

YEARS: 2014

MAKE: RAM

MODEL: PROMASTER (ALL MODELS)

STYLE: VAN

WARNING: NEVER EXCEED YOUR VEHICLE MANUFACTURER'S RECOMMENDED TOWING CAPACITY

WEIGHT CARRYING:
 TRAILER WEIGHT: 6000 LBS.
 TONGUE WEIGHT: 600 LBS.

WEIGHT DISTRIBUTION:
 TRAILER WEIGHT: N/A LBS.
 TONGUE WEIGHT: N/A LBS.

PRO INSTALL TIME: 60 MIN.
NOVICE INSTALL TIME: 90 MIN.

IF YOU ARE HESITANT TO UNDERTAKE THIS TASK ON YOUR OWN, CONTACT AN AUTHORIZED CURT INSTALLER FOR ADDITIONAL ASSISTANCE.

INSTALLATION REQUIRES:

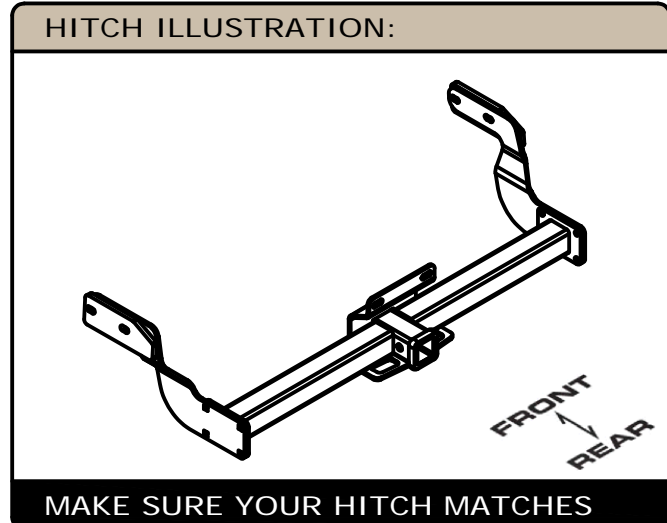
SAFETY GLASSES	RATCHET	T30 TORXBIT SOCKET
POWER DRILL	DRILL BIT 1/2" & 7/16"	MARKER
3/4" 11/16" 16mm 15mm SOCKET	9" SOCKET EXTENSION	TORQUE WRENCH

INSTALLATION TIPS:

- BEFORE YOU BEGIN INSTALLATION, READ ALL INSTRUCTIONS THOROUGHLY.
- TO EASE INSTALLATION, 2 PEOPLE MAY BE REQUIRED.
- USING PROPER TOOLS WILL GREATLY IMPROVE THE QUALITY OF THE INSTALL AND REDUCE THE TIME REQUIRED.
- NEED HELP OR HAVE SOME QUESTIONS? CALL TECHNICAL SUPPORT AT 800.798.0813

LEVEL OF DIFFICULTY: MODERATE

EASY	MODERATE	CHALLENGING
	TEMPORARILY REMOVE VEHICLE COMPONENTS	
	DRILLING REQUIRED	
	FISHWIRE HARDWARE	



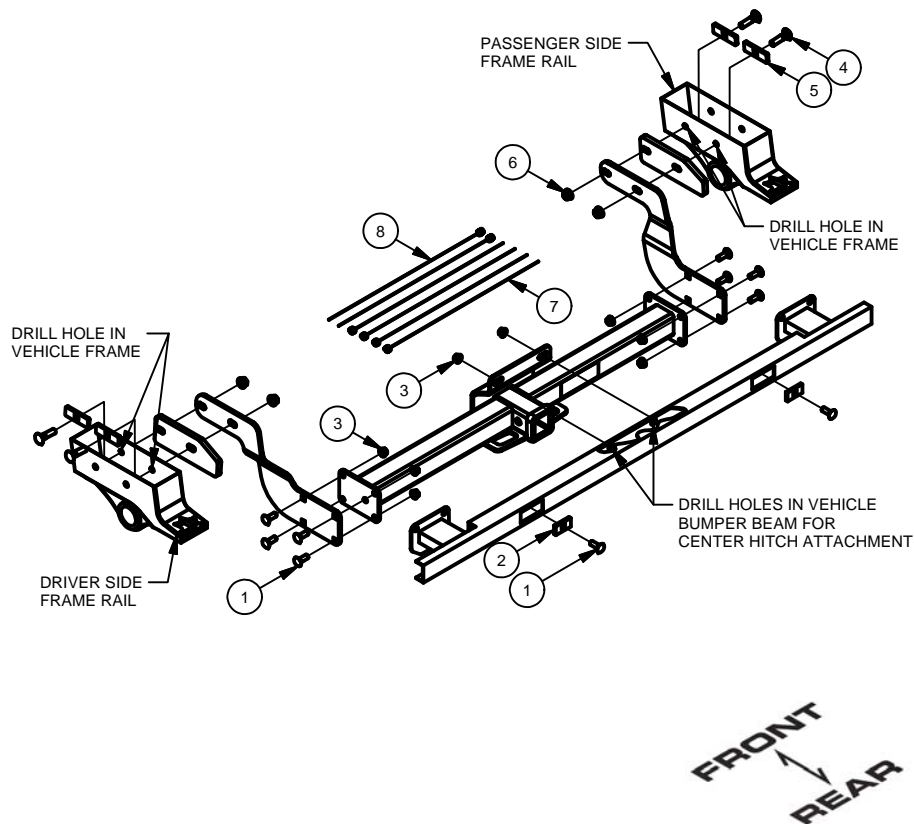
PERIODICALLY CHECK THIS RECEIVER HITCH TO ENSURE ALL FASTENERS ARE TIGHT AND ALL STRUCTURAL COMPONENTS ARE SOUND

