



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

YEARS: 2011

MAKE: MITSUBISHI

MODEL: OUTLANDER SPORT/RVR

STYLE: CROSSOVER

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

**WARNING:**  
 ALL NON-TRAILER (WHEEL-LESS) LOADS APPLIED TO THIS PRODUCT MUST BE SUPPORTED BY 18050 STABILIZING STRAPS. PLEASE SEE THE CURT CATALOG OR VISIT US ONLINE AT [WWW.CURTMFG.COM](http://WWW.CURTMFG.COM) FOR FURTHER INFORMATION.

**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.

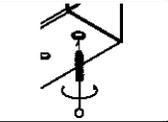
**INSTALLATION REQUIRES:**

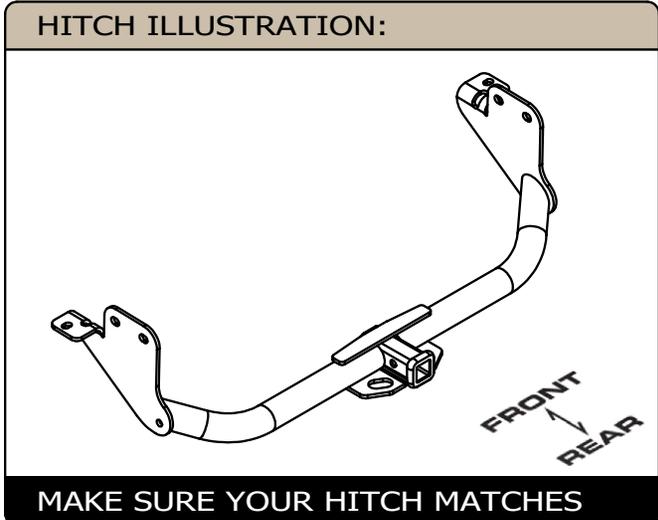
 <b>TORQUE WRENCH</b>	 <b>RATCHET</b>	 <b>14mm 17mm 19mm 3/4"</b> <b>SOCKET</b>
 <b>6"</b> <b>SOCKET EXTENSION</b>	 <b>AVIATION SHEARS</b>	 <b>ROTARY TOOL</b>

**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.
- NEED HELP OR HAVE SOME QUESTIONS? CALL TECHNICAL SUPPORT AT 877.287.8634

**LEVEL OF DIFFICULTY: EASY**

EASY	MODERATE	CHALLENGING
	- NO DRILLING REQUIRED	
	- TOW LOOP REMOVAL	
	- MAY NEED WELDNUT CLEANING	
	2020 MY - LOWER FASCIA	

