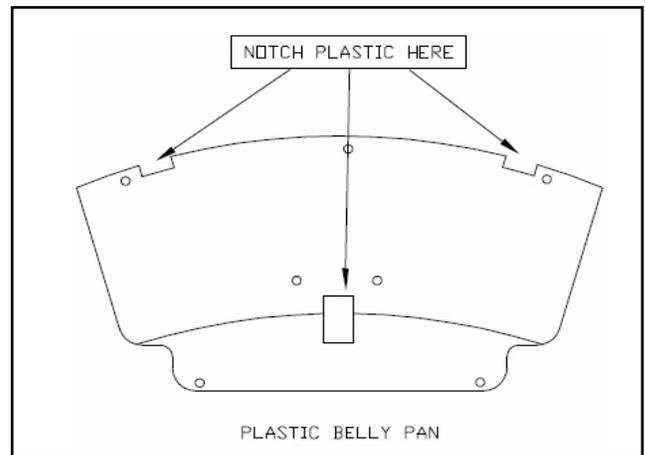




## BX1504 Installation Instruction 1997-00 Buick Park Avenue

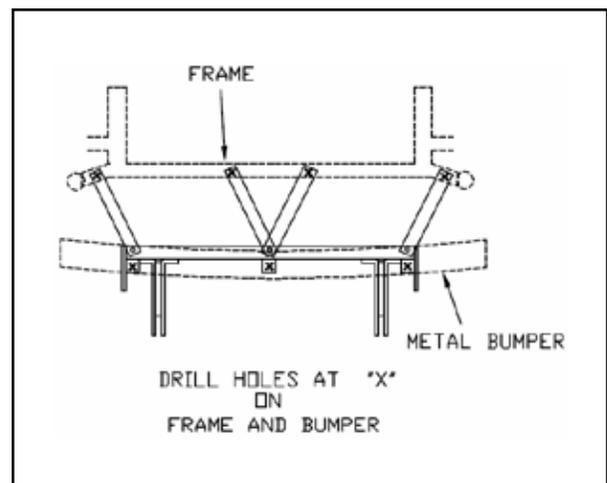
To install the baseplate it is necessary to remove the bumper molding. Holes need to be drilled and the lower belly pan needs to be trimmed to give way for the baseplate braces. The attachment tabs will extend through the grill opening approximately four inches.

1. Remove the screws located directly in front of the tires fastening the fender well molding to the bumper molding. There are two screws on each side of the vehicle. Pull the plastic back and remove the two inside bolts (10mm) that hold the quarter panels to the bumper molding.
2. Remove the lower plastic rock guard directly behind the bumper molding. There are six push pins that hold the guard to the car. Now the bumper can be removed from the car.
3. Find the center of the aluminum bumper. Hold the baseplate up to the bottom side of the bumper (at its center) and clamp it to the frame. Drill the center hole and bolt the baseplate to the bumper using the 1/2 x 1 1/2 bolts. Be sure the baseplate is square and drill the remaining outside holes. Bolt the baseplate to these holes using the same hardware. Be sure to use Loctite Red on each bolt to ensure they will not loosen while the vehicle is being towed.
4. Notice the main frame directly behind the baseplate and bumper. The four braces included with the kit will fasten to the baseplate and extend back to the frame of the vehicle. The two short braces go on the outside and the long brace is for the center. Use the 1/2 x 1 1/2 bolts with nuts and lock washer for bolting the braces to the baseplate. Do not tighten completely. Hold the braces to the frame as shown in the diagram and drill 1/2 inch holes. Using the 1 1/4 inch bolts with the 1/2 inch nuts and washers, bolt the outside braces to the frame. Again use Loctite on each bolt and tighten.



NOTE: Do not bolt the center brace to the frame. It will be easier to fasten the lower plastic belly pan.

5. Replace the bumper molding. Trim the lower belly pan so it fits around the braces. Cut a notch in the center and outside edges of the belly pan and slide it over the center brace instead. The center push pin will not be used.
6. Bolt the center brace to the frame of the car using the hardware used with the outside braces.
7. Install the tow bar and safety cables according to the instructions included in their packages.
8. Do not substitute other devices if the two bar pins and clips are lost.
9. DEALER OR INSTALLER: BE CERTAIN THE USER RECEIVES THE INSTRUCTION SHEET.



# Automatic

Automatic Equipment Mfg. Co.  
One Mill Road, Industrial Park • Pender, Nebraska 68047

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Equipment Mfg. Co. Pender,  
NE 68047