CURT Manufacturing LLC. warrants this product to be free of defects in material and/or workmanship at the time of retail purchase by the original purchaser. If the product is found to be defective, Curt Manufacturing LLC. may repair or replace the product at their option, when the product is returned, prepaid, with proof of purchase. Alteration to, misuse of, or improper installation of this product voids the warranty. Curt Manufacturing LLC.'s liability is limited to repair or replacement of products found to be defective, and specifically excludes liability for incidental or consequential loss or damage.

For more information log onto www.curtmfg.com, & for helpful towing tips log onto www.hitchinfo.com

INSTALLATION WALKTHROUGH:

Parts List			
ITEM	QTY	PART NUMBER	DESCRIPTION
1	10	7_16 - 14 x 1 1_4 CARRIAGE (GRADE 8)	CARRIAGE BOLT
2	2	CM-SP7	.250 x 1.00 x 2.00" SQUARE HOLE SPACER
3	10	7/16-14	HEX FLANGE NUT
4	4	1/2 - 13 x 2"	CARRIAGE BOLT
5	4	CM-SP6	.250 x 1.00 x 3.00" SQUARE HOLE SPACER
6	4	HFN 1213	HEX FLANGE NUT
7	4	1_2 FISHWIRE	1/2" FISHWIRE
8	2	7_16 FISHWIRE	7/16" FISHWIRE



- 1.) Open rear vehicle doors to expose bumper cover and cover bolts (4 top and 4 bottom). Remove cover using a T30 torx bit and set cover aside.
**** Disconnect rear back-up sensor connector before completely removing bumper cover.**



- 2.) Locate (2) mounting holes in rear of frame on the vehicle driver side and (1) hole on the passenger side. All holes will need to be enlarged to accept 1/2" bolts. (Use frame mounting plate as a template to drill holes)
****On 'EXT' vehicle models, all (4) 1/2" frame mounting holes will need to be marked and drilled.**

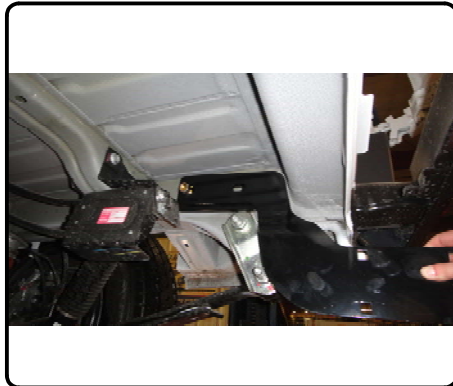


INSTALLATION WALKTHROUGH:

3.) Note: it may help to lower spare tire and remove the driver side exhaust heat shield (4 bolts) for ease of access to the inside frames for drilling. Set components aside for later reassembly.



4.) Remove square plug in bottom of frame rail and fish coiled end of wire through enlarged mounting holes. Loosely secure frame mounting plates and plate spacers in position with carriage bolts through (4) frame mounting holes.



5.) Raise hitch crossbeam center into position, loosely securing to side plates with 7/16" hardware provided. Do not tighten past finger tight. Mark center mounting holes on vehicle bumper beam using a paint pen or marker.

