

### 11524 INSTALLATION INSTRUCTIONS

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

**YEARS: 2016-PRESENT** 

**MAKE: MINI COOPER** 

**MODEL: CLUBMAN** 

**STYLE: WAGON** 



WARNING: NEVER EXCEED YOUR VEHICLE MANUFACTURER'S RECOMMENDED TOWING CAPACITY
For more information log onto www.curtmfg.com & for helpful towing tips log onto www.hitchinfo.com

**WEIGHT CARRYING:** 

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

WARNING

WE RECOMMEND THE USE OF 18050 STABILIZING STRAPS FOR ALL NON-TRAILER (WHEEL-LESS) LOADS. PLEASE SEE THE CURT CATALOG OR VISIT US ONLINE AT WWW.CURTMFG.COM FOR FURTHER INFORMATION.

# PRO INSTALL TIME: **90 MIN.**NOVICE INSTALL TIME: **180 MIN.**

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

### **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

## **INSTALLATION REQUIRES: TORQUE** SOCKET **RATCHET WRENCH EXTENSION** 8mm 10mm **18mm** T-25 TORXBIT **SOCKETS PRY BAR AVIATION SAFETY SHEARS GLASSES**

#### LEVEL OF DIFFICULTY: CHALLENGING

EASY

**MODERATE** 

CHALLENGING



NO DRILLING REQUIRED



TEMPORARILY REMOVE BUMPER AND REAR FASCIA



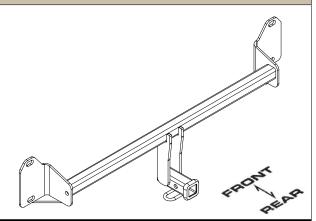
HEATSHIELD TRIM REQUIRED

### VEHICLE PHOTO:



REPRESENTATIVE PHOTO

### HITCH ILLUSTRATION:



MAKE SURE YOUR HITCH MATCHES



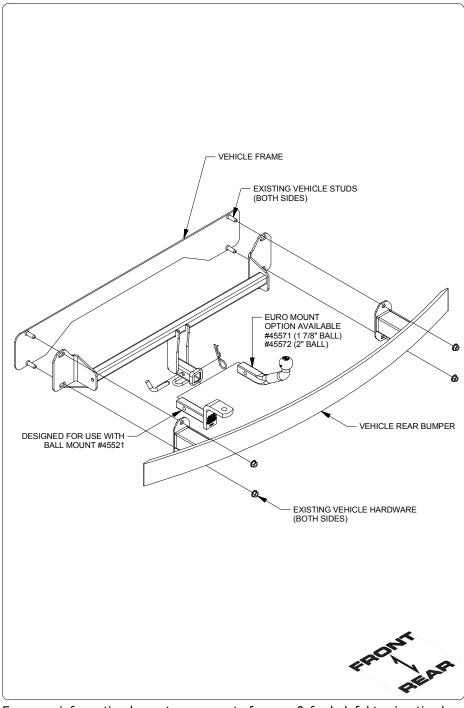
PERIODICALLY CHECK THIS RECEIVER HITCH TO ENSURE ALL FASTENERS ARE TIGHT AND ALL STRUCTURAL COMPONENTS ARE SOUND

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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.

9/25/2017

### **INSTALLATION WALKTHROUGH:**

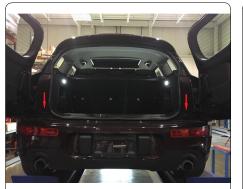


1. Locate in wheel well and remove (1) screw on each side, and (8) screws on bottom of rear fascia using a 8mm socket.





2. Open rear hatch doors to locate and remove(2) push pins using a pry tool.





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#### INSTALLATION WALKTHROUGH:

3. Unclip plastic wheel well trim to expose and unclip electrical harness. Locate and remove (1) screw on each side using T-25 socket.





4. Carefully unclip rear fascia, starting from outside working towards the center of the vehicle. Unclip electrical harness from bumper cover if present.





5. Remove rear bumper beam from vehicle by removing (2) nuts on each side using 18mm socket.

**NOTE:** If hands free split rear doors present remove (2) fasteners and unclip from vehicle.

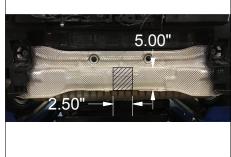




6. Trim heatshield using aviation shears. Use trim diagram as a reference.

**NOTE:** All dimensions are approximate, confirm fit prior to trimming.





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#### **INSTALLATION WALKTHROUGH:**

7. Raise hitch into position using studs to align, reinstall rear bemper beam over hitch and secure using existing vehicle hardware.





