

Box Rack Installation Instructions

P/N 210566: 2013+ Dodge Promaster Rear Door Box Rack, Passenger Side

Before you begin:

- *Stainless steel hardware may bind together when tightening — apply an anti-seize assembly lubricant to the threads of each bolt before assembly*
- *This installation requires two or more people*
- *This installation requires the license plate and license plate light to be relocated. Electrical connections must be made — Professional Installation Required*

Required Tools:

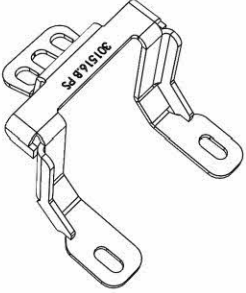

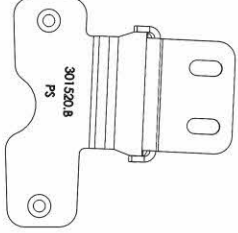
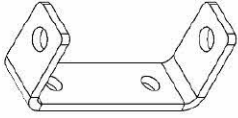
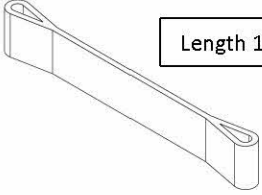
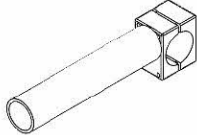
- Standard and metric wrench set
- Standard and metric socket set
- Standard/Metric Allen Keys or Hex Sockets
- Torx bit set
- Breaker bar (*Strongly advised not to use an impact gun*)
- Tin-snips or Heavy Duty Cutting Pliers (*For cutting weather stripping*)
- Isopropyl Alcohol
- Baby Soap or Dish Soap
- Spray Bottle
- Clean Rag
- Squeegee (or old credit card)
- Vice grips
- Door panel plastic rivet puller or Flat Head Screw Driver
- Scissor/Floor Jack (Optional, for supporting door)



Included Hardware:

<i>P/N</i>	<i>Description</i>	<i>Quantity</i>
70344	5/16"-18 x 1" Button Head Bolt, BLACK OXIDE	6
70345	5/16" ID Washer, BLACK OXIDE	12
70346	5/16"-18 Nylon-Locking Nut, BLACK OXIDE	6
400999	Impact Resistant Protective Tape	14.5"
70447	1/4"-20 x 3" bolt	1
70008	Nut, 1/4"-20, Nylock, SS	1
401022	Webbing Anchor (<i>For door stop strap mounting</i>)	1
70079	Screw, Pan Head Phillips, SS, 10-32 x 1/2"	2
70005	Washer, #10, SAE Flat, SS	2
70004	Nut, Nylock, 10-32, SS	2
70458	Bolt, CS Flat Head, M6-1.0 X 16mm, SS	2
70459	Bolt, CS Flat Head, M8-1.0 X 30mm, SS	1
70437	Bolt, Button Head, M6-1.0 X 16mm, SS	2
70246	Antiseize Bolt Lubricant Packet, 2g	1

Additional Parts:

<u>PN</u>	<u>Description</u>	<u>Quantity</u>	<u>Picture</u>
350683	Upper Hinge Bracket, Passenger	1 ea	
350685	Lower Hinge Bracket, Passenger	1 ea	
350687	Inner Pass Door Bracket, Passenger	1 ea	
350688	Door Stop Channel	1 ea	
401035	Door Strap	1 ea	 Length 12-3/8"
350662	Bolt-On Tire/Box Supports	2 ea	

Box Rack Installation:

Pre-install Prep:

1. Cut the supplied protective tape into one – 4.5” section, one - 3” section, and one -7” section. Round all corners.
2. Apply the protective tape to each location, one at a time, using the following wet application technique described below.
3. Prepare the surface for protective film application (wet application technique):
 - a. Clean the area around each hinge with isopropyl alcohol and rag.
 - b. Wash your hands thoroughly.
 - c. Do not apply in direct sunlight
 - d. Apply in temperatures above 60°F.
 - e. Create two separate wetting solutions:
 - i. Soap/water: ~95% water / ~5% soap
 - ii. Alcohol/water: ~75% water, ~25% isopropyl alcohol
4. Spray the surface thoroughly with soap/water solution and do not wipe down surface.
5. Remove the liner from the protective tape while spraying the adhesive side with soap/water solution.
6. Apply the protective tape to the outside of the door (Figure 1). At the upper and lower hinge location, leaving approximately ½” of tape overhanging to be wrapped around the edge of the door. Leave the tape overhanging for now.

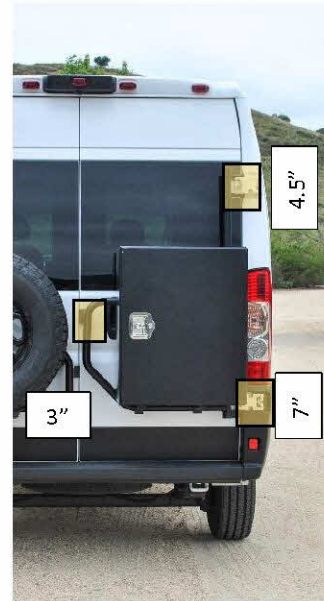


Figure 1: Locations of Protective Film Application

7. Use squeegee all air bubbles out starting at adhered edge.
8. Use the alcohol/water solution to speed up adhesion at one edge (lift section up and spray adhesive side) as needed.
9. Wrap remaining protective tape around the door underneath hinge if possible.

Upper Bracket Installation:

10. Install the upper hinge bracket by:
 - a. Support the weight of the door by using a floor/scissor jack/piece of wood or recruit a helper to assist. (Figure 2)



Figure 2: Support Door Prior to Installation

