



**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.

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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)

