



HITCH, 2" Receiver, Ram Promaster 1500/2500/3500 INSTALLATION INSTRUCTIONS

READ ALL WARNINGS AND INSTRUCTIONS THOROUGHLY BEFORE INSTALLATION

⚠ WARNING: The manufacturer of your vehicle may specify towing capacities lower than the capacities noted below. Never exceed the vehicle manufacturer's recommended towing capacity. Consult your vehicle's owner's manual for the manufacturer's recommended towing capacity for your specific vehicle.

⚠ WARNING: Failure to adhere to the exact torque specifications noted in these installation instructions can result in property damage and/or bodily injury. Failure to follow all specifications and instructions will void the hitch warranty.

NOTICE:

Always use proper tools and safety equipment to ensure a safe and quality installation. Inspection of the trailer hitch should be performed before and after each use to ensure all mounting hardware is tight and related hitch components are secure.

LEVEL OF DIFFICULTY: Easy

Installation difficulty levels are based on the time and effort required. They will vary depending on the installer's expertise. Vehicle condition could be a factor in the level of difficulty for a proper installation.

WEIGHT CARRYING CAPACITY	
Gross Trailer Weight (GTWR)	5,000 LBS
Tongue Weight (TW)	500 LBS

WEIGHT DISTRIBUTING CAPACITY
THIS HITCH IS NOT RATED FOR USE AS A WEIGHT DISTRIBUTING HITCH

TOOLS REQUIRED			
RATCHET	15mm SOCKET	16mm SOCKET	3/4" SOCKET
TORQUE WRENCH	T30 TORX BIT	DRIVER	SAFETY GLASSES

INSTALLATION:

1. Open the rear doors of the vehicle and remove the eight fasteners (four along the top edge and four along the bottom edge) securing the rear bumper cover to the vehicle using a T30 torx bit and driver. If backup sensors are present, be sure to carefully disconnect the wiring harness on the passenger side prior to removing the bumper cover. Retain fasteners and rear bumper cover for reinstallation.
2. Remove the four M10 hex head screws (two on each side) and two M10 nuts (one on each side) securing the rear bumper reinforcement to the vehicle using the 15mm and 16mm sockets and ratchet. Remove the bumper reinforcement and retain for reinstallation along with the two M10 nuts.
3. Locate the two center fastener mounting holes on the back side of the rear bumper reinforcement. Fishwire a 1/2-13 carriage bolt (**ITEM 2**) and square hole spacer (**ITEM 3**) into each of these two holes using the access openings as shown in the illustration. Leave fishwires secured to the fasteners.
4. Mate the receiver hitch to the rear bumper reinforcement as shown in the illustration while guiding the fishwires through their respective fastener holes in the hitch. Using the 3/4" socket and ratchet, loosely secure the hitch to the bumper reinforcement with two 1/2-13 serrated flange nuts (**ITEM 4**) being careful not to loose the carriage bolts inside the bumper reinforcement.
5. Lift hitch and bumper reinforcement into position making sure the threaded studs on the reinforcement (one on each side) are inserted correctly into their respective holes in the vehicle. Secure with the provided M10 flanged hex head screws (**ITEM 1**) and the M10 nuts retained after their removal in STEP 2.

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6. Torque all 1/2-13 fasteners to 110 ft-lb and all M10 fasteners to 48 ft-lb.

7. Reinstall the rear bumper cover after reconnecting the rear sensor wiring harness, if present. Secure with the eight screws removed in STEP 1 using the T30 torx bit and driver.

ITEM	DESCRIPTION	QTY
1	Hex Head Machine Screw, M10x1.25, 30, CL10.9	4
2	1/2-13 UNC x 1-1/4 CARRIAGE BOLT; GR8	2
3	SQUARE HOLE SPACER, 1/2"	2
4	1/2-13 UNC SERRATED FLANGE NUT	2

