



**BX3731 Installation Instructions
1997-99 Toyota Camry
2000-01 (4 Cylinder Only not LE)**

Utilization of Blue Ox baseplates with any tow bar not approved by Automatic Equipment Mfg. Company invalidates the limited warranty.

Installation of this baseplate requires unbolting the headlights and removing the bumper, the turn signals, and the plastic covers around the tie down mounts. Holes will need to be drilled in both the bumper and the tie down mounts.

1. Read the General Instruction Sheet included with this baseplate.
2. The bumper needs to be removed to allow installation of the baseplate. Remove the turn signals by locating and removing a plastic rivet outboard of the headlight assembly. The plastic rivet is removed by pulling out the center plug and then pulling the rivet out of the hole. Pull the turn signal forward and unplug the bulb. Repeat on the opposite side.
3. Using a 10mm wrench, unbolt the headlights. There is one bolt on top of the headlight and the other was hidden by the turn signal. The assemblies are held in position by snap latches. Use a small screwdriver to push the tabs in and then pull the assembly out and unplug the bulbs. Repeat for the opposite side.
4. Remove the plastic covers around the tie down mounts. On top of the bumper there are two bolts and a plastic rivet. In the top of the grill opening there are two plastic rivets. Pull the black cover back inside the fender well. Where the bumper meets the front fender panel there is a bolt on each side.
5. With all the bolts and rivets removed, there are two tabs, one at the base of the turn signal opening and one on the inside of the headlight opening, release these tabs and pull the bumper forward and off.
6. Under the mounts for the bumper there are two stud bolts on each side. The slotted top holes in the end mounts fit over these studs. Snug up the 8mm nuts and washers to hold the baseplate in position.
7. The upper mounts should be flush against the bottom of the metal inner bumper. Using the baseplate as a template, drill 17/32" holes in the bumper. Use the 1/2" bolts, washers, and nut plates supplied to secure the baseplate to the bottom of the bumper. Apply Loctite before tightening (use pri-bar to insert nut plate through end of bumper). Apply Loctite and tighten the 8mm nuts on the studs.
8. The remaining holes in the end mounts align with the tie down mounts. Use the baseplate as a template and drill the a 13/32" hole in the tie down mount. Bolt the baseplate to the tie down using the 3/8" hardware provided. Use as many flat washers as necessary to fill the space between the baseplate and the tie down. Apply Loctite tighten the bolts completely. Make sure all bolts are tight.
9. Reverse steps 2-5 to replace the bumper.
10. The dimensional variations between otherwise identical cars can be considerable. While the location and size of the holes in the baseplate were designed to allow for easy installation, it may be necessary to file a hole slightly to allow a bolt to clear.