- 8. Torque all M12 hardware to 86 ft-lbs.
- 9. Reinstall vehicle components removed using steps 1-6 in reverse order.





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#### TOWING SAFETY INFORMATION

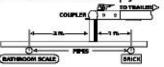
#### Gross Trailer Weight / GTW

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.

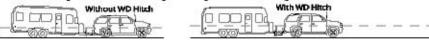


#### Weight Carrying / WC

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

#### Weight Distribution / WD

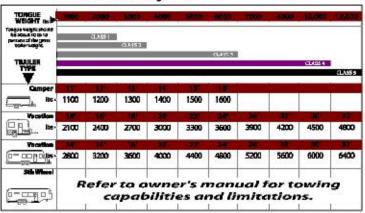
Used to balance the weight of the cargo between the front and rear wheels throughout the trailer, allowing for better steering, braking, and level riding.



#### 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.

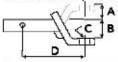
### How Much Can You Safely Tow?



#### 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.

# 11524

# MINI COOPER CLUBMAN

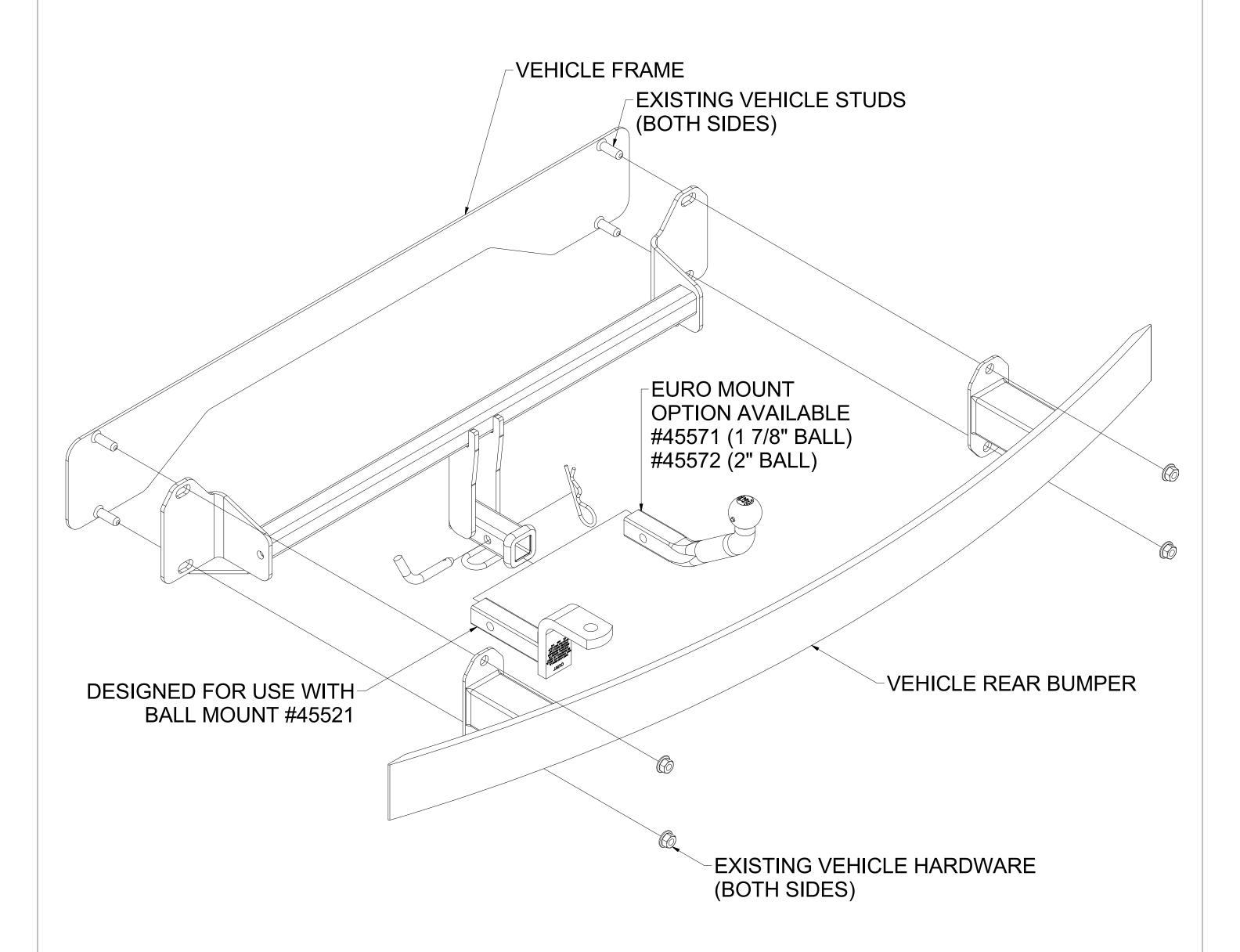
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GROSS LOAD CAPACITY WHEN USED AS A WEIGHT CARRYING HITCH: 2,000 LBS. TRAILER WEIGHT & 200 LBS. TONGUE WEIGHT.

