



# 31068 INSTALLATION INSTRUCTIONS



Safety glasses should be worn at all times while installing this product.

**YEARS:** 2009-CURRENT  
2009-CURRENT  
2009-2014

**MAKE:** FORD  
LINCOLN  
FORD

**MODEL:** EXPEDITION  
NAVIGATOR  
F-150

**STYLE:** SUV  
SUV  
TRUCK

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

**WEIGHT CARRYING:** TRAILER WEIGHT: 5,000 LBS.  
TONGUE WEIGHT: 500 LBS.

**GROSS LOAD CAPACITY WHEN USED AS A STRAIGHT LINE PULL:**  
9,000 LBS MAX.

**PRO INSTALL TIME: 30 MIN.**  
**NOVICE INSTALL TIME: 60 MIN.**

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


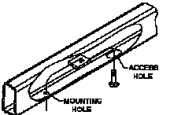

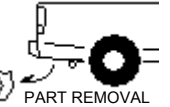
### INSTALLATION REQUIRES:

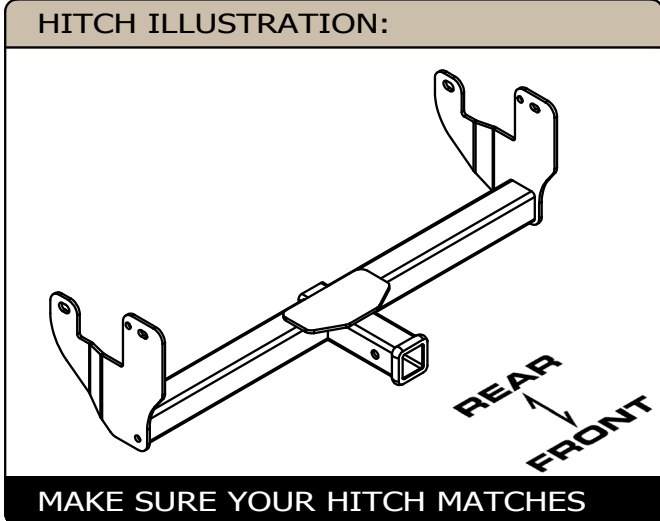
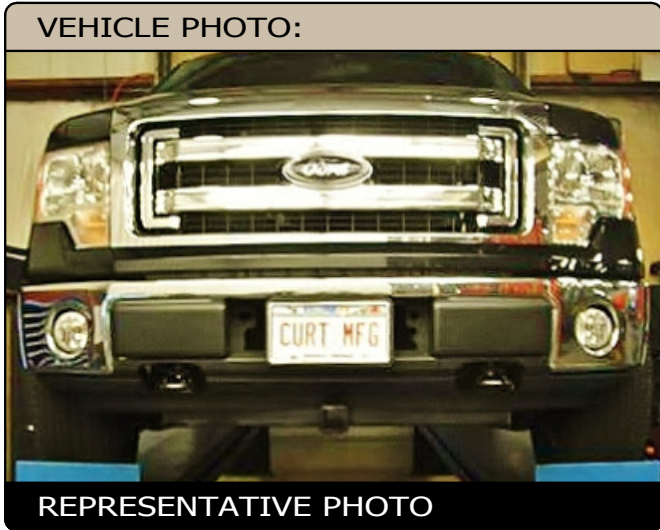
 <b>TORQUE WRENCH</b>	 <b>RATCHET</b>	 <b>3/4" 15/16" 15MM SOCKET</b>
 <b>SAFETY GLASSES</b>	 <b>AVIATION SHEARS</b>	 <b>MASKING TAPE</b>
 <b>MARKER</b>		

