

YEARS: 2016-PRESENT

MAKE: MERCEDES

MODEL: GLC 300

STYLE: SUV

**WEIGHT CARRYING:**  
 TRAILER WEIGHT: 6,000 LBS.  
 TONGUE WEIGHT: 900 LBS.

**PRO INSTALL TIME: 45 MIN.**  
**NOVICE INSTALL TIME: 90 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>8" SOCKET EXTENSION</b>
<b>SOCKETS</b>	<b>T40 TORXBIT E12 SOCKETS</b>	<b>SCREW DRIVER</b>
<b>AVIATION SHEARS</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**

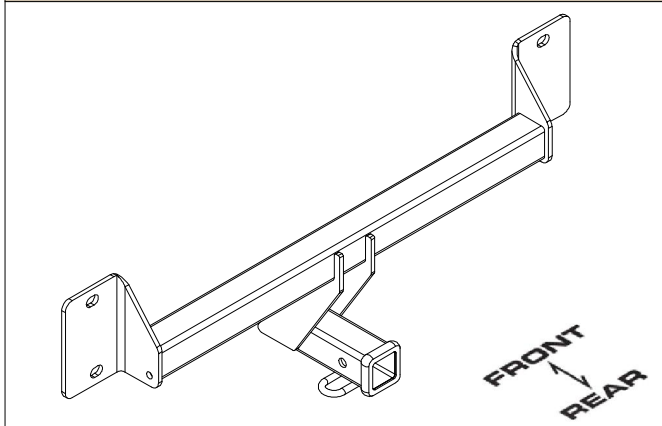
EASY	MODERATE	CHALLENGING
<b>PART REMOVAL</b>	<b>TEMPORARILY REMOVE HEAT SHIELD &amp; LOWER FASCIA</b>	
	<b>NO DRILLING REQUIRED</b>	
	<b>LOWER EXHAUST</b>	
	<b>EXHAUST HEAT SHIELD TRIMMING REQUIRED</b>	