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HITCH WEIGHT: 24 LBS.

**INSTALL TIME** 

PROFESSIONAL: 180 MINUTES

NOVICE (DIY): 90 MINUTES

INSTALL NOTES:

-NO DRILLING REQUIRED

-TEMPORARILY REMOVE BUMPER

AND REAR FASCIA
-HEATSHIELD TRIM REQUIRED

ERONT

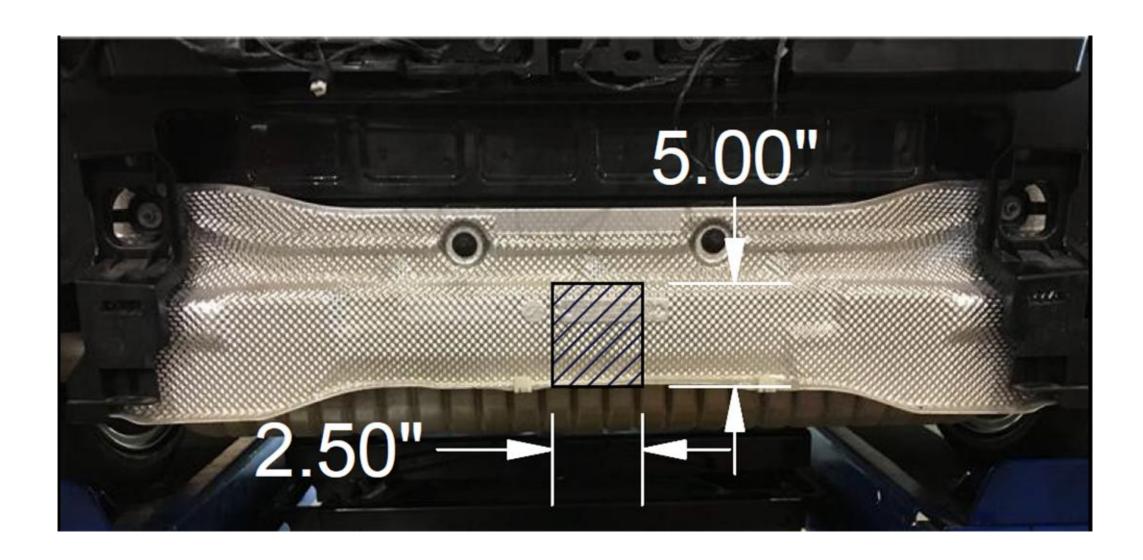


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# TRIM DIAGRAM

## **INSTALLATION STEPS**

- 1. Locate in wheel well and remove (1) screw on each side, and (8) screws on bottom of rear fascia using a 8mm socket.
- 2. Open rear hatch doors to locate and remove (2) push pins using a pry tool.
- 3. Unclip plastic wheel well trim to expose and unclip electrical harness. Locate and remove (1) screw on each side using T25 socket.
- 4. Carefully unclip rear fascia, starting from outside working towards the center of the vehicle. Unclip electrical harness from bumper cover if present.
- 5. Remove rear bumper beam from vehicle by removing (2) nuts on each side using 18mm socket.

  NOTE: If hands free split rear doors are present remove (2) fasteners and unclip from vehicle.
- 6. Trim heatshield using aviation shears. Use trim diagram as a reference. **NOTE:** All dimensions are apporximate, confirm fit prior to trimming.
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