



13190 INSTALLATION INSTRUCTIONS



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

YEARS: 2014

MAKE: MERCEDES-BENZ

MODEL: GL450, GL550 EXCLUDES Active Curve Sys.

STYLE: SUV

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

WEIGHT CARRYING:

TRAILER WEIGHT: 7,500 LBS.
TONGUE WEIGHT: 900 LBS.

WEIGHT DISTRIBUTION:

TRAILER WEIGHT: N/A LBS.
TONGUE WEIGHT: N/A 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:



SAFETY GLASSES



RATCHET



8mm
10mm
13mm
3/4"
SOCKET



T-40
TORXBIT
SOCKET



6"
SOCKET
EXTENSION



SPRAY
LUBRICANT



ROTARY TOOL



TORQUE
WRENCH

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

LEVEL OF DIFFICULTY: MODERATE

EASY

MODERATE

CHALLENGING



- NO DRILLING REQUIRED



- LOWER EXHAUST

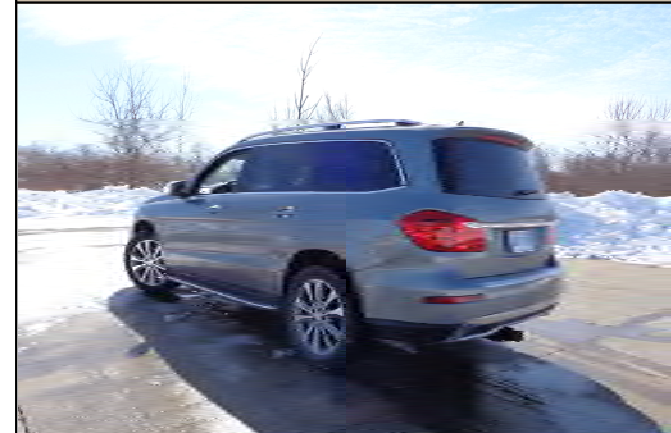


- TRIM HEAT SHIELD
- TRIM FASCIA TABS



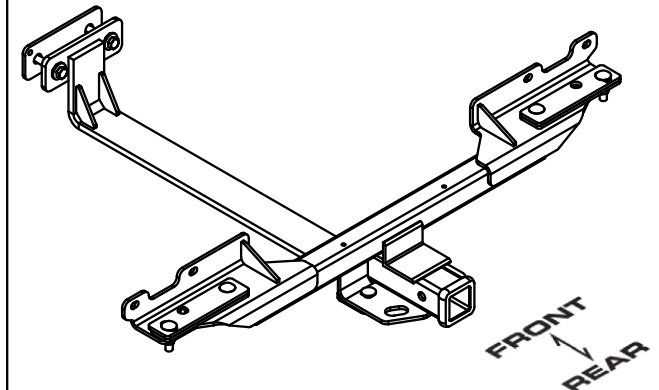
- TEMPORARY PART
REMOVAL

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

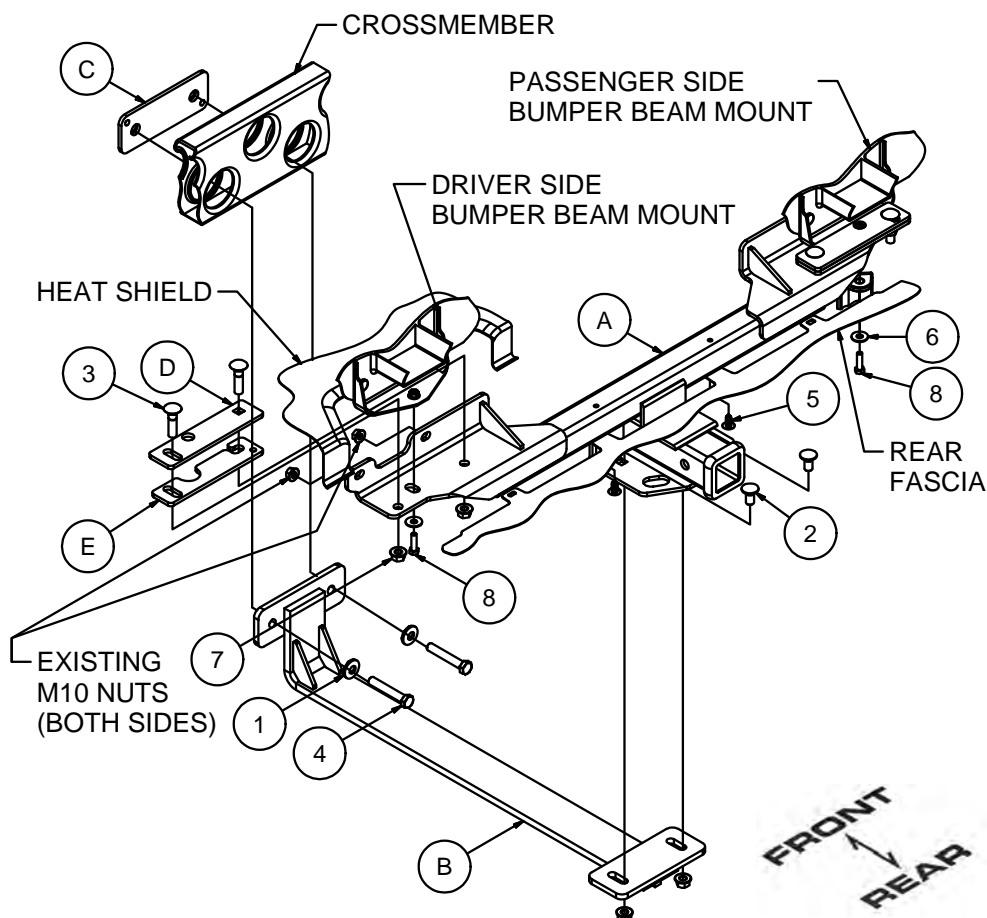
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For more information log onto www.curtmfg.com, & for helpful towing tips log onto www.hitchinfo.com