**VEHICLE PHOTO:**



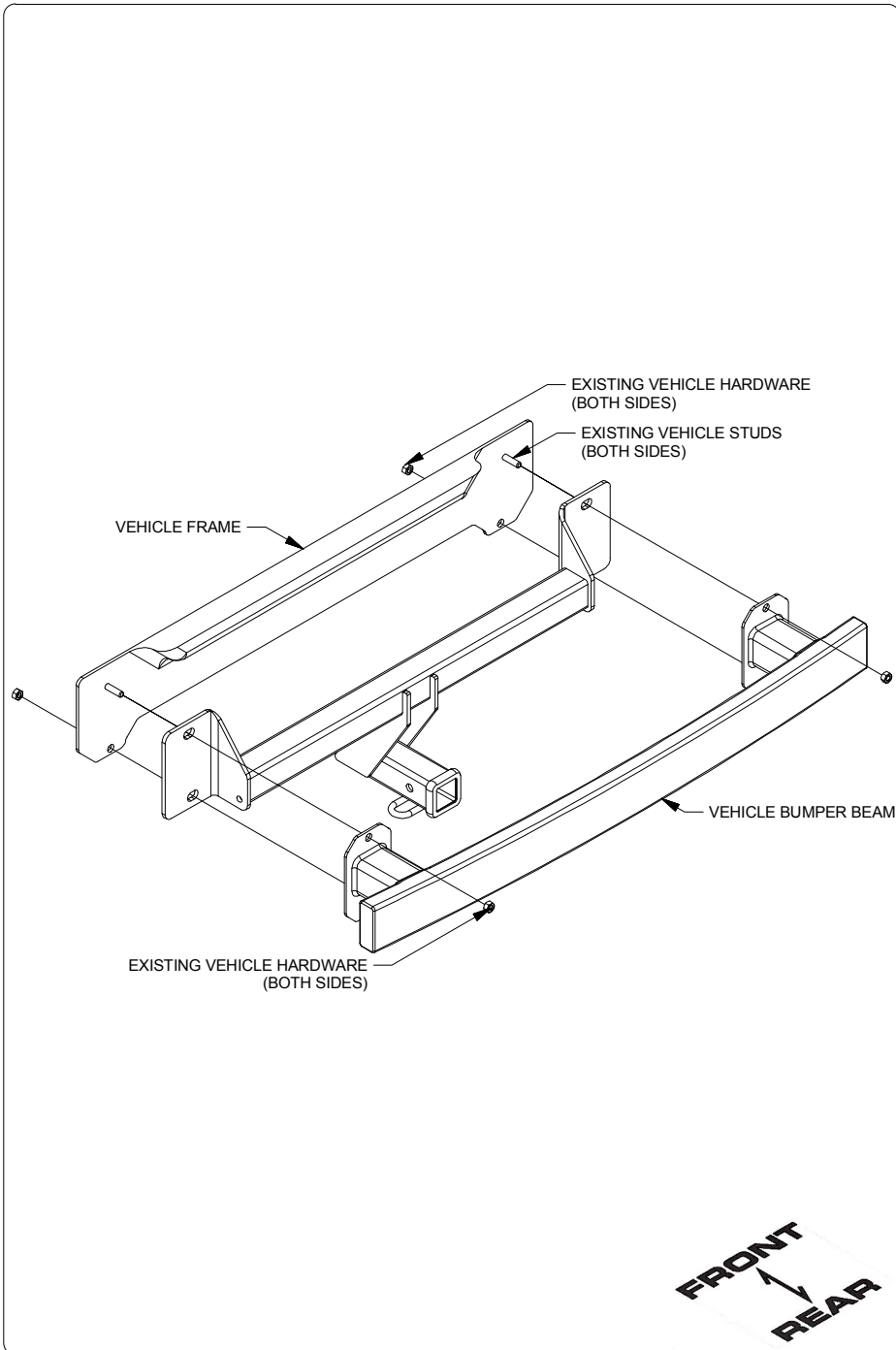
**REPRESENTATIVE PHOTO**

**HITCH ILLUSTRATION:**

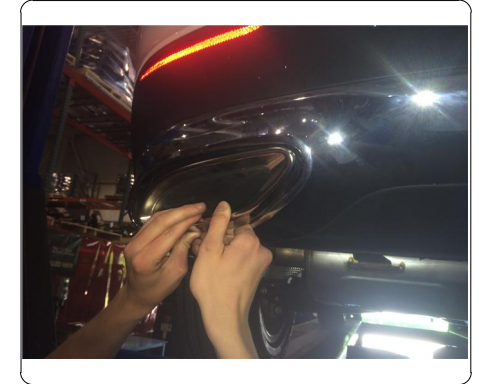


**MAKE SURE YOUR HITCH MATCHES**

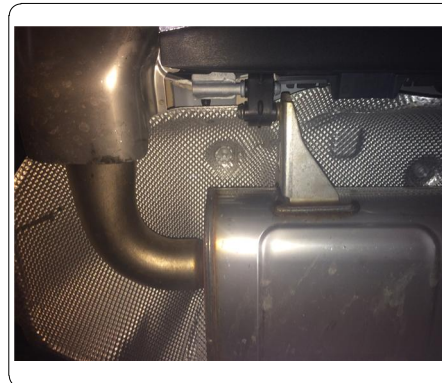
## INSTALLATION WALKTHROUGH:



1. Remove exhaust tips by removing (4) screws (2) on each side using T-40 Torxbit socket. After screws are removed gently remove exhaust tips and set aside for reinstallation.



2. Lower exhaust by removing (3) rubber isolators. (As shown in the rubber isolator removal diagram)

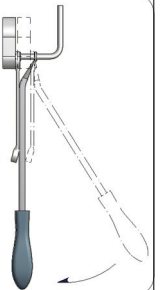


### RUBBER ISOLATOR REMOVAL DIAGRAM

This technique can be used if an Exhaust Hanger Removal Pliers is not available.

