

YEARS: 2016

MAKE: CHEVROLET

MODEL: SPARK

STYLE: HATCHBACK

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

**WEIGHT CARRYING:**  
 TRAILER WEIGHT: 2000 LBS.  
 TONGUE WEIGHT: 200 LBS.

**PRO INSTALL TIME: 40 MIN.**  
**NOVICE INSTALL TIME: 80 MIN.**

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

**INSTALLATION REQUIRES:**

<b>PANEL REMOVAL TOOL</b>	<b>7mm 13mm 3/4"</b> <b>SOCKET</b>	<b>RATCHET</b>
<b>TORQUE WRENCH</b>	<b>9"</b> <b>SOCKET EXTENSION</b>	<b>MASKING TAPE</b>
<b>ROTARY TOOL</b>	<b>PHILLIPS HEAD SCREW DRIVER</b>	<b>SAFETY GLASSES</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.

**LEVEL OF DIFFICULTY: MODERATE**

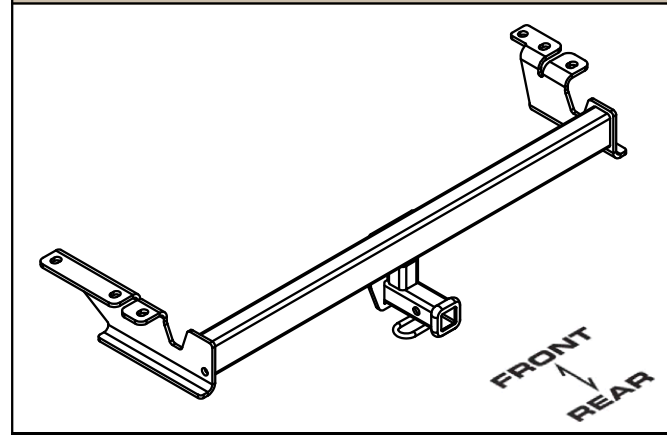
EASY	MODERATE	CHALLENGING
	FISHWIRE HARDWARE	
	REVERSE FISHWIRE HARDWARE	
	ENLARGE ACCESS HOLE	
	TRIMMING REQUIRED	

