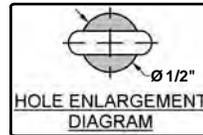


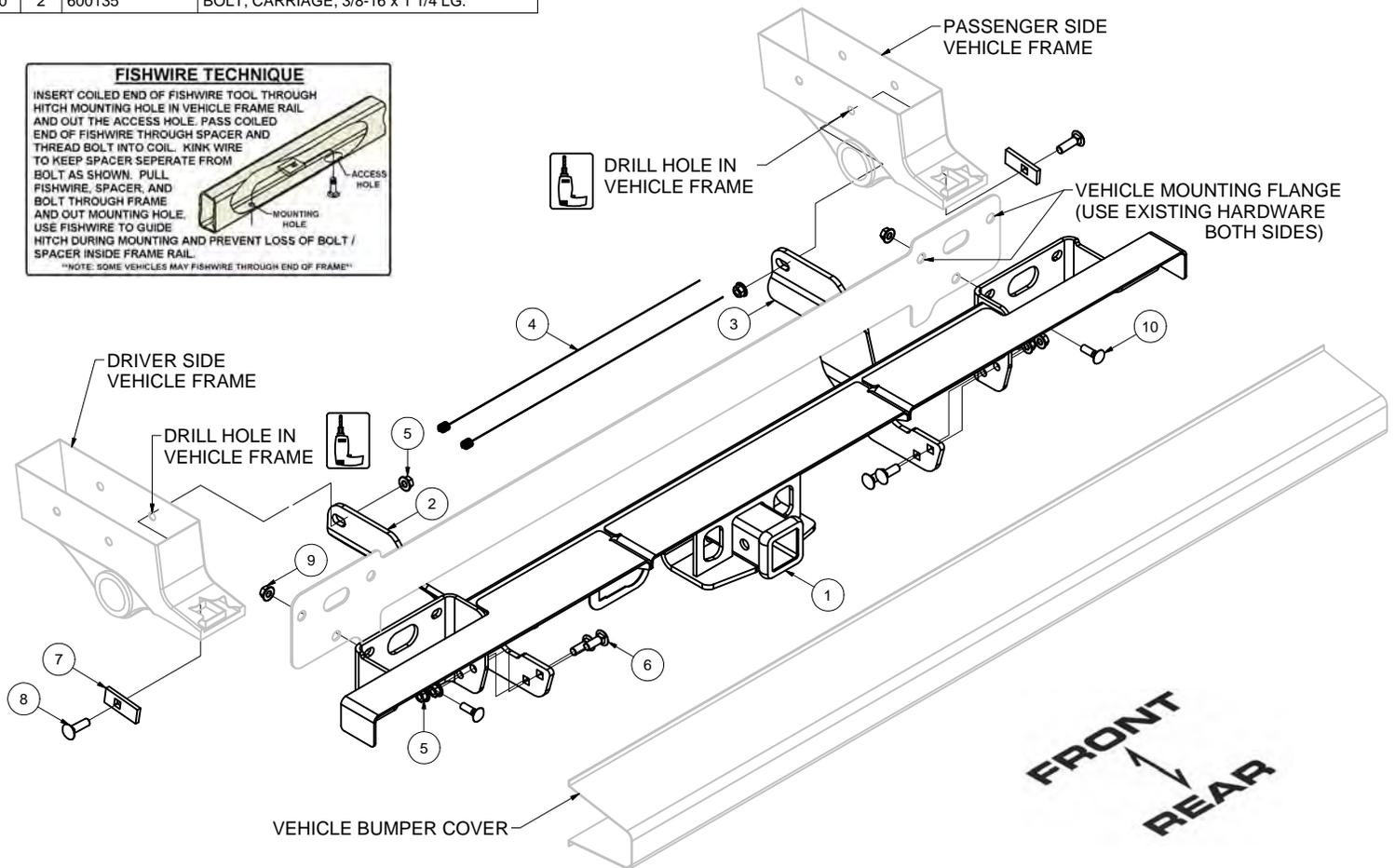
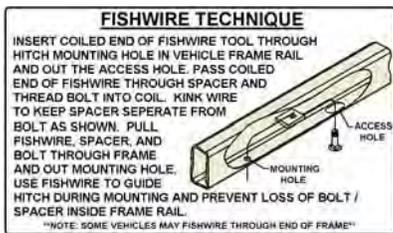