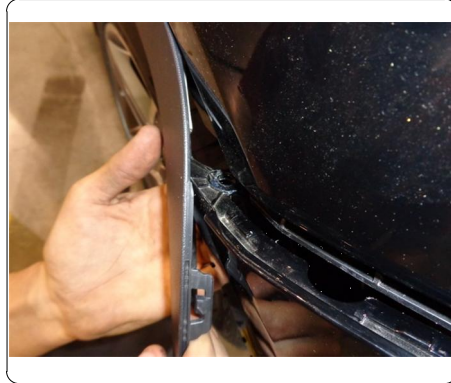
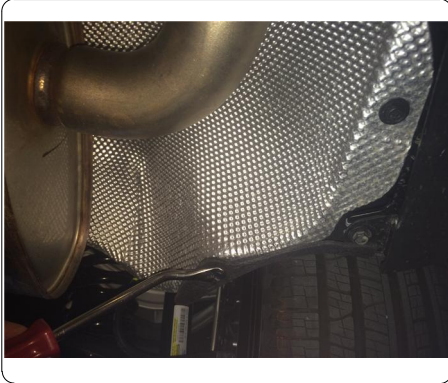
Using a 5/8" open end wrench, slide the wrench up to the rubber isolator, cradling the hanger rod as shown. Next place the flat edge of a pry bar between the wrench and the hanger stop or hanger rod. Then simply rotate the pry bar toward the wrench to remove the rubber isolator.

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

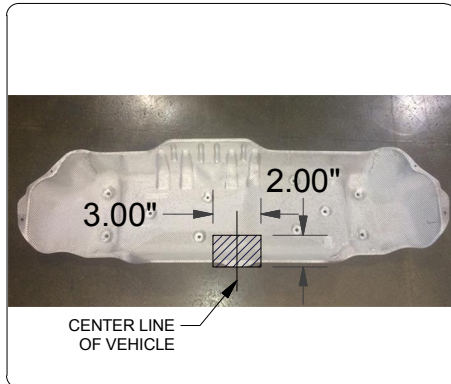
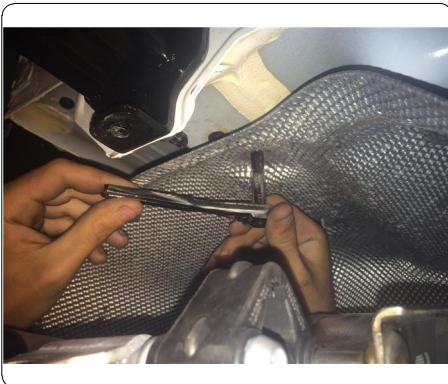


## INSTALLATION WALKTHROUGH:

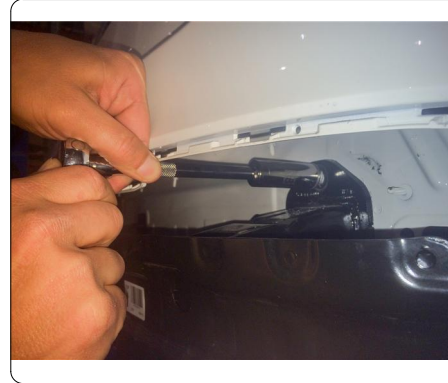
3. To remove lower rear fascia locate and remove (6) screws (3) on each side using 10mm socket and (4) push pins (2) on each side using pry tool. Unclip electrical harnesses.  
**NOTE:** To remove rear fascia start by partially removing rear wheel trim piece and gently pull away from vehicle by releasing press in tabs along top portion of fascia.



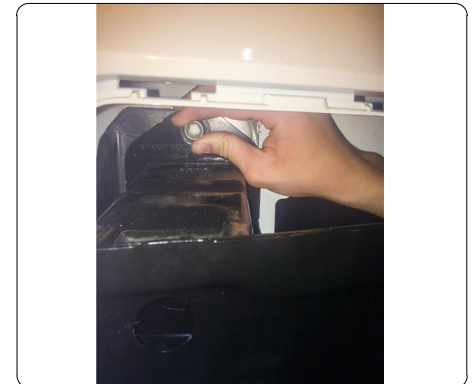
4. Remove heat shield by removing (10) nuts using 8mm socket, and trim 2.00" x 3.00" using aviation shears as shown in the trim diagram. Set aside for reinstallation.  
**NOTE:** All dimensions are approximate, confirm fit prior to trimming.



