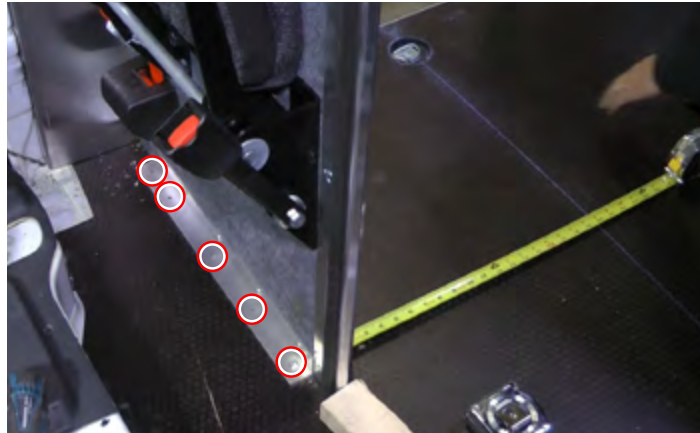
*Overview fasteners at the door track on bulkheads with jump seat option*

10. Drill (3) 7/32" holes through the LH rear floor angle and into the cargo floor.
11. Secure with (3) 1/4-20 x 1.5 screws.



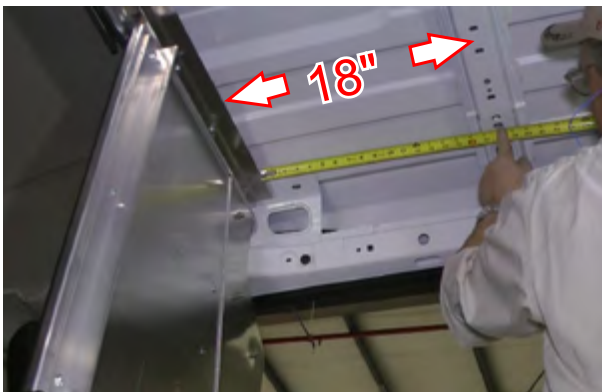
*LH rear floor angle*

12. Drill (5) 7/32" holes into RH front floor angle.
13. Secure with (5) 1/4-20 x 1.5 screws.



*RH front floor angle*

14. Align the top rear brace 18" forward of the midpoint of the first cargo ceiling rib.
15. Use the holes in the top rear brace as a guide and a drill stop to drill (3) 7/32" holes in the roof brace.
16. Secure with (3) 1/4-20 x .75 fasteners.



