



Installation Instructions BX1634 Chevrolet Impala 1999-05

Serial No.

The front bumper molding and headlights need to be removed for installation of this baseplate. All holes need to be drilled. The inner grill molding needs to be trimmed. If using a car mounted tow bar it is necessary to install a BX88133 or BX88135, depending on the tow bar.

1. Open the hood and remove the top push pins and the two rubber pieces holding the top of the grill and fascia.
2. Remove the screws that are directly in front of the front tires to the bumper fascia. Pull the molding out and remove the 11mm molded nuts (2 on each side), which fasten the fenders to the bumper fascia.
3. Remove the screws holding the bottom of the bumper fascia. Pull down on the back of the fascia (by the tires) and pull forward to remove.
4. Remove the bolts holding the inner grill plastic which is connected to the bottom of the metal bumper.
5. Notice on each side of the frame behind the bumper is a piece of rubber fastened to the frame. Remove the push clips and pull the rubber piece back and out of the way for installation of the baseplate. Remove the horn from the frame (passenger side). It will be replaced later once the baseplate is installed.
6. Hold the baseplate up so the side plates are positioned on the outside of the frame and the front braces are up to the bottom of the metal bumper. Pull the baseplate up to the back side of the frame. Be sure the holes on the braces (to the bottom of the metal bumper) are centered as much as possible. Clamp the baseplate to the frame.
7. Mark and drill a hole (3/8") for the braces (going to the bottom of the bumper). Insert a 3/8" bolt plate (Item 4) through the side of the bumper, inserting the bolt through the new hole and baseplate. **Apply Loctite to the bolt and thread a 3/8" nut with lock washer, tightening the bolt according to the chart in the General Instruction sheet.**
8. Keeping the baseplate clamped to the vehicle, drill and bolt the rest of the holes for the baseplate. Insert the 3/8" nut plates with wire (Item 3) in the large opening in the side of the frame. The wiper fluid reservoir needs to be loosened for access to the hole for inserting the 3/8" wire nuts (Item 3) on the passenger side. Bolt the horn bracket (Item 2) to the bottom hole. See drawing on page 2. **Be sure to use Loctite on each bolt.**
9. Hold the inner grill molding to its original position. Mark and trim the piece so it can be installed. Some of the push pins (to the bottom of the bumper) can not be replaced due to the nut plates inside the bumper. Replace the rubber side pieces to the frame.
10. Replace the bumper fascia.
11. DEALER OR INSTALLER: BE CERTAIN THE USER RECEIVES THE INSTRUCTION SHEET.



Automatic

Tools Required

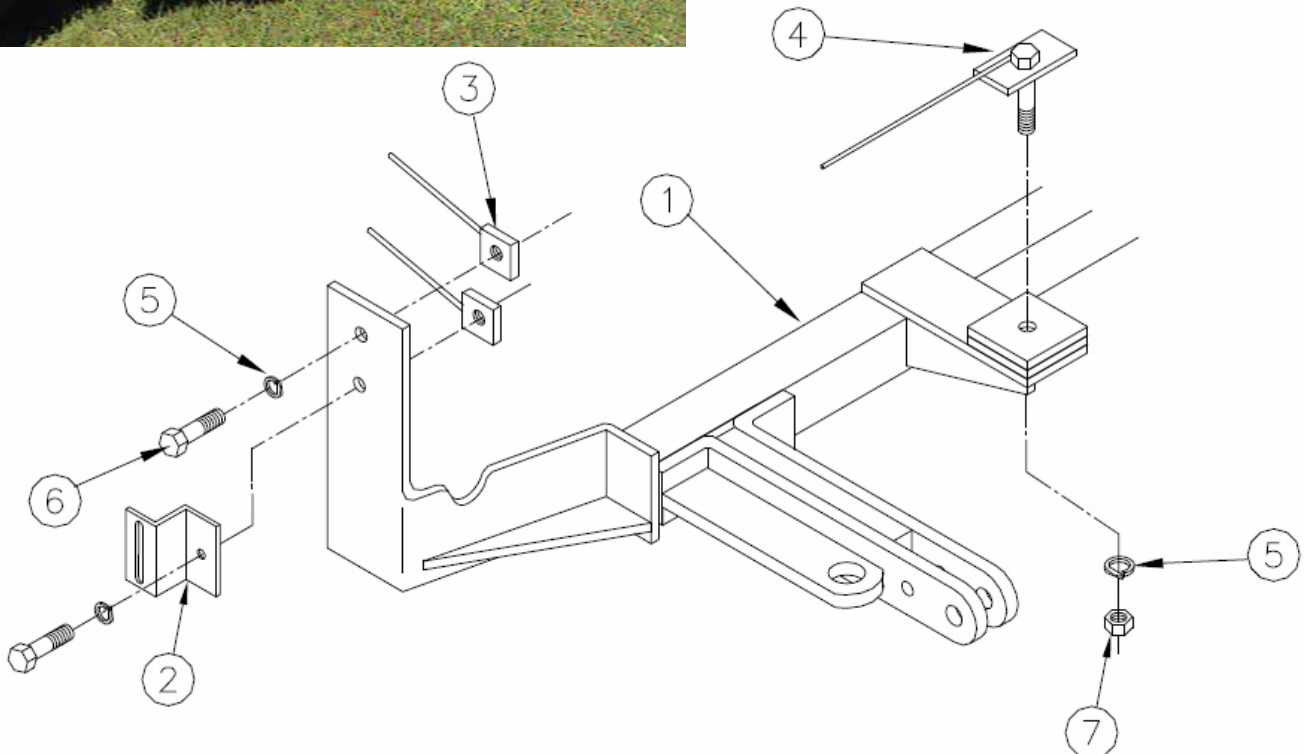
11MM Wrench
Phillips Screw Driver
10MM Wrench

