



INSTALLATION INSTRUCTIONS

Trans4mer Mounting System
Part No. 30090 (black)
Part No. 30091 (chrome)
for Chev & GMC S-series trucks

NOTE: GMC SLE only: This model has a plastic bumper cover which protrudes further than the Chevrolets and other GMC models. It will be necessary to cut slots into the plastic cover to clear the back edge of the side member. Size and location of slots to be determined by installer.

NOTE: Please read these instructions thoroughly before starting installation of this kit. Minor modifications may be required due to variations between vehicles.

PART LIST

<u>PART NO.</u>	<u>QUANTITY</u>	<u>DESCRIPTION</u>
30122	2	Side Member, Black
30145		Side Member, Chrome
30164	1	Lower Bracket, L. H.
30165	1	Lower Bracket, R. H.
29128	1	Tube Assembly, Black, 1.50
29129		Tube Assembly, Chrome, 1.50
29132	1	Tube Assembly, Black, 2.50
29133		Tube Assembly, Chrome, 2.50
30136	1	Upper Bracket, R.H.
30137	1	Upper Bracket, L.H.

This **Warn Trans4mer System** can be customized to give your Chevrolet or GMC truck 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 by Warn engineers to handle up to a 9000 lb winch. It is durable and good looking as a stand alone grill 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 pads for mounting auxiliary lights. The tubes can be mounted in various positions to achieve the look and function that you like. You can mount a winch carrier bracket that provides a permanent mount for a Warn winch. Or, you can 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 added to any of the options above.

Warn part numbers for available options

29169	Light Bar Kit, Black
29170	Light Bar Kit, Chrome
29165	Winch Carrier Kit (argent color matches winch)
30040	Winch Carrier Kit (M8274 winch only)
29166	Receiver kit (black only)
30146	Brush Guard Kit, Black
30147	Brush Guard Kit, Chrome

TORQUE SPECIFICATIONS

<u>Bolt size</u>	<u>Torque</u>
3/8 inch	30 LB. FT (40.7 N-m)
M 10 x 1.5	32 LB. FT (43.4 N-m)
7/16 inch	50 LB. FT (67.8N-m)
5/8 inch	150 LB. FT (203 N-m)

1. Remove the vehicle's grille as follows: Open hood and remove the four screws along the top edge of the grille. Remove the screw located above and the one located below the center emblem in the grille. Now a sharp pull at each end of the grille will disengage the metal clips. Pull the grille forward and rotate the light sockets if so equipped to disengage them.