*Bulkhead brace to ceiling rib measurement*

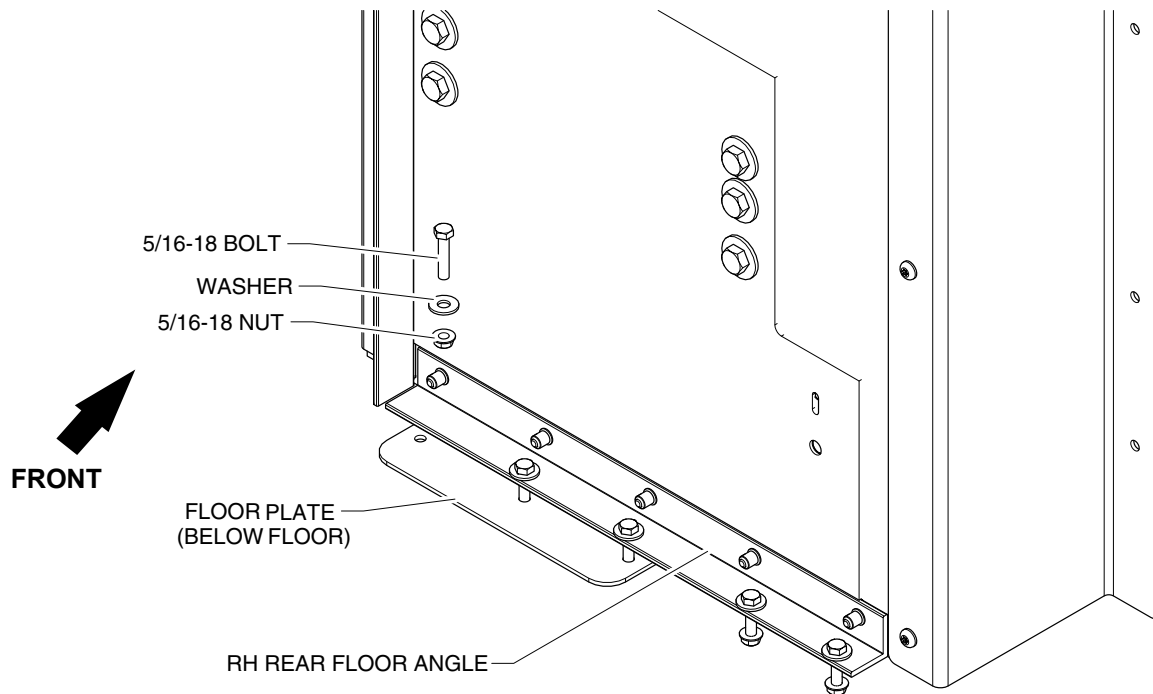


*1/4-20 fasteners in roof brace*



17. Drill (5) 21/64" holes in the RH rear floor bracket.

18. Insert (5) 5/16-18 bolts and washers in holes.



*Overview of RH rear floor angle and plate*

19. Secure the floor plate under chassis with inboard (3) 5/16-18 nuts. Secure remaining (2) 5/16-18 nuts.

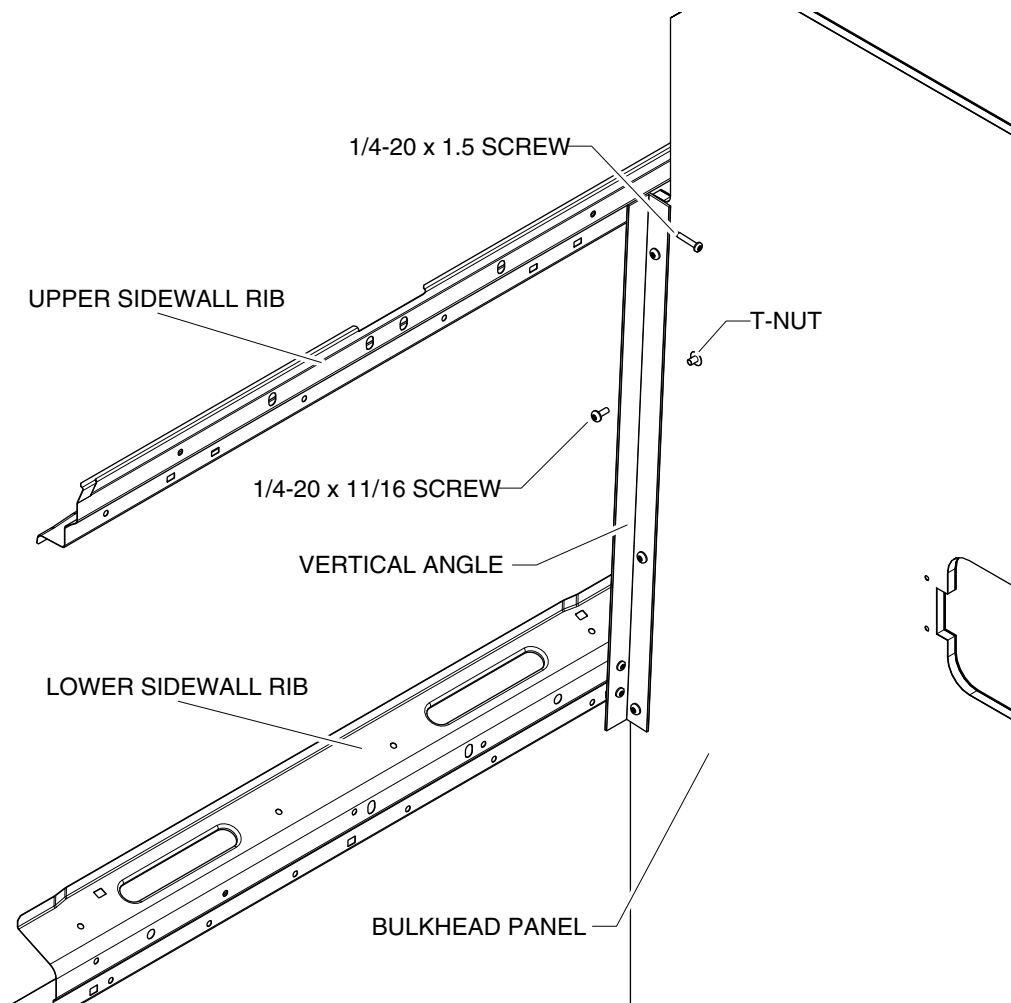


*Inboard fasteners in RH rear floor plate*



*Floor plate viewed from under chassis floor*





*Overview of vertical angle fasteners*

20. Place the top end of the vertical angle bracket flush with the upper sidewall rib and the bulkhead.
21. Use a 7/32" bit to drill (1) hole through the angle and the upper sidewall rib and (2) holes in the lower sidewall rib.
22. Secure with (3) 1/4-20 x 1.5 screws.



*Screws in vertical angle*

23. Use an 5/16" bit to drill (4) evenly spaced holes through the angle and bulkhead wall.
24. 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*

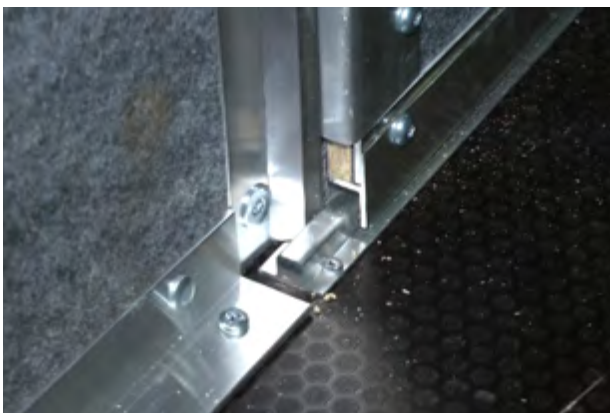


*T-nuts inserted from cab side*

25. On vehicles with sidewall closeout panels installed, secure to panel with (2) additional screws.
26. Align the door track with the RH front floor angle. Use a drill with drill stop to drill (10) #7-bit holes in the door track.
27. Secure door track with (10) rivets.
28. 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

1. Insert foam insulator in lower B-pillar opening.
2. Secure distribution panel with (4) screws.
3. Install stepwell trim screw and screw cover.
4. Install upper B-pillar trim panel with (2) screws and the screw cover.
5. Install (3) lower B-pillar panel fasteners.



*Distribution panel and stepwell screws*



*B-pillar trim panel screw and cover*



*Trim panel fastener*



*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-N002EN

Revision: B

Revision: A

June 2014

April 2014

## Important Notices

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Title: *ProMaster—Bulkhead with Jump Seat*

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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