9/16" Socket
13/32" Drill Bit
Flat Screw Driver

Loctite Red
Utility Knife

Parts List

Ref. No.	Qty.	Part No.	Description
1	1	61-5400	Weldment, Baseplate BX1634
2	1	101-5967	Horn Bracket
3	4	61-5208	3/8 Wire Nut Plate
4	2	61-5419	3/8" Bolt Plate
5	6	203-0010	3/8 Lock Washer
6	4	201-0440	3/8-16 x 1 1/2" Hex Bolt, Grade 5
7	2	202-0003	3/8" Hex Nut



General Information

1. Ensure that your product(s) are registered online at www.blueox.com. It is crucial to register your product(s) so that you may be alerted of product offerings, updates, upgrades, maintenance and safety bulletins, and/or recalls.
2. **It is the owner's responsibility to inspect all towing equipment for cracked welds, missing or worn parts and loose bolts before each towing trip.** Be sure to use Loctite® Red on all bolts and tighten to the recommended specifications.
3. **It is the owner's responsibility to hook up all towing equipment per manufacturer's instructions/recommendations.**
4. Remove the attachment tabs when not in use (if applicable).

Notice To Baseplate Installer

1. It is YOUR responsibility to watch for:

- Oil cooler and air conditioner lines
- Electrical wires and hoses
- Missing parts or attaching points on the frame

** If the baseplate is improperly installed and is against a wire or hose, it could cause fluid leaks or electrical shorts some time after the actual baseplate installation.

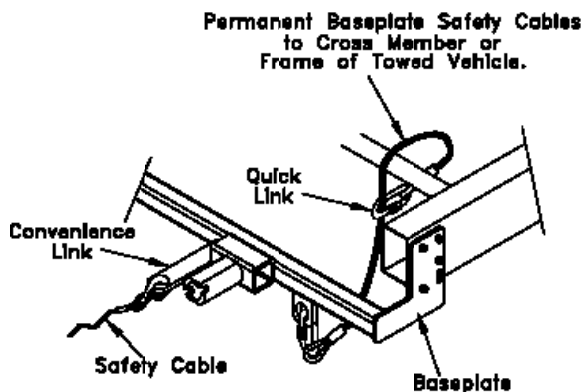
Permanent Baseplate Safety Cable Installation

Permanent baseplate safety cables are strongly recommended when towing a vehicle with a tow bar. The principle function of the permanent baseplate safety cables is to prevent the towed vehicle from breaking loose in the event the connection between the frame of the towed vehicle and the baseplate fails or becomes disconnected. The cables must be connected from the baseplate to the frame rail or cross member of the vehicle's frame. The illustrations below show the possible arrangements recommended by Blue Ox®. Each permanent baseplate safety cable must have an adequate weight rating for the towing system. The weight rating of the two (2) cables together will not qualify.

Do not mount the permanent baseplate safety cables against wires, hoses or brake lines.

These permanent baseplate safety cables should remain installed as long as the baseplate is installed on the vehicle. Permanent baseplate safety cables are to be used in conjunction with, and NOT a replacement for legally required safety cables attaching the towed vehicle to the towing vehicle.

OPTION #1



OPTION #2

