

# 13333 2003 - PRESENT DODGE RAM 1500 (BUILT AFTER 11/02) / 2500HD / 3500HD

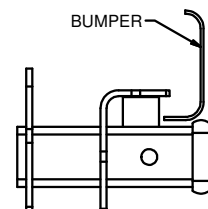
6/15/2012

GROSS LOAD CAPACITY WHEN USED AS A WEIGHT CARRYING HITCH: 6,000 LBS. TRAILER WEIGHT & 600 LBS. TONGUE WEIGHT.  
GROSS LOAD CAPACITY WHEN USED AS A WEIGHT DISTRIBUTION HITCH: 10,000 LBS. TRAILER WEIGHT & 1,000 LBS. TONGUE WEIGHT

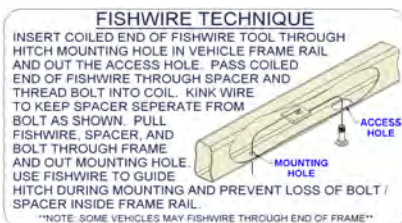
\*\*\*DO NOT EXCEED VEHICLE MANUFACTURER'S RECOMMENDED TOWING CAPACITY.\*\*\*

Parts List			
ITEM	QTY	PART NUMBER	DESCRIPTION
1	2	1/2-13 x 1 1/2	CARRIAGE BOLT
2	2	CM-SP4	.250 x 1.50 x 3.00" SQ. HOLE SPACER
3	2	HFN 1213	HEX FLANGE NUT
4	2	1_2 x 30 FISHWIRE	1/2" x 30" FISHWIRE
5	1	3_4 - 10 x 3.25 FHSCS	FLAT HEAD SOCKET CAP SCREW, ZP

TOOLS REQUIRED	
3/4" SOCKET	
1/2" HEX BIT SOCKET	
RATCHET	
TORQUE WRENCH	



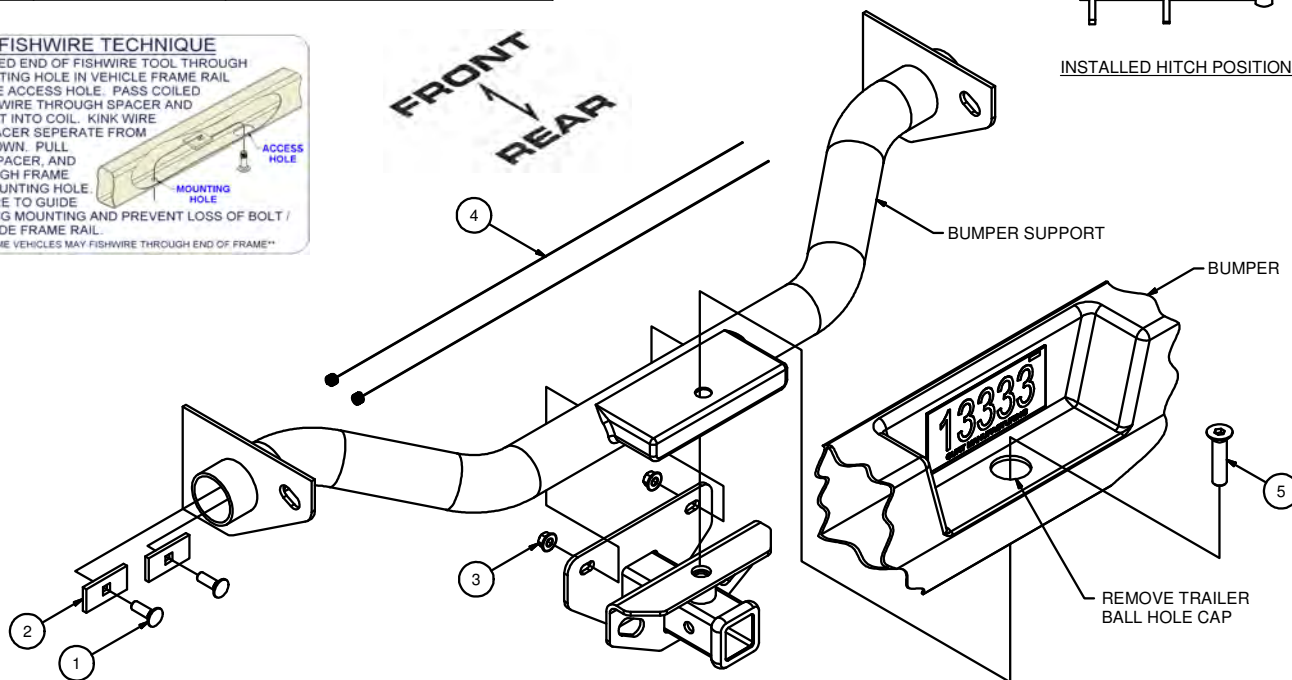
INSTALLED HITCH POSITION



## FISHWIRE TECHNIQUE

INSERT COILED END OF FISHWIRE TOOL THROUGH HITCH MOUNTING HOLE IN VEHICLE FRAME RAIL AND OUT THE ACCESS HOLE. PASS COILED END OF FISHWIRE THROUGH SPACER AND THREAD BOLT INTO COIL. KINK WIRE TO KEEP SPACER SEPARATE FROM BOLT AS SHOWN. PULL FISHWIRE, SPACER, AND BOLT THROUGH FRAME AND OUT MOUNTING HOLE. USE FISHWIRE TO GUIDE HITCH DURING MOUNTING AND PREVENT LOSS OF BOLT / SPACER INSIDE FRAME RAIL.

\*\*\*NOTE: SOME VEHICLES MAY FISHWIRE THROUGH END OF FRAME\*\*



HITCH WEIGHT: 14 LBS.  
INSTALL TIME: 30 MINUTES  
INSTALL NOTES:  
- NO DRILLING REQUIRED  
- FISHWIRE HARDWARE

## INSTALLATION STEPS

1. Remove existing trailer ball hole cap on center of bumper and return to vehicle owner.
2. Raise the hitch into position and secure with 3/4-10 x 3 1/4" flat head socket cap screw through the bumper and bumper support into the hitch.
3. Fishwire 1/2-13 carriage bolts and CM-SP4 spacers through the end of the bumper support tube and into each mount hole of the hitch. (See Fishwire Technique.)
4. Secure hitch to bumper support with 1/2-13 hex flange nuts.
5. Torque all 1/2" hardware to 110 lb-ft and all 3/4" hardware to 380 lb-ft.

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

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