

YEARS: 2017-PRESENT

MAKE: VOLVO

MODEL: S90

STYLE: SEDAN





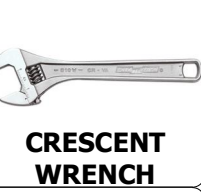



WARNING: NEVER EXCEED YOUR VEHICLE MANUFACTURER'S RECOMMENDED TOWING CAPACITY

WEIGHT CARRYING:
 TRAILER WEIGHT: 5,000 LBS.
 TONGUE WEIGHT: 500 LBS.

PRO INSTALL TIME: 60 MIN.
NOVICE INSTALL TIME: 120 MIN.

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



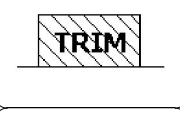
INSTALLATION REQUIRES:

 TORQUE WRENCH	 RATCHET	 8" SOCKET EXTENSION
 8mm 10mm 15mm SOCKET	 TORXBIT T-25 SOCKET	 CRESCENT WRENCH
 PRY BAR	 AVIATION SHEARS	 SAFETY GLASSES

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

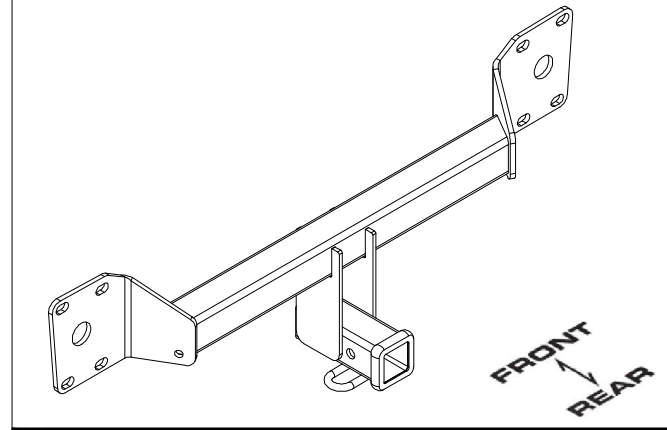
EASY	MODERATE	CHALLENGING
 PART REMOVAL	TEMPORARILY REMOVE TRUNK CONTENTS AND REAR FASCIA	
	NO DRILLING REQUIRED	
 TRIM	REAR FASCIA TRIMMING REQUIRED	

VEHICLE PHOTO:



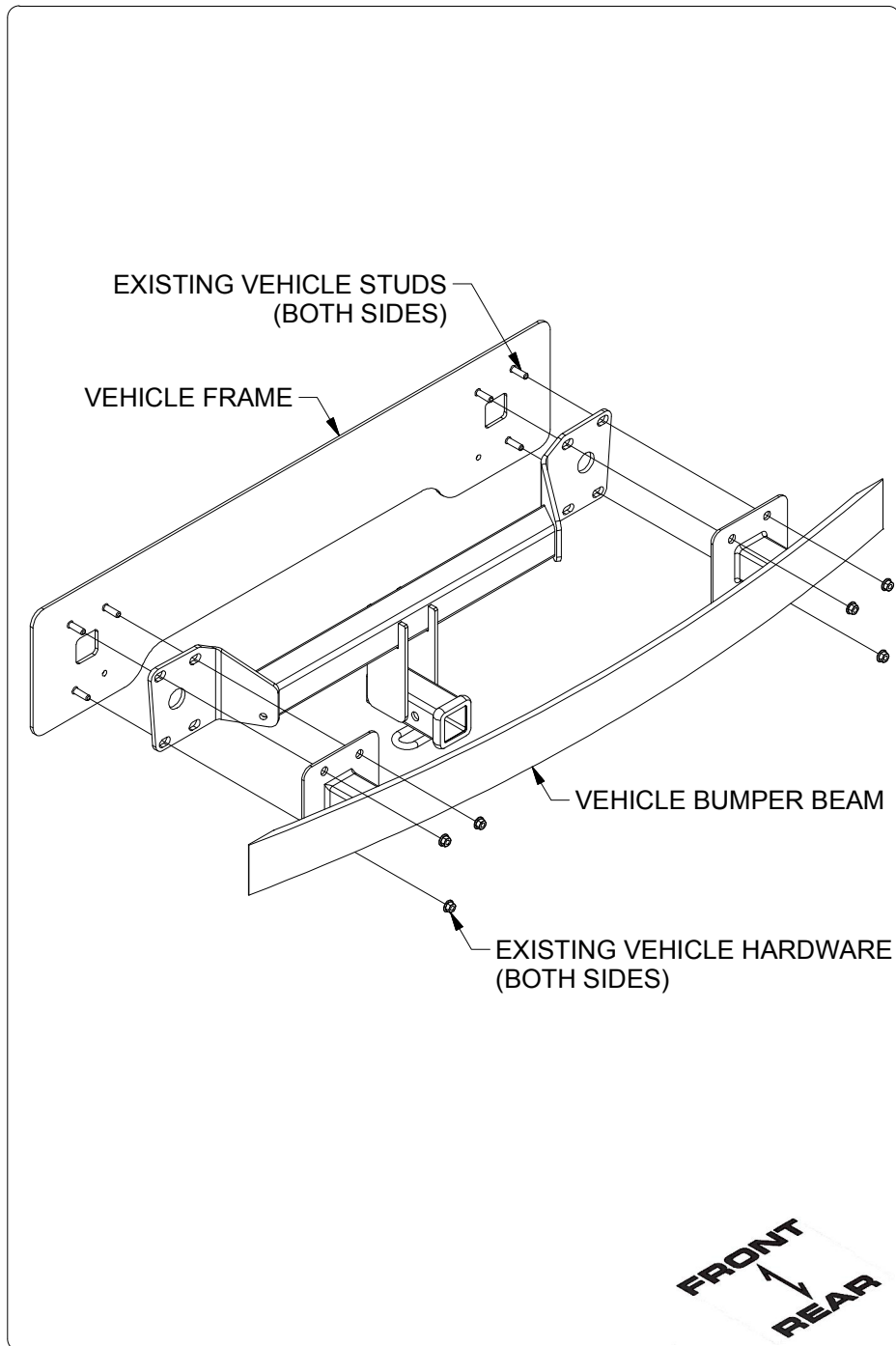
REPRESENTATIVE PHOTO

HITCH ILLUSTRATION:

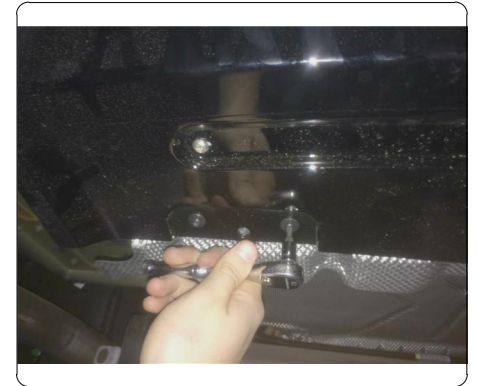
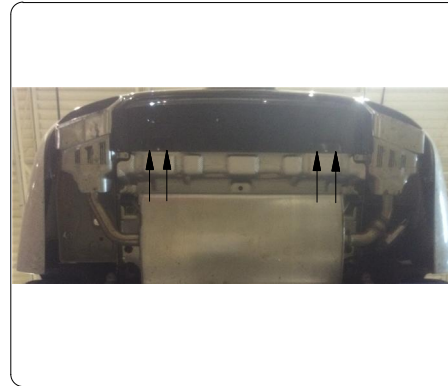