5. Remove bumper beam by removing M12 hardware using 18mm socket. Set aside for reinstallation.  
**NOTE:** Removing exhaust bracket from bumper beam by removing (2) screws (1) on each side using E-12 inverted torxbit may ease installation.



6. Install hitch on rear of vehicle frame using existing studs. Reinstall bumper beam over hitch. Loosely secure M12 hardware.



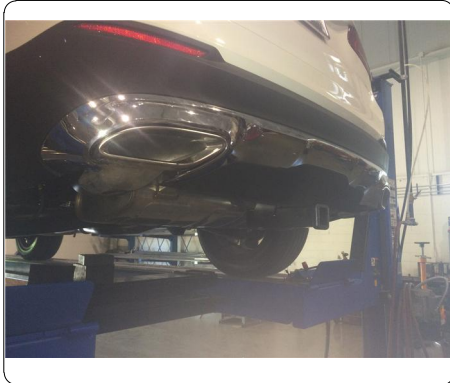


## INSTALLATION WALKTHROUGH:

7. Torque all M12 hardware to 55 ft-lbs.



8. Reinstall exhaust bracket if removed in step 5. Reinstall trimmed heat shield removed in step 4. Reinstall lower rear fascia removed in step 3. Raise exhaust back in position. Reinstall exhaust tips removed in step 1. Reinstall all hardware removed.



Installation Completed



## TOWING SAFETY INFORMATION

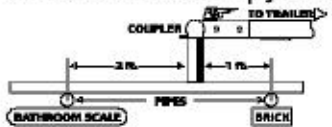
### Gross Trailer Weight / GTW

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?

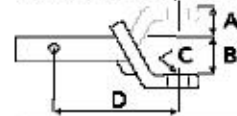
TONGUE WEIGHT (lb.)	1500	2000	2500	3000	3500	4000	4500	5000	5500	6000	6500	7000	7500	8000	8500	9000	9500	10,000	
CLASS 1	CLASS 1																		
CLASS 2	CLASS 2																		
CLASS 3	CLASS 3																		
CLASS 4	CLASS 4																		
CLASS 5	CLASS 5																		
<b>Coupler</b>	11	12	13	14	15	16													
1st	1100	1200	1300	1400	1500	1600													
<b>Weight</b>	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31				
1st	2100	2400	2700	3000	3300	3600	3900	4200	4500	4800									
<b>Weight</b>	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31				
1st	2800	3200	3600	4000	4400	4800	5200	5600	6000	6400									
<b>2nd 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.

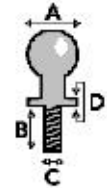
- A: Rise. B: Drop. C: Hole Size. D: Length.