# 2014 RAM PROMASTER TRAILER HITCH

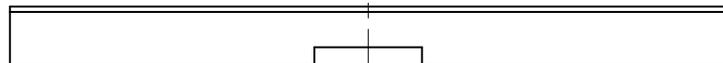
Parts List			
ITEM	QTY	PART NUMBER	DESCRIPTION
1	1	400043-WA	WELDMENT ASSEMBLY
2	1	400043-DSPL	DRIVER SIDE PLATE .313" GR50 H.R.
3	1	400043-PSPL	PASSENGER SIDE PLATE .313" GR50 H.R.
4	2	7_16 FISHWIRE	7/16" FISHWIRE
5	6	600108	NUT,HEX,FLANGE,7/16"-14,CHRYSLER
6	4	600109	BOLT,CARRIAGE,7/16"-14x1 1/4",CHRYSLER
7	2	600132	.250 x 1.00 x 2.50" SQUARE HOLE SPACER
8	2	600133	BOLT, CARRIAGE, 7/16-14 x 1 1/2
9	2	600134	NUT, HEX FLANGE, 3/8-16
10	2	600135	BOLT, CARRIAGE, 3/8-16 x 1 1/4 LG.



TOOLS REQUIRED
RATCHET
6" EXTENSION
T30 TORX BIT
POWER DRILL
1/2" DRILL BIT
SOCKET SET
TORQUE WRENCH



BOTTOM BUMPER COVER TRIM  
CENTERED ON VEHICLE



TRIM FOR RECEIVER TUBE CLEARANCE  
AS NEEDED



# 2014 RAM PROMASTER TRAILER HITCH

## INSTALLATION INSTRUCTIONS

- 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 for reassembly.  
\*Note: If vehicle is equipped with back-up sensors, disconnect from passenger side before completely removing.
- 2) Remove bumper beam using a 16mm socket (2 bolts each side) and a 15mm socket (1 nut each side.) Discard bumper beam and set hardware aside for reassembly. Install trailer hitch in place of bumper beam and loosely secure with original hardware and (2) 3/8" carriage bolts and nuts (provided) for bottom mounting hole.  
\*Note: Use assistance to place trailer hitch and start fasteners.
- 3) Mount side brackets to trailer hitch using only forward bolt location. Swing bracket upward and check frame rail to see if 1/2" mounting hole is present. If so, proceed to Step 6. If not, continue with Step 4.
- 4) If holes are not present, raise bracket up until the top is parallel with the load floor and mark the hole locations on the frame (both sides). Allow the bracket to then swing out of the way.
- 5) Drill 1/2" holes where marked on both vehicle frame rails and confirm alignment with bracket mounting location.  
\*Note: All exposed metal should be protected with a rust-preventative measure.
- 6) Test fit bolt through holes in each frame rail, adjust if needed. Remove the square plug from the access hole in the bottom of the frame rail and fish coiled end of the wire through enlarged hole.
- 7) Thread spacer and bolt through square access hole and pull through enlarged mounting hole. Loosely secure brackets in position with carriage bolt hardware. Secure side brackets to hitch with remaining hardware.
- 8) With hitch components aligned properly, torque mounting hardware. Torque all 3/8" hardware to 45 lb-ft (61 N•m), torque all 7/16" hardware to 70 lb-ft (95 N•m), torque all M12 hardware to 90 lb-ft (122 N•m), torque all 1/2" hardware to 110 lb-ft (149 N•m).
- 9) Trim a 1.65" x 9.00" cut out at the bottom front of the bumper cover to allow for receiver tube clearance during reassembly.
- 10) Reassemble bumper cover in 6 places using a T30 torx bit. Torque to 5.5 lb-ft (7.5 N•m).