



# 12066 INSTALLATION INSTRUCTIONS



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

YEARS: 08-10 12-14

MAKE: VOLVO

MODEL: S60, V70, XC70

STYLE: SEDAN, WAGON

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

## WEIGHT CARRYING:

TRAILER WEIGHT: 3,500 LBS.  
TONGUE WEIGHT: 350 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](http://WWW.CURTMFG.COM) FOR FURTHER INFORMATION.

**INSTALLATION TIME: 90 MIN.**

THE INSTALL TIME LISTED IS FOR PROFESSIONAL INSTALLERS. IF YOU ARE HESITANT TO UNDERTAKE THIS TASK ON YOUR OWN, CONTACT AN AUTHORIZED CURT INSTALLER FOR ADDITIONAL ASSISTANCE.

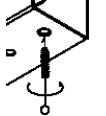



## INSTALLATION REQUIRES:

 20 TORXBIT 25 SOCKET	 8mm 10mm 13mm 14mm 17mm SOCKET	 6" SOCKET EXTENSION
 RATCHET	 TORQUE WRENCH	 ROTARY TOOL
 MASKING TAPE	 SAFETY GLASSES	 2ND PERSON

## 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: CHALLENGING

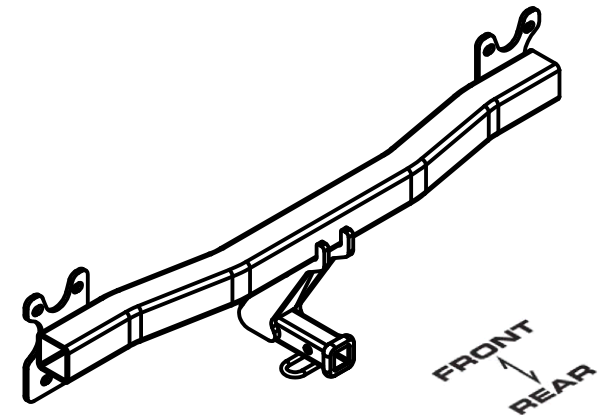
EASY	MODERATE	CHALLENGING
	MAY NEED TO CLEAN OUT (6) WELDNUT HOLES	
	TRIMMING A 2" BY 2 1/2" NOTCH IN LOWER BUMPER FASCIA IS REQUIRED	
	BUMPER COVER AND IMPACT BEAM TEMPORARILY REMOVED, MAY REQUIRE TOWING EYE REMOVAL	
	NO DRILLING REQUIRED	

## 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**

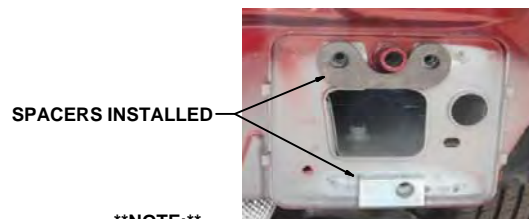
CURT Manufacturing LLC. warrants this product to be free of defects in material and/or workmanship at the time of retail purchase by the original purchaser. If the product is found to be defective, Curt Manufacturing LLC. may repair or replace the product at their option, when the product is returned, 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), & for helpful towing tips log onto [www.hitchinfo.com](http://www.hitchinfo.com)