MAKE SURE YOUR HITCH MATCHES

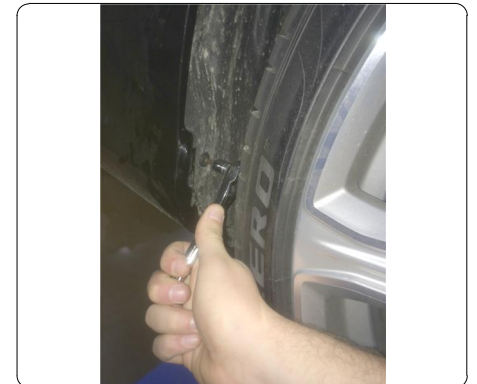
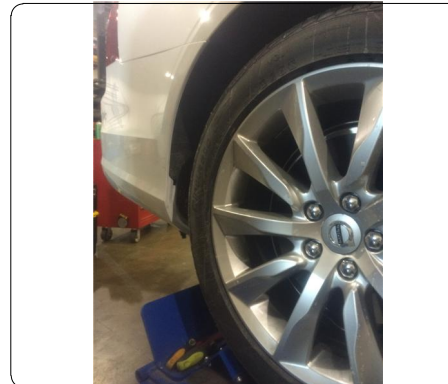
INSTALLATION WALKTHROUGH:



1. Underneath rear of vehicle, locate and remove (4) screws attaching rear fascia to vehicle using T-25 socket.

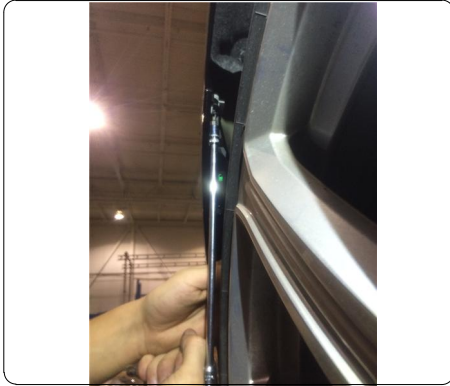


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2. Along rear wheel well on each side, locate and remove (5) screws using T-25 socket.

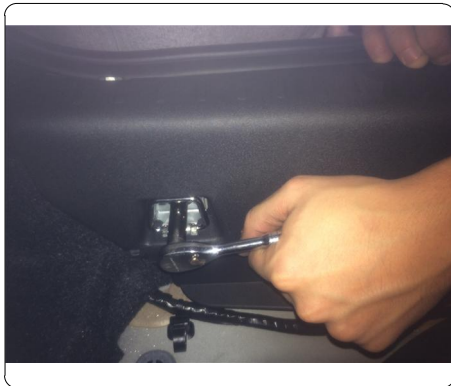


INSTALLATION WALKTHROUGH:

3. Pull wheel well cover back on each side of vehicle to expose (1) screw remove using T-25 socket.
NOTE: Remove plastic clip with screw behind wheel well cover.



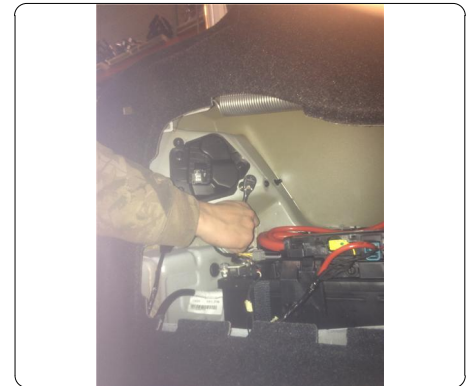
4. Inside trunk along trunk liner guard locate and remove (2) capped nuts using crescent wrench and (2) bolts using 10mm socket. Gently unclip trunk liner guard and set aside for reinstallation.



5. Remove trunk liner to expose (5) plastic nuts, remove plastic nuts using 10mm socket. Set aside for reinstallation.

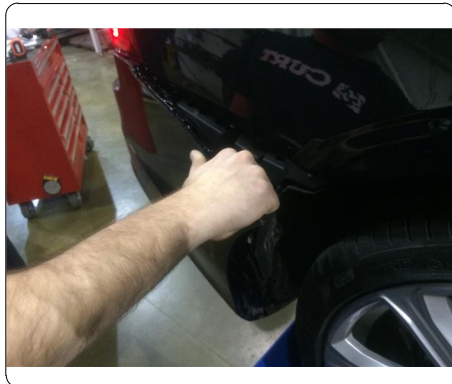


6. On trunk wall gently unclip (1) plastic push pin, on each side, to expose (3) taillight nuts, on each side. Remove taillight nuts using 8mm socket and unclip electrical harness. Set aside hardware for reinstallation.