2. Remove the tow hooks and the skid plate/air deflector panel from underneath the vehicle.

3. Refer to **Figure 1** and cut notches into the plastic air dam under the bumper.

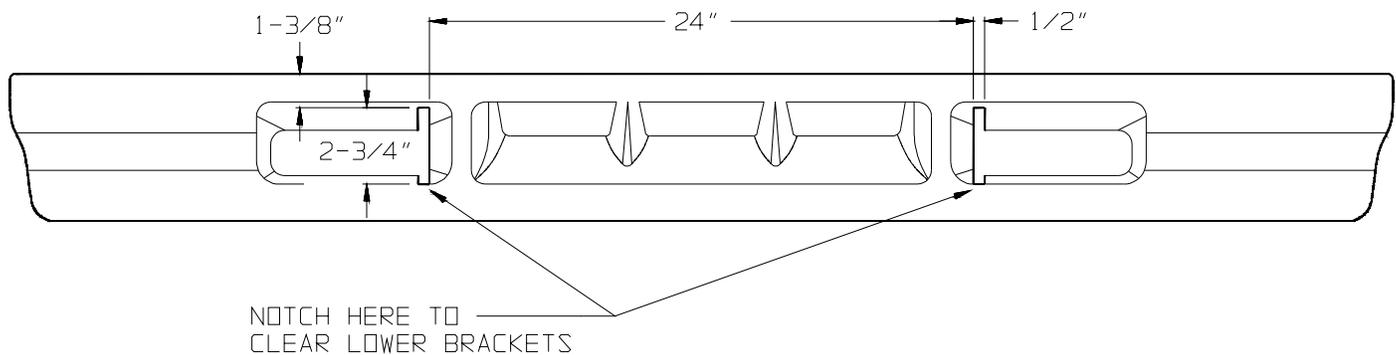
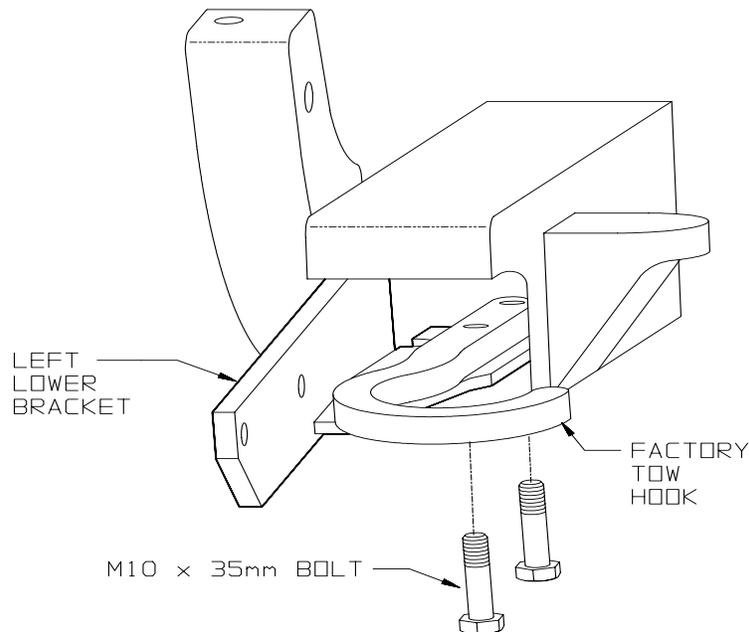


FIGURE 1

4. If the truck does not have the large plastic license bracket on the front bumper, proceed directly to step 5. If the truck has the factory bracket on the bumper, it must be removed to allow clearance for a winch carrier bracket. If a winch is not being mounted and the Trans4mer is being used only as a grille guard, the factory license bracket can stay. To remove the license bracket, some trucks will require removal of the bumper and others will not, depending on the type of plastic panels behind the bumper. If you can remove the center two air dam bolts (from behind the bumper) which also hold the bottom of the license bracket, the bumper can remain on the truck. Then pull or push out the center pins of the upper plastic fasteners to remove them. If you cannot get access to the bolts on the back of the bumper, the bumper must first be removed. To do this, remove the bolt at the outer end of each tubular side brace. Then remove the four Torx head bolts (size T50) that attach the bumper to the frame. Pull the bumper forward and disconnect the light sockets. Remove the license bracket and reinstall the bumper, but leave out the two upper Torx head bolts until step 6.

5. Install the lower brackets inside the frame using the factory tow hooks and the supplied longer bolts as shown in **Figure 2**. Leave all fasteners slightly loose until later.