**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?

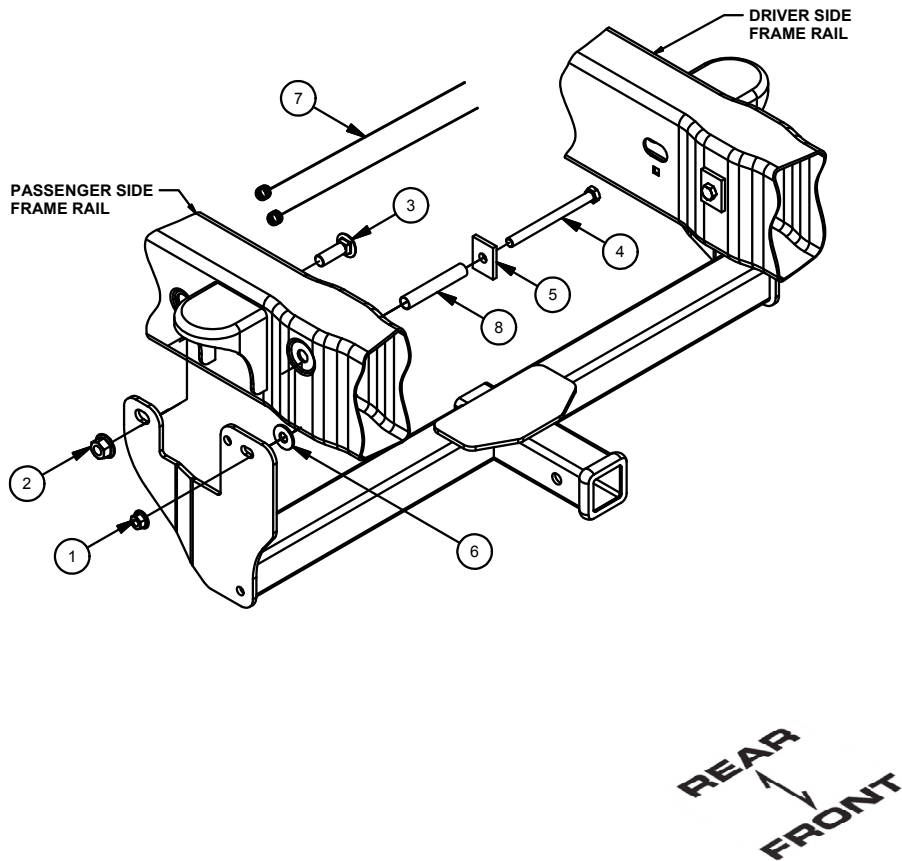
**LEVEL OF DIFFICULTY: MODERATE**

EASY	MODERATE	CHALLENGING
 <b>TRIM</b>	4X4 MODELS - TRIM 1 3/8" x 3 1/2" 4X2 MODELS - TRIM 1" x 3 1/2"	
	FISHWIRE (2) 5/8" BOLTS	
	NO DRILLING REQUIRED	
	ON 2011 AND NEWER REMOVE LOWER AIR DAM	



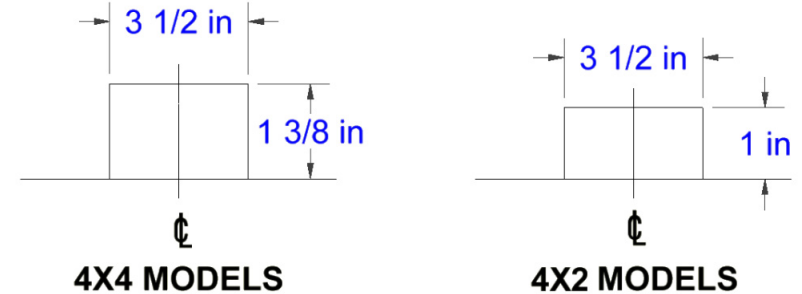
## INSTALLATION WALKTHROUGH:

Parts List			
ITEM	QTY	PART NUMBER	DESCRIPTION
1	2	HFN 1213, GR8	HEX FLANGE NUT
2	2	5/8-11	HEX FLANGE NUT
3	2	5/8-11 x 2, GR8	CARRIAGE BOLT
4	2	1_2 - 13 x 6 HEX	HEX BOLT
5	2	CM-SP16	.250 x 1.50 x 2.00" ROUND HOLE SPACER
6	2	FW12	FW, 12, ZP
7	2	5_8 FISHWIRE	5/8" FISHWIRE
8	2	31068-TS	.706 OD x .042 TUBE SPACER

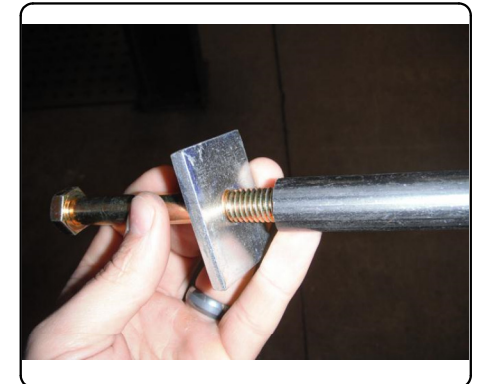
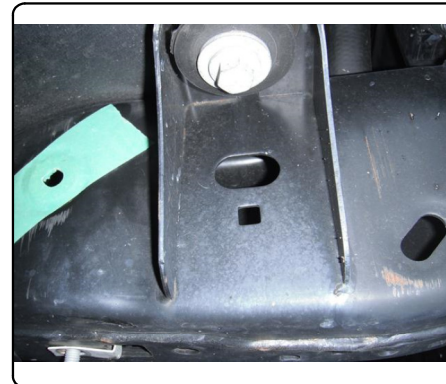


1. Remove the lower air dam on 2011 and newer trucks by removing (2) nuts with a 15MM socket. Trim the lower plastic bumper fascia as required using the diagram below as a reference only.

