



# INSTALLATION INSTRUCTIONS

## Trans4mer Grille Guard/Winch Mount Kit 61145

### For Chevrolet Silverado 2500HD & 3500

This WARN Trans4mer system can be customized to give your Chevy Silverado a wide variety of looks, front-end protection and winch mounting capability. The system starts with this strong two-tube grille guard that attaches to the truck's frame with brackets designed to handle up to a 15000 lb. winch. It is durable and good looking as a stand-alone grille guard, but can be easily upgraded with some great options! You can add a third large size tube (light bar) that adds even more protection and includes tabs for mounting auxiliary lights. The tubes can be mounted in a variety of positions to achieve the look and function that you desire. You can mount a winch carrier bracket that provides a permanent mount for a Warn winch. You may also add a receiver bracket that will handle the Warn multi-mount winch system, a draw bar or any other accessory that fits the standard 2-inch receiver tube. Finally, brush guards that protect the headlights and front corners of the truck can be easily added to any of the options above.

#### PARTS LIST

PART NO.	QUANTITY	DESCRIPTION
61141	2	Side Member, Black
29366	2	Grille Guard Tube, Black
29147	4	Washer, Plastic
62005	1	Frame Extension, RH
62006	1	Frame Extension, LH
62110	1	Cross Beam
62156	2	Support
62106	1	Strap, RH
62107	1	Strap, LH
62157	1	Template
62160	2	Support Plate
62113	2	Nut w/Handle
13222	2	Tow Hook, Black

#### TORQUE SPECIFICATIONS

BOLT SIZE	TORQUE
3/8 inch	30 lb. ft (40.7 N-m)
7/16 inch	50 lb. ft. (67.8 N-m)
1/2 inch	75 lb. ft. (101.7 N-m)

As you read these instructions, you may see **NOTES**, **CAUTIONS** and **WARNINGS**. Each message has a specific purpose. **NOTES** are additional information to help you complete a procedure. **CAUTIONS** are safety messages that indicate a potentially hazardous situation which, if not avoided, may result in minor or moderate injury. A **CAUTION** may also be used to alert against unsafe practice. **WARNINGS** are safety messages that indicate a potentially hazardous situation, which, if not avoided could result in serious injury. **CAUTIONS** and **WARNINGS** identify the hazard, indicate how to avoid the hazard, and advise of the probable consequence of not avoiding the hazard. **PLEASE WORK SAFELY!**

**NOTE:** This installation requires hole drilling. Make sure you have a drill motor and a sharp 7/16" drill bit available. Wear safety goggles.

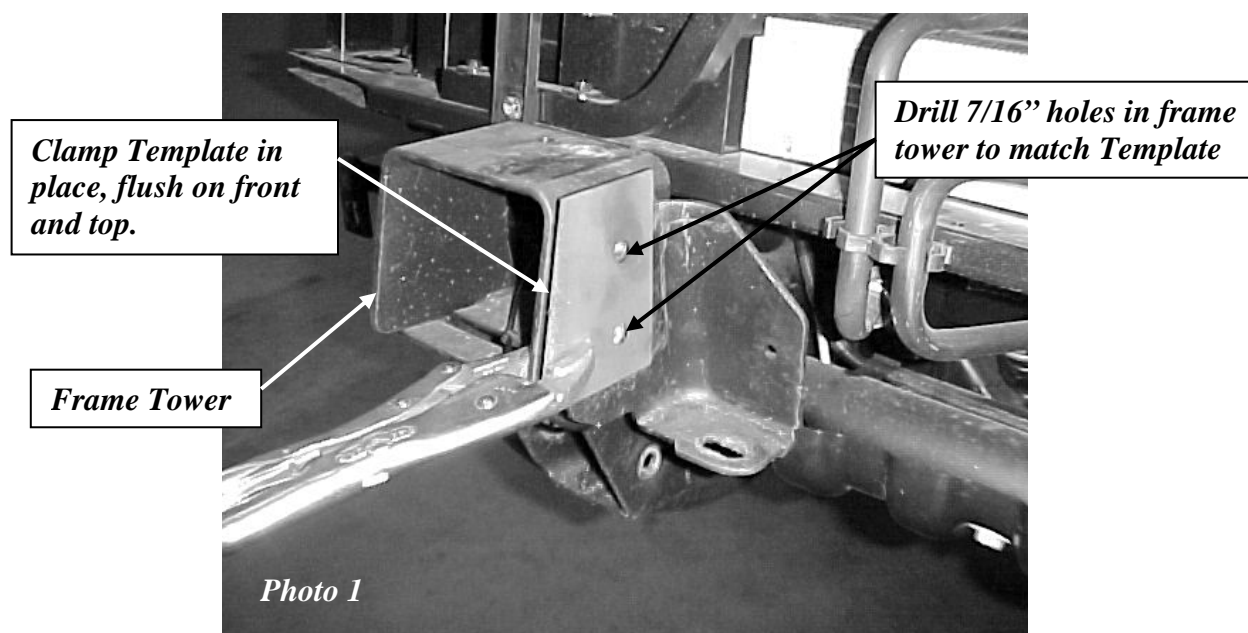
**NOTE:** Follow the instructions step by step for fastest installation. Do not securely tighten fasteners until directed to do so.

