14012 INSTALLATION INSTRUCTIONS

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

YEARS: 2015	MAKE: FORD	MODEL: TRANSIT	STYLE: VAN

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

WEIGHT CARRYING:		WEIGHT DISTRIBUTION:	
TRAILER WEIGHT:	8,000 LBS.	TRAILER WEIGHT:	10,000 LBS.
TONGUE WEIGHT:	800 LBS.	TONGUE WEIGHT:	1,000 LBS.

PRO INSTALL TIME: **15 MIN.**
NOVICE INSTALL TIME: **30 MIN.**

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

INSTALLATION REQUIRES:


SAFETY GLASSES


SPRAY LUBRICANT


WIRE PIPE BRUSH


RATCHET


3" SOCKET EXTENSION


15mm 3/4" SOCKET


TORQUE WRENCH


POWER DRILL

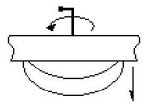
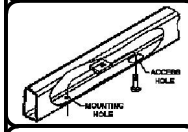

DRILL BIT 9/16"

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: EASY

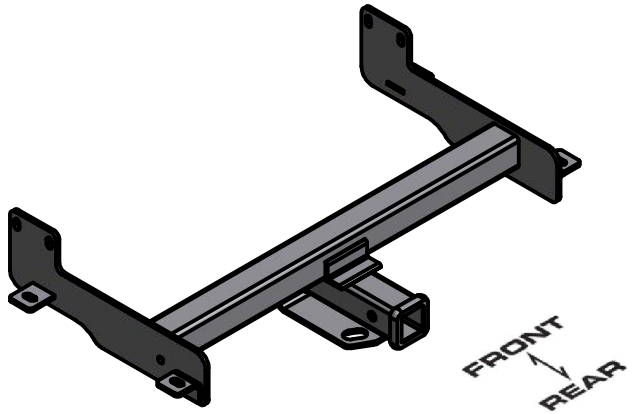
EASY | MODERATE | CHALLENGING

	LOWER SPARE TIRE
	ENLARGE HOLE
	CLEAN WELDNUTS
	FISHWIRE HARDWARE

VEHICLE PHOTO:

REPRESENTATIVE PHOTO

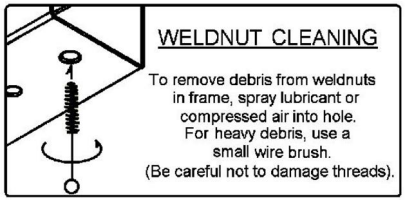
HITCH ILLUSTRATION:



MAKE SURE YOUR HITCH MATCHES

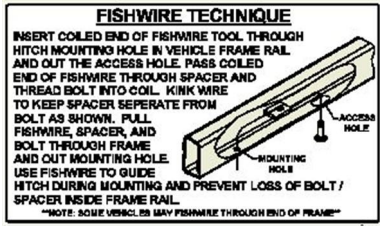
INSTALLATION WALKTHROUGH:

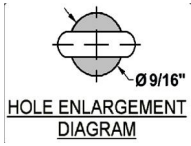
Parts List			
ITEM	QTY	PART NUMBER	DESCRIPTION
1	4	1/2-13 x 1 1/2	CARRIAGE BOLT
2	4	HFN 1213	HEX FLANGE NUT
3	4	CM-SP6	.250 x 1.00 x 3.00" SQUARE HOLE SPACER
4	4	1_2 x 30 FISHWIRE	1/2" x 30" FISHWIRE