### BUMPER FASCIA TRIM DIAGRAMS

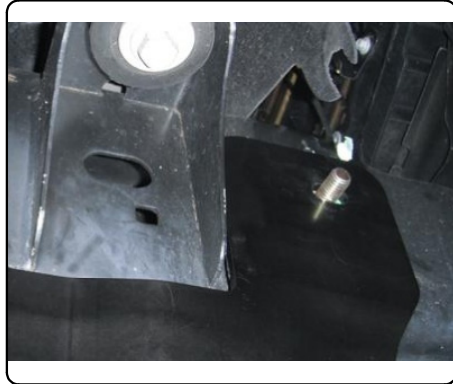


2. Tape the (2) 1/2" washers securely to the forward most attachment point. Insert 1/2" x 6" hex bolts into the CM-SP16 and 31068-TS and install from the inboard side of the frame through the 1" hole, passing out of the 1/2" washer.

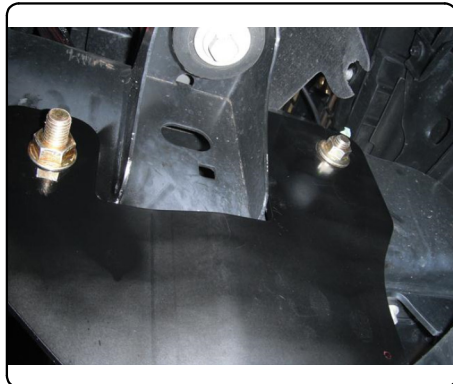


## INSTALLATION WALKTHROUGH:

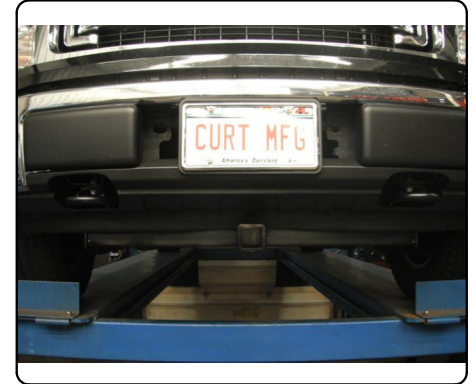
3. Press the 6" long bolts into the frame to allow the hitch to slide up into position. Raise hitch, press bolts back out, and loosely install the 1/2" hex flange nuts.



4. Fishwire the 5/8" carriage bolts from the end of the frame into the rearward mounting slots in the frame. Loosely install the remaining 5/8" hex flange nuts.



5. Torque all 1/2" fasteners to 110 lb-ft and all 5/8" fasteners to 210 lb-ft.



## FORD F-150, FORD EXPEDITION, LINCOLN NAVIGATOR

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

### FRONT MOUNTED ACCESSORIES

1) Do not exceed front axle Gross Weight Rating (GAWR). Consult owners manual or specification plate located on driver's door frame. Measure gross front axle weight by placing front wheels of loaded vehicle on a scale.

**WARNING:** Exceeding GAWR may overload the front axle and/or suspension. This could result in **accident, property damage and personal injury.**

2) Reposition front mounted license plate if obstructed.

3) Do not obstruct vehicle lights.

4) Allow free air flow into grille opening.

5) Rear wheel traction may be reduced. This could effect handling. Reduce speed and drive with caution.

6) Accessories extend front of vehicle. This may reduce approach angle. Use caution when parking and maneuvering.

7) Do not obstruct driver view.