1/31/2014

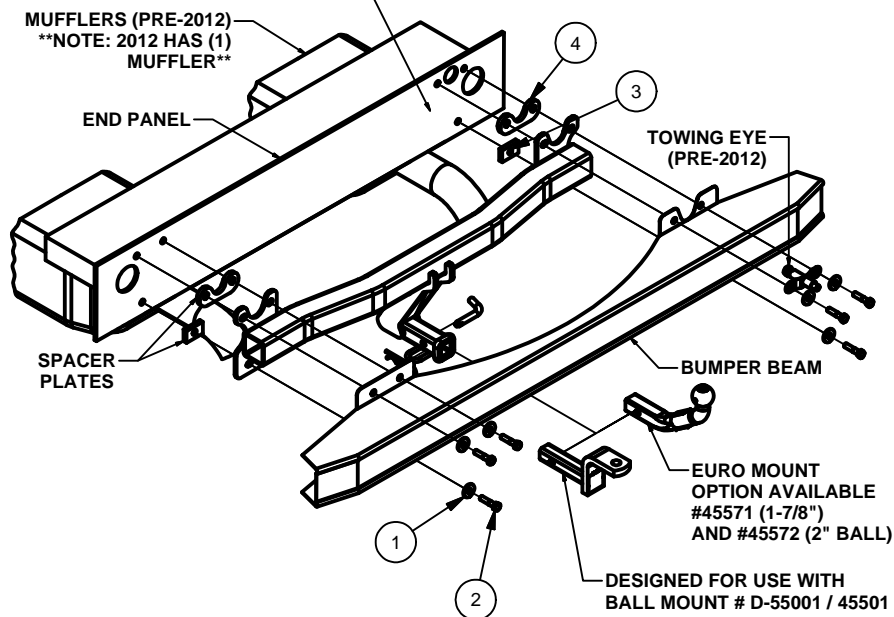
## INSTALLATION WALKTHROUGH:

Parts List			
ITEM	QTY	PART NUMBER	DESCRIPTION
1	6	7/16"	CONICAL TOOTHED WASHER
2	6	M10 - 1.5 x 45mm	HEX BOLT
3	2	CM-SP56	.375 x 1.25 x 2.00" ROUND HOLE SPACER
4	2	12066-SP	.375" SPACER



**\*\*NOTE:\*\***

The mounting surface on the Volvo S60 has spot welded plates with raised edges around the perimeter and center holes. For any application that uses this configuration please use the supplied spacer as illustrated below.



- NOTIFY VEHICLE OWNER THAT FASCIA REQUIRES TRIMMING TO FIT HITCH.
- RECOMMEND TWO PERSONS TO REMOVE THE FASCIA TO PREVENT SCRATCHES OR DAMAGE.



1. Remove rear bumper fascia. Disconnect back-up sensor wiring if present. (Not shown)
  - a. Remove (2) fasteners from the rear of the vehicle. (See Figure 1)

Note: Some models may require removal of (4) fasteners.

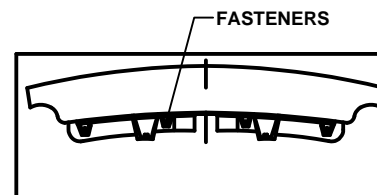


FIGURE 1  
(AS VIEWED FROM BOTTOM)



- b. **ON V70 AND XC70 MODELS ONLY** Open hatch. Remove two rubber hatch stops. (See Figure 2)

**ON V70 AND XC70  
MODELS ONLY**

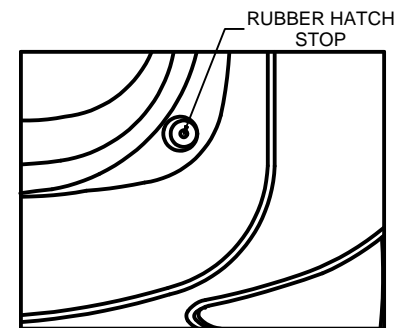
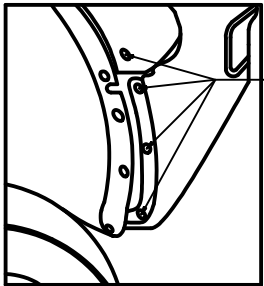


FIGURE 2

## INSTALLATION WALKTHROUGH:

- c. Remove 4-5 screws (each side) from the plastic wheel well molding. (See Figure 3)
- d. Gently pull the plastic fascia away from the wheel well molding. (See Figure 4)



REMOVE (4-5)  
SCREWS (EACH  
SIDE) FROM  
PLASTIC WHEEL  
WELL MOLDING

FIGURE 3



- e. Continue to remove the fascia. At the tail light pull gently rearward.
- f. Pull gently on the fascia until the rear fascia is completely removed from the vehicle.