(A) Remove the grille and bumper. The grille must be removed first to gain access to the bumper bolts. These are easy to remove if the following procedure is followed:

- a. Open the hood. Remove the four plastic fasteners that attach the plastic shroud to the top of the grille. Pry up the center pin with a screwdriver, then pry out the collar.
- b. Remove the bolt just to right of the latch (10mm head).
- c. Locate the four phillips head plastic fasteners just inboard of the lights. Gently turn ¼ turn counterclockwise while pulling out on the grille to release. Give a sharp pull at extreme outer ends of grille to release the clips. Remove grille.
- d. Twist out the bulb sockets from the backside of the fog lights, if so equipped.
- e. Remove the bolts from the outer bumper braces just forward of the wheels (15mm head).
- f. Remove the four remaining bumper bolts (15mm head) and remove bumper.

(B) Remove the tow hooks and the plastic air baffle between the upper frame towers.

1. Clamp the drilling Template to the frame towers as shown in **Photo 1**. Be sure the Template is flush with the top surface and the front edge of the frame tower. It is suggested that the hole locations be marked with the Template in place, then remove it for the actual drilling. Use a smaller pilot drill first, then drill out to 7/16".





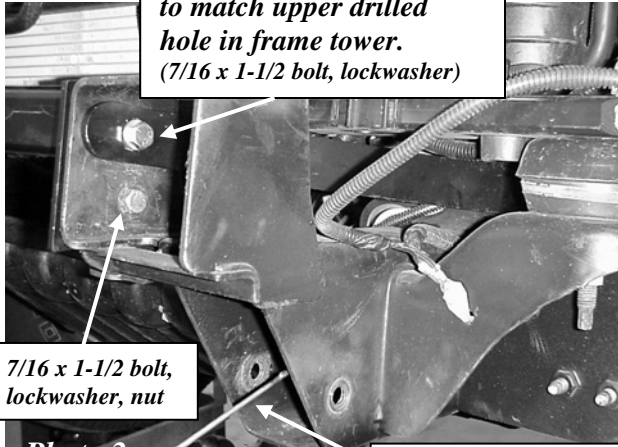
### **WARNING**



Drilling operations can cause flying metal chips. **WEAR SAFETY GOGGLES.** Flying metal chips can cause eye injury.

2. Install the Supports as shown in **Photos 2 & 3**. The end with the large hole goes to the rear and attaches at the open hole in the side of the vehicle frame. Insert the Nut w/Handle into the front of the frame and install the bolt snugly, but not fully tightened. Make sure the small pin is seated into the frame hole to help force the Support forward.