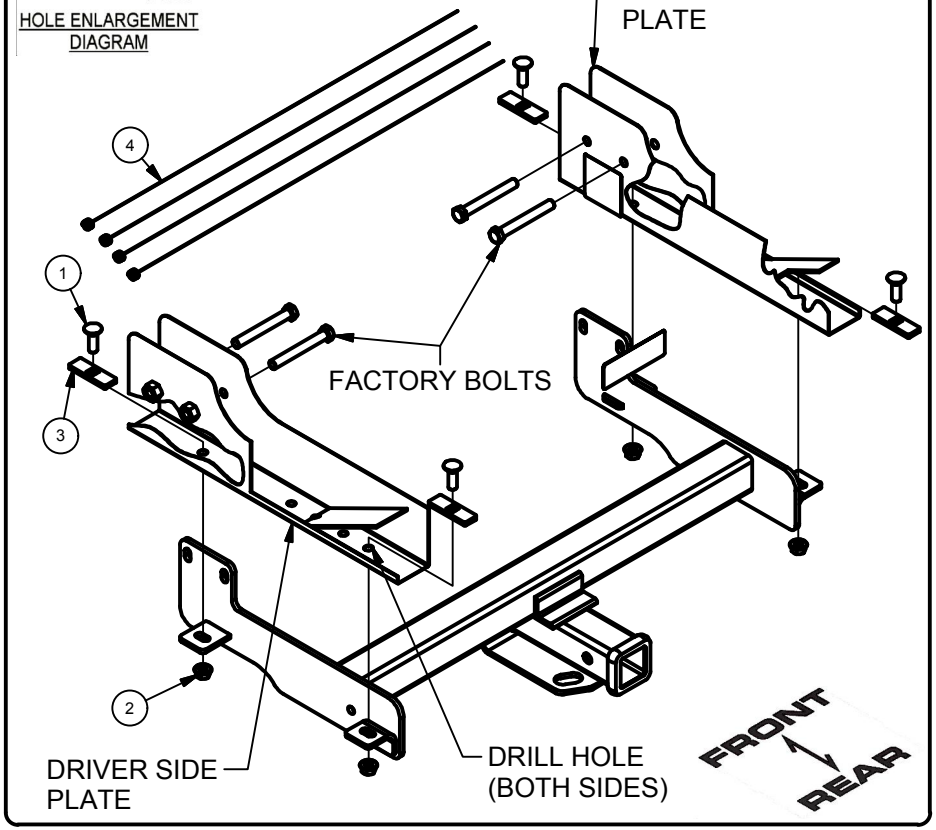
WELDNUT CLEANING

To remove debris from weldnuts in frame, spray lubricant or compressed air into hole. For heavy debris, use a small wire brush. (Be careful not to damage threads).





HOLE ENLARGEMENT DIAGRAM



NOTE: Lower spare tire for eaze of installation.

1. Remove (2) bolts in each frame rail and set aside for install.

3. Fishwire (1) 1/2 bolts and spacers into each bumper frame rail.

Raise hitch into loaction and secure with the factory M12 bolts and (1) 1/2" hex nuts.

INSTALLATION WALKTHROUGH:

2. Drill out the 1/16 hole using 9/16" drill bit in each rear bumper rail.

Fishwire (1) remaining 1/2 bolts and spacers into each bumper frame rail.

Torque M12 bolts to 90 ft-lbs
Torque 1/2" hex nuts to 110 ft-lbs

4. Raise spare tire into location if lowered.

Instalation Complete

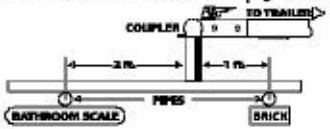
TOWING SAFETY INFORMATION

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.

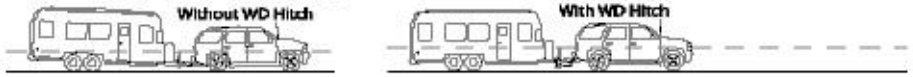


Weight Carrying / WC

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

Weight Distribution / WD

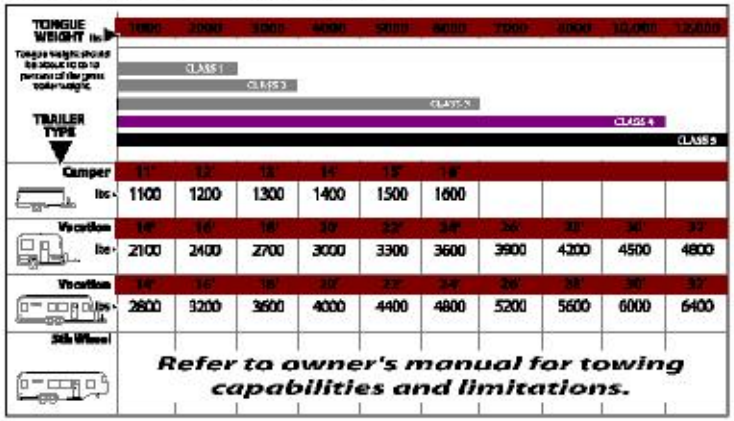
Used to balance the weight of the cargo between the front and rear wheels throughout the trailer, allowing for better steering, braking, and level riding.