**VEHICLE PHOTO:**



REPRESENTATIVE PHOTO

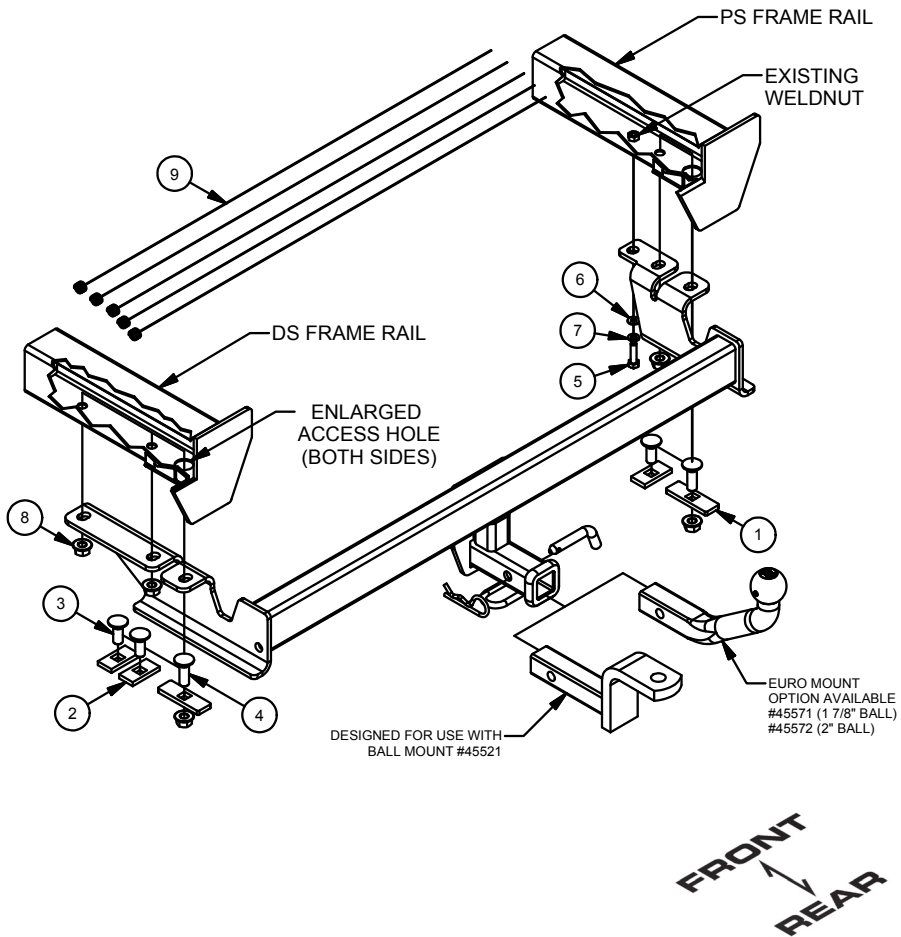
**HITCH ILLUSTRATION:**



MAKE SURE YOUR HITCH MATCHES

# INSTALLATION WALKTHROUGH:

Parts List			
ITEM	QTY	PART NUMBER	DESCRIPTION
1	3	CM-SP12	.250 x 1.00 x 2.00" SQUARE HOLE SPACER
2	2	CM-SP6	.250 x 1.00 x 3.00" SQUARE HOLE SPACER
3	3	1/2-13 x 1 1/4, GR8	CARRIAGE BOLT
4	2	1/2-13 x 1 1/2, GR8	CARRIAGE BOLT
5	1	M8 - 1.25 x 30 HEX BOLT	HEX HEAD BOLT (CLASS 10.9)
6	1	1/4"	WASHER
7	1	5/16"	LOCK WASHER
8	5	HFN 1213, GR8	HEX FLANGE NUT
9	5	1_2 x 30 FISHWIRE	1/2" x 30" FISHWIRE



1. Remove two (2) push button fasteners and two (2) hex bolts from vehicle fascia using a 7mm socket. Save and set aside for reinstall later.



2. Remove one (1) M8 bolt on passenger side frame rail using a 13mm socket. Pull plastic away from frame rail as shown in photo below.

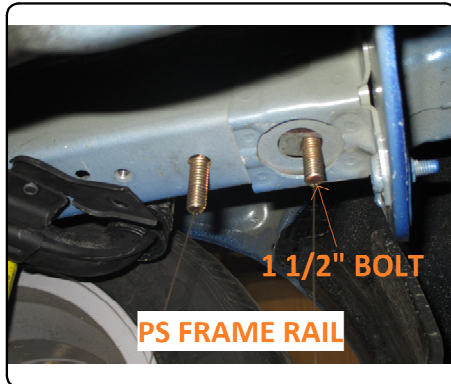
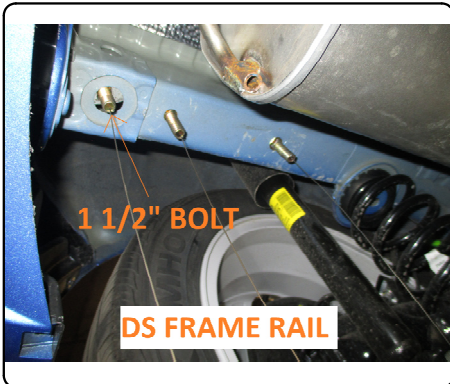


## INSTALLATION WALKTHROUGH:

3. Enlarge rear-most hole on driver and passenger side to dimensions shown on **PAGE 1** to allow 1/2" carriage bolts, CM-SP6, and CM-SP12 to pass into frame rails
4. Using trim diagram below, mark a 4.75" x 2.0" rectangle with masking tape .75" away from edge of driver's side push button. Use this as a guide for trimming. Trim marked area with rotary tool.



5. Using enlarged access holes, fishwire two (2) 1/2"-13 x 1 1/4" bolts and two (2) CM-SP12 into two (2) forward-most holes in driver side frame rail. Fishwire one (1) 1/2"-13 x 1 1/4" bolt and one (1) CM-SP12 in forward-most hole into passenger side frame rail.
6. Reverse fishwire (1) one 1/2"-13 x 1 1/2" and (1) one CM-SP6 into each frame rail using enlarged access hole.



7. Pull fascia down and raise hitch into position by sliding passenger side plate under plastic tab as shown below.
8. Insert one (1) M8-1.25 x 30mm hex bolt with one (1) 5/16" lock washer and one (1) 1/4" flat washer into weld nut where M8 bolt was removed in **STEP 2**. Loosely secure remaining hardware with 1/2"-13 hex flange nuts.