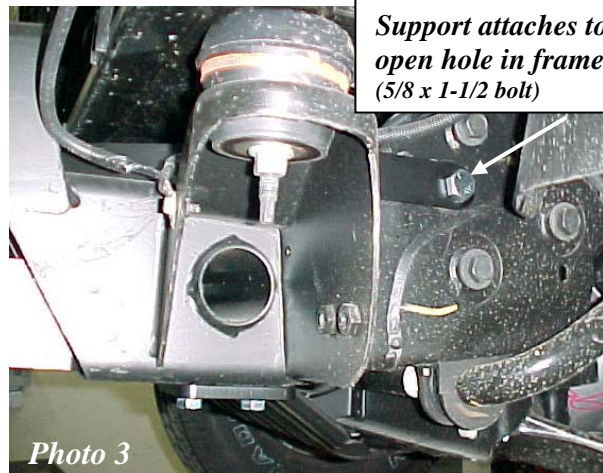
*Support – Drill front end to match upper drilled hole in frame tower.  
(7/16 x 1-1/2 bolt, lockwasher)*



*7/16 x 1-1/2 bolt, lockwasher, nut*

*Photo 2*

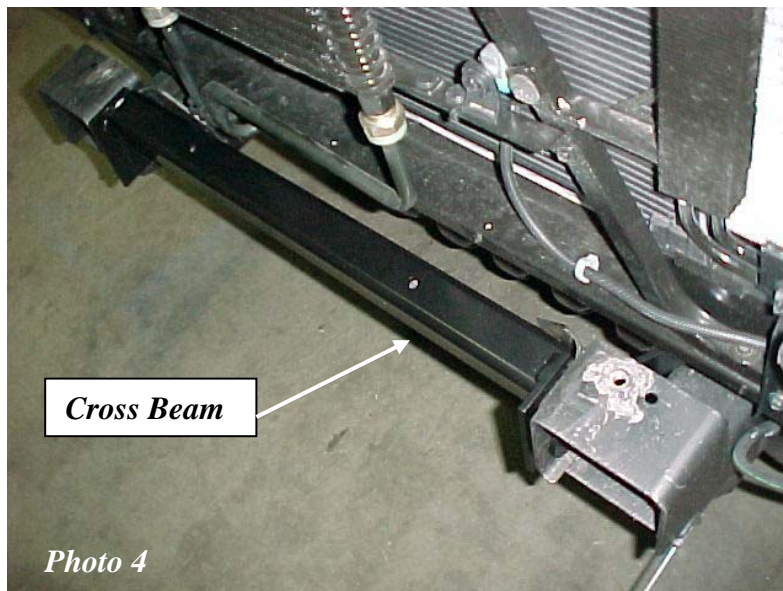
*Nut w/Handle inserted into frame*



*Support attaches to open hole in frame.  
(5/8 x 1-1/2 bolt)*

*Photo 3*

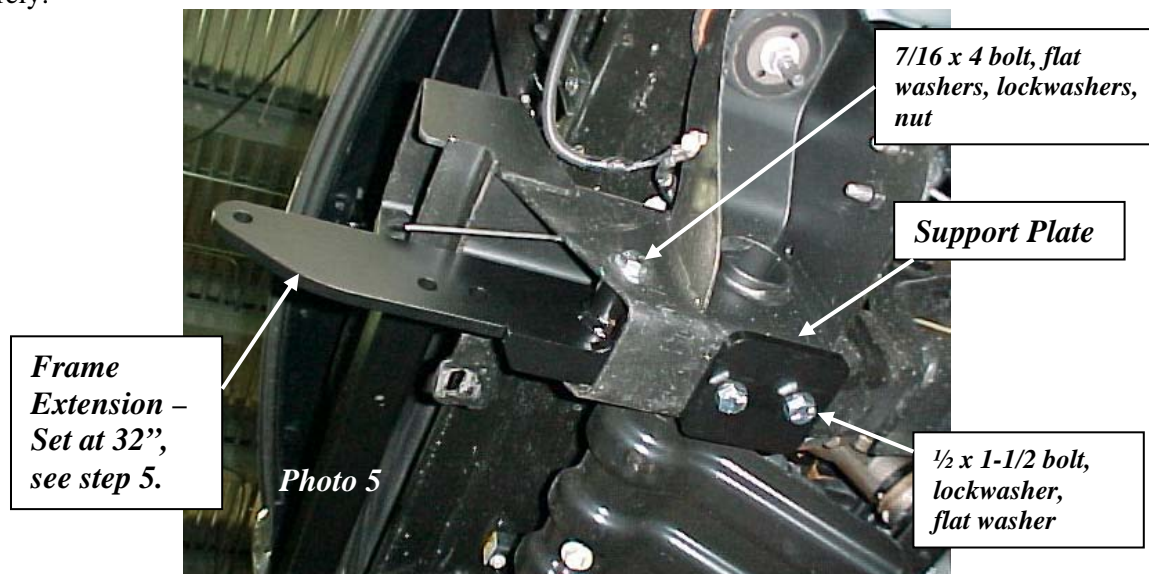
3. Pull the Supports forward firmly and mark the front end for drilling to match the upper hole drilled in the frame tower. Clamp in place or remove to drill a 7/16" hole.
4. Install the Cross Beam as shown in **Photos 2 & 4**. Pull the Beam firmly forward while tightening the bolts securely.