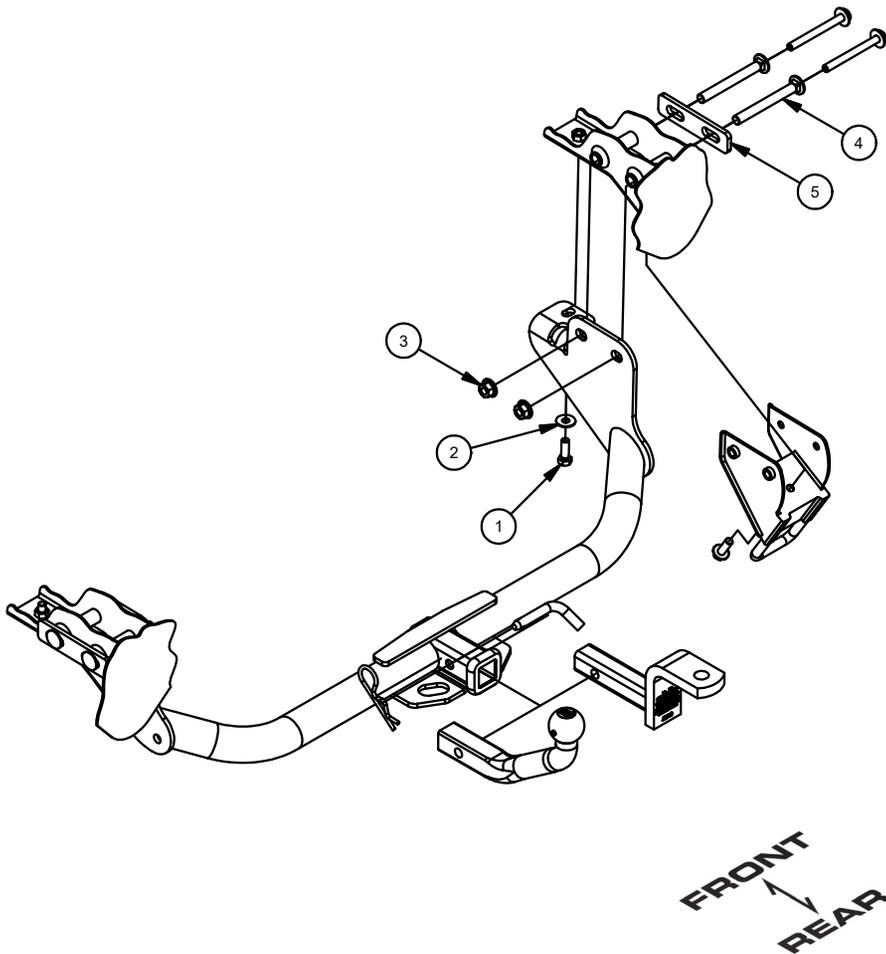


SCAN FOR MORE INFO

**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)  
 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.

## INSTALLATION WALKTHROUGH:

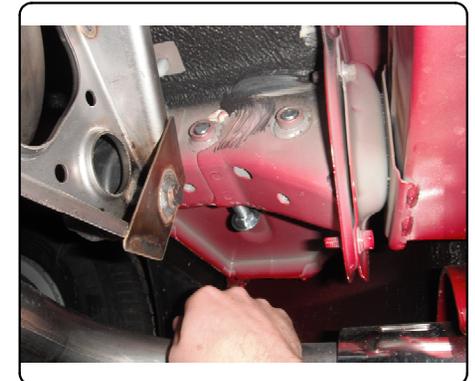
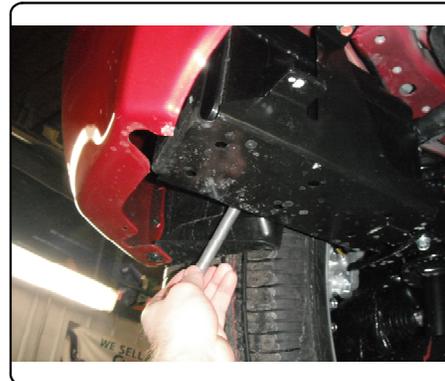
Parts List			
ITEM	QTY	PART NUMBER	DESCRIPTION
1	2	10-10373	HHCS,M10X1.25,25,CL10.9,YZ
2	2	30-00148	WASHER,S-CON,3/8,YZ
3	4	20-00062	NUT, SER-FLANGE,1/2-13 UNC,GRD8,YZ
4	4	10-10297	BOLT, CAR,1/2-13 UNC,4-1/2,GRD8,YZ
5	2	CM-12048-SP	.250" SPACER PLATE



1. Remove (3) bolts and tow loop from the passenger side frame rail. Return bolts and tow loop to owner.

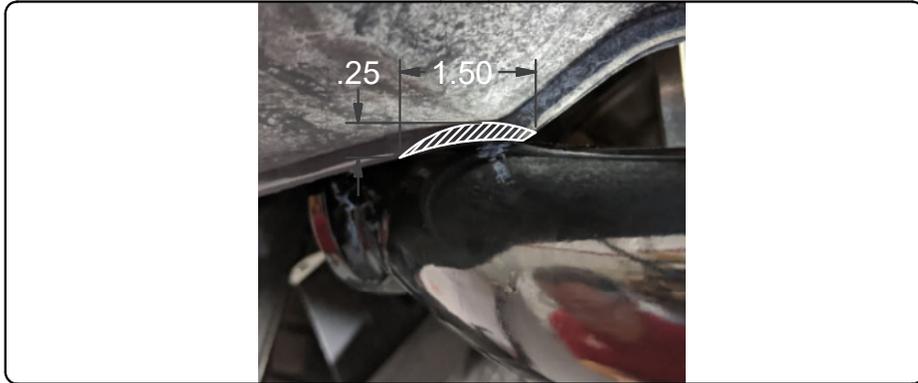


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2. Insert 1/2-13 x 4 1/2" carriage bolts and CM-12048-SP spacers through the existing holes in the side of the frame rails. After bolts are inserted push them back so the end is flush with the inside of the frame rails. Temporary lowering of the charcoal canister on the driver side will ease installation.