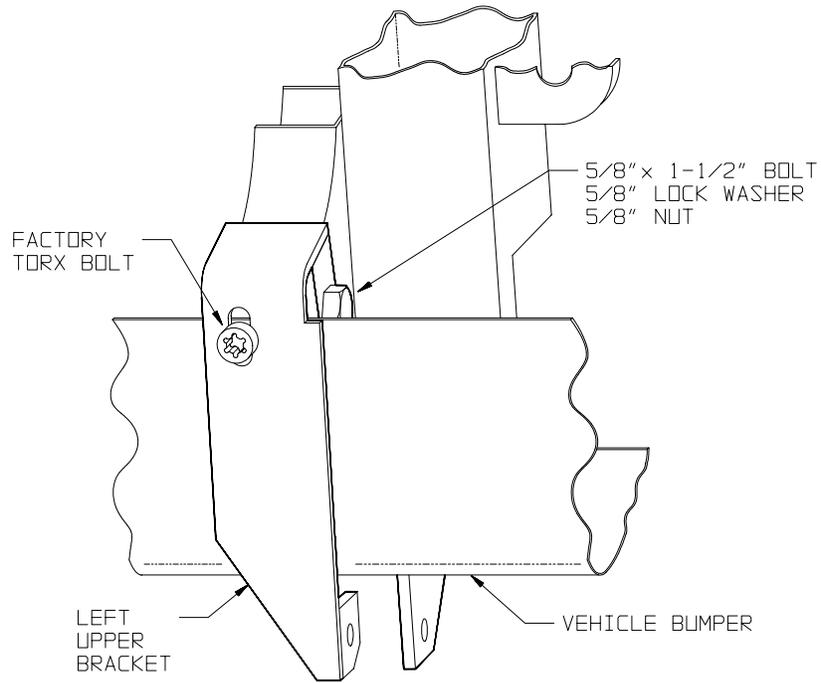
FIGURE 2



6. Install the upper brackets on top of the bumper as shown in **Figure 3**. The factory Torx bumper bolts are used at the slot in the brackets. The supplied 5/8 x 1-1/2 bolt is used at the side tab on the bracket and into the existing hole in the side of the frame tower.

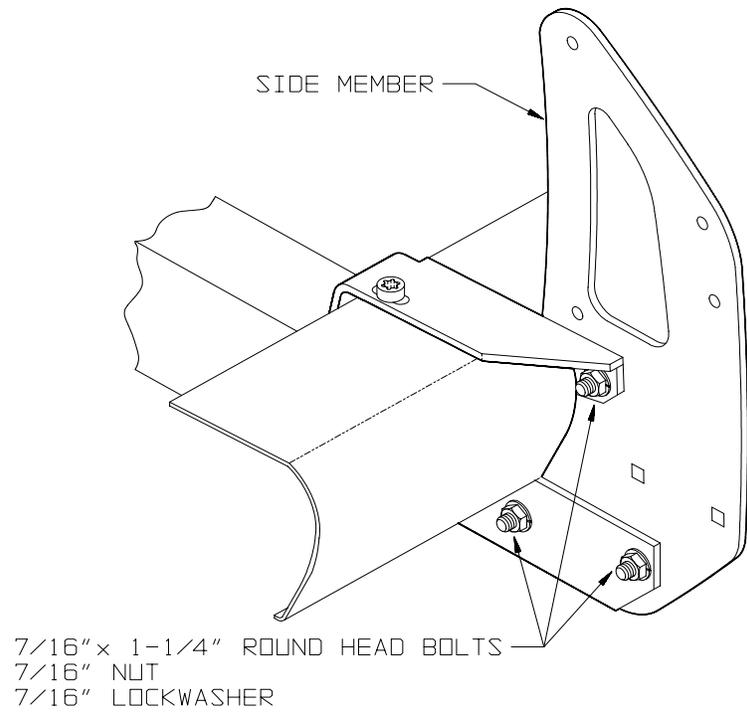
NOTE: Some of these trucks with heavy duty cooling option have plastic and foam pieces in this area that interfere with the installation of the upper brackets. The plastic and foam can be easily trimmed and flexed enough to allow installation of the brackets.

FIGURE 3



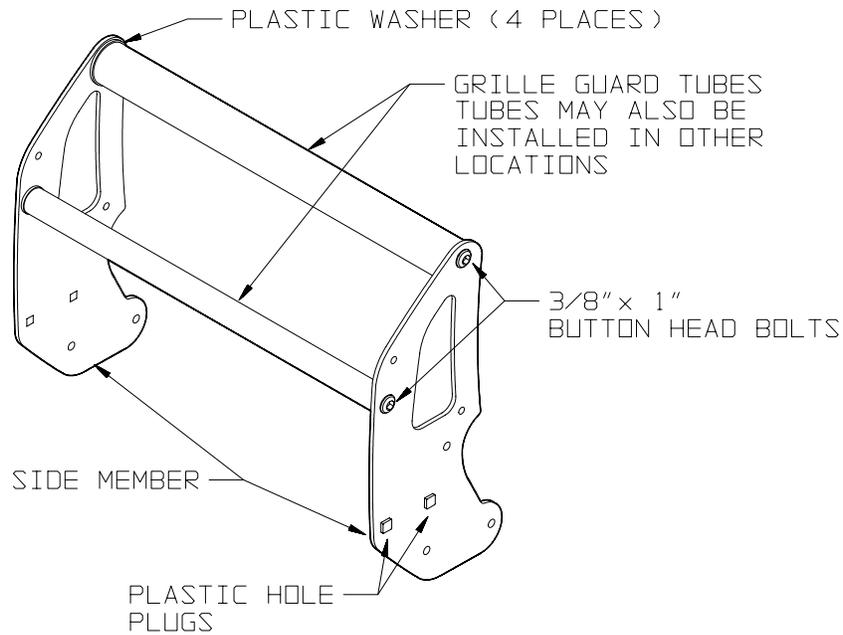
7. Set the grille in place, but do not snap it in securely yet. Install the side members on the outsides of the brackets as shown in **Figure 4**. **Note:** If brush guards are being installed, refer to those instructions now and get the brush guards in place before tightening the side member bolts.

