



Strong As An Ox™

BX3762 Installation Instructions 2004-06 Toyota Solara

Serial No.

The front fascia and metal bumper are removed for baseplate installation. Holes will need to be drilled. The bulb and socket kit (BX8869) is available for the vehicle. Attachment Tabs are 18 inches center to center and a height of 15 inches.



1. Remove metric bolt (Black arrow) with the 10MM socket, on both sides, and three push pins (White arrow) on top side of fascia.



2. Using the 10MM socket remove seven metric bolts on the bottom edge of fascia.



3. Just forward of front tires, on fascia and wheel well edge is one plastic screw to remove, on both sides and one push pin just above front tire on edge of wheel well, on both sides.



4. Just forward of front tires, on fascia's corner, remove one metric bolt with the 10MM socket, on both sides, pull fascia's corner to the side and forward, set aside.

5. Remove the three metric bolts from the (Driver's side shown) metal bumper with the 14 MM socket, on both sides, pull metal bumper forward and set aside.





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6. Hold base plate in place and align back holes with existing holes on frame, on both sides. Then insert 1/2-13 Whiz nut, with 10 inch wire, into opening on frame end to align with existing lower back hole of base plate, tighten 1/2-13 hex bolt and lock washer, on both sides. While maintaining a level position for the attachment tabs, tighten all bolts. **Be sure and use Loctite red on all bolts before tightening. Tighten all bolts according to torque chart in the General Instruction sheet.**



8. Remove the two metric bolts from the metal bumper, pull bumper forward and set aside. Using the base plate as a template, drill the three remaining holes on end plate into frame with the 13/32" drill bit, on both sides. Insert the 3/8-16 nut plates into opening on the end of frame to align with drilled holes, insert the 3/8-16 x 1 1/4' hex bolts and lock washers through base plate, drilled holes and tighten into nut plates on both sides. **Be sure and use Loctite red on all bolts before tightening. Tighten all bolts according to torque chart in the General Instruction sheet.**



7. Replace metal bumper with one bolt on each side and clamp the end plate of base plate to the bottom of metal bumper, on both sides. Using the baseplate as a template, drill the lower hole on end plate into lower frame webbing with the 13/32" drill bit, on both sides. Insert the 3/8-16 x 1 1/4' hex bolt through base plate, drilled hole, tighten the 3/8-16 hex nut and lock washer, on both sides. **Be sure and use Loctite red on all bolts before tightening. Tighten all bolts according to torque chart in the General Instruction sheet.**





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9. Reinstall metal bumper. Using the base plate as a template, drill a hole into the bottom of the metal bumper with the 13/32" drill bit, on both sides. Insert the 3/8-16 nut plate with the 12 inch wire into the opening on the front of bumper to align with drilled hole, tighten the 3/8-16 hex bolt and lock washer, on both sides. **Be sure and use Loctite red on all bolts before tightening. Tighten all bolts according to torque chart in the General Instruction sheet.**



10. Reinstall molded styrofoam on the front of metal bumper and fascia. **Be sure all electrical connections are plugged in properly.**

11. The dimensional variations between otherwise identical cars can be considerable. While the base plate was designed for easy installation, it may be necessary to tailor the baseplate slightly to compensate for auto manufacturers' tolerances. These minor adjustments may include filing a hole slightly, bending electrical rods, adding shims and/ or bending endplates.