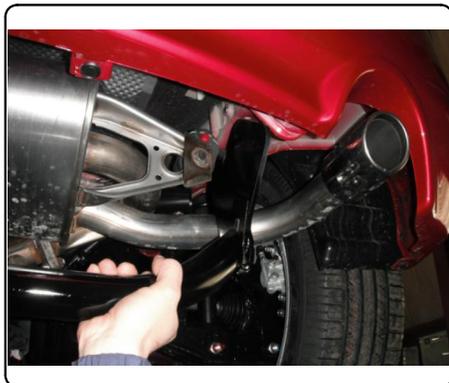


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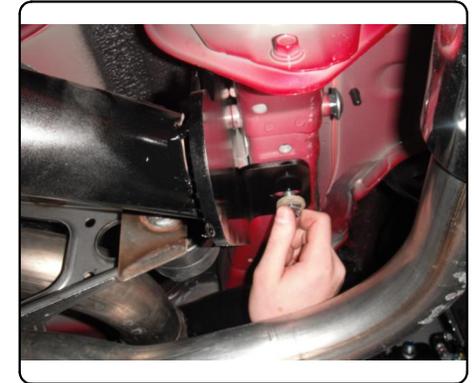
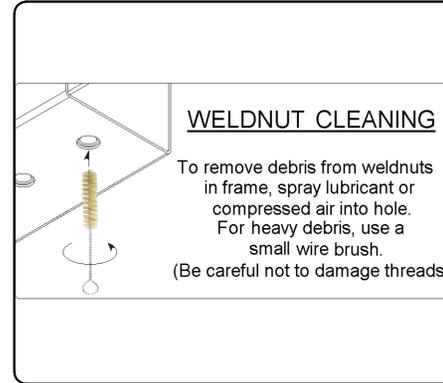
3. **Note:** On 2020 or newer model years, fascia trimming may be required. Using a dremel tool or aviation shears, trim the fascia as shown in the trim diagram on both driver and passenger side of vehicle. Dimensions are approximate, trim as required.



4. Raise the hitch into position and slide the bolts in the side of the frame rails through the hole in the hitch. Loosely secure hitch with 1/2" hex flange nuts. **Note:** The carriage bolts should sit flat on the spacers. **Note:** For ease of installation raise the driver side into position first, then raise the passenger side.

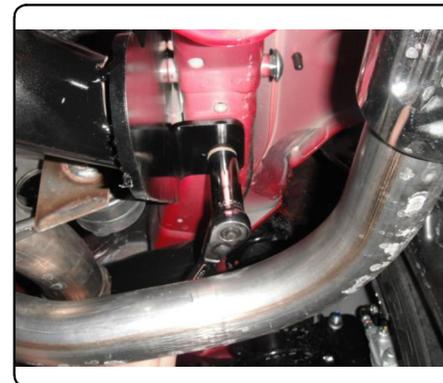


5. Align the bottom tabs of the hitch with the weldnuts in the frame rails and secure with M10-1.25 x 25mm bolts and 3/8" conical toothed washers.



6. Reinstall charcoal canister removed in step 2.  
7. Torque all 10mm hardware to 48 ft-lbs.  
Torque all 1/2" hardware to 110 ft-lbs.

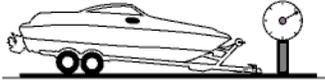
**Install Complete.**



## TOWING SAFETY INFORMATION

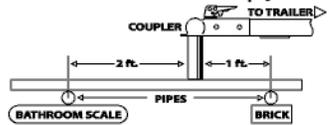
### Gross Trailer Weight / GTW

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?

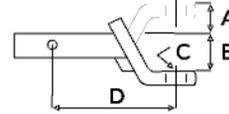
TONGUE WEIGHT (lb)	1000	2000	3000	4000	5000	6000	7000	8000	10,000	12,000
Tongue weight should be about 10 to 15 percent of the gross trailer weight.										
CLASS 1										
CLASS 2										
CLASS 3										
CLASS 4										
CLASS 5										
TRAILER TYPE										
Camper	11'	12'	13'	14'	15'	16'				
lbs.	1100	1200	1300	1400	1500	1600				
Vacation	18'	19'	20'	21'	22'	24'	26'	28'	30'	32'
lbs.	2100	2400	2700	3000	3300	3600	3900	4200	4500	4800
Vacation	18'	19'	20'	21'	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.

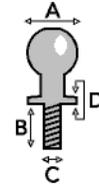
- A: Rise. B: Drop. C: Hole Size. D: Length.



### 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)

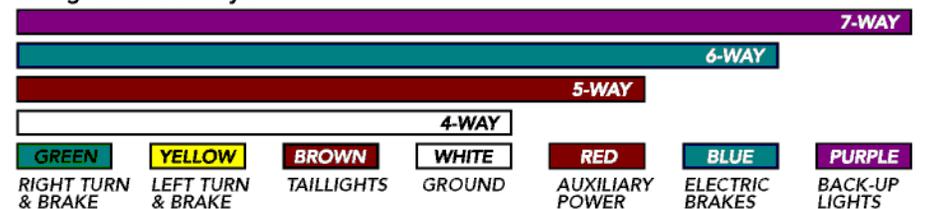
Class 3: 5,000 lbs. (22.2 kN)

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:



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

12048

MITSUBISHI OUTLANDER SPORT/RVR

9/9/2020

GROSS LOAD CAPACITY WHEN USED AS A WEIGHT CARRYING HITCH: 3,500 LBS. TRAILER WEIGHT & 350 LBS. TONGUE WEIGHT.

