



Hazardous Material Placards

Kit 23003503SK

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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-N004EN

– Revision A –

Introduction

This document provides installation instructions for four 15 x 18" hazardous material placard holders that can be mounted on the front bumper, rear door, and each sidewall of the RAM ProMaster™ cargo van. Each placard holder containing the following placards: Dangerous Flammable 3, radioactive 7, Dangerous When Wet 4, Blank, Explosives 1.4, Flammable Gas 2, Non-Flammable Gas 2, Oxidizer 5.1, Toxic 6, and Corrosive 8.

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.



Front bumper placard

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.

- Drill with a #7 (or 3/16") bit with drill stop
- Torx bit set
- Paint marker
- Standard combination and ratchet wrench sets including swivel adapter and extensions
- Rivet gun

Kit Parts List

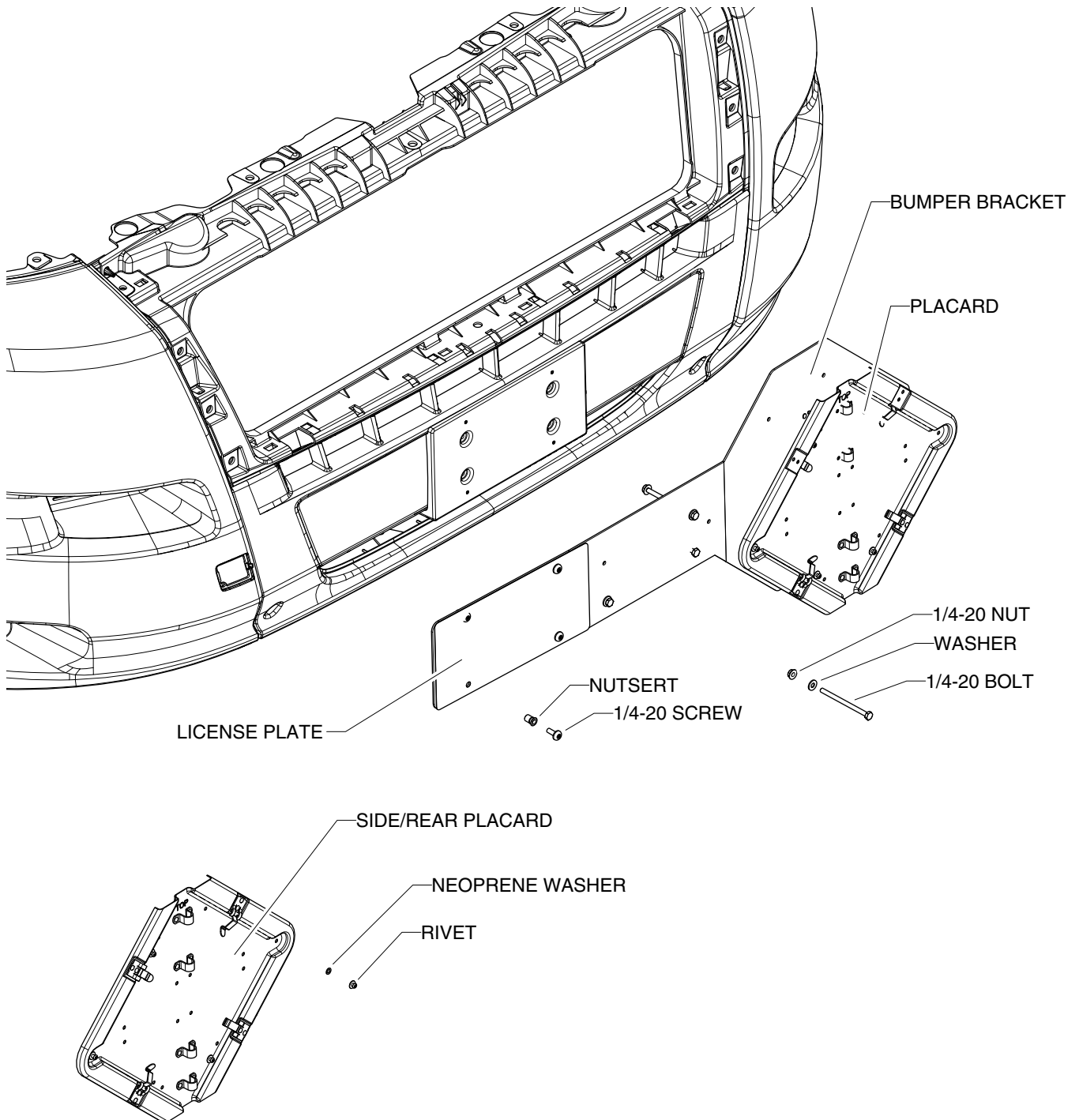
23003503SK ProMaster Hazardous Material Placards		
QTY	PART NUMBER	DESCRIPTION
1	03104592-N004EN	HAZARDOUS MATERIAL PLACARDS INSTALL INSTRUCTIONS
1	23003503	INSTL KIT PART DESCRIPTION (DRAWING)
4	03102463	PLACARD HAZMAT US SOLID CLP CNR
4	11001401	SCREW 1/4-20 x 11/16 PAN TORX
4	11001405	BOLT 1/4-20 x 3-3/4 HXHD CAP SS
4	11008141	WASHER 1/4 FLAT ZINC
4	11600674	NUT 1/4-20 HEX FLANGE PREV TORQUE
18	11600835	RIVET POP 3/16 AL
12	11601114	WASHER NEOPRENE 3/16" DIA
1	23003582	BRACKET FRONT BUMPER HAZMAT/LICENSE