## Tools Required

10MM Wrench  
1/2 Drill Bit  
10MM Socket

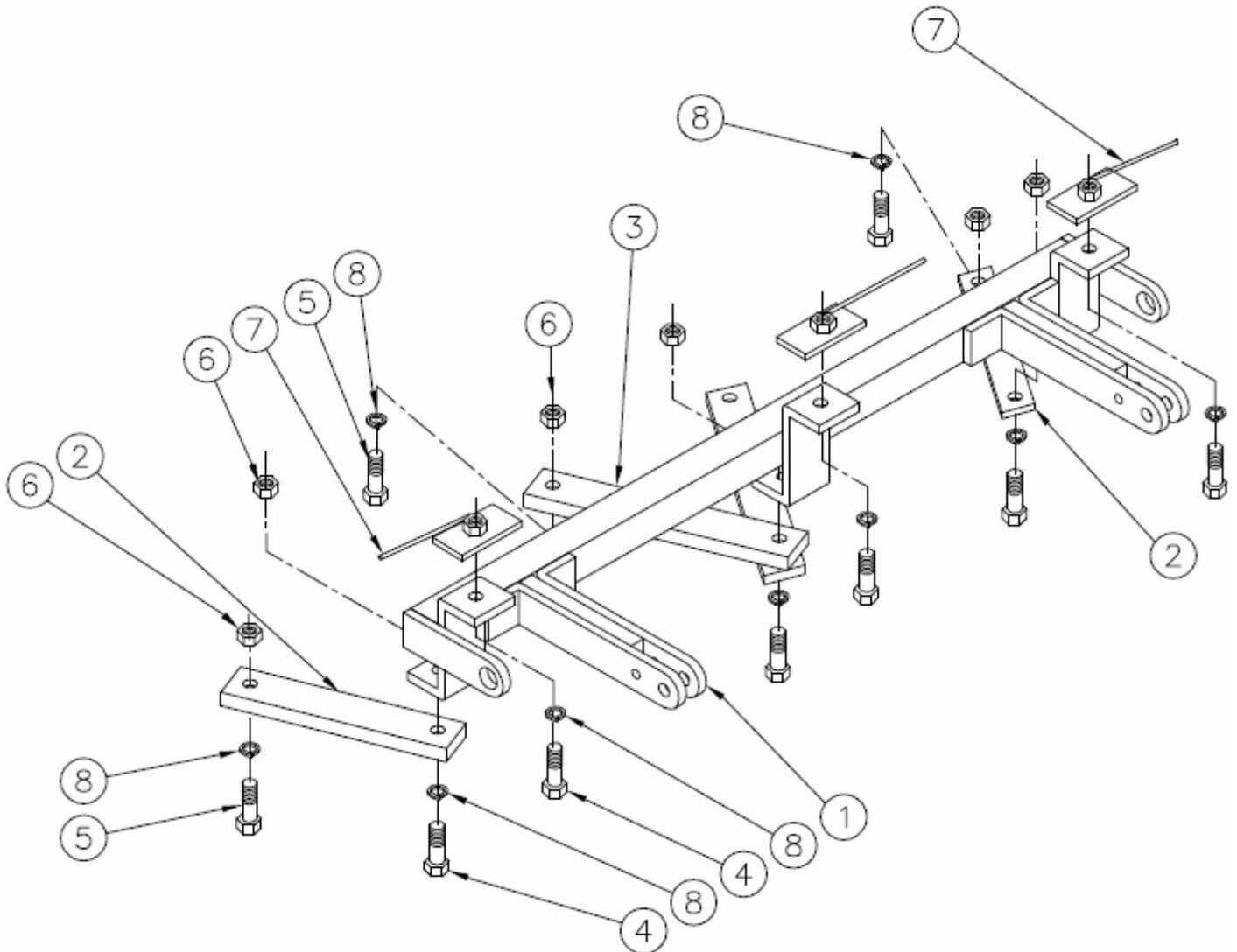
3/4 Wrench  
C-Clamps  
Extension

3/4 Socket  
Utility Knife

Loctite Red  
Measuring Tape

## Parts List

Ref. No.	Qty	Part No.	Description
1	1	61-5198	Weldment, Baseplate BX1504
2	2	102-5474	Short Brace, BX1504
3	2	102-5473	Long Brace
4	6	201-0051	1/2-13 x 1 1/2 Hex Bolt, Grade 5
5	4	201-0011	1/2-13 x 1 1/4 Hex Bolt, Grade 5
6	7	202-0005	1/2-13 Hex Nut
7	3	61-5199	1/2 Nut Plate with 30" Wire
8	10	203-0012	1/2 Lock Washer
	2	226-0046	Baseplate Safety Cable, 36" CL III (Not Shown)
	4	229-0359	Quicklink, 3/8, ZP (Not Shown)



# General Information

1. Ensure that your product(s) are registered online at [www.blueox.com](http://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

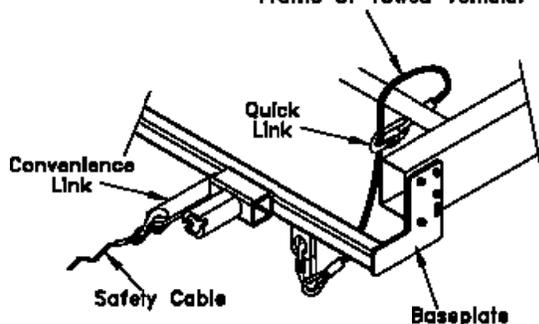
Permanent baseplate safety cables are strongly recommended when towing a vehicle with a tow bar. The principle function of the permanent baseplate safety cables is to prevent the towed vehicle from breaking loose in the event the connection between the frame of the towed vehicle and the baseplate fails 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

Permanent Baseplate Safety Cables to Cross Member or Frame of Towed Vehicle.



### OPTION #2

Permanent Baseplate Safety Cables to Cross Member or Frame of Towed Vehicle.