### 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 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.

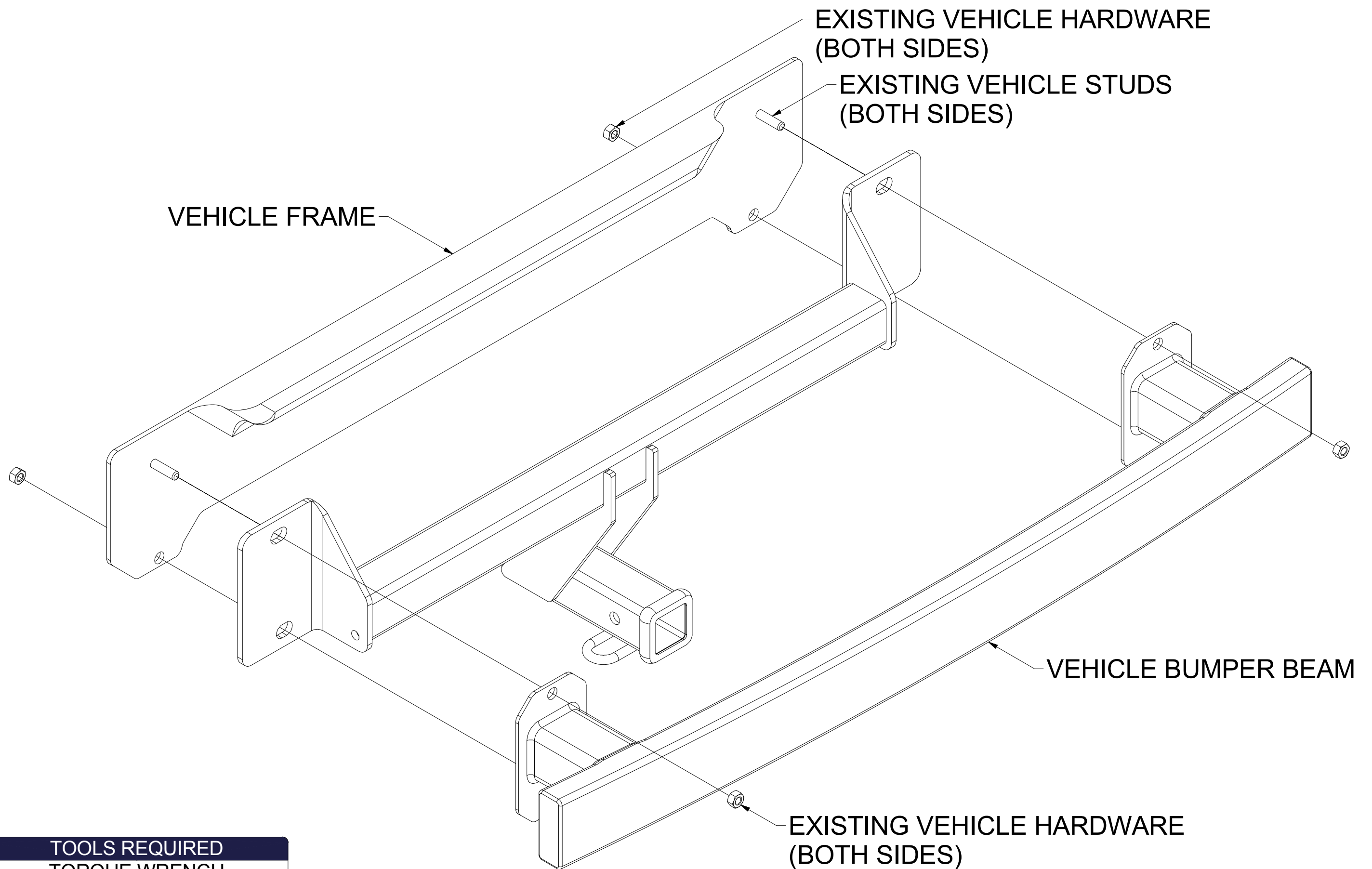
13290

# MERCEDES GLC 300

GROSS LOAD CAPACITY WHEN USED AS A WEIGHT CARRYING HITCH: 6,000 LBS. TRAILER WEIGHT & 900 LBS. TONGUE WEIGHT.



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



TOOLS REQUIRED
TORQUE WRENCH
RATCHET
8" SOCKET EXTENSION
8mm, 10mm, 18mm SOCKETS
T40, E12 TORXBIT SOCKETS
SCREW DRIVER
AVIATION SHEARS

HITCH WEIGHT: 41 LBS.

**INSTALL TIME**

PROFESSIONAL: 45 MINUTES

NOVICE (DIY): 90 MINUTES

**INSTALL NOTES:**

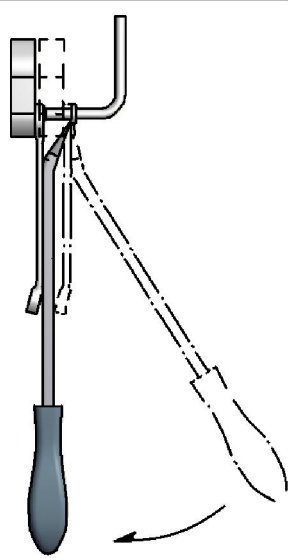
- TEMPORARILY REMOVE HEAT SHIELD AND LOWER FASCIA
- NO DRILLING REQUIRED
- LOWER EXHAUST
- EXHAUST HEAT SHIELD TRIM REQUIRED

**RUBBER ISOLATOR REMOVAL DIAGRAM**

This technique can be used if an Exhaust Hanger Removal Pliers is not available.

