



# 12140 INSTALLATION INSTRUCTIONS



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

YEARS: 2015-PRESENT

MAKE: FORD

MODEL: EDGE

STYLE: SUV



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

### WEIGHT CARRYING:

TRAILER WEIGHT: 3,500 LBS.  
TONGUE WEIGHT: 350 LBS.

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.


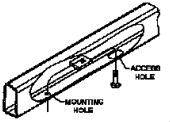

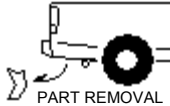

### INSTALLATION REQUIRES:

 <b>7/32"</b> <b>3/4"</b> <b>5.5mm</b> <b>10mm</b> SOCKET	 RATCHET	 TORQUE WRENCH
 T20 TORXBIT SOCKET	 AVIATION SHEARS	 SAFETY GLASSES

### INSTALLATION TIPS:

1. BEFORE YOU BEGIN INSTALLATION, READ ALL INSTRUCTIONS THOROUGHLY.
2. TO EASE INSTALLATION, 2 PEOPLE MAY BE REQUIRED.
3. USING PROPER TOOLS WILL GREATLY IMPROVE THE QUALITY OF THE INSTALL AND REDUCE THE TIME REQUIRED.

### LEVEL OF DIFFICULTY: MODERATE

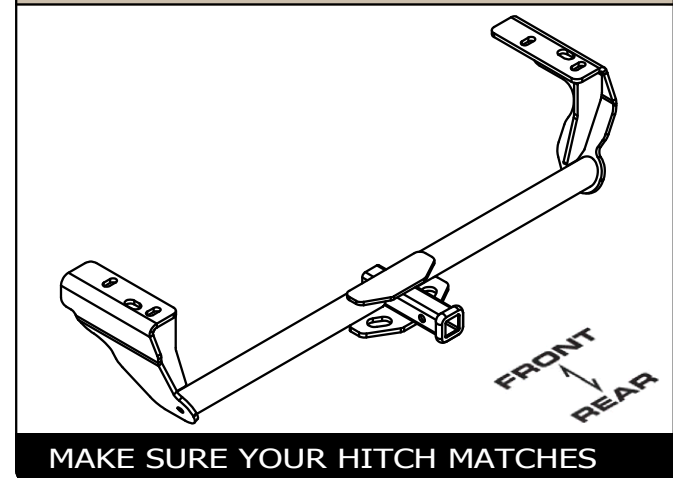
EASY	MODERATE	CHALLENGING
 TRIM	TRIM UNDERBODY (2) PANELS	
 ACCESS HOLE DRILLING HOLE	FISHWIRE (4) 1/2" FASTENERS	
	LOWER (2) EXHAUST HANGERS	
 PART REMOVAL	REMOVE EXHAUST BEZELS (SPORT ONLY)	
	NO DRILLING REQUIRED	