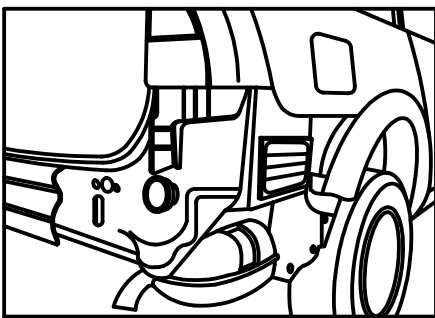
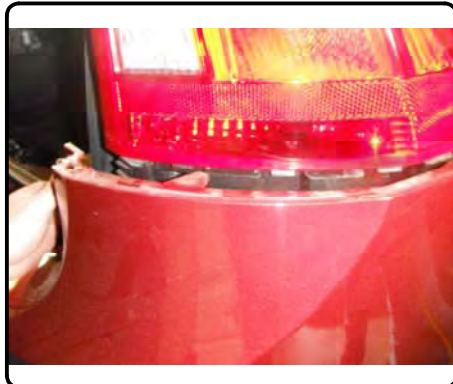


FIGURE 4



- 2. Loosen the towing eye. **V70 AND XC70 MODELS ONLY**
  - a. Remove the (2) bolts retaining the inside appearance panel at the rear of the hatch.
  - b. Loosen the towing eye under the appearance panel, rear passenger side (1 bolt). (See Figure 5)

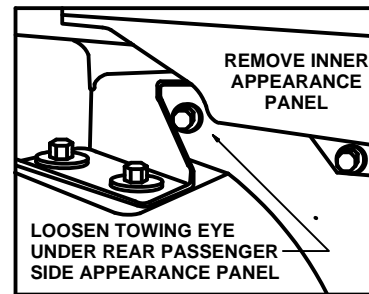
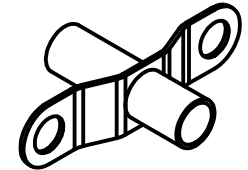
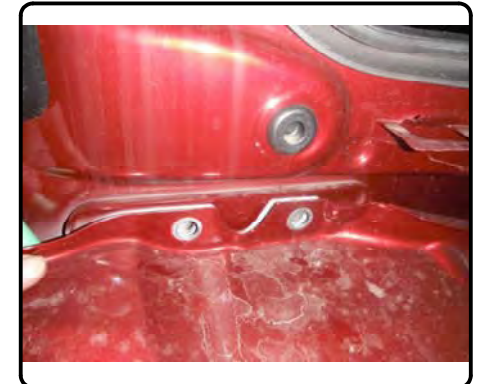


FIGURE 5  
**V70 AND XC70 MODELS ONLY**



**TOWING EYE  
V70 AND XC70 MODELS ONLY**

- 3. Remove bumper beam. (Continue to loosen the towing eye as needed to remove the bumper beam.)

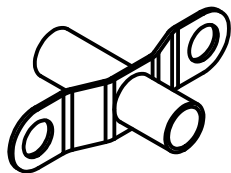


## INSTALLATION WALKTHROUGH:

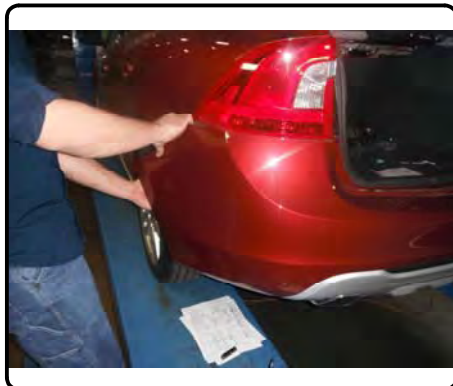
4. Place hitch into bumper beam aligning holes and raise hitch / bumper beam into position. As stated on sheet 2, use the supplied spacers if there is a raised edge on rear face of the end panel. Install the supplied M10 bolts and conical tooth washers. Hand tighten driver side and lower passenger side bolts (all if the tow hook is non-removable).