Installation Instructions



CAUTION: Use a drill stop when drilling through the sidewall panels.

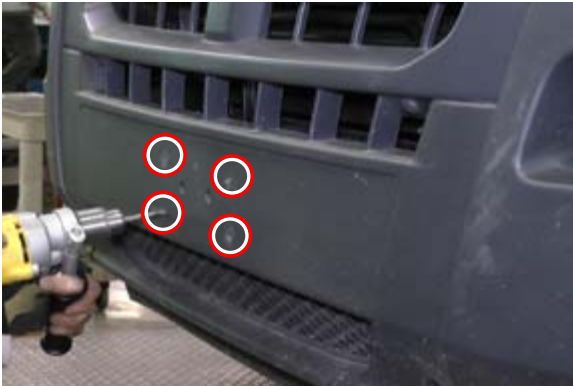
1. Read and understand all instructions before starting work.
2. Validate the packing slip with the list of parts in the instructions.



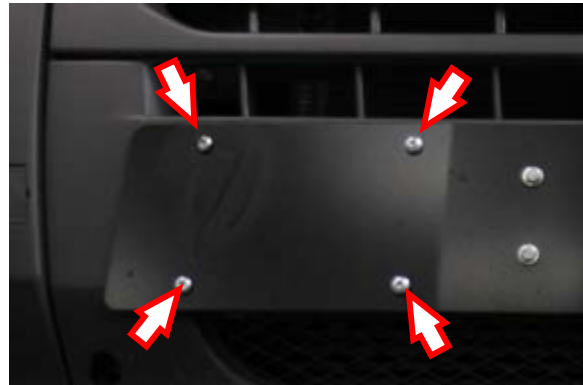
Overview of front bumper, side, and rear placards

Front

1. Use indents in front bumper as a guide to drill (4) H-bit holes through the bumper and the bumper support bracket.



Indents on front bumper



New front license plate location

2. Secure placard bumper bracket using (4) 1/4-20 x 3.75 bolts and stack (5) 1/4-20 washers per bolt.
3. Secure license plate with (4) 1/4-20 Torx screws.



Bumper bracket fasteners



1/4-20 nuts and washers (view from under bumper)

4. Secure placard to bumper bracket with (6) rivets.

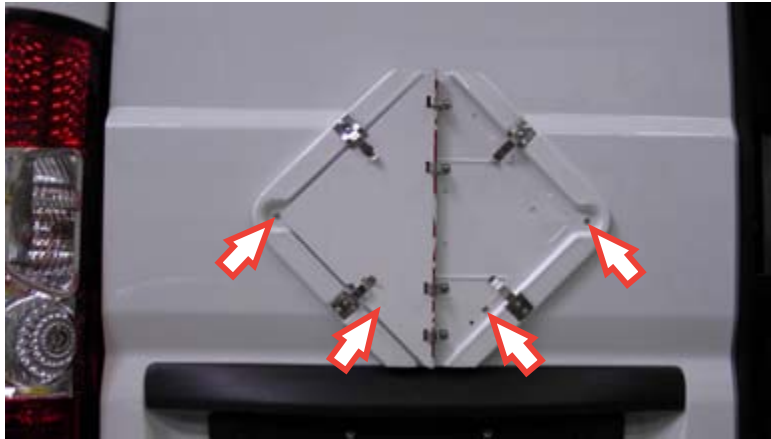


Secure placard with rivets



CAUTION: Use a drill stop when drilling through the door panel.

