

YEARS: 2016-PRESENT

MAKE: CHEVROLET

MODEL: CRUZE

STYLE: SEDAN

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

WEIGHT CARRYING:
 TRAILER WEIGHT: 2,000 LBS.
 TONGUE WEIGHT: 200 LBS.

PRO INSTALL TIME: 25 MIN.
NOVICE INSTALL TIME: 45 MIN.

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



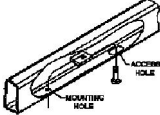


INSTALLATION REQUIRES:

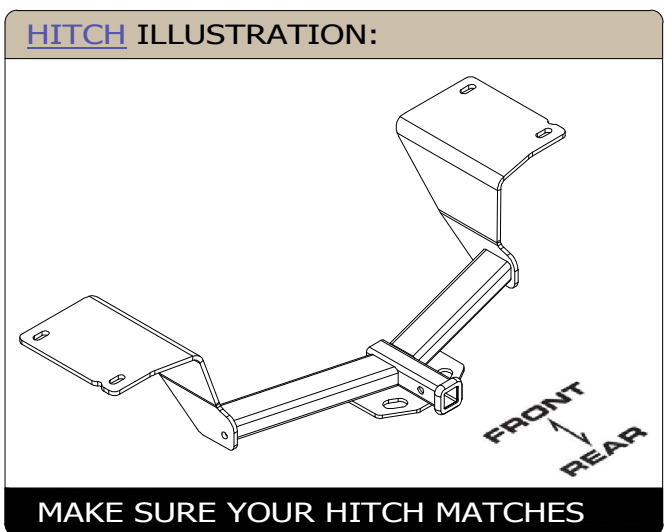
 RATCHET	 TORQUE WRENCH	 10mm 13mm 7/16" 3/4" SOCKETS
 AVIATION SHEARS	 TAPE MEASURE	 SAFETY GLASSES
 MARKER	 PLIERS	

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.

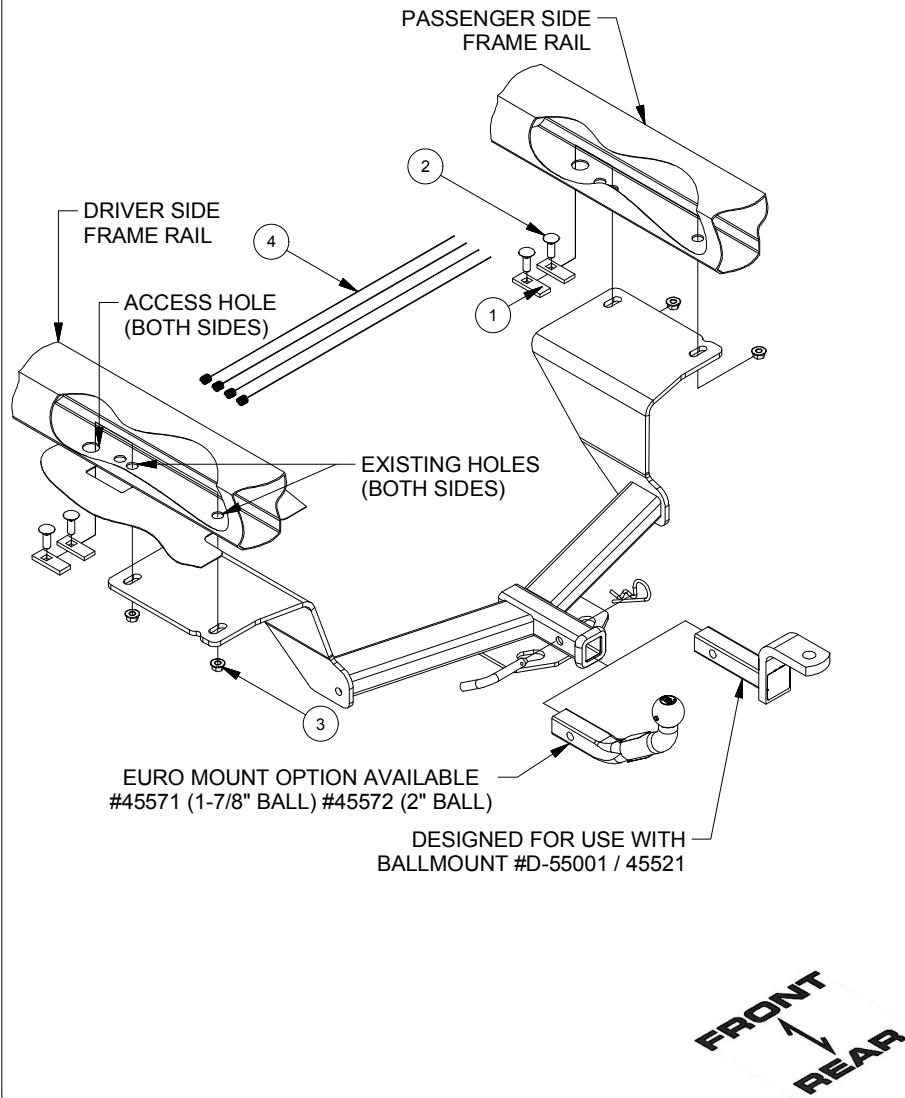
LEVEL OF DIFFICULTY: EASY

EASY	MODERATE	CHALLENGING
	- NO DRILLING	
	- LOWER EXHAUST	
	- FISHWIRE HARDWARE	
	- TRIM HEAT SHIELD (IF PRESENT)	
	- PART REMOVAL	