5. Re-install towing eye if applicable (sandwich hitch, bumper beam and towing eye). Hand tighten bolts (6).  
6. Torque all M10 fasteners to 45 lb-ft.



TOWING EYE  
V70 AND XC70 MODELS ONLY



7. Retighten towing eye hook from inside vehicle, torque to 45 lb-ft.  
**V70 AND XC70 MODELS ONLY**

8. Replace the (2) bolts that retain the inside appearance panel at rear of tailgate **V70 AND XC70 MODELS ONLY**  
(See figure 6)

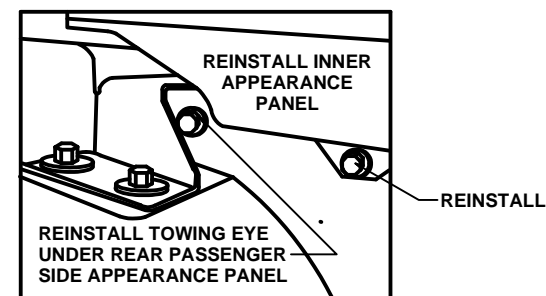


FIGURE 6  
**V70 AND XC70 MODELS ONLY**

9. Using a rotary tool, carefully cut out the fascia on the bottom inside fascia. Locate the bottom center of the fascia and trim as shown. See Figure 7 for trim dimensions. Note: Area marked on fascia is trim outline for factory Volvo hitch if shown. Note: trim dimensions are approximate. Confirm fit prior to trimming.

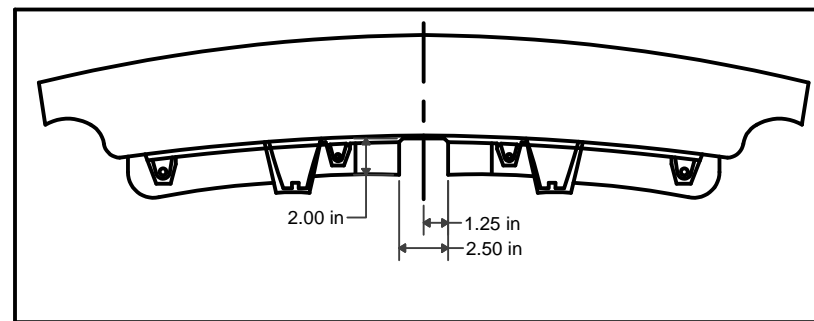


FIGURE 7  
(AS VIEWED FROM BOTTOM)



## INSTALLATION WALKTHROUGH:

10. Reinstall fascia.



**12066****VOLVO S60, V70, AND XC70****1/31/2014****GROSS LOAD CAPACITY WHEN USED AS A WEIGHT CARRYING HITCH: 3,500 LBS. TRAILER WEIGHT & 350 LBS. TONGUE WEIGHT.**

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

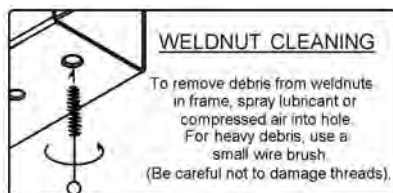
**WARNING: ALL NON-TRAILER LOADS APPLIED TO THIS PRODUCT MUST BE SUPPORTED BY 18050 STABILIZING STRAPS.**

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

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

Parts List			
ITEM	QTY	PART NUMBER	DESCRIPTION
1	6	7/16"	CONICAL TOOTHED WASHER
2	6	M10 - 1.5 x 45mm	HEX BOLT
3	2	CM-SP56	.375 x 1.25 x 2.00" ROUND HOLE SPACER
4	2	12066-SP	.375" SPACER

TOOLS REQUIRED
T20, T25 TORX DRIVER
8, 10, 13, 14 AND 17mm SOCKETS
6" EXTENSION
RATCHET
TORQUE WRENCH
ROTARY TOOL

**\*\*NOTE:\*\***

The mounting surface on the Volvo S60 has spot welded plates with raised edges around the perimeter and center holes. For any application that uses this configuration please use the supplied spacer as illustrated below.

