



# 13418 INSTALLATION INSTRUCTIONS



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

YEARS: 2019-PRESENT

MAKE: CHEVROLET

MODEL: BLAZER

STYLE: SUV



**WARNING: NEVER EXCEED YOUR VEHICLE MANUFACTURER'S RECOMMENDED TOWING CAPACITY**  
For more information log onto [www.curtmfg.com](http://www.curtmfg.com) & for helpful towing tips log onto [www.hitchinfo.com](http://www.hitchinfo.com)

## WEIGHT CARRYING:

TRAILER WEIGHT: 5,000 LBS.  
TONGUE WEIGHT: 750 LBS.

## WEIGHT DISTRIBUTION:

TRAILER WEIGHT: 6,000 LBS.  
TONGUE WEIGHT: 750 LBS.

PRO INSTALL TIME: 20 MIN.

NOVICE INSTALL TIME: 40 MIN.

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

## INSTALLATION REQUIRES:



RATCHET



TORQUE  
WRENCH



7mm  
3/4"  
SOCKETS



8"  
SOCKET  
EXTENSION



T-15 TORXBIT  
SOCKET



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.
4. NEED HELP OR HAVE SOME QUESTIONS? CALL TECHNICAL SUPPORT AT 800.798.0813

## LEVEL OF DIFFICULTY: EASY

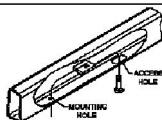
EASY

MODERATE

CHALLENGING



-NO DRILLING



-FISHWIRE HARDWARE



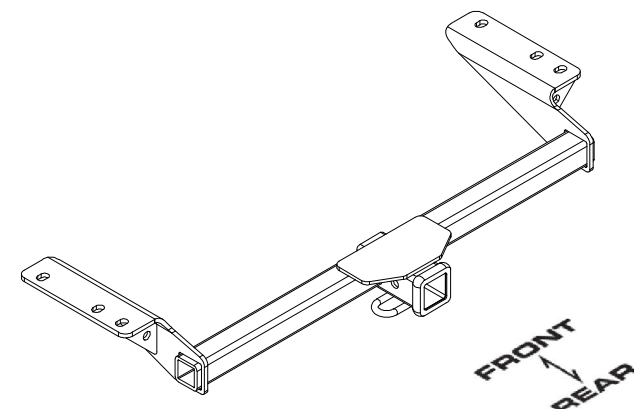
-LOWER EXHAUST

## VEHICLE PHOTO:



REPRESENTATIVE PHOTO

## HITCH ILLUSTRATION:



MAKE SURE YOUR HITCH MATCHES



SCAN FOR  
MORE INFO

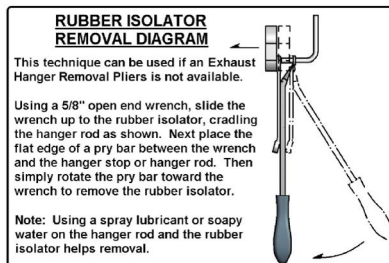
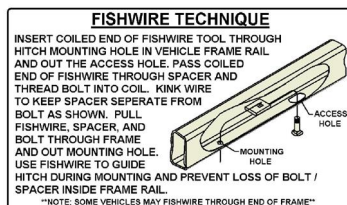
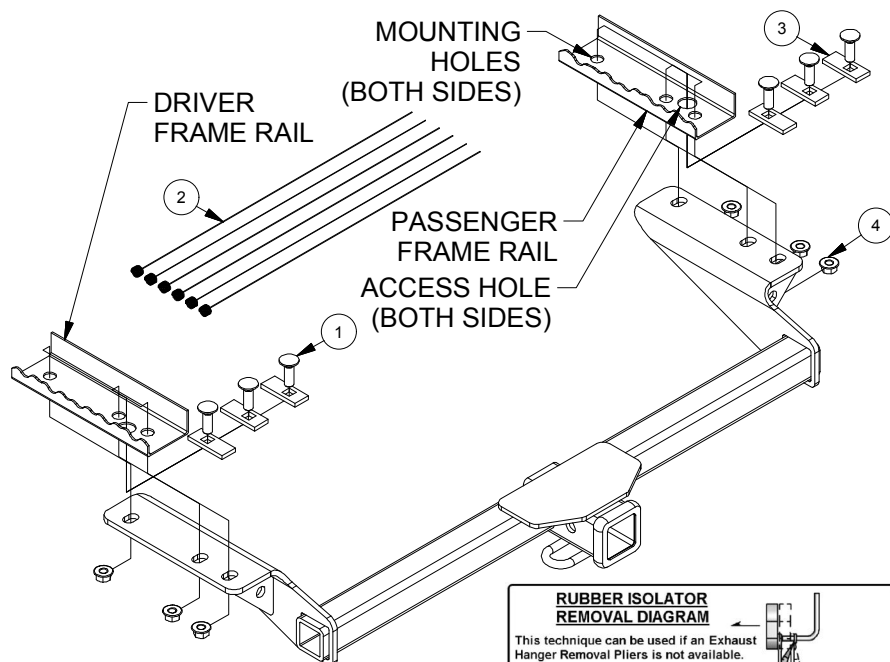
**PERIODICALLY CHECK THIS RECEIVER HITCH TO ENSURE ALL FASTENERS ARE TIGHT AND ALL STRUCTURAL COMPONENTS ARE SOUND**  
CURT Manufacturing LLC. warrants this product to be free of defects in material and/or workmanship at the time of retail purchase by the original purchaser. If the product is found to be defective, CURT Manufacturing LLC. may repair or replace the product at their option, when the product is returned, prepaid, with proof of purchase. Alteration to, misuse of, or improper installation of this product voids the warranty. CURT Manufacturing LLC.'s liability is limited to repair or replacement of products found to be defective, and specifically excludes liability for incidental or consequential loss or damage.  
For more information log onto [www.curtmfg.com](http://www.curtmfg.com) , & for helpful towing tips log onto [www.hitchinfo.com](http://www.hitchinfo.com)