### VEHICLE PHOTO:



REPRESENTATIVE PHOTO

### HITCH ILLUSTRATION:



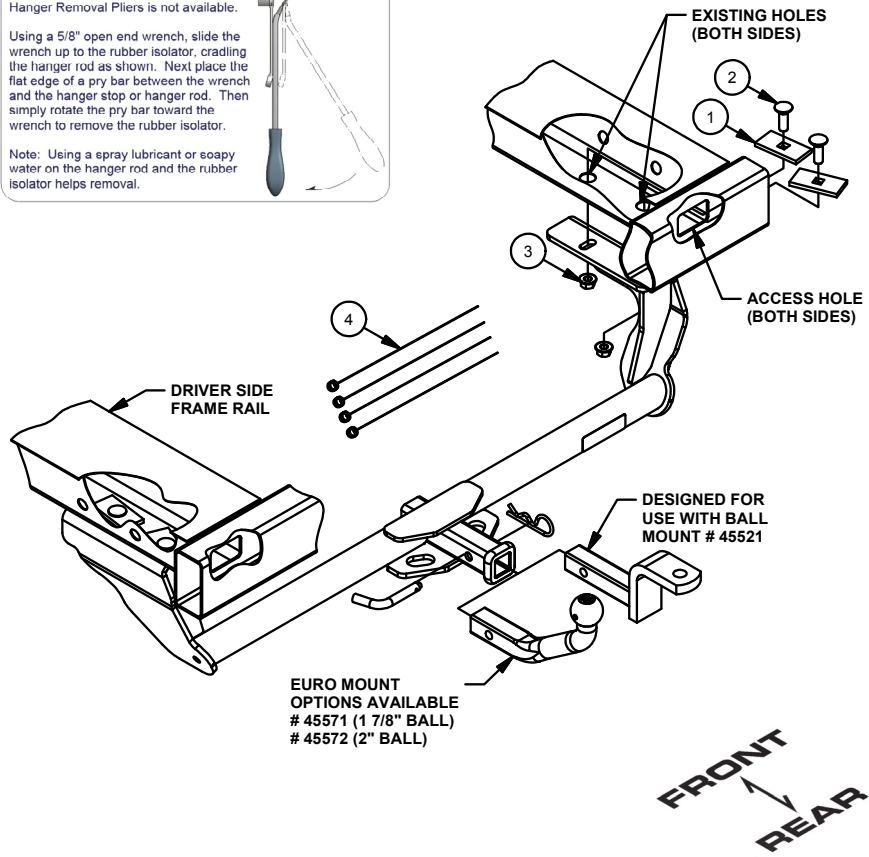
MAKE SURE YOUR HITCH MATCHES

# INSTALLATION WALKTHROUGH:

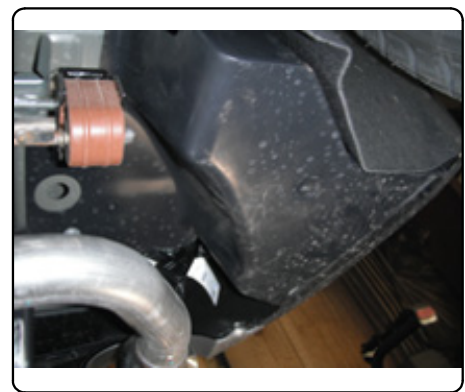
Parts List			
ITEM	QTY	PART NUMBER	DESCRIPTION
1	4	CM-SP4	.250 x 1.50 x 3.00" SQUARE HOLE SPACER
2	4	1/2-13 x 1 1/2, GR8	CARRIAGE BOLT
3	4	HFN 1213, GR8	HEX FLANGE NUT
4	4	1_2 FISHWIRE	1/2" FISHWIRE

**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 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\*\*

**RUBBER ISOLATOR REMOVAL DIAGRAM**  
 This technique can be used if an Exhaust Hanger Removal Pliers is not available.  
 Using a 5/8" open end wrench, slide the wrench up to the rubber isolator, cradling the hanger rod as shown. Next place the flat edge of a pry bar between the wrench and the hanger stop or hanger rod. Then simply rotate the pry bar toward the wrench to remove the rubber isolator.  
 Note: Using a spray lubricant or soapy water on the hanger rod and the rubber isolator helps removal.



1) Support and lower the exhaust by removing (2) rubber isolators mounted to the muffler. Remove the panels from behind the rear wheels by removing (2) hex nuts using a 10mm socket and (2) screws with a 7/32" socket. Set panels aside for later installation.

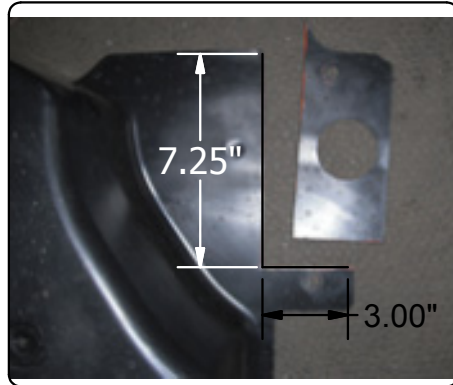
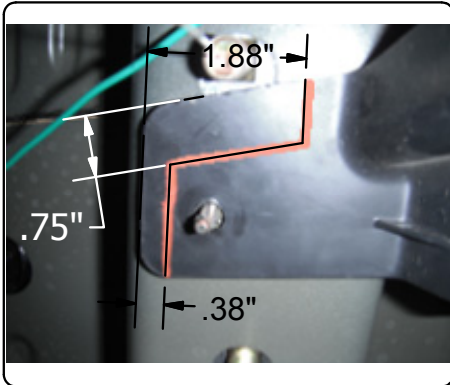


**Note: Sport model will require the removal of the exhaust bezels using a 5.5mm socket and a T20 torx bit.**  
 2) Fishwire (2) CM-SP4 spacers and (2) 1/2" carriage bolts into the mounting holes as shown for both frames.