Automatic

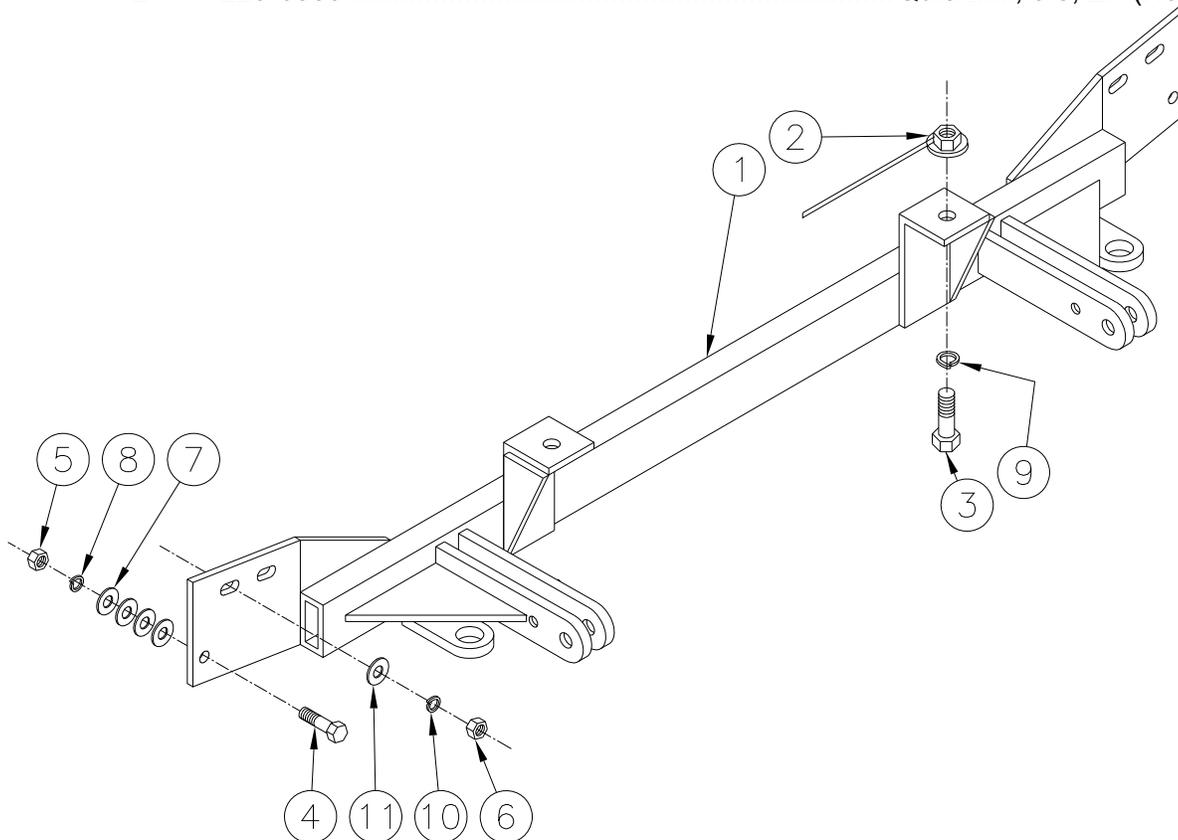
11. Install the tow bar and safety cables according to the instructions included in their packages.
12. Do not substitute other devices if the tow bar pin and clip are lost.
13. DEALER OR INSTALLER: BE CERTAIN THE USER RECEIVES THE INSTRUCTION SHEET.

Tools Required

Small Flat Screwdriver	10mm Wrench	3/4" Wrench
9/16" Wrench	13mm Wrench	Drill
17/32" Drill Bit	13/32" Drill Bit	Loctite Blue

Parts List

Ref. No.	Qty.	Part No.	Description
1	1	61-4957	Weldment, Baseplate, BX3731
2	2	61-5342	1/2" Nut Plate with 14 inch Wire
3	2	201-0051	1/2-13 x 1 1/2 Hex Bolt, Grade 5
4	2	201-0440	3/8-16 x 1 1/2 Hex Bolt, Grade 5
5	2	202-0003	3/8-16 Hex Nut
6	4	202-0118	8mm-1.25 Hex Nut
7	16	203-0003	3/8 Flat Washer
8	2	203-0010	3/8 Lock Washer
9	2	203-0012	1/2 Lock Washer
10	4	203-0102	8mm Lock Washer
11	4	203-0107	8mm Flat Washer
	2	226-0046	Baseplate Safety Cable, 36" CL III (Not Shown)
	2	229-0359	Quicklink, 3/8, ZP (Not Shown)



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

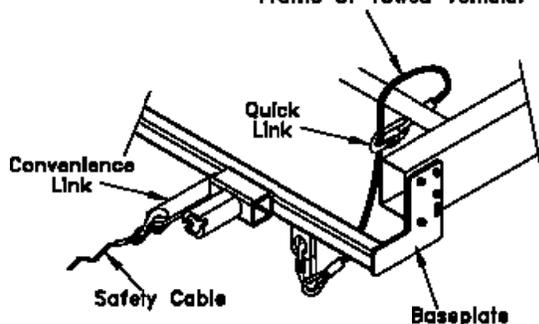
Permanent baseplate safety cables are strongly recommended when towing a vehicle with a tow bar. The principle function of the permanent baseplate safety cables is to prevent the towed vehicle from breaking loose in the event the connection between the frame of the towed vehicle and the baseplate fails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

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.