This product complies with safety specifications and requirements for connecting devices and towing systems of the state of New York, V.E.S.C.Regulation V-5 and SAE J684.

3/13/2019

## INSTALLATION WALKTHROUGH:

Parts List				
ITEM	QTY	PART NUMBER	DESCRIPTION	
1	6	1/2-13 x 1 1/2, GR8	CARRIAGE BOLT	
2	6	1_2 FISHWIRE	1/2" FISHWIRE	
3	6	CM-SP10	.250 x 1.00 x 2.50" SQUARE HOLE SPACER	
4	6	HFN 1213, GR8	HEX FLANGE NUT	



1. To unfasten rear vehicle brackets from fascia, use T-15 socket to remove (2) screws. Set screws aside for reinstallation. Lower exhaust by removing (3) hangers. **NOTE:** Support exhaust when lowering to avoid damage.



2. Fishwire (3) CM-SP10 spacers and (3) 1/2" carriage bolts through access hole and out mounting holes on each side of vehicle. (As shown in the Fishwire Technique Diagram) Remove access panel by removing (2) wing nuts. Pull access panel down and away from vehicle. Set aside panel for reinstallation.



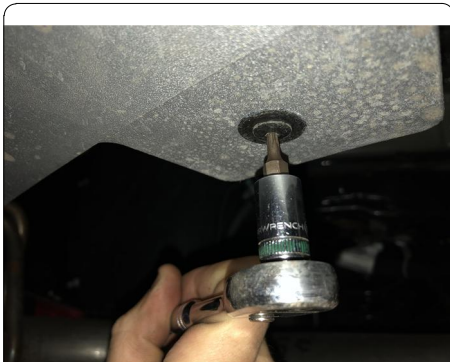
## INSTALLATION WALKTHROUGH:

3. Raise hitch into position and secure with (3) 1/2" flange nuts on each side. Use 3/4" socket and torque all 1/2" hardware to 110 ft-lbs.



INSTALLATION COMPLETE

4. Reinstall vehicle bracket hardware and exhaust system as removed in Step 1. When hitch is not in use reinstall access panel removed in Step 2.



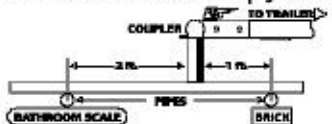
## TOWING SAFETY INFORMATION

**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.**

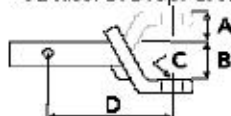
### How Much Can You Safely Tow?

TONGUE WEIGHT		10000	12000	15000	20000	25000	30000	35000	40000	45000
Tongue weight should be about 10 to 15 percent of the gross trailer weight.										
TRAILER TYPE										
Cumper		10'	12'	15'	16'	18'	20'			
	lbs.	1100	1200	1300	1400	1500	1600			
Vacation		14'	16'	18'	20'	22'	24'	26'	30'	32'
	lbs.	2100	2400	2700	3000	3300	3600	3900	4300	4800
Vacation		14'	16'	18'	20'	22'	24'	26'	30'	32'
	lbs.	2800	3200	3600	4000	4400	4800	5200	5600	6400
Site Where										
		<p><b>Refer to owner's manual for towing capabilities and limitations.</b></p>								

### 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.

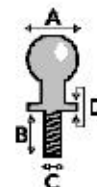
- A: Rise, B: Drop, C: Hole Size, D: Length.



