



Baseplate Installation Instructions

BX3753

2004 Toyota Scion XB Installation Instructions

Serial Number

Please read BOTH these Installation Instructions and the General Towing Instructions before attempting to install or operate this equipment.

- Blue Ox® towing products and accessories are intended to be installed by Blue Ox® Dealers who are familiar with our products and have the equipment and knowledge to do “fit work.” When necessary, Blue Ox® Dealers can be found at www.blueox.com or by contacting our Customer Care Department at (402) 385-3051.
- Many Blue Ox® Baseplates are designed to use existing holes and hardware to mount the baseplate to the towed vehicle. Even though bolts are there, do not assume they are adequate for baseplate mounting. Always use hardware supplied in the hardware kit or existing hardware specified in the Baseplate Towing Installation Instructions.

Attachment Tab Height: 13 3/4”
Attachment Tab Width: 24”

Bolt Torque Specifications

Torque in Foot-Pounds for Metric Bolts

Bolt Size	Grade 8.8	Grade 10.9
6MM	6	8
8MM	16	22
10MM	31	40
12MM	54	70
14MM	89	117

Confirm the towability and pre-towing procedures for your vehicle with the owner’s manual or contact the vehicle’s manufacturer for specific towing procedures.

Bolt Torque Specifications

Torque in Foot-Pounds for Inch Bolts

Bolt Size	Grade 5	Grade 8
1/4”	10	14
5/16”	19	29
3/8”	33	47
7/16”	54	78
1/2”	78	119
5/8”	154	230



If the front of your vehicle looks different than this, call us at (402) 385-3051.

WARNING

Failure to read and follow these instructions could result in separation of the towed vehicle from the tow bar, causing property damage, loss of towed vehicle, personal injury or death.

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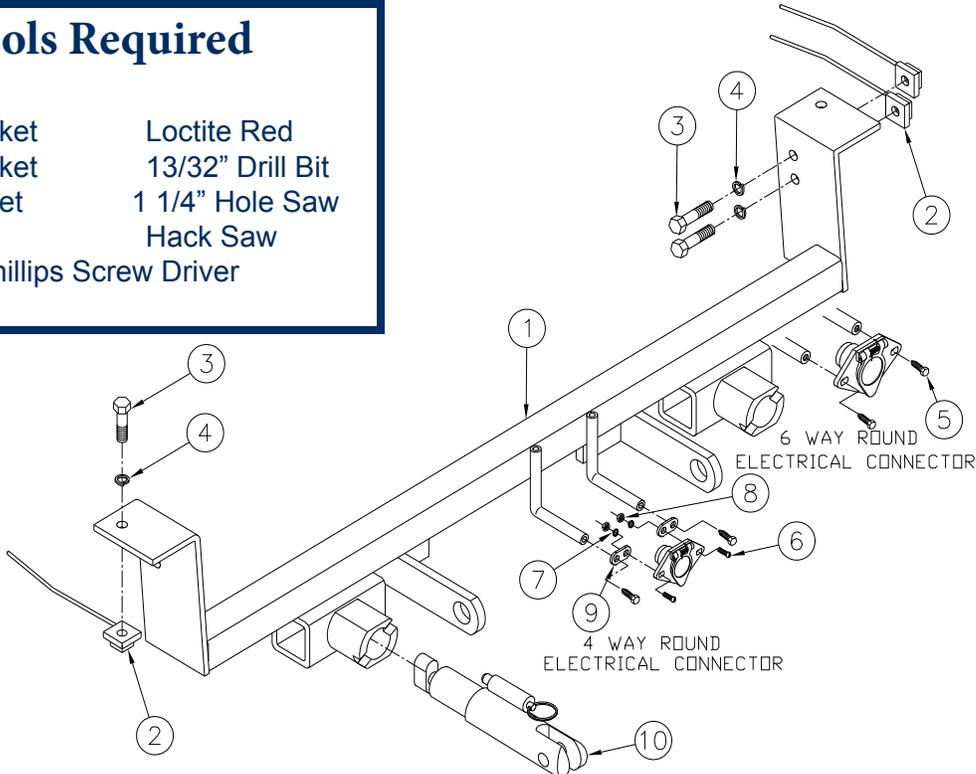
Installation Instructions