FIGURE 4



8. If the Trans4mer is being installed as a grille guard and a winch is not being mounted at this time, install the tubes in any desired position as shown in **Figure 5**. If the Winch Carrier or Receiver Kit is being added, install a tube only in the top position and then refer to the specific instructions packaged with those items.

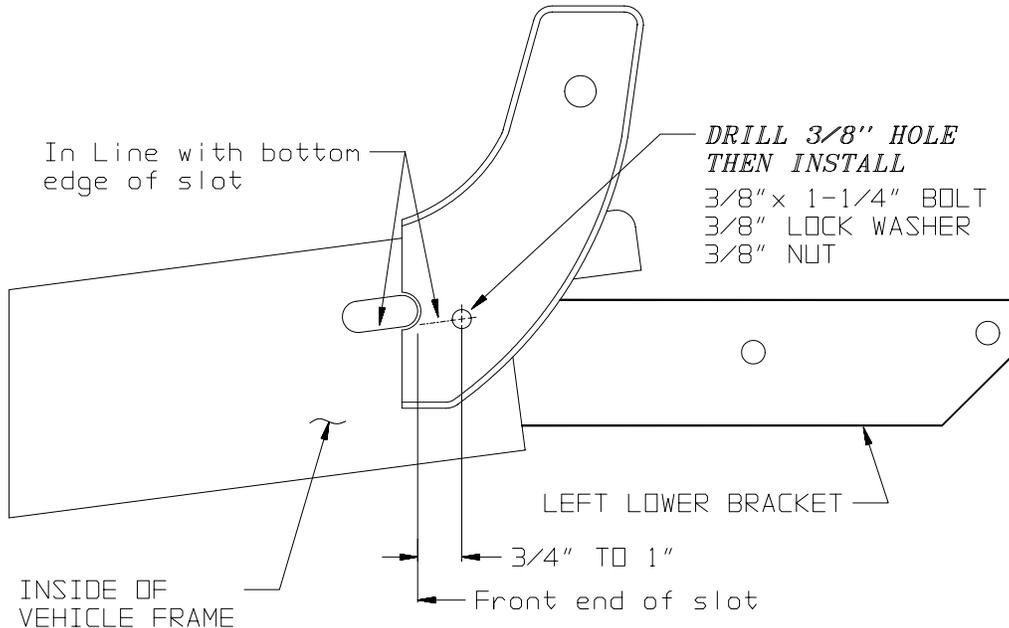
FIGURE 5



9. Align the entire assembly with the vehicle and tighten all fasteners securely. Since the grille should be in place, but not fastened, move it as necessary to obtain access to the upper bracket bolts.

10. Refer to **Figure 6** and center punch and drill a 3/8" hole on the inside of the frame on each side at the location shown. Drill thru both the frame and the lower bracket and then install the 3/8 x 1-1/4 bolt and tighten securely.

FIGURE 6



11. Secure the grille making sure the metal clips line up with the slots on each end. Give a quick push to snap into place. Reinstall the skid plate/air deflector.

12. When connecting winch electrical cables to a GM side terminal battery, use the fasteners provided as shown in **Figure 7**.

FIGURE 7