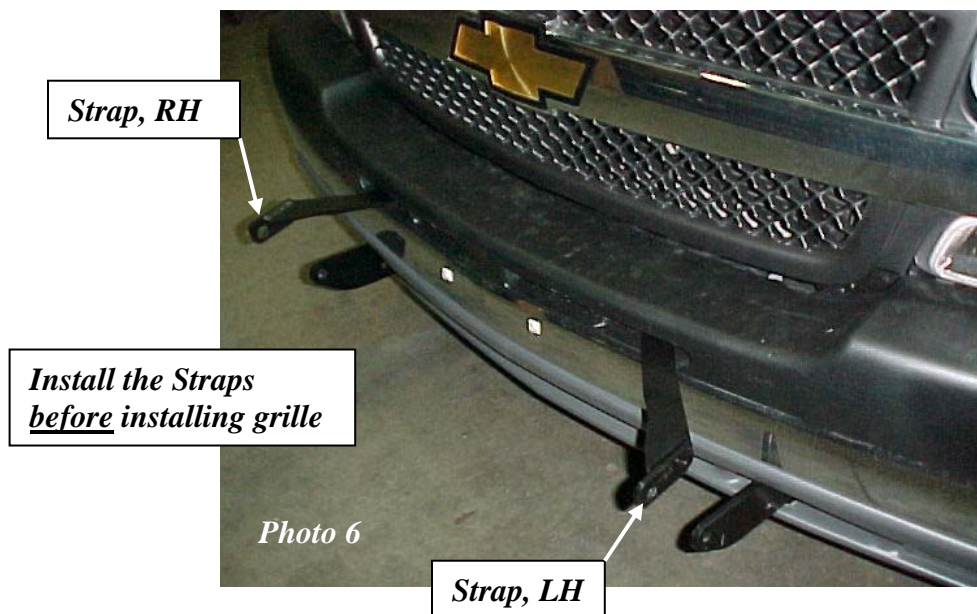
*Cross Beam*

*Photo 4*

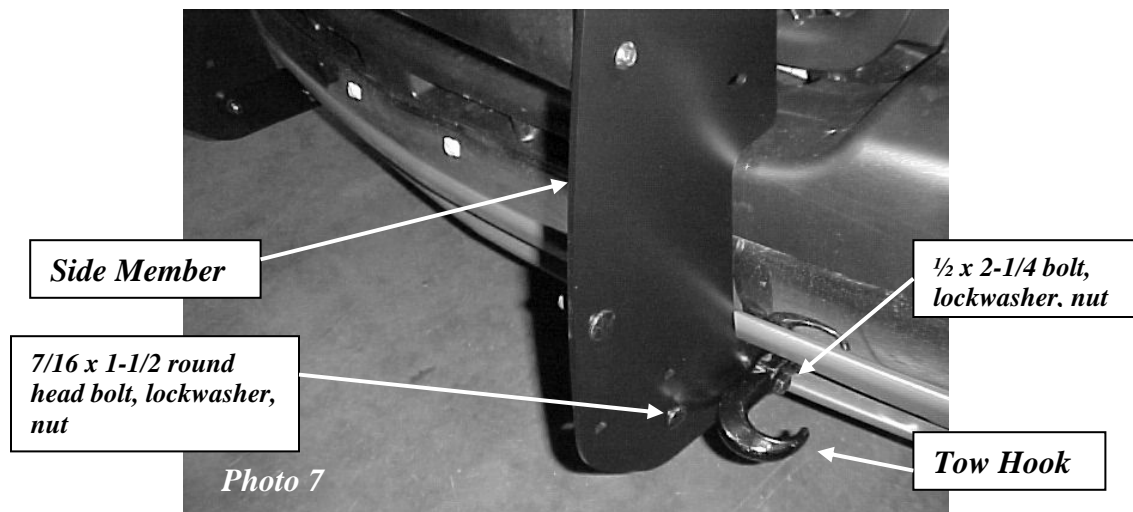
5. Install the Frame Extensions as shown in **Photo 5**. Use the Support Plates underneath the frame with the slot towards the rear. Measure across outer forward surfaces and hold the Frame Extensions at exactly 32" while tightening the bolts securely.