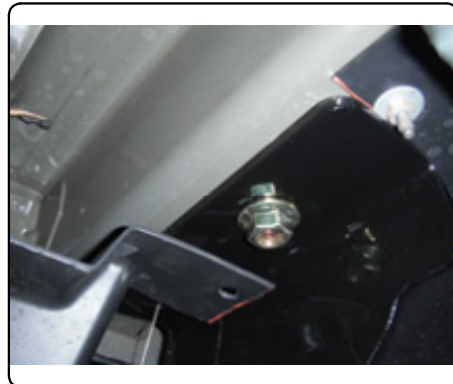
## INSTALLATION WALKTHROUGH:

- 3) Trim 3/8" off of the center under body panel outer tabs to allow easier mounting of the hitch. Trim the removed underbody side panels as shown in the diagram below to allow for reinstallation.



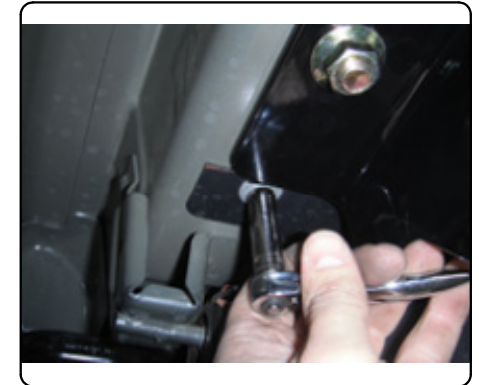
- 4) Raise hitch over exhaust and thread fishwires into the mounting holes. Raise hitch into mounting position, remove the fishwires and install (4) supplied 1/2" hex flange nuts.

**Note:** The hitch side plates will be located between the center underbody panel tabs and the frame rails.



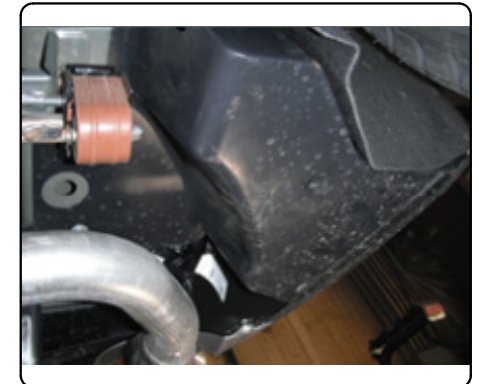
- 5) Torque all 1/2" fasteners to 110 lb-ft. Reinstall the trimmed underbody panels onto the vehicle using the hardware removed in step 1.

**Note:** The washer/nut may require trimming of the washer for reinstallation.



- 6) Raise the exhaust back into position and reinstall rubber isolators and exhaust bezels if removed.

**Note:** On vehicles equipped with hands free lift gate, perform the kick motion on the left or right side of the receiver tube.





## TOWING SAFETY INFORMATION

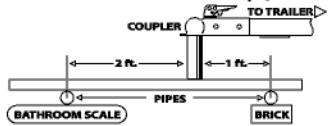
### Gross Trailer Weight / GTW

The Gross Trailer Weight is the weight of the trailer & cargo. Measure this by putting the fully loaded trailer on a vehicle scale.



### Tongue Weight / TW

The downward force that is exerted on the hitch ball by the coupler. The tongue weight will vary depending on where the load is positioned in relationship to the trailer axle(s). To measure the tongue weight, use either a commercial scale or a bathroom scale with the coupler at towing height. When using a bathroom scale with heavier tongue weights, use the method shown and multiply the scale reading by 3.



### Weight Carrying / WC

The total weight of both the trailer and the cargo inside. Never exceed the weight capacity of your trailer hitch.

### Weight Distribution / WD

Used to balance the weight of the cargo between the front and rear wheels throughout the trailer, allowing for better steering, braking, and level riding.