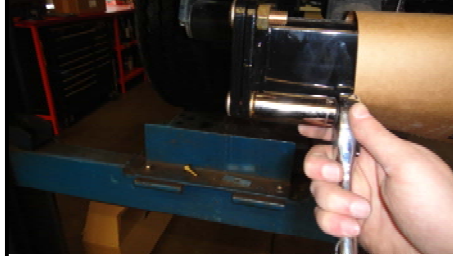


6.) Remove bumper beam using a 16mm socket (2 bolts each side) and a 15mm socket (1 nut each side).
Drill 7/16" holes in bumper beam in marked locations.



INSTALLATION WALKTHROUGH:

- 7.) Reassemble bumper beam (3 places each side). Fishwire hitch center attachment hardware through access holes in vehicle bumper beam and hitch center mounting plate and secure. With hitch aligned properly, torque mounting hardware. Torque all 7/16" hardware to 70lb-ft, all M12 hardware to 90 lb-ft, and all 1/2" hardware to 110 lb-ft



- 8.) Raise spare tire back to original position and reattach heat shield and bumper cover.



Installation complete



13150

RAM PROMASTER (ALL MODELS)

12/18/13

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GROSS LOAD CAPACITY WHEN USED AS A WEIGHT CARRYING HITCH: 6,000 LBS. TRAILER WEIGHT & 600 LBS. TONGUE WEIGHT.

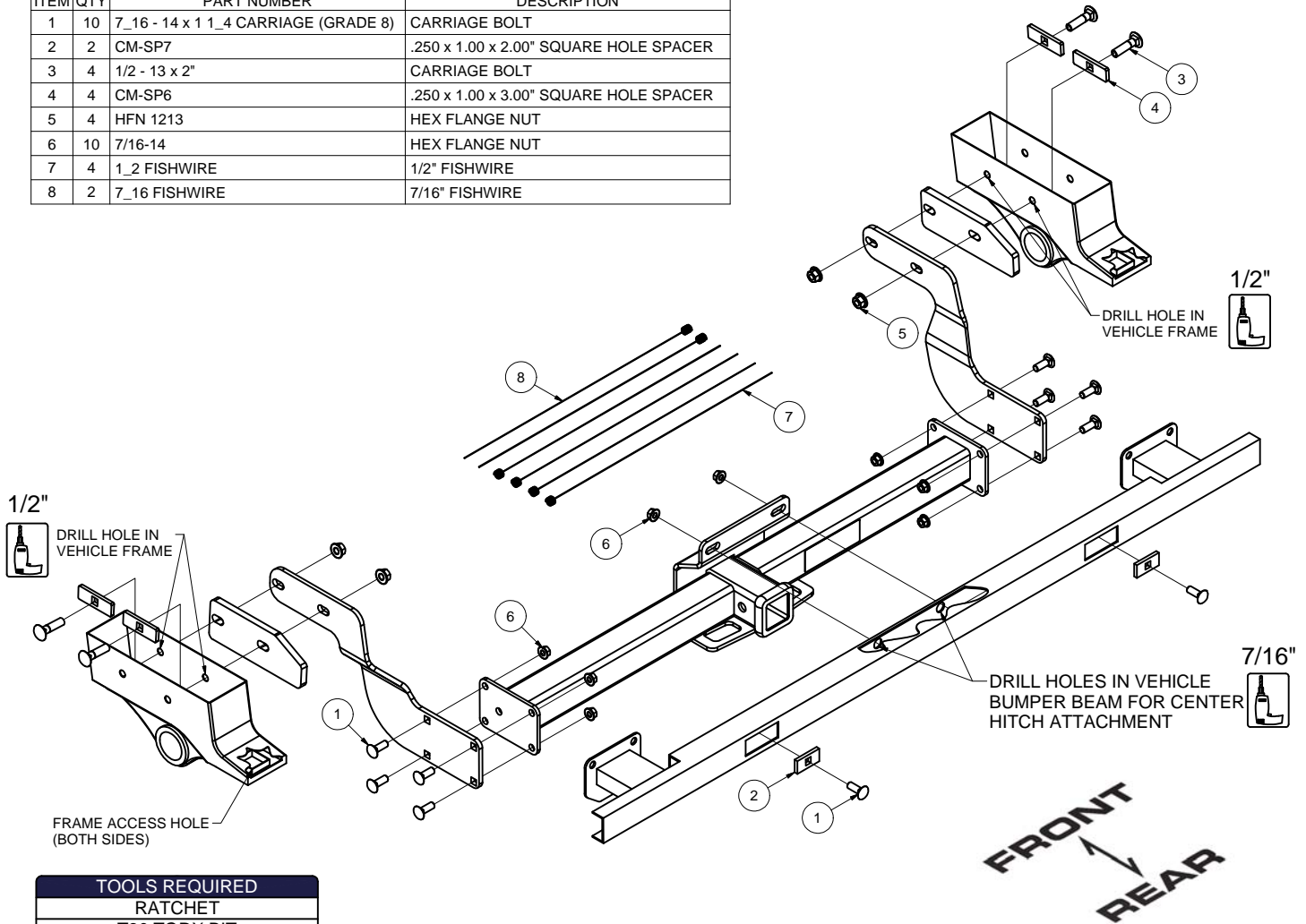
DO NOT EXCEED VEHICLE MANUFACTURER'S RECOMMENDED TOWING CAPACITY.