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.

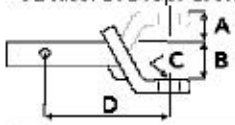
How Much Can You Safely Tow?



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.

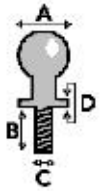
- A: Rise. B: Drop. C: Hole Size. D: Length.



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

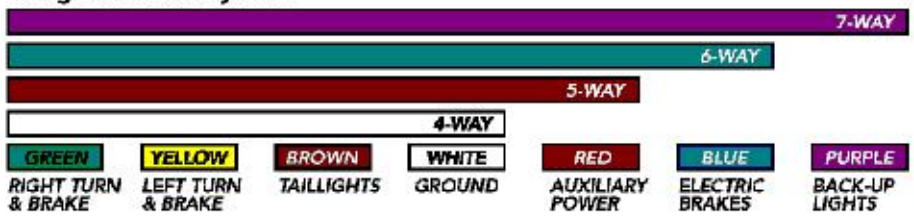
The component that is placed over the trailer ball to connect the vehicle to the trailer. Be sure that the coupler size matches the size of the hitch ball and that the coupler handle is securely fastened. To determine what size hitch ball you need for your application you will need to know the size of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



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

14012 2015 FORD TRANSIT

GROSS LOAD CAPACITY WHEN USED AS A WEIGHT CARRYING HITCH: 8,000 LBS. TRAILER WEIGHT & 800 LBS. TONGUE WEIGHT.
GROSS LOAD CAPACITY WHEN USED AS A WEIGHT DISTRIBUTION HITCH: 10,000 LBS. TRAILER WEIGHT & 1,000 LBS. TONGUE WEIGHT

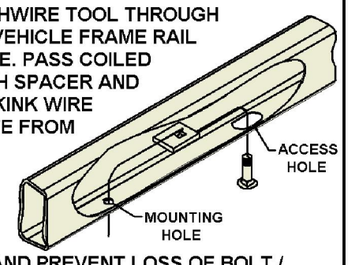
*****DO NOT EXCEED VEHICLE MANUFACTURER'S RECOMMENDED TOWING CAPACITY.*****

Parts List			
ITEM	QTY	PART NUMBER	DESCRIPTION
1	4	1/2-13 x 1 1/2	CARRIAGE BOLT
2	4	HFN 1213	HEX FLANGE NUT
3	4	CM-SP6	.250 x 1.00 x 3.00" SQUARE HOLE SPACER
4	4	1_2 x 30 FISHWIRE	1/2" x 30" FISHWIRE

TOOLS REQUIRED
SAFTEY GLASSES
SPRAY LUBRICANT
WIRE PIPE BRUSH
RATCHET
15mm, 3/4" SOCKET
3" SOCKET EXTENSION
POWER DRILL
9/16" DRILL BIT
TORQUE WRENCH

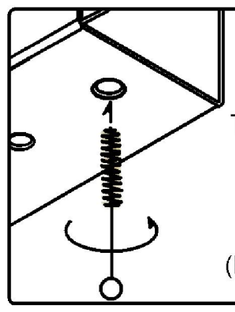
FISHWIRE TECHNIQUE

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 SEPERATE 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.