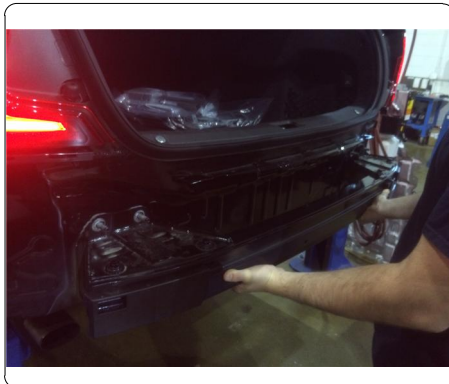
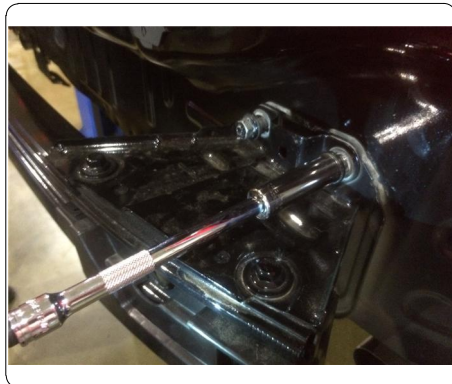


INSTALLATION WALKTHROUGH:

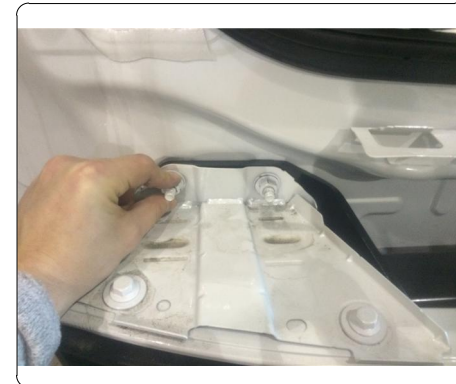
7. Gently unclip rear fascia and remove starting from outside and working your way towards center of vehicle. Unclip electrical harness. Trim 3.25" x 5.00" section using aviation shears as shown in trim diagram. Set aside for reinstallation.
NOTE: All dimensions are approximate, confirm fit prior to trim.



8. Locate on each side of bumper beam and remove (3) nuts using 15mm socket. Remove bumper and set aside for reinstallation.



9. Install hitch on rear of vehicle frame using existing studs to align. Reinstall bumper beam over hitch. Loosely secure vehicle hardware.



10. Torque all M10 hardware to 45 ft-lbs. Reinstall trimmed rear fascia and trunk contents using steps 1-7 in reverse order.



TOWING SAFETY INFORMATION

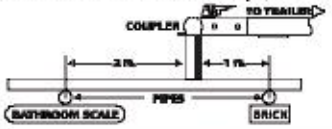
Gross Trailer Weight / GTW

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?