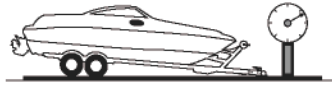
9. Reinstall push button fasteners and hex bolts removed in **STEP 1**.
10. Torque all 1/2" hardware to 110 ft-lbs and all M8 hardware to 22.9 ft-lbs.



## TOWING SAFETY INFORMATION

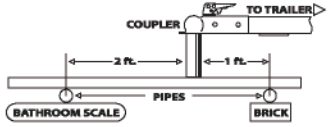
### Gross Trailer Weight / GTW

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?

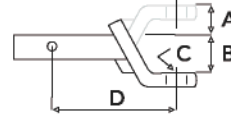
TONGUE WEIGHT lbs	1000	2000	3000	4000	5000	6000	7000	8000	10,000	12,000
Tongue weight should be about 10 to 15 percent of the gross trailer weight.										
TRAILER TYPE	CLASS 1									
	CLASS 2									
	CLASS 3									
	CLASS 4									
	CLASS 5									
<b>Camper</b>	11'	12'	13'	14'	15'	16'			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

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.

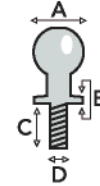
- A: Rise. B: Drop. C: Hole Size. D: Length.



### 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 Dia. C: Shank Length. 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)

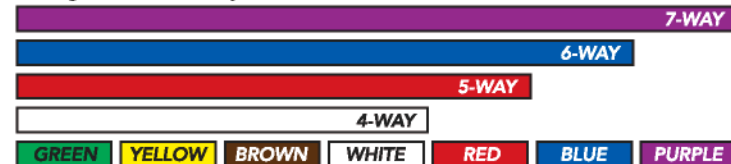
Class 3: 5,000 lbs. (22.2 kN)

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:



GREEN YELLOW BROWN WHITE RED BLUE PURPLE

11433

CHEVROLET SPARK

GROSS LOAD CAPACITY WHEN USED AS A WEIGHT CARRYING HITCH: 2000 LBS. TRAILER WEIGHT & 200 LBS. TONGUE WEIGHT.

WARNING: ALL NON-TRAILER LOADS APPLIED TO THIS PRODUCT MUST BE SUPPORTED BY 18050 STABILIZING STRAPS.

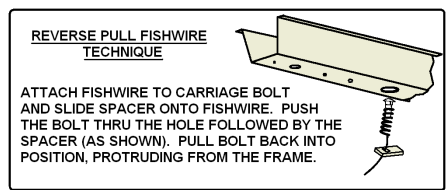
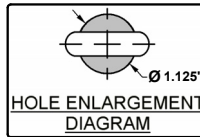