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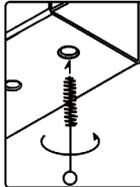
WARNING: \*\* FAILURE TO PROPERLY SUPPORT NON-TRAILER LOADS WILL VOID PRODUCT WARRANTY \*\*

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



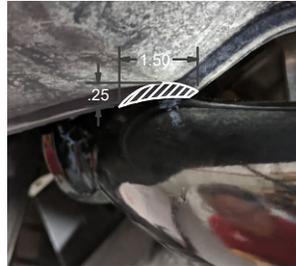
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WELDNUT CLEANING

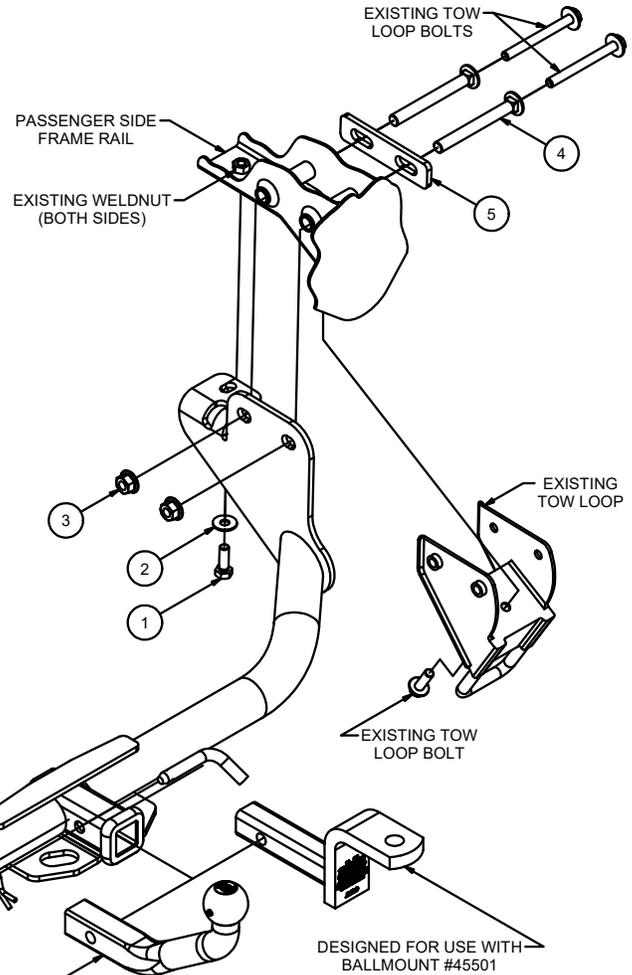
To remove debris from weldnuts in frame, spray lubricant or compressed air into hole. For heavy debris, use a small wire brush. (Be careful not to damage threads).



TRIM DIAGRAM



TOOLS REQUIRED	
TORQUE WRENCH	
RATCHET	
14mm SOCKET	
17mm SOCKET	
19mm SOCKET	
3/4" SOCKET	
6" EXTENSION	
AVIATION SHEAR	
ROTARY TOOL	



DRIVER SIDE FRAME RAIL

DESIGNED FOR USE WITH BALLMOUNT #45501

EURO MOUNT OPTION AVAILABLE #45571 (1-7/8" BALL) #45572 (2" BALL)

HITCH WEIGHT: 28 LBS.

INSTALL TIME

PROFESSIONAL: 15 MINUTES

NOVICE (DIY): 30 MINUTES

INSTALL NOTES:

- NO DRILLING REQUIRED
- TOW LOOP REMOVAL
- TRIMMING REQ ON 2020 MY

INSTALLATION STEPS

1. Remove (3) bolts and tow loop from the passenger side frame rail. Return bolts and tow loop to owner.
2. Insert 1/2-13 X 4 1/2" carriage bolts and CM-12048-SP spacers through the existing holes in the side of the frame rails, as shown. After bolts are inserted push them back so the end is flush with the inside of the frame rails. **Note:** On the driver side you will have to reach between the bumper cover and rear wheel well to access the holes in the side of the frame rail. Temporary lowering of the charcoal canister on the driver side will ease installation.
3. **Note:** On 2020 or newer model years, fascia trimming may be required. Using a dremel tool or aviation shears, trim the fascia as shown in the trim diagram on both driver and passenger side of vehicle.
4. Raise the hitch into position and slide the bolts in the side of the frame rails through the holes in the hitch. Loosely secure hitch with 1/2" hex flange nut. **Note:** The carriage bolts should sit flat on the spacers. **Note:** For ease of installation raise the driver side into position first, then raise the passenger side.
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Torque all 1/2" hardware to 110 ft-lbs.

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