WARNING: ALL NON-TRAILER LOADS APPLIED TO THIS PRODUCT MUST BE SUPPORTED BY 18050 STABILIZING STRAPS.

** FAILURE TO PROPERLY SUPPORT NON-TRAILER LOADS WILL VOID PRODUCT WARRANTY**

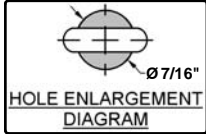
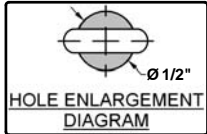
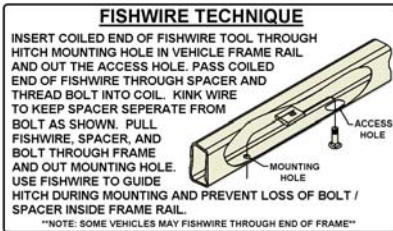
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Parts List			
ITEM	QTY	PART NUMBER	DESCRIPTION
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6	10	7/16-14	HEX FLANGE NUT
7	4	1_2 FISHWIRE	1/2" FISHWIRE
8	2	7_16 FISHWIRE	7/16" FISHWIRE



TOOLS REQUIRED
RATCHET
T30 TORX BIT
9" EXTENSION
POWER DRILL
1/2" & 7/16" DRILL BIT
SOCKET SET
MARKER/PAINT PEN
TORQUE WRENCH

HITCH WEIGHT: 55 LBS.
INSTALL TIME
 PROFESSIONAL: 45 MINUTES
 NOVICE (DIY): 90 MINUTES
INSTALL NOTES:
 - DRILLING REQUIRED
 - FISHWIRE HARDWARE
 - TEMPORARY PART REMOVAL



Scan for more information

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INSTALLATION STEPS

1. Open rear vehicle doors to expose bumper cover and cover bolts (4 top and 4 bottom). Remove cover using a T30 Torx bit and set cover aside.

** Disconnect rear back-up sensor connector before completely removing bumper cover.

2. Locate (2) mounting holes in rear of frame on the vehicle driver side and (1) hole on the passenger side. All holes will need to be enlarged to accept 1/2" bolts.

Use passenger frame mounting plate as a template to drill additional 1/2" rear mounting hole in the passenger side frame to match the driver side mounting locations.

** On 'EXT' vehicle models, all (4) 1/2" frame mounting holes will need to be marked and drilled.

3. Note: it may help to lower spare tire and remove the driver side exhaust heat shield (4 bolts) for ease of access to the inside frames for drilling. Set components aside for later reassembly.
4. Remove square plug in bottom of frame rail and fish coiled end of wire through enlarged mounting holes. Loosely secure frame mounting plates and plate spacers in position with carriage bolts through (4) frame mounting holes.
5. Raise hitch crossbeam center into position, loosely securing to side plates with 7/16" hardware provided. Do not tighten past finger tight. Mark center mounting holes on vehicle bumper beam using a paint pen or marker.
6. Remove bumper beam using a 16mm socket (2 bolts each side) and a 15mm socket (1 nut each side). Drill 7/16" holes in bumper beam in marked locations.
7. Reassemble bumper beam (3 places each side). Fishwire hitch center attachment hardware through access holes in vehicle bumper beam and hitch center mounting plate and secure.

With hitch aligned properly, torque all mounting hardware. Torque all 7/16" hardware to 70lb-ft, torque all M12 hardware to 90lb-ft, torque all 1/2" hardware to 110lb-ft.

8. Raise spare tire back to original position and reattach heat shield and bumper cover.

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