MUFFLERS (PRE-2012)

**\*\* NOTE: 2012 HAS (1) MUFFLER\*\***

END PANEL



TOWING EYE (PRE-2012)

BUMPER BEAM

SPACER PLATES

**FRONT**  
**REAR**

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

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## VOLVO S60, V70, AND XC70

1/31/2014

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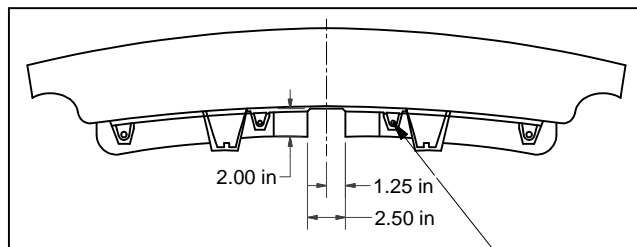
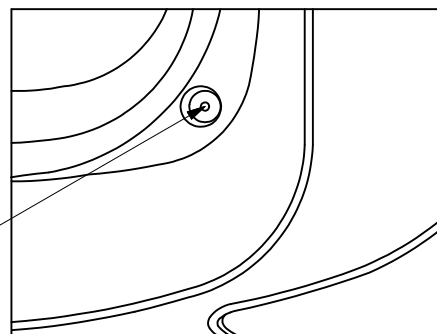