5/11/2015

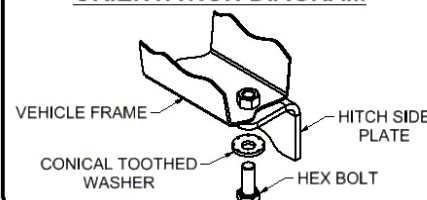
INSTALLATION WALKTHROUGH:

Parts List			
ITEM	QTY	PART NUMBER	DESCRIPTION
1	2	1/2	CONICAL TOOTHED WASHER
2	2	1/2-13 x 1	CARRIAGE BOLT
3	4	1/2 - 13 x 2", GR8	CARRIAGE BOLT, GR8
4	2	1/2-13 x 3	HEX BOLT
5	2	11120497	.344" X .813" BLACK NYLON TRIM PANEL RETAINER
6	2	3/8"	CONICAL TOOTHED WASHER
7	6	HFN 1213	HEX FLANGE NUT
8	2	M8 - 1.25 x 30 HEX BOLT	HEX HEAD BOLT



Parts List			
ITEM	QTY	PART NUMBER	DESCRIPTION
A	1	13190-WA	HITCH WELDMENT ASSEMBLY
B	1	13190-MSWA	MOUNTING STRAP WELDMENT ASSEMBLY
C	1	13190-NPA	NUT PLATE ASSEMBLY
D	2	13190-BP	.250" BOLT PLATE
E	2	13190-SP	.250" SPACER PLATE

CONICAL TOOTHED WASHER ORIENTATION DIAGRAM

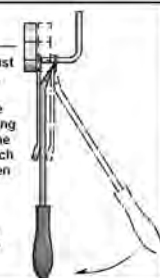


RUBBER ISOLATOR REMOVAL DIAGRAM

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.



1. Remove the bumper fascia tabs by removing (3) bolts using a 10mm socket to remove center support bracket. NOTE: On vehicles equipped with an access door, the access door does not get removed for the hitch installation. Remove exhaust tips using a T-40 Torx bit (2 each side).