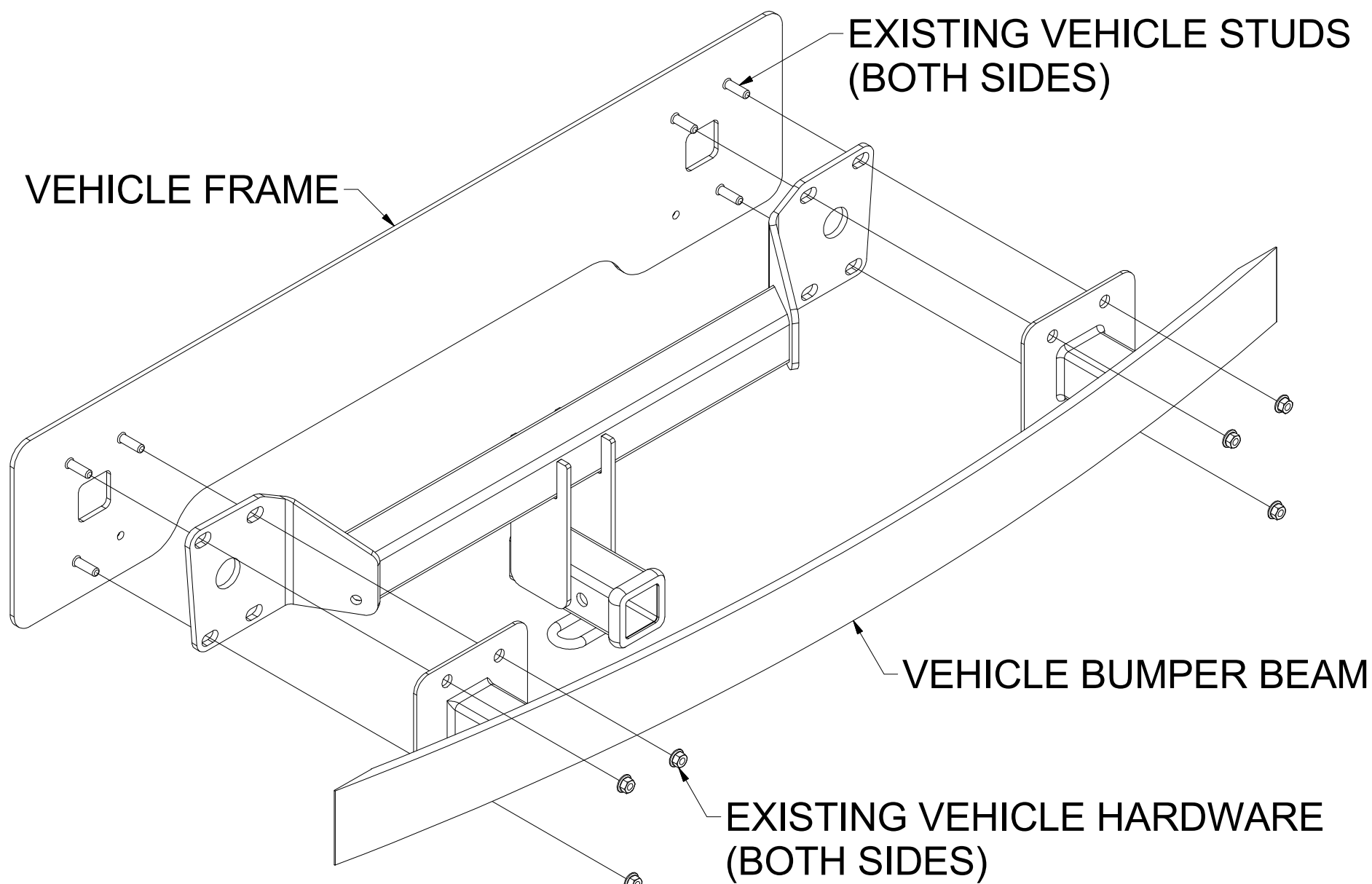
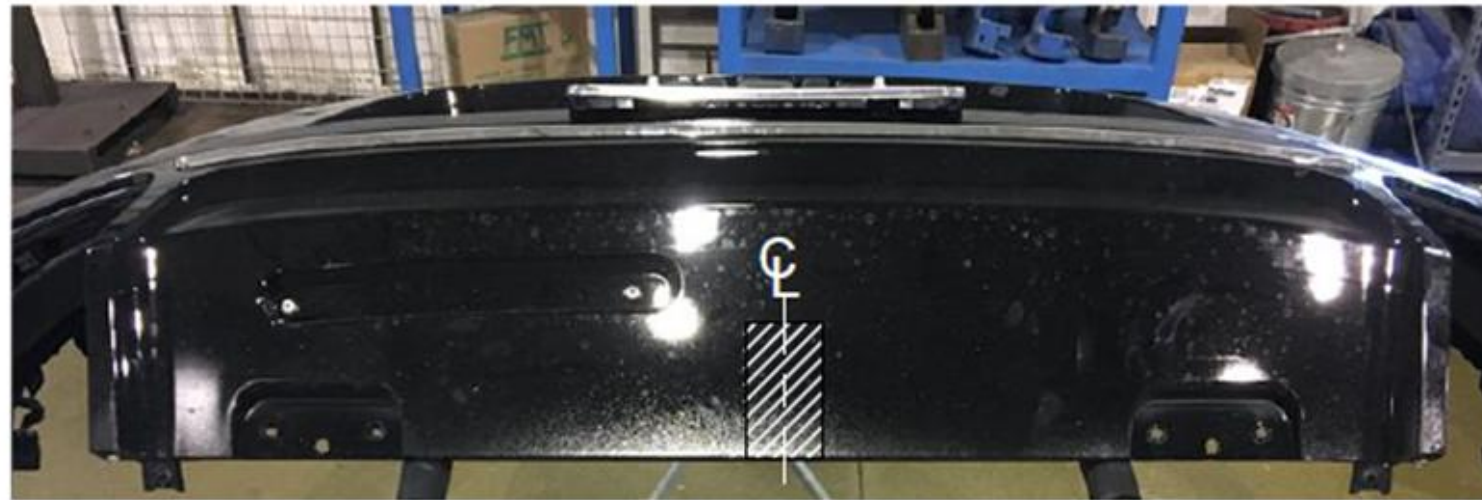
TONGUE WEIGHT (lb)	1000	2000	3000	4000	5000	6000	7000	8000	10,000	12,000	
Tongue weight should be about 10% to 15% percent of the gross trailer weight.	CLASS 1										
	CLASS 2										
	CLASS 3										
	CLASS 4										
	CLASS 5										
TRAILER TYPE	CLASS 1	CLASS 2	CLASS 3	CLASS 4	CLASS 5						
Coupler	11"	12"	13"	14"	15"	16"					
1-1/2" (1100)	1200	1300	1400	1500	1600						
2" (2100)	2400	2700	3000	3300	3600	3900	4200	4500	4800		
2-1/2" (2800)	3200	3600	4000	4400	4800	5200	5600	6000	6400		
3" (3500)											
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13305**VOLVO S90**