FIGURE 1  
(AS VIEWED FROM BOTTOM) — FASTENERS



RUBBER  
HATCH STOP

FIGURE 2

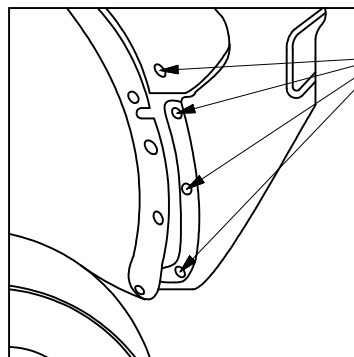


FIGURE 3

REMOVE (4-5) SCREWS (EACH SIDE)  
FROM PLASTIC WHEEL WELL MOLDING

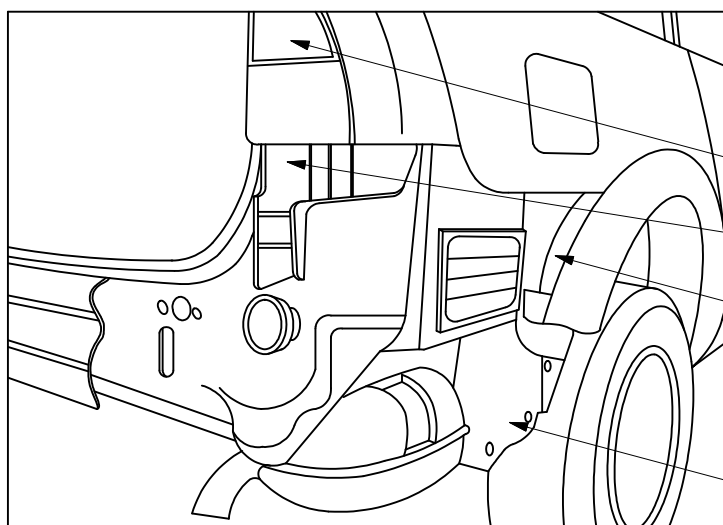


FIGURE 4

TAIL LIGHT

PULL FASCIA REARWARD  
GENTLY AT THE TAIL LIGHT

GENTLY PULL THE FASCIA  
AWAY FROM THE WHEEL  
WELL MOLDING STARTING  
AT THE BOTTOM

REMOVE (4) SCREWS (EACH  
SIDE) FROM THE PLASTIC  
WHEEL WELL MOLDING

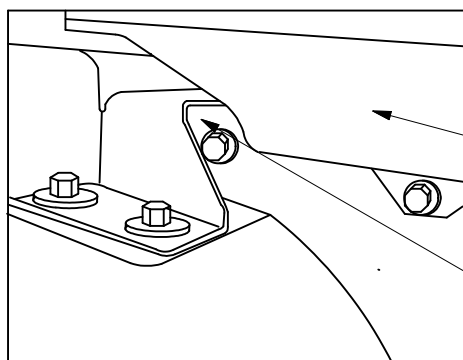


FIGURE 5

REMOVE INNER  
APPEARANCE PANEL

LOOSEN TOWING EYE UNDER REAR  
PASSENGER SIDE APPEARANCE PANEL

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

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**12066**

## **VOLVO S60, V70, AND XC70**

**1/31/2014**

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

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

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

HITCH WEIGHT: 38 LBS.

INSTALL TIME

PROFESSIONAL: 90 MINUTES

NOVICE (DIY): 3 HOURS

INSTALL NOTES:

- FASCIA REMOVAL & TRIM REQ'D

- NO DRILL REQ'D

### **INSTALLATION STEPS**

- NOTIFY VEHICLE OWNER THAT FASCIA REQUIRES TRIMMING TO FIT HITCH.
- RECOMMEND TWO PERSONS TO REMOVE THE FASCIA TO PREVENT SCRATCHES OR DAMAGE.

1. Remove rear bumper fascia. Disconnect back-up sensor wiring if present. (Not shown)
  - a. Remove (2) fasteners from the rear of the vehicle. (See Figure 1)  
Note: Some models may require removal of (4) fasteners.
  - b. **ON V70 AND XC70 MODELS ONLY** Open hatch. Remove two rubber hatch stops. (See Figure 2)
  - c. Remove 4-5 screws (each side) from the plastic wheel well molding. (See Figure 3)
  - d. Gently pull the plastic fascia away from the wheel well molding. (See Figure 4)
  - e. Continue to remove the fascia. At the tail light pull gently rearward.
  - f. Pull gently on the fascia until the rear fascia is completely removed from the vehicle.
2. Loosen the towing eye. **V70 AND XC70 MODELS ONLY**
  - a. Remove the (2) bolts retaining the inside appearance panel at the rear of the hatch.
  - b. Loosen the towing eye under the appearance panel, rear passenger side (1 bolt). (See Figure 5)
3. Remove bumper beam. (Continue to loosen the towing eye as needed to remove the bumper beam.)
4. Place hitch into bumper beam aligning holes.
5. Raise hitch and bumper beam into position. As stated on sheet 1, use the supplied spacers if there is a raised edge on rear face of the end panel. Install the supplied M10 bolts and conical tooth washers. Hand tighten driver side and lower passenger side bolts (all if the tow hook is non-removable).
6. Reinstall towing eye if applicable (sandwich hitch, bumper beam and towing eye). Hand tighten bolts (6).
7. Torque all M10 fasteners to 45 lb-ft.
8. Retighten towing eye hook from inside vehicle, torque to 45 lb-ft. **V70 AND XC70 MODELS ONLY**
9. Replace the (2) bolts that retain the inside appearance panel at rear of tailgate **V70 AND XC70 MODELS ONLY**
10. Using a rotary tool, carefully cut out the fascia on the bottom inside fascia. Locate the bottom center of the fascia and trim as shown. See Figure 1 for trim dimensions. Note: Area marked on fascia is trim outline for factory Volvo hitch if shown. Note: Trim dimensions are approximate. Confirm fit prior to trimming.
11. Reinstall fascia. Note: Make sure fascia sits flat along rear shelf of trunk.

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