6. Reinstall the bumper. With the bolts started only, insert the right and left Straps thru the slots in the bumper as shown in **Photo 6**. Drop the 3" bolts down thru the inner end of the Straps and thru the Cross Beam. See **Photo 8**. Move or lift the bumper as required to get the bolts to drop down. Install lockwashers and nuts loosely.

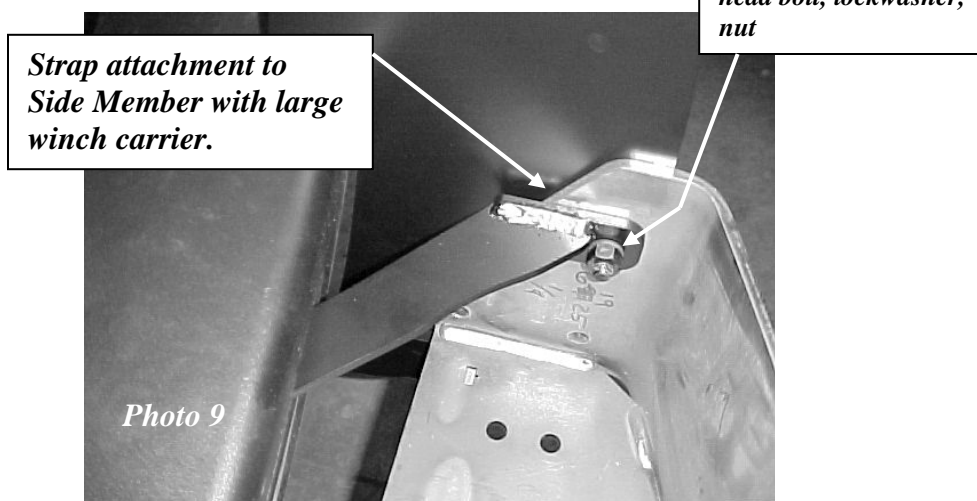
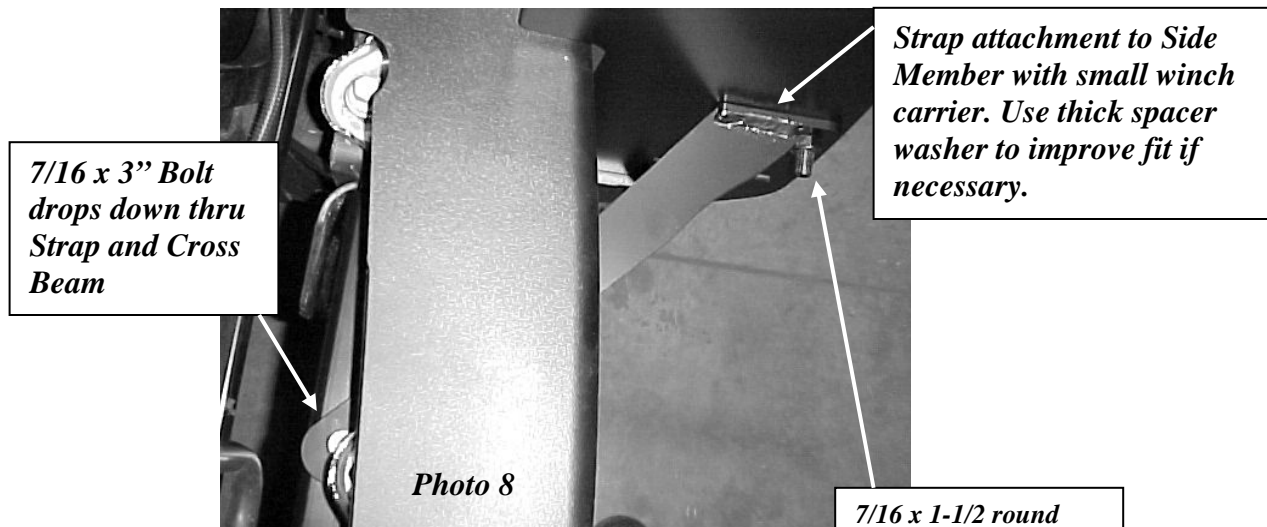