INSTALLATION WALKTHROUGH:

Parts List			
ITEM	QTY	PART NUMBER	DESCRIPTION
1	4	CM-SP2	.250 x .88 x 2.25" SQUARE HOLE SPACER
2	4	7/16-14 x 1 1/4	CARRIAGE BOLT
3	4	7/16-14	HEX FLANGE NUT
4	4	7_16 FISHWIRE	7/16" FISHWIRE



1. Lower exhaust by removing (2) rubber isolators from the muffler towards the center of the vehicle and by removing the 13mm nut securing the rearmost hanger to the frame. Unclip exhaust bracket from vehicle prior to lowering the exhaust.
NOTE: Exhaust will vary depending on the model.



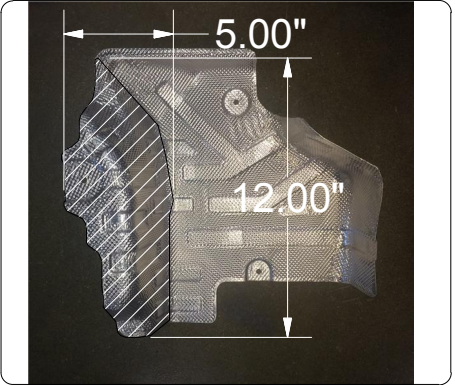
RUBBER ISOLATOR REMOVAL DIAGRAM

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.

2. If a heat shield is present unscrew (3) speed nuts using a pair of needle nose pliers. Trim heat shield using aviation shears and reinstall on vehicle.
NOTE: All dimensions are approximate, confirm prior to trimming.



INSTALLATION WALKTHROUGH:

3. To access passenger side frame rail, remove underbody panel by removing (4) screws using 7mm socket. Also, remove (3) plastic nuts using 10mm socket. Return underbody panel to owner.

NOTE: Underbody panel will vary depending on model.

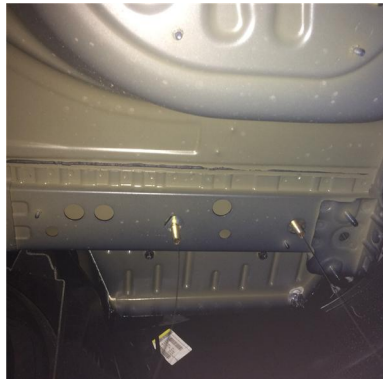
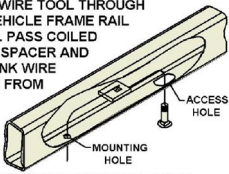


4. Fishwire (2) CM-SP2 spacers and (2) 7/16" carriage bolts through access holes and out mounting holes on each side. Raise hitch into position and secure with (4) 7/16" flange nuts (2) on each side. (As shown in the Fishwire Technique Diagram)

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



5. Torque 7/16" hardware to 70 ft-lbs. Raise exhaust back into position and reinstall rubber isolators as removed in Step 1.



INSTALLATION COMPLETE



TOWING SAFETY INFORMATION

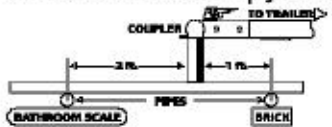
Gross Trailer Weight / GTW

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?

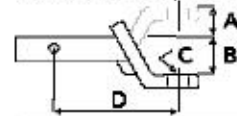
TONGUE WEIGHT (lb.)	1500	2000	2500	3000	3500	4000	4500	5000	5500	6000	6500	7000	7500	8000	8500	9000	9500	10,000	
CLASS 1	CLASS 1																		
CLASS 2	CLASS 2																		
CLASS 3	CLASS 3																		
CLASS 4	CLASS 4																		
CLASS 5	CLASS 5																		
Coupler	11	12	13	14	15	16													
1-1/2" (lb.)	1100	1200	1300	1400	1500	1600													
Weight	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31				
1-1/2" (lb.)	2100	2400	2700	3000	3300	3600	3900	4200	4500	4800									
Weight	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31				
1-1/2" (lb.)	2600	3200	3600	4000	4400	4800	5200	5600	6000	6400									
2-1/2" 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.

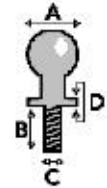
- A: Rise. B: Drop. C: Hole Size. D: Length.