INSTALLATION WALKTHROUGH:

2. Lower the exhaust for ease of assembly and heat shield trimming. Remove the rubber isolator (one each side) from the hanger attached to the vehicle. Spray lubricant may assist isolator removal. Support exhaust to prevent damage.



3. Disconnect heat shield bolts for trimming and hardware access. Remove (1) bolt from each side near the frame flange with an 8mm socket.



4. Trimming: Use shears or rotary cut-off wheel
Heat shield: Trim approx. 11" x 6" area as shown following the curvature of the heat shield.
Fascia tab: The outboard tabs on each side of the vehicle will need to be removed.

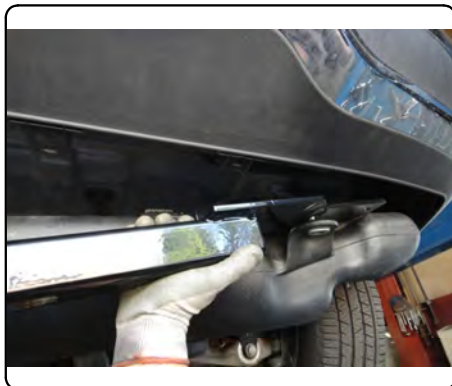


5. Remove the lower (2) nuts securing the bumper beam to the vehicle with a 10mm socket, both sides. Save for reassembly.

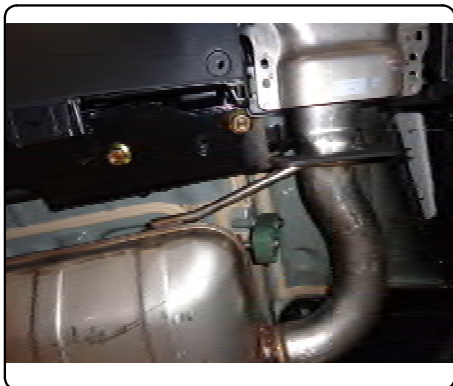


INSTALLATION WALKTHROUGH:

6. Raise hitch (A) into position and secure to the bumper beam studs using the vehicle nuts removed in Step (5).



7. Stack bolt plate (D) on spacer plate (E) and run 1/2-13 x 1 1/2" carriage bolts through plate holes. Place plate assembly over the bumper beam tab and align with the holes in the hitch. Secure using 1/2-13 flange nuts, as shown.

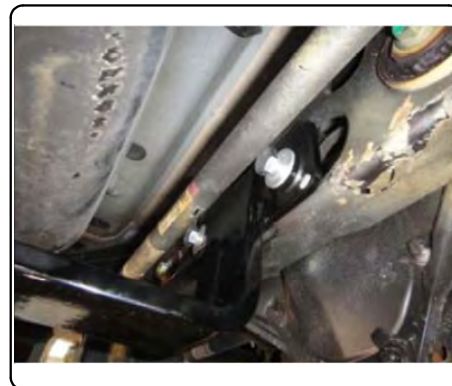
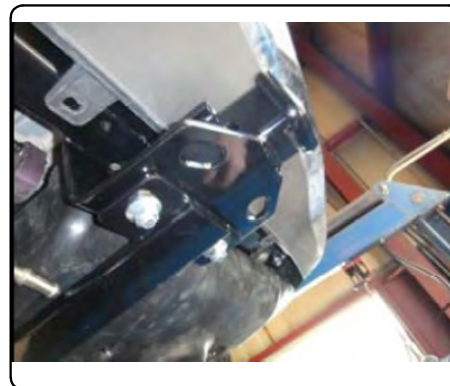


8. Center the holes of the hitch with the bumper beam tab weldnuts and secure with M8 bolts. Torque all M8 fasteners to 25 ft-lbs.
Torque all installed 1/2" fasteners to 110 ft-lbs.

Raise and secure the exhaust lowered in Step (2).