7. Carefully center the bumper side to side by checking the match-up to the front fenders on each side. Tighten all six bumper bolts securely. Reinstall fog light sockets. Reinstall plastic air baffle. The air baffle will be angled down and tight against bottom of Cross Beam. Reinstall grille.
8. Install the Side Members onto the Frame Extensions as shown in **Photo 7** and include the Tow Hooks at the inner lower holes. Leave fasteners loose.



9. If a winch carrier is being used, install it at this time. Install the upper Grille Guard Tube. **(Photo 10)**.

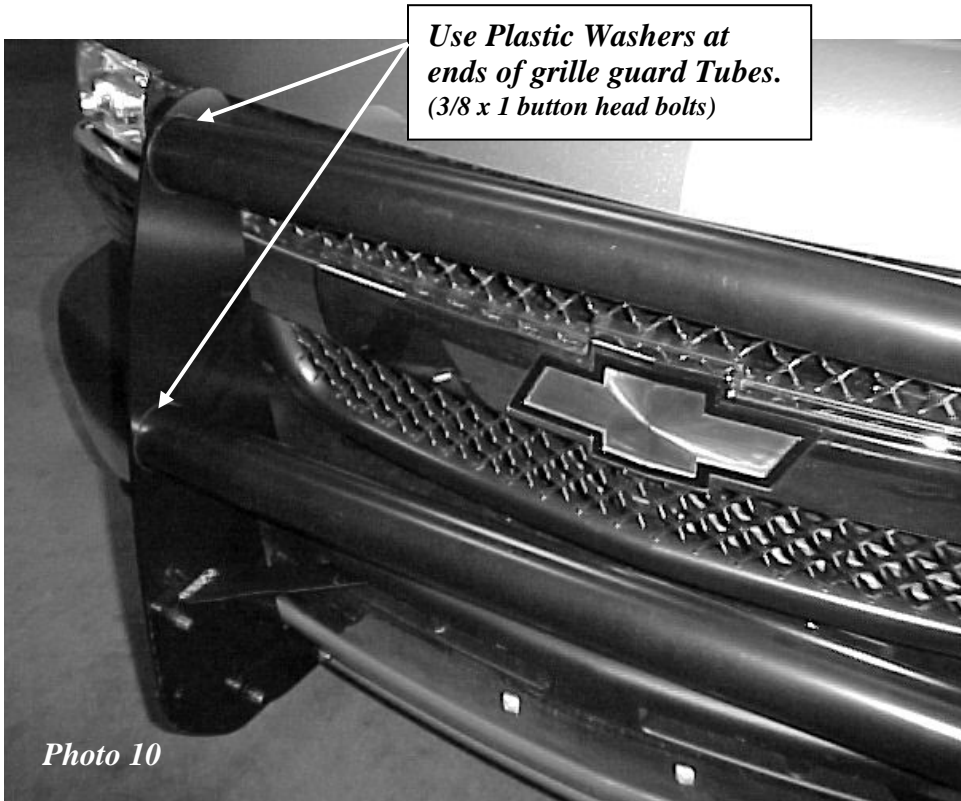
10. Install the Straps to the Side Members as shown in **Photo 8 or 9**, depending on winch carrier type.



11. Align the Grille Guard with the vehicle and securely tighten all the fasteners. To tighten the inner ends of the Straps, a wrench can be inserted thru the upper bumper slots to hold the bolt while reaching into the lower slot to tighten the nut.

12. Install the winch (if applicable) referring to the instructions packaged with the winch.

13. Install the lower Grille Guard Tube. **Photo 10.** Use the plastic washers at the ends of the Tubes.



14. Make the winch electrical connections (if applicable) to the side terminal battery using the supplied hardware shown in the following diagram.