12. Install the tow bar and safety cables according to the instructions included in their packages.

13. Do **not** substitute other devices if the tow bar pin and clip are lost.

14. **DEALER OR INSTALLER: BE CERTAIN THE USER RECEIVES THE INSTRUCTION SHEET.**





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Tools Required

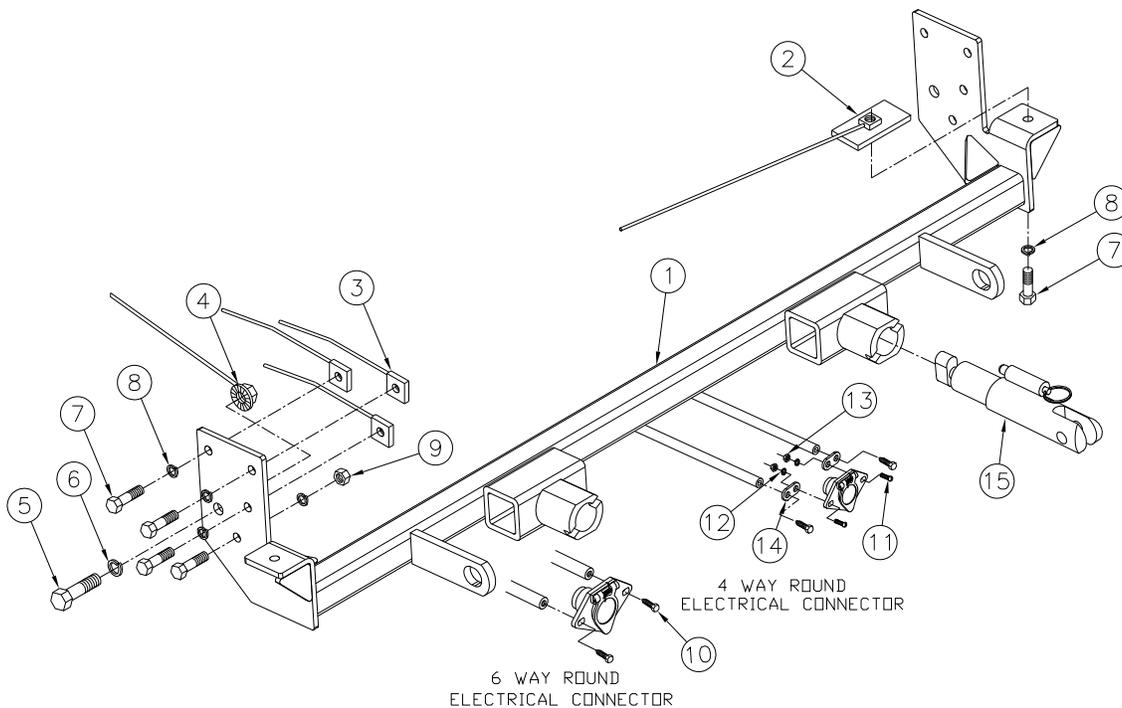
10MM Socket
14MM Socket
Vise Grips

9/16" Socket
3/4" Socket
Loctite Red

13/32" Drill Bit
17/32" Drill Bit

Parts List

Ref. No.	Qty.	Part No.	Description
1	1	61-6133	Weldment, Base Plate, BX3762
2	2	61-5556	Weldment, 3/8-16, Nut Plate, with 12 inch Wire
3	6	61-5208	Weldment, 3/8-16, Nut Plate, with 14 inch Wire
4	2	61-4029	1/2-13, Whiz Nut, with 10 inch Wire
5	2	201-0011	1/2-13 x 1 1/4 Hex Bolt, Grd. 5, ZP
6	2	203-0012	1/2 Lock Washer, ZP
7	8	201-0368	3/8-16 x 1 1/4 Hex Bolt, Grd. 5, ZP
8	8	203-0010	3/8 Lock Washer, ZP
9	2	202-0003	3/8-16 Hex Nut, ZP
10	2	201-0979	#12-14 x 1" Self Drilling Screw, ZP
11	2	201-0192	#10-32 x 1/2 Slot, Rd. Hd. Screw
12	2	203-0054	#10 Lock Washer
13	2	202-0047	#10-32 Hex Nut
14	2	101-5822	Adapter, 4 Way Connector
15	2	62-3468	Attachment Tab, SF/SB, ZP
	2	226-0046	Baseplate Safety Cable, 36" CL III (Not Shown)
	2	229-0359	Quicklink, 3/8, ZP (Not Shown)
	2	290-0437	Receiver, Cap Plug (Blk) (Not Shown)



IMPORTANT: Use only genuine factory replacement parts on your Base Plate. Do not substitute homemade or non-typical parts. If a bolt is lost or in need of replacement, for your safety and the preservation of your Base Plate, be sure to use a replacement bolt of the same grade (Usually Grade 5, refer to parts list). Repair parts may be ordered through your nearest **Blue Ox** dealer or distributor.

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

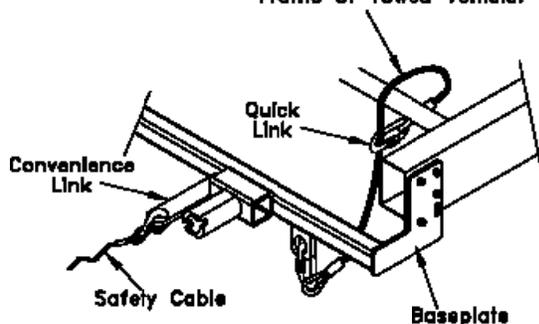
Permanent baseplate safety cables are strongly recommended when towing a vehicle with a tow bar. The principle function of the permanent baseplate safety cables is to prevent the towed vehicle from breaking loose in the event the connection between the frame of the towed vehicle and the baseplate fails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