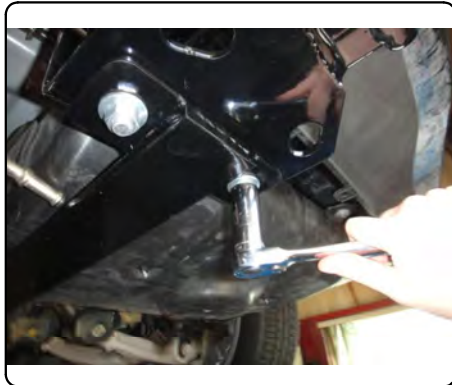


9. Raise mounting strap (B) into position and loosely secure to hitch 1/2-13 x 1" carriage bolts and 1/2-13 hex flange nuts. Raise nut plate (C) into position and secure mounting strap to the cross member using 1/2-13 x 3" hex bolts and 1/2" conical toothed washers.

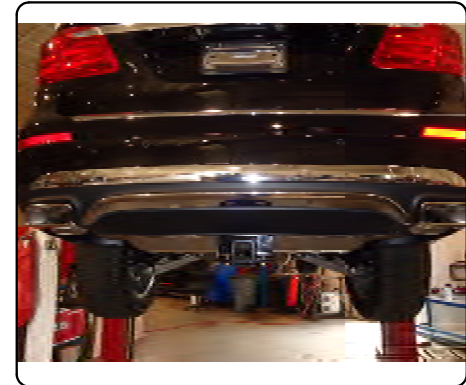
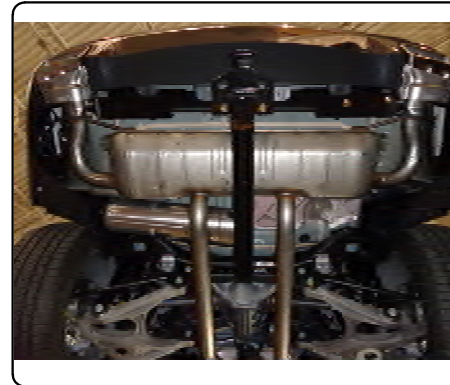


INSTALLATION WALKTHROUGH:

10. Torque all remaining 1/2" hardware to 110 ft-lbs.



INSTALLATION COMPLETE



11. Secure the (2) center fascia tabs by pushing the nylon retainer clips into the holes in hitch tube.
Note: Some models may require enlargement of the fascia tab hole for nylon clip.



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13190

MERCEDES-BENZ GL450 & GL550

Excluding Active Curve System

5/11/2015

GROSS LOAD CAPACITY WHEN USED AS A WEIGHT CARRYING HITCH: 7,500 LBS. TRAILER WEIGHT & 900 LBS. TONGUE WEIGHT.
GROSS LOAD CAPACITY WHEN USED AS A WEIGHT DISTRIBUTION HITCH: N/A LBS. TRAILER WEIGHT & N/A LBS. TONGUE WEIGHT