### Sway Control

A device used to reduce the lateral movements of the trailer that are caused by the wind. This works in conjunction with a weight distribution hitch. Do not use this on a class 1 or 2 hitch, or with surge brakes.

### How Much Can You Safely Tow?

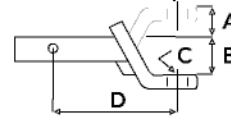
TONGUE WEIGHT (lb)	1000	2000	3000	4000	5000	6000	7000	8000	10,000	12,000
Tongue weight should be about 10 to 15 percent of the gross trailer weight.										
CLASS 1										
CLASS 2										
CLASS 3										
CLASS 4										
CLASS 5										
TRAILER TYPE										
Camper	11'	12'	13'	14'	15'	16'				
lbs.	1100	1200	1300	1400	1500	1600				
Vacation	18'	19'	20'	22'	24'	26'	28'	30'	32'	
lbs.	2100	2400	2700	3000	3300	3600	3900	4200	4500	4800
Vacation	18'	19'	20'	22'	24'	26'	28'	30'	32'	
lbs.	2800	3200	3600	4000	4400	4800	5200	5600	6000	6400
5th Wheel										

**Refer to owner's manual for towing capabilities and limitations.**

### Ball Mount

The ball mount is placed inside the opening of the receiver hitch which is mounted to the vehicle. Make sure a hitch pin and clip is properly securing the ball mount to the receiver hitch before you begin towing.

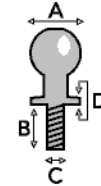
- A: Rise. B: Drop. C: Hole Size. D: Length.



### Trailer Ball

The connection from the hitch to the trailer. There are many factors that determine the correct hitch ball:

- Number one is the hitch ball's gross trailer weight rating.
- The mounting platform must be at least 3/8" thick.
- The hole diameter must not be more than 1/16" larger than the threaded shank.
- Every time you tow, check the nut and lock washer to make sure they are fastened securely.
- A: Ball Dia. B: Shank Length. C: Shank Dia. D: Shank Rise.



### Coupler

The component that is placed over the trailer ball to connect the vehicle to the trailer. Be sure that the coupler size matches the size of the hitch ball and that the coupler handle is securely fastened. To determine what size hitch ball you need for your application you will need to know the size of coupler that is on the trailer. Be sure your coupler is properly adjusted to the ball you are using.

NOTE: For added security the use of safety devices such as Coupler Safety Pins and Locks is strongly recommended.

### Safety Chains

Safety chains are a requirement and should be crossed under the tongue of the trailer so that the tongue will not drop to the road if it becomes separated from the hitch. Always leave enough slack so you can turn. Never allow the safety chains to drag on the ground and never attach the chains to the bumper.

Trailer Classification: Safety Chain Breaking Force - Minimum

Class 1: 2,000 lbs. (8.9 kN)

Class 2: 3,500 lbs. (15.6 kN)

Class 3: 5,000 lbs. (22.2 kN)

The strength rating of each length of safety chain or its equivalent and its attachments shall be equal to or exceed in minimum breaking force the GVWR (Gross Vehicle Weight Rating) of the trailer.

### Electrical

Trailer lights, Electric Brakes, Break-away systems - Every time you tow, be sure to check that all components are working properly.

Wiring identification by color:

7-WAY						
6-WAY						
5-WAY						
4-WAY						
<b>GREEN</b>	<b>YELLOW</b>	<b>BROWN</b>	<b>WHITE</b>	<b>RED</b>	<b>BLUE</b>	<b>PURPLE</b>
RIGHT TURN & BRAKE	LEFT TURN & BRAKE	TAILLIGHTS	GROUND	AUXILIARY POWER	ELECTRIC BRAKES	BACK-UP LIGHTS

CURT DISCLAIMER: WIRING COLOR SHOWN WORK IN CONJUNCTION WITH CURT MANUFACTURING PRODUCTS.

12140

FORD EDGE

GROSS LOAD CAPACITY WHEN USED AS A WEIGHT CARRYING HITCH: 3,500 LBS. TRAILER WEIGHT & 350 LBS. TONGUE WEIGHT.  
 WARNING: ALL NON-TRAILER LOADS APPLIED TO THIS PRODUCT MUST BE SUPPORTED BY 18050 STABILIZING STRAPS.