### VEHICLE RECOVERY AND WINCHING TIPS

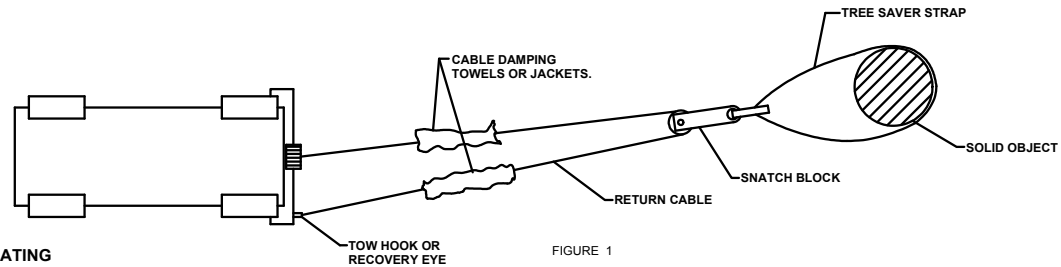
1) Use OEM tow hooks, recovery eyes or a clevis mount for attachment of a tow strap or winch cable.

**WARNING: NEVER** use a ball and/or ball mount as an anchor point for tow strap or winch cable. Severe personal injury or death could result.

2) Observe winch manufacturer's recommendations, cautions and warnings.

3) Attach return cable to tow hook or recovery eye when using a snatch block (See figure 1).

**CAUTION:** Do not attach return cable to winch mount. This may overload winch mount and/or front mounted receiver.

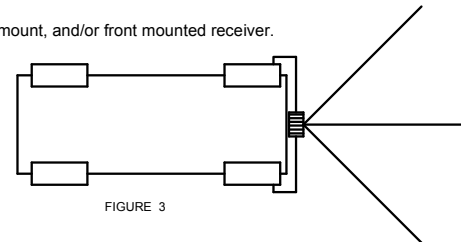
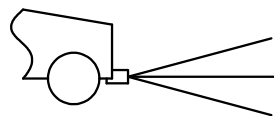


### RATING

For **Maximum** line pull rating, winch cable must not exceed:

- 15 degree angle up or down from horizontal (See Figure 2).
- 45 degree angle left or right from straight ahead (See Figure 3).

**CAUTION:** Exceeding the maximum line pull rating may over load winch, winch mount, and/or front mounted receiver.



# FORD F-150, FORD EXPEDITION, LINCOLN NAVIGATOR

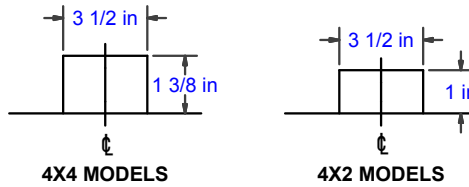
GROSS LOAD CAPACITY WHEN USED AS A WEIGHT CARRYING HITCH: 5,000 LBS. TRAILER WEIGHT & 500 LBS. TONGUE WEIGHT.

GROSS LOAD CAPACITY WHEN USED AS A STRAIGHT LINE PULL: 9,000 LBS. MAX. LINE PULL.

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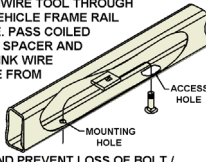
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## BUMPER FASCIA TRIM DIAGRAMS