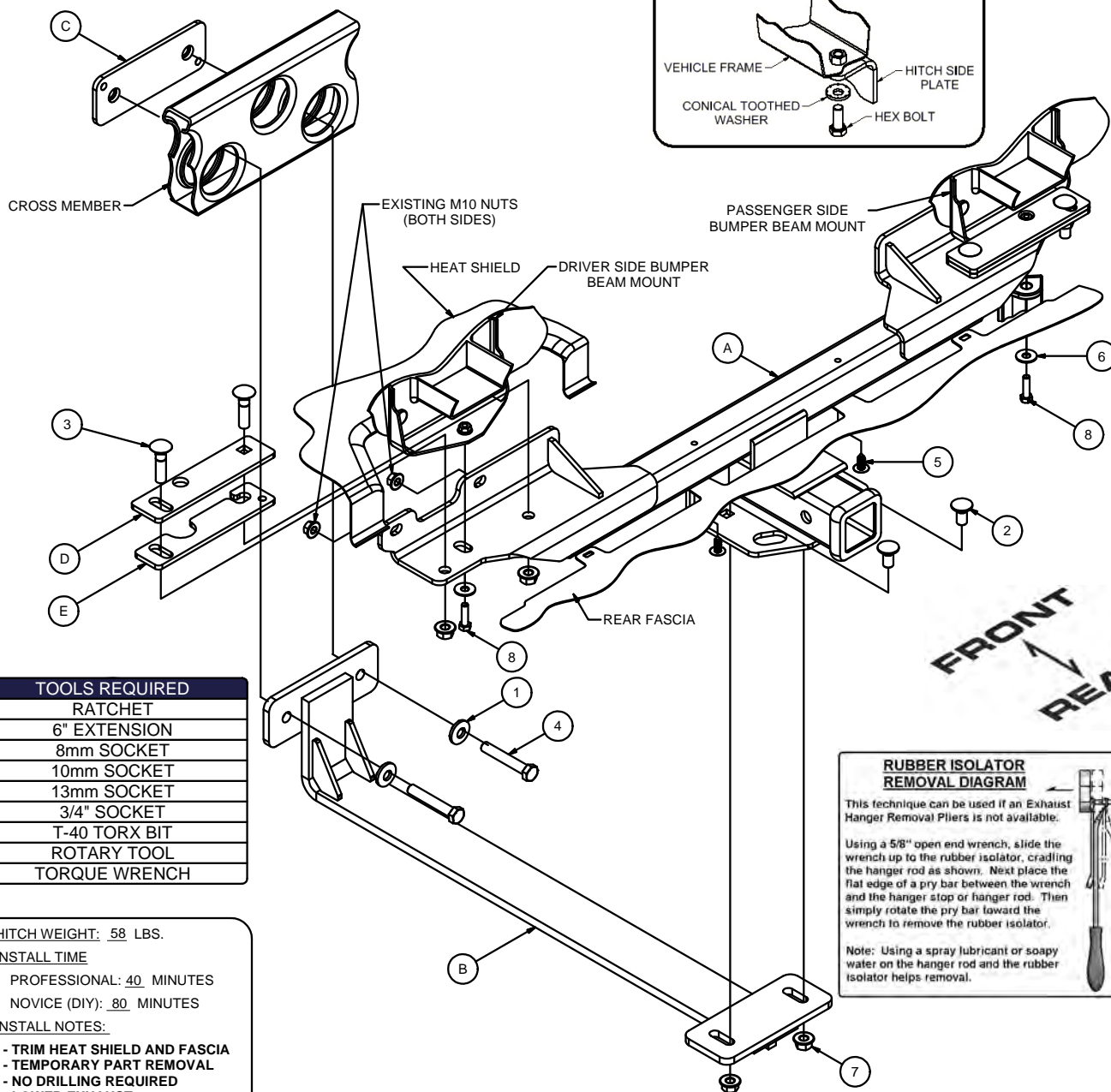
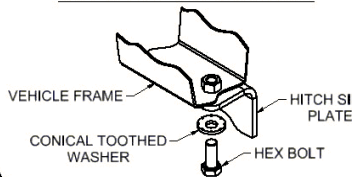
DO NOT EXCEED VEHICLE MANUFACTURER'S RECOMMENDED TOWING CAPACITY.

HAVING INSTALLATION QUESTIONS? CALL TECHNICAL SUPPORT AT 1-800-798-0813

Hardware List			
ITEM	QTY	PART NUMBER	DESCRIPTION
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3	4	1/2 - 13 x 2", GR8	CARRIAGE BOLT, GR8
2	2	1/2-13 x 1	CARRIAGE BOLT
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E	2	13190-SP	.250" SPACER PLATE

CONICAL TOOTHED WASHER ORIENTATION DIAGRAM



TOOLS REQUIRED

RATCHET
6" EXTENSION
8mm SOCKET
10mm SOCKET
13mm SOCKET
3/4" SOCKET
T-40 TORX BIT
ROTARY TOOL
TORQUE WRENCH

HITCH WEIGHT: 58 LBS.