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:



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

11439

CHEVROLET CRUZE

GROSS LOAD CAPACITY WHEN USED AS A WEIGHT CARRYING HITCH: 2,000 LBS. TRAILER WEIGHT & 200 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 *****

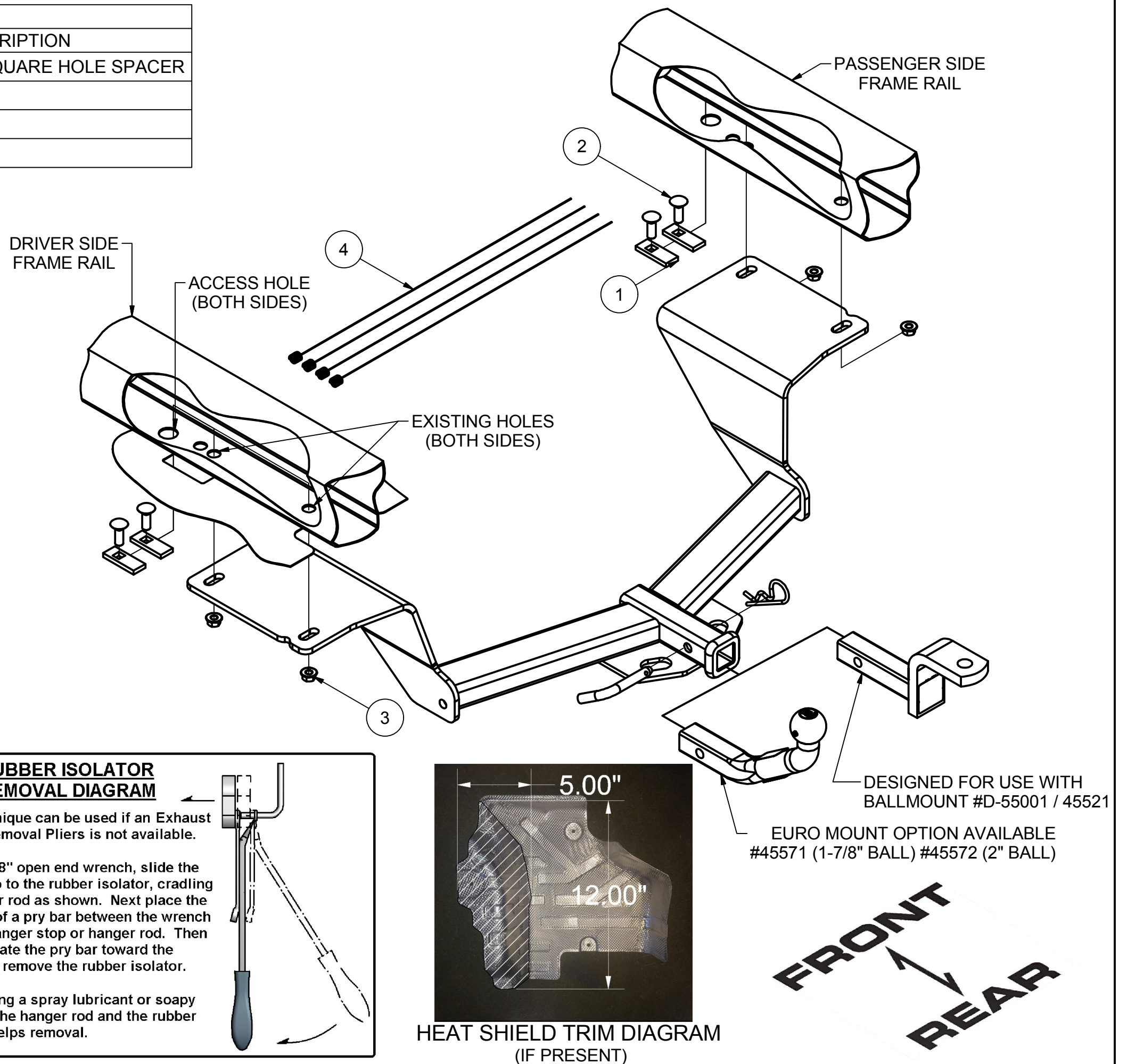


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TOOLS REQUIRED

RATCHET
TORQUE WRENCH
10mm & 13mm SOCKETS
7/16" & 3/4" SOCKETS
AVIATION SHEARS
TAPE MEASURE
SAFETY GLASSES
MARKER
PLIERS

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

HITCH WEIGHT: 27 LBS.

INSTALL TIME

PROFESSIONAL: 25 MINUTES

NOVICE (DIY): 45 MINUTES

INSTALL NOTES:

- NO DRILLING
- LOWER EXHAUST
- FISHWIRE HARDWARE
- TRIM HEAT SHIELD (IF PRESENT)

INSTALLATION STEPS

1. Lower exhaust by removing (2) rubber isolators from the muffler towards the center of the vehicle and by removing the 13mm nut securing the rearmost hanger to the frame. Unclip exhaust bracket from vehicle prior to lowering the exhaust.
NOTE: Exhaust will vary depending on the model.
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5. Torque 7/16" hardware to 70 ft-lbs. Raise exhaust back into position and reinstall rubber isolators as removed in Step 1.
6. Installation complete.

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