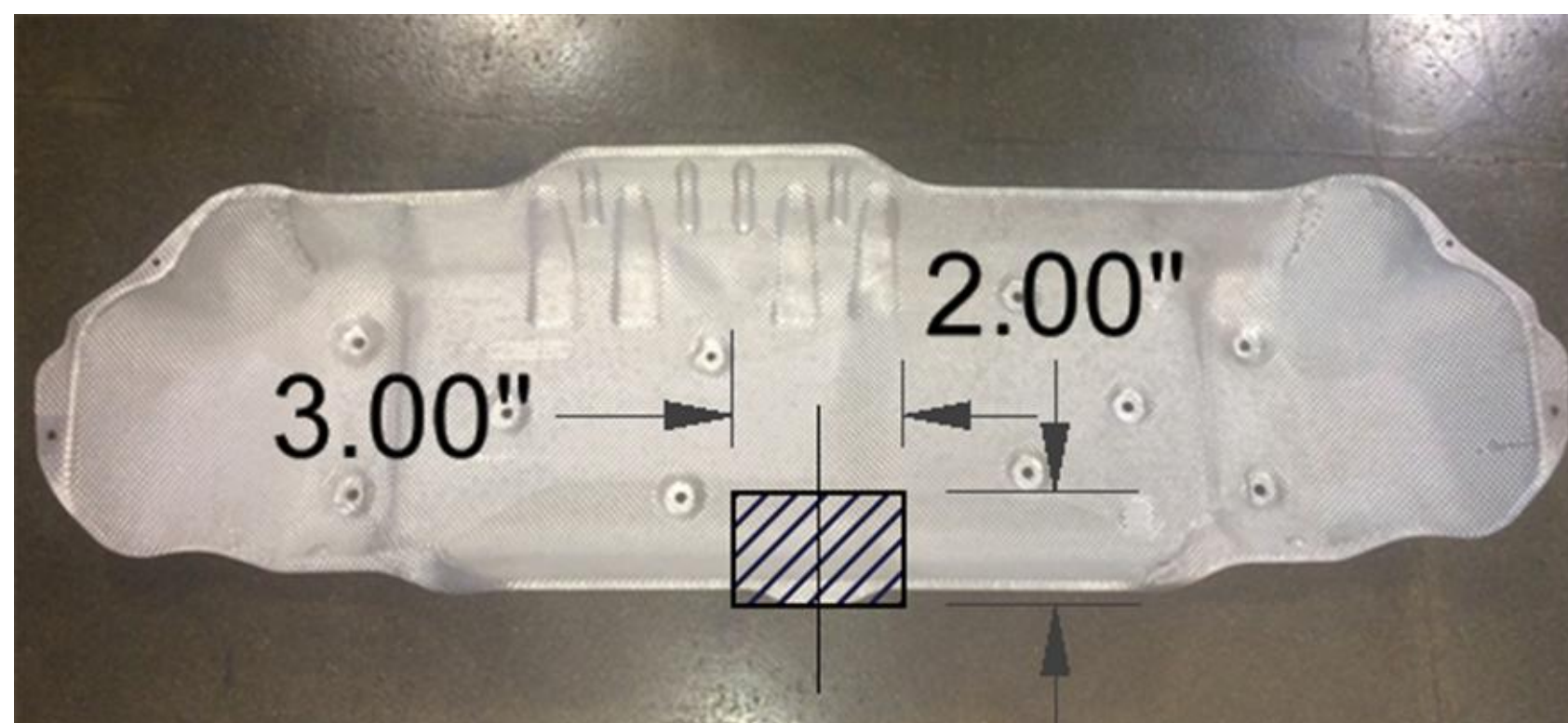
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Note: Using a spray lubricant or soapy water on the hanger rod and the rubber isolator helps removal.



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





HEAT SHIELD TRIM DIAGRAM

### INSTALLATION STEPS

1. Remove exhaust tips by removing (4) screws (2) on each side using T-40 Torxbit socket. After screws are removed gently remove exhaust tips and set aside for reinstallation.
2. Lower exhaust by removing (3) rubber isolators. (As shown in the rubber isolator removal diagram)
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Installation Completed

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