Rear Door



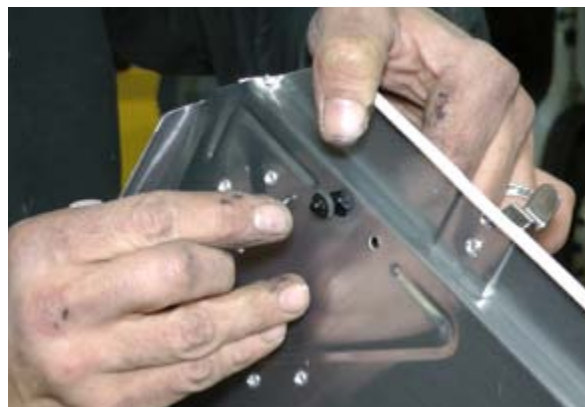
Rear door rivet locations

1. Center the placard above the rear door license plate trim and confirm the orientation of the placard.
2. Use a drill with drill stop to drill (4) #7 holes into the door panel.
3. Use a paint marker on the drilled holes.



Mark and drill holes

4. Secure with (4) rivets and neoprene washers against the door panel.



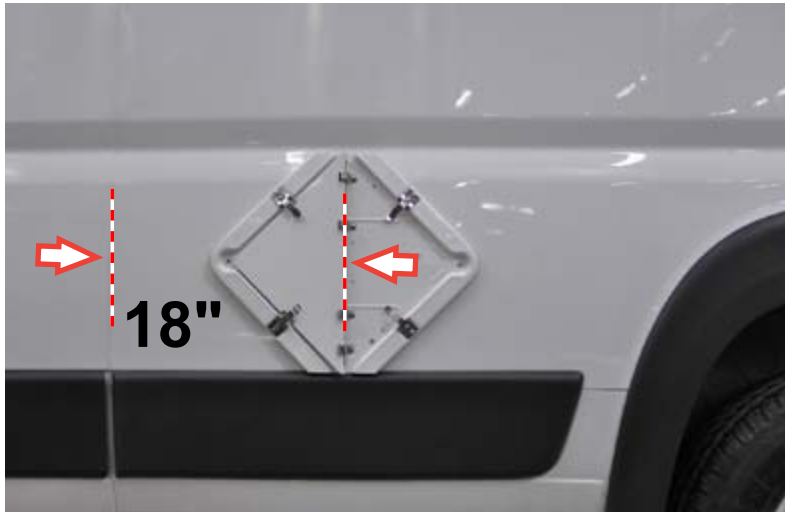
Rivet with neoprene washer



CAUTION: Use a drill stop when drilling through the sidewall panels.

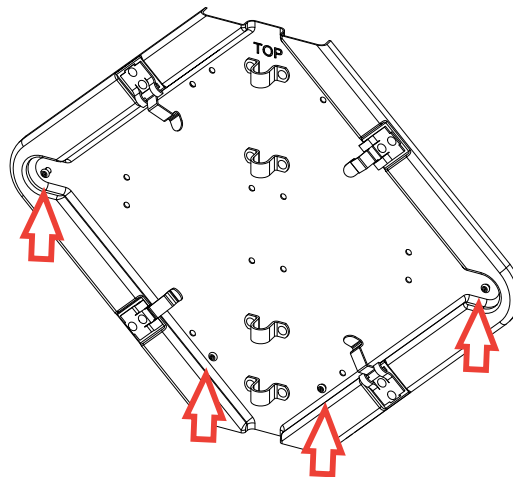
Driver's and Passenger's Side

1. Position the placard 18" from the edge of the cargo door opening and directly above the sidewall body panel.



Side location (driver's side shown)

2. Confirm placard orientation and use the holes in the placard as guide to mark (4) holes.
3. Use a drill with drill stop to drill (4) #7 holes into the body panel.



Placard rivet locations

4. Secure with (4) rivets.

Revision Control

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Revision: A

March 2014

Important Notices

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Title: *ProMaster—Hazardous Material Placards*

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