**WARNING: \*\* FAILURE TO PROPERLY SUPPORT NON-TRAILER LOADS WILL VOID PRODUCT WARRANTY \*\***

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



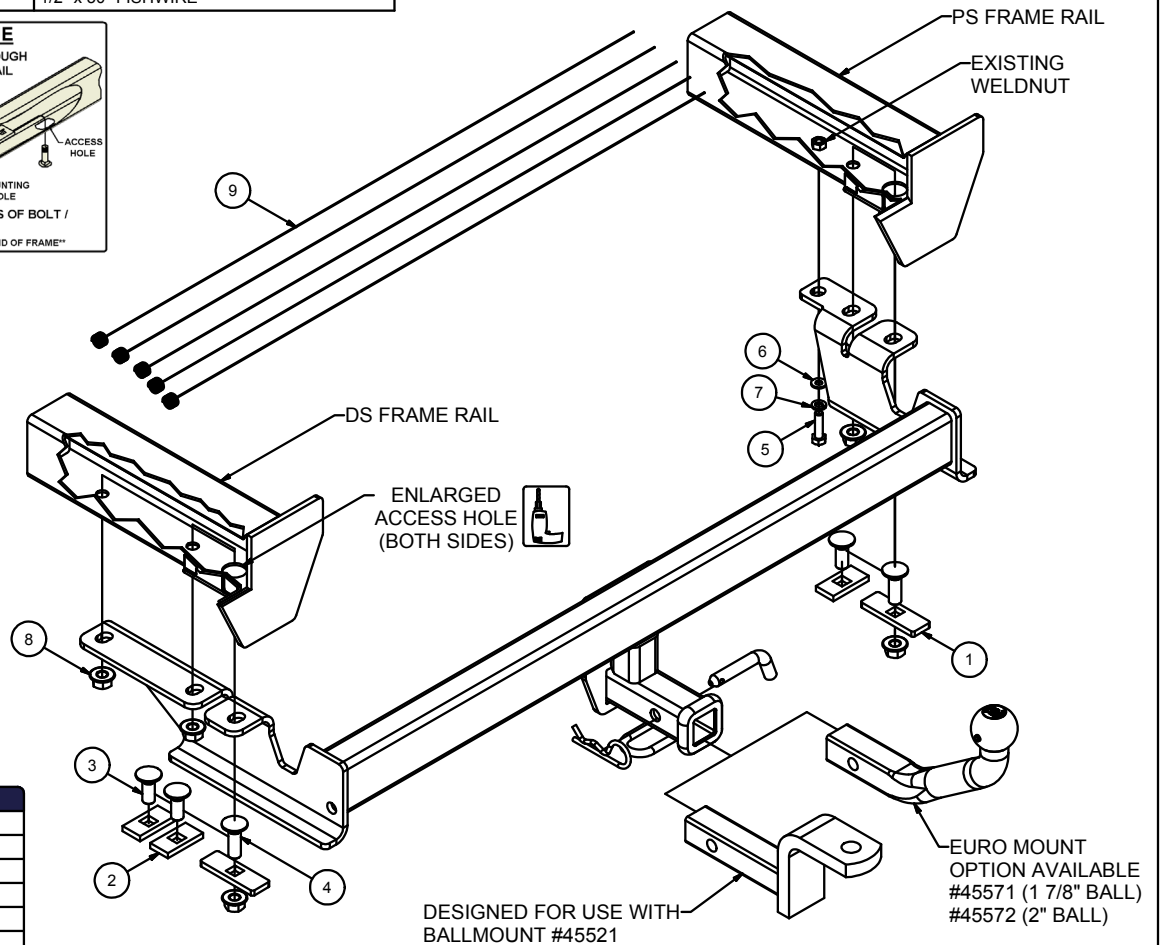
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**FISHWIRE TECHNIQUE**

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\*\*



TOOLS REQUIRED
PANEL REMOVAL TOOL
7mm, 13mm, 3/4" SOCKET
RATCHET
TORQUE WRENCH
9" SOCKET EXTENSION
MASKING TAPE
ROTARY TOOL
PHILLIPS HEAD SCREWDRIVER
SAFETY GLASSES

HITCH WEIGHT: 26 LBS.

INSTALL TIME

PROFESSIONAL: 40 MINUTES

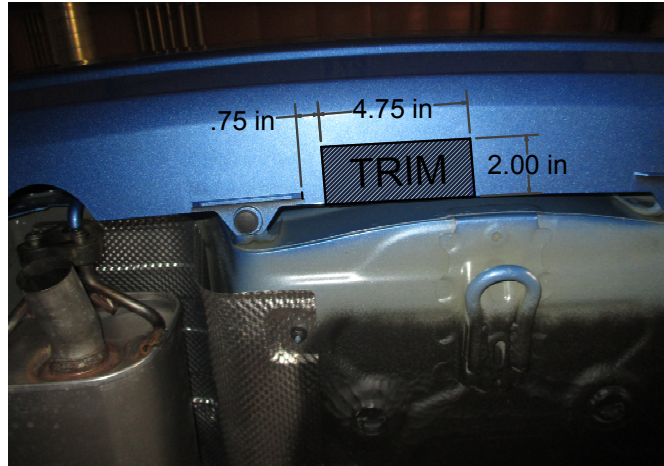
NOVICE (DIY): 80 MINUTES

INSTALL NOTES:

- FISHWIRE HARDWARE
- REVERSE FISHWIRE HARDWARE
- ENLARGE ACCESS HOLE
- TRIMMING REQUIRED



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



### **INSTALLATION STEPS**

1. Remove two (2) push button fasteners and two (2) hex bolts from vehicle fascia using a 7mm socket. Save and set aside for reinstall later.
2. Remove one (1) M8 bolt on passenger side frame rail using a 13mm socket. Pull plastic away from frame rail to allow hitch side plate to slide into place.
3. Enlarge rear-most hole on driver and passenger side frame rail to allow 1/2" carriage bolts, CM-SP6, and CM-SP12 to pass into frame rails.
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