INSTALL TIME

PROFESSIONAL: 40 MINUTES

NOVICE (DIY): 80 MINUTES

INSTALL NOTES:

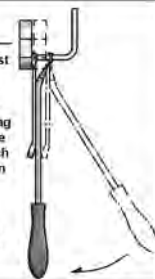
- TRIM HEAT SHIELD AND FASCIA
- TEMPORARY PART REMOVAL
- NO DRILLING REQUIRED
- LOWER EXHAUST

RUBBER ISOLATOR REMOVAL DIAGRAM

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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.



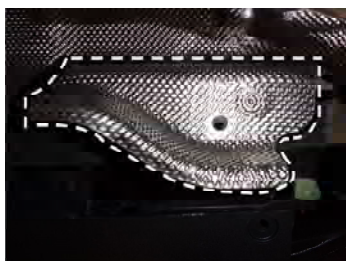
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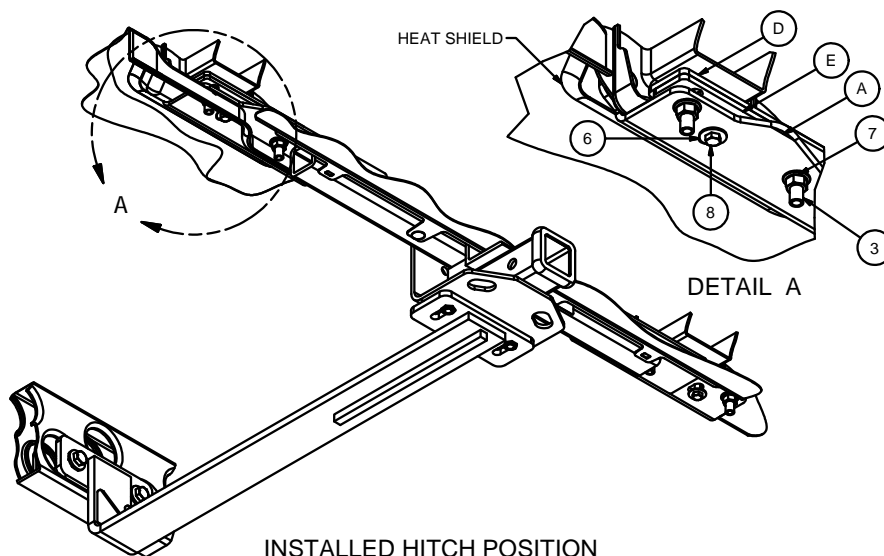
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HEAT SHIELD
TRIM



FASCIA TAB
TRIM



INSTALLED HITCH POSITION

INSTALLATION STEPS

1. Remove the bumper fascia tabs by removing (3) bolts using a 10mm socket to remove center support bracket. NOTE: On vehicles equipped with an access door, the access door does not get removed for the hitch installation. Remove exhaust tips using a T-40 Torx bit (2 each side).
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3. Disconnect heat shield bolts for trimming and hardware access. Remove (1) bolt from each side near the frame flange with an 8mm socket.
4. Trimming: Use shears or a rotary cut-off wheel.
 Heat shield: Trim approx. 11" x 6" area as shown (Heat Shield Trim Diagram) following the curvature of the heat shield.
 Fascia tab: The outboard tabs on each side of the vehicle will need to be removed. (Fascia Tab Trim Diagram)
5. Remove the lower (2) nuts securing the bumper beam to the vehicle with a 10mm socket, both sides. Save for reassembly.
6. Raise hitch (A) into position and secure to the bumper beam studs using the vehicle nuts removed in Step (5).
7. Stack bolt plate (D) on spacer plate (E) and run 1/2-13 x 1 1/2" carriage bolts through plate holes. Place plate assembly over the bumper beam tab and align with the holes in the hitch. Secure using 1/2-13 flange nuts, as shown.
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9. Raise mounting strap (B) into position and loosely secure to hitch 1/2-13 x 1" carriage bolts and 1/2-13 hex flange nuts. Raise nut plate (C) into position and secure mounting strap to the cross member using 1/2-13 x 3" hex bolts and 1/2" conical toothed washers.
10. Torque all remaining 1/2" hardware to 110 ft-lbs.
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