## FISHWIRE TECHNIQUE

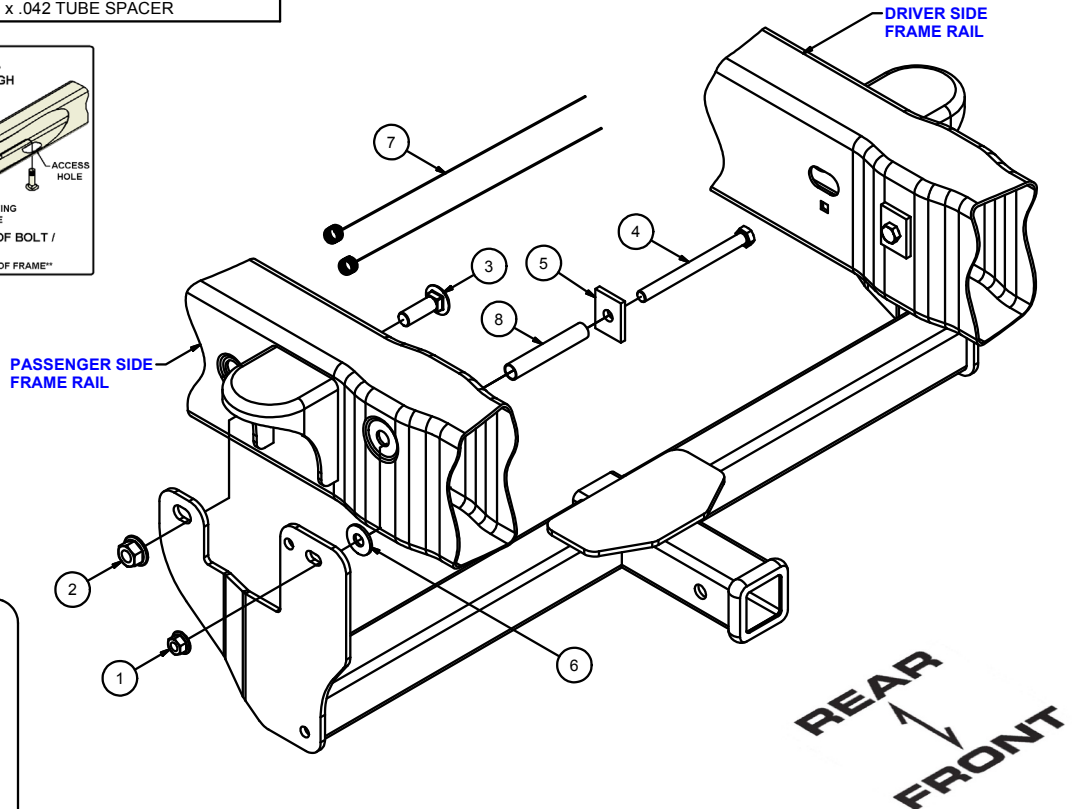
INSERT COILED END OF FISHWIRE TOOL THROUGH HITCH MOUNTING HOLE IN VEHICLE FRAME RAIL AND OUT THE ACCESS HOLE. PASS COILED END OF FISHWIRE THROUGH SPACER AND THREAD BOLT INTO COIL. KINK WIRE TO KEEP SPACER SEPARATE FROM BOLT AS SHOWN. PULL FISHWIRE, SPACER, AND BOLT THROUGH FRAME AND OUT MOUNTING HOLE. 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\*\*

## TOOLS REQUIRED

3/4" SOCKET  
15/16" SOCKET  
15MM SOCKET  
RATCHET  
TORQUE WRENCH  
AVIATION SHEARS  
TAPE  
MARKER



HITCH WEIGHT: 37 LBS.

## INSTALL TIME

PROFESSIONAL: 30 MINUTES

NOVICE (DIY): 60 MINUTES

## INSTALL NOTES:

- MAY NEED TO REMOVE AIR DAM
- TRIM LOWER BUMPER FASCIA
- FISHWIRING REQUIRED
- NO DRILLING

## INSTALLATION STEPS

1. Remove the lower air dam on 2011 and newer trucks. Trim the lower plastic bumper fascia as required using the diagram above as a reference only.
2. Tape the (2) 1/2" washers securely to the forward most attachment point. Insert 1/2" x 6" hex bolts into the CM-SP16 and 31068-TS and install from the inboard side of the frame through the 1" hole, passing out of the 1/2" washer.
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5. Torque all 1/2" fasteners to 110 lb-ft and all 5/8" fasteners to 210 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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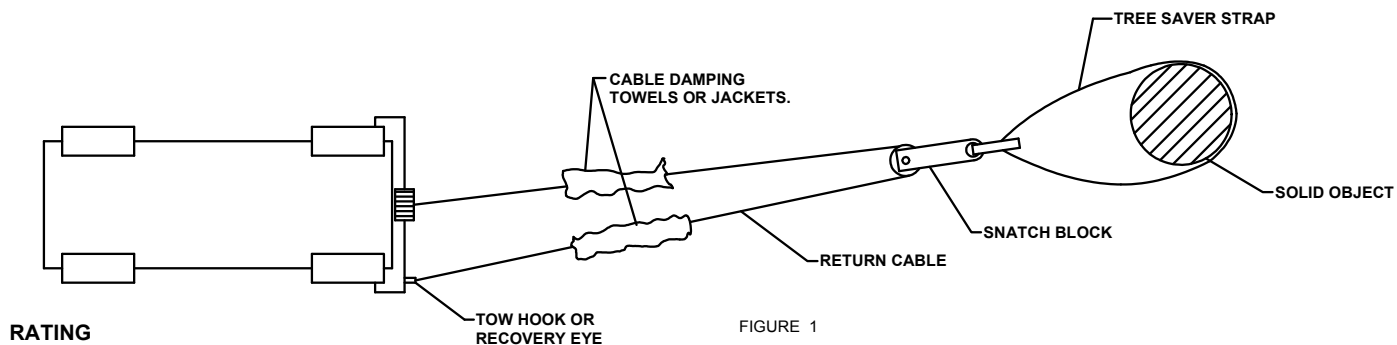
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