### 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.**

13418

CHEVROLET BLAZER

3/13/2019

GROSS LOAD CAPACITY WHEN USED AS A WEIGHT CARRYING HITCH: 5,000 LBS. TRAILER WEIGHT & 750 LBS. TONGUE WEIGHT.  
GROSS LOAD CAPACITY WHEN USED AS A WEIGHT DISTRIBUTION HITCH: 6,000 LBS. TRAILER WEIGHT & 750 LBS. TONGUE WEIGHT

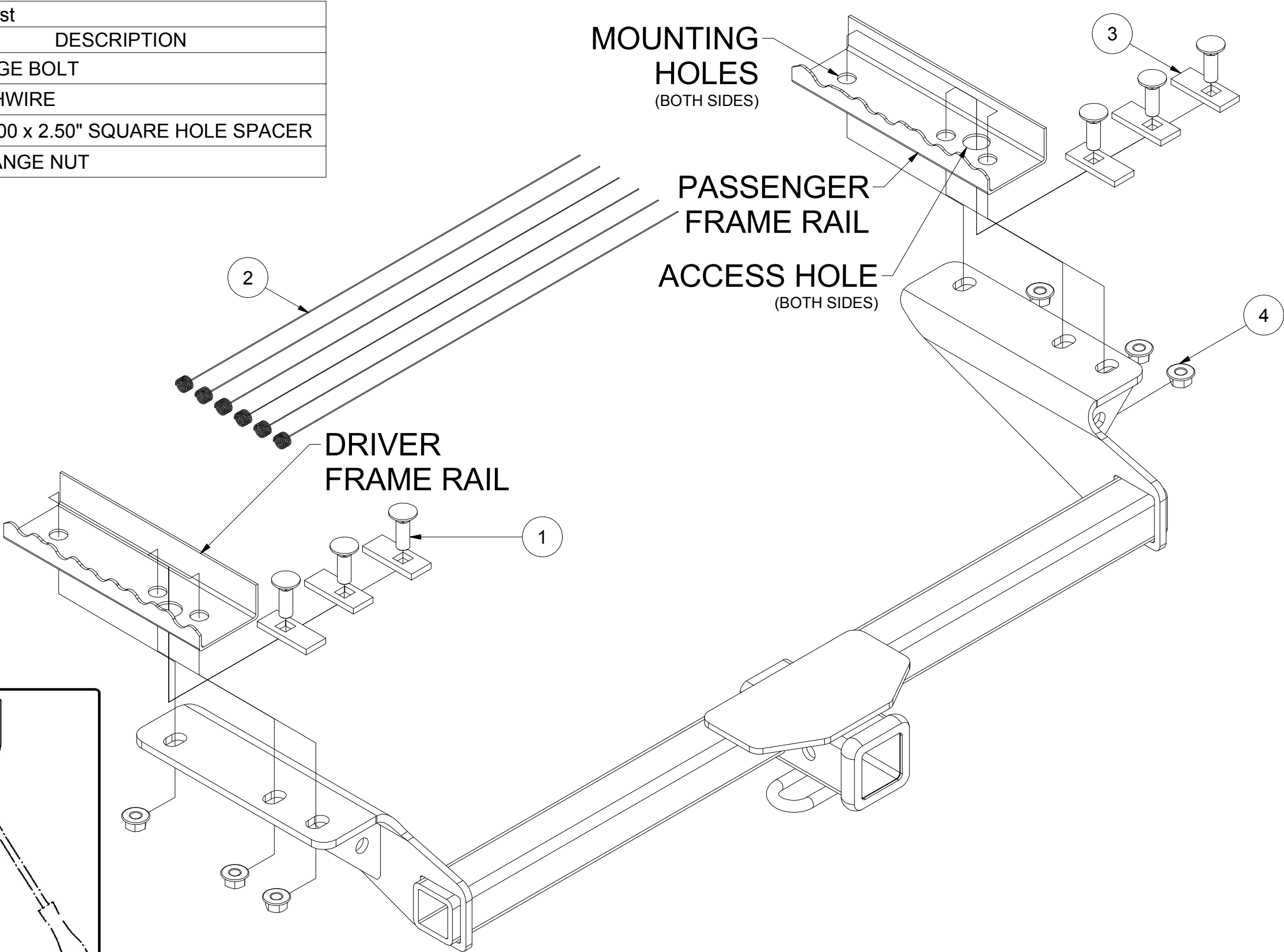


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TOOLS REQUIRED	
RATCHET	
TORQUE WRENCH	
7mm & 3/4" SOCKETS	
T-15 TORXBIT SOCKET	
8" SOCKET EXTENSION	
SAFETY GLASSES	



**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.

HITCH WEIGHT: 38 LBS.

INSTALL TIME

PROFESSIONAL: 20 MINUTES

NOVICE (DIY): 40 MINUTES

INSTALL NOTES:

-NO DRILLING

-FISHWIRE HARDWARE

**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\*\*



INSTALLATION STEPS

1. To unfasten rear vehicle brackets from fascia, use T-15 socket to remove (2) screws. Set screws aside for reinstallation. Lower exhaust by removing (3) hangers. (As shown in the Rubber Isolator Removal Diagram)  
**NOTE:** Support exhaust when lowering to avoid damage.
2. Fishwire (3) CM-SP10 spacers and (3) 1/2" carriage bolts through access hole and out mounting holes on each side of vehicle. (As shown in the Fishwire Technique Diagram)  
Remove access panel by removing (2) wing nuts. Pull access panel down and away from vehicle. Set aside panel for reinstallation.
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Scan for more information

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