**WARNING: \*\* FAILURE TO PROPERLY SUPPORT NON-TRAILER LOADS WILL VOID PRODUCT WARRANTY \*\***  
**WARNING: \*\*\* DO NOT EXCEED VEHICLE MANUFACTURER'S RECOMMENDED TOWING CAPACITY \*\*\***



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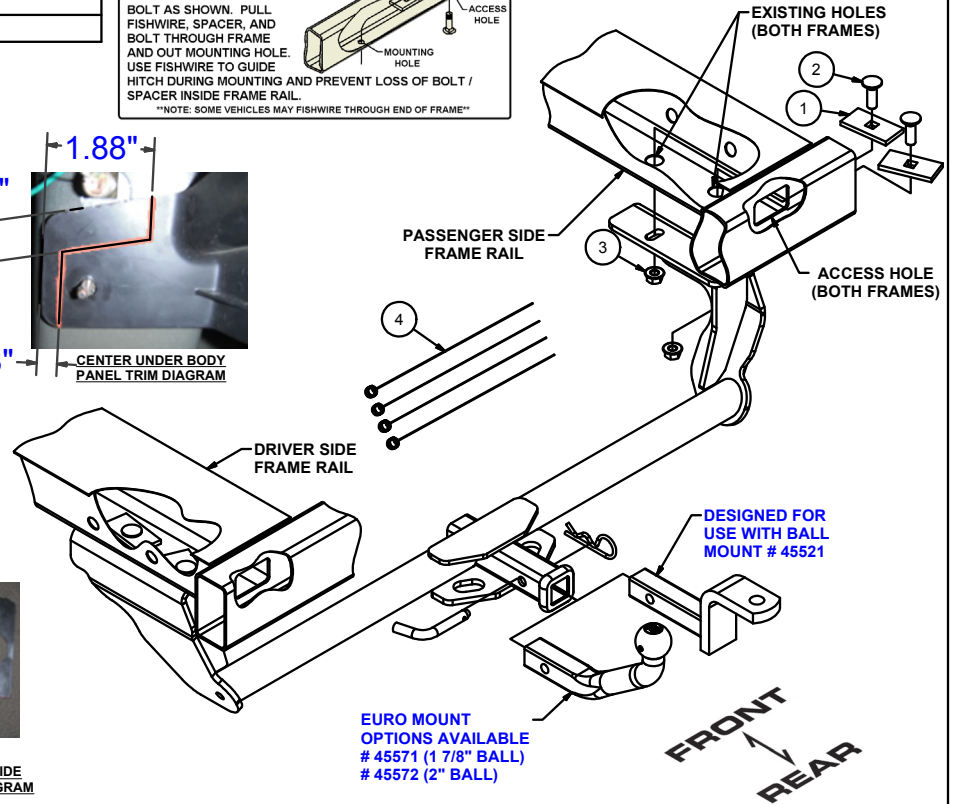
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Note: Using a spray lubricant or soapy water on the hanger rod and the rubber isolator helps removal.

**TOOLS REQUIRED**

7/32" SOCKET
3/4" SOCKET
5.5mm SOCKET (SPORT MODEL)
10mm SOCKET
T20 TORX BIT
RATCHET
TORQUE WRENCH
AVIATION SHEARS
SAFETY GLASSES

HITCH WEIGHT: 31 LBS.  
 INSTALL TIME  
 PROFESSIONAL: 30 MINUTES  
 NOVICE (DIY): 60 MINUTES  
 INSTALL NOTES:  
 - TRIM UNDERBODY PANELS  
 - FISHWIRING REQUIRED  
 - LOWER EXHAUST  
 - NO DRILLING REQUIRED



**INSTALLATION STEPS**

- 1) Support and lower the exhaust by removing (2) rubber isolators mounted to the muffler. **Note: Sport model will require the removal of the exhaust bezels using a 5.5mm socket and a T20 Torx bit.** Remove the panels from behind the rear wheels by removing (2) hex nuts using a 10mm socket and (2) screws with a 7/32" socket. Set panels aside for later installation.
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**Note:** On vehicles equipped with hands free lift gate, perform the kick motion on the left or right side of the receiver tube.

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