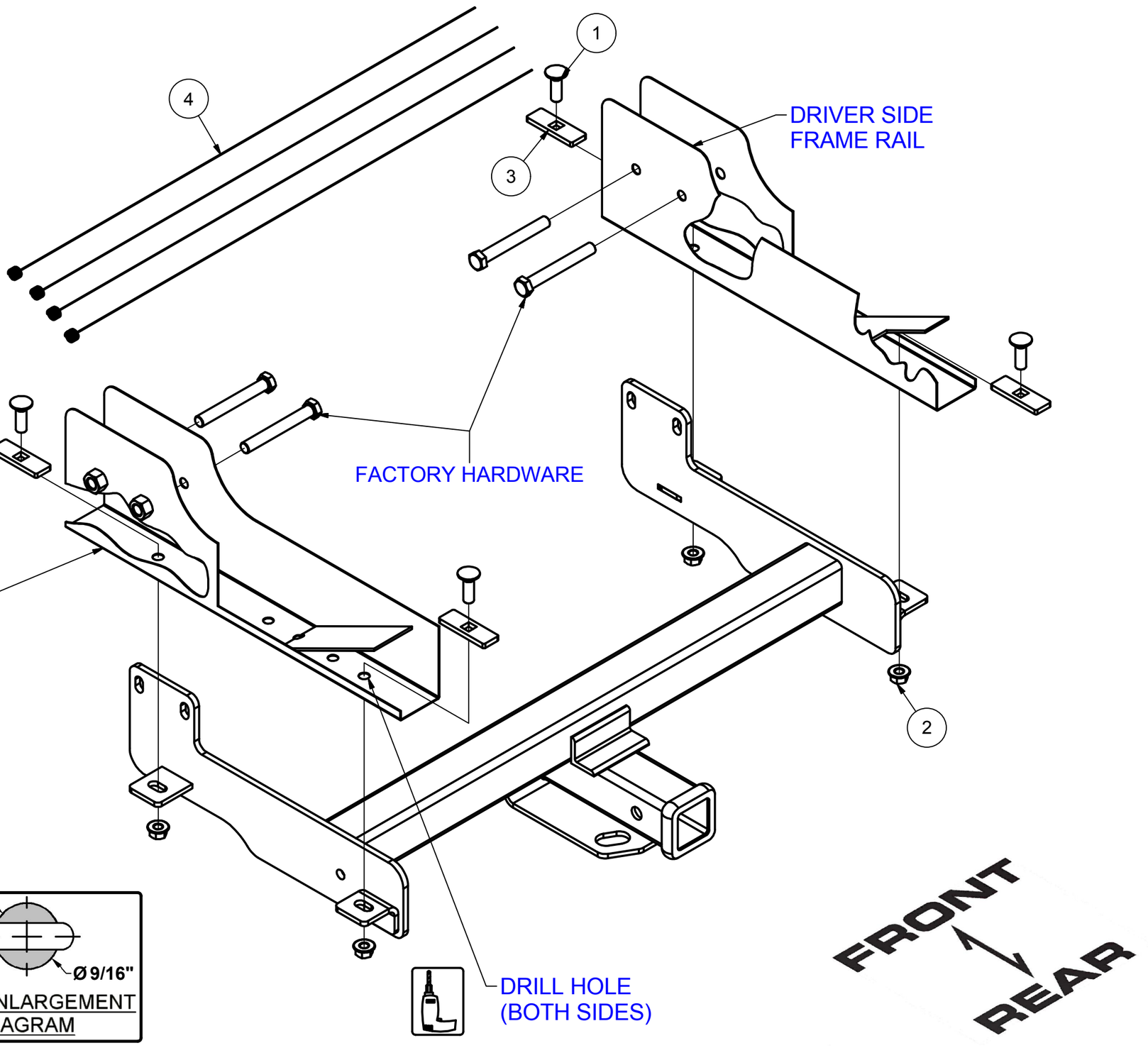


****NOTE: SOME VEHICLES MAY FISHWIRE THROUGH END OF FRAME****

WELDNUT CLEANING



To remove debris from weldnuts in frame, spray lubricant or compressed air into hole. For heavy debris, use a small wire brush. (Be careful not to damage threads).



HITCH WEIGHT: 45 LBS.

INSTALL TIME

PROFESSIONAL: 15 MINUTES

NOVICE (DIY): 30 MINUTES

INSTALL NOTES:

- LOWER SPARE TIRE
- WELDNUT CLEANING
- DRILLING REQUIRED
- FISHWIRE REQUIRED

HOLE ENLARGEMENT DIAGRAM

INSTALLATION STEPS

NOTE: Lower spare tire for ease of installation.

1. Remove (2) bolts in each side frame rail with the M12 socket and set aside for install. Clean frame rail weldnuts as needed with lubricant and brush.

2. Then fishwire (1) 1/2 bolts and spacers into each bumper frame rail. Raise hitch into location, careful not to push bolts back into frame and secure with the factory M12 bolts and the (1) 1/2" hex nut.

3. Drill out the 1/16 hole using 9/16" drill bit in each rear bumper rail. Then fishwire (1) remaining 1/2 bolts and spacers into each bumper frame rail.

Torque M12 bolts to 90 ft-lbs
Torque 1/2" hex nuts to 110 ft-lbs

4. Raise spare tire into original location if lowered for install.

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