12/5/2016

GROSS LOAD CAPACITY WHEN USED AS A WEIGHT CARRYING HITCH: 5,000 LBS. TRAILER WEIGHT & 500 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 ******TRIM DIAGRAM**

FRONT
↑
REAR

HITCH WEIGHT: 30 LBS.

INSTALL TIME

PROFESSIONAL: 45 MINUTES

NOVICE (DIY): 90 MINUTES

INSTALL NOTES:

- TEMPORARILY REMOVE TRUNK CONTENTS AND REAR FASCIA
- NO DRILLING REQUIRED
- TRIM REAR FASCIA

INSTALLATION STEPS

1. Underneath rear of vehicle, locate and remove (4) screws attaching rear fascia to vehicle using T-25 socket.
2. Along rear wheel well on each side, locate and remove (5) screws using T-25 socket.
3. Pull wheel well cover back on each side of vehicle to expose (1) screw remove using T-25 socket.
NOTE: Remove plastic clip with screw behind wheel well cover.
4. Inside trunk along trunk liner guard locate and remove (2) capped nuts using crescent wrench and (2) bolts using 10mm socket. Gently unclip trunk liner guard and set aside for reinstallation.
5. Remove trunk liner to expose and remove (5) plastic nuts using 10mm socket. Set aside for reinstallation.
6. On trunk wall gently unclip (1) plastic push pin, on each side, to expose (3) taillight nuts, on each side. Remove taillight nuts using 8mm socket and unclip electrical harness. Set aside hardware for reinstallation.
7. Gently unclip rear fascia and remove starting from outside and working your way towards center of vehicle. Unclip electrical harness. Trim 3.25" x 5.00" using aviation shears as shown in trim diagram. Set aside for reinstallation.
8. Locate on each side of bumper beam and remove (3) nuts using 15mm socket. Remove bumper and set aside for reinstallation.
9. Install hitch on rear of vehicle frame using existing studs to align. Reinstall bumper beam over hitch. Loosely secure vehicle hardware.
10. Torque all M10 hardware to 45 ft-lbs. Reinstall trimmed rear fascia using steps 1-7 in reverse order.

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