Parts List

Ref. No.	Qty.	Part #	Description
1	1	61-5947	Weldment, Base Plate, BX3753
2	6	61-5208	Weldment, Nut Plate, 1/4X1X1, 3/8 Blt Wire
3	6	201-0440	3/8-16 X 1 1/2 Hex Bolt, Grd.5, ZP
4	6	203-0010	3/8 Lock Washer, ZP
5	2	201-0979	#12-14 x 1" Self Drilling Screw, ZP
6	2	201-0192	10-32 X 1/2 Slot, Rd. Hd. Screw
7	2	203-0054	#10 Lock Washer
8	2	202-0047	#10-32 Hex Nut
9	2	101-5822	Adapter, 4 Way Connector
10	2	62-3468	Att Tab Assy, Rem, SF/SB, 1 Hole
	1	153-0110	Tube, 3/8"Id X 5/8"Od,300Psi,BI/Blk (Not shown)
	2	226-0046	Baseplate Safety Cable, 36" CL III (Not shown)
	4	229-0359	Quicklink, 3/8, ZP (Not shown)
	2	290-0275	8 Inch Nylon Cable Tie (Not shown)
	2	290-0437	Receiver, Cap Plug (Blk) (Not shown)

Tools Required

10MM Socket	Loctite Red
12MM Socket	13/32" Drill Bit
9/16" Socket	1 1/4" Hole Saw
Vise Grips	Hack Saw
Phillips Screw Driver	



Important:

Use only genuine factory replacement parts on your baseplate. 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 baseplate, be sure to use a replacement bolt of the same grade (In most cases it will be Grade 5, please reference the parts list above). Replacement parts may be ordered through your nearest Blue Ox® Dealer or Distributor. Failing to follow and/or altering these installation instructions in either installation or required equipment will void the manufacturer's warranty. Towing behind a non-motorized vehicle will void the warranty.

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Vehicle Weight:

Due to the design of the removable tabs, the RangeFinderII tow bar can not be used. Adapters, except the BX8833 and BX88151, can not be used with this baseplate.

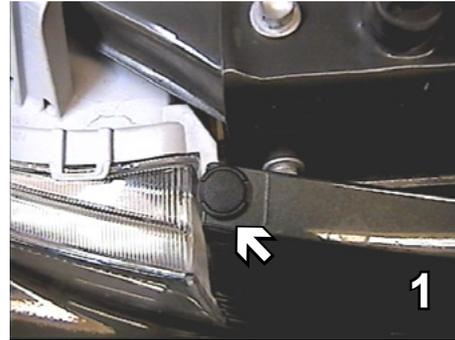
Installation Notes: The front fascia, metal bumper and bumper brackets are removed and reinstalled during installation of the baseplate. Drilling is required. Trimming of the air dam is required.

The dimensional variations between otherwise identical vehicles can be considerable. While the baseplate was designed for easy installation, it may be necessary to tailor the baseplate slightly to compensate for auto manufacturer's tolerances. These minor adjustments may include filing a hole slightly, bending electrical rods or bending end plates.

The BX8869 Bulb and Socket Wiring Kit is recommended for this vehicle.

Handling of some cosmetic parts when installing this product may require the use of protective covers, rags, specialty tools, etc. to prevent damage.

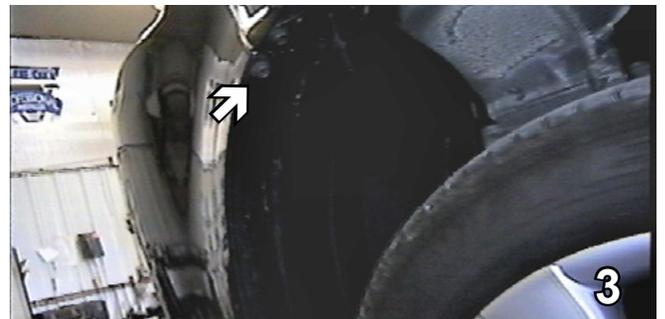
Installation Instructions:



1. Remove the three push pins from the top edge of front grill.



2. Remove two metric bolts from top edge of fascia's tabs with the 10MM socket. Remove one push pin.



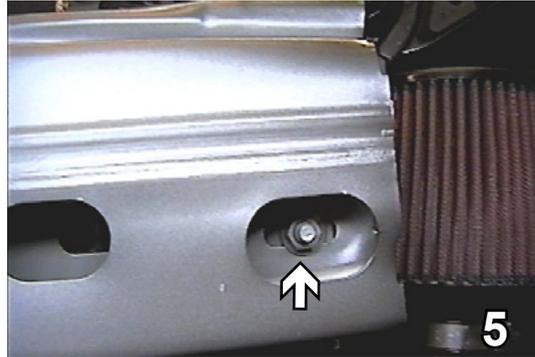
3. Just forward of front tire are two metric bolts, remove lower bolt with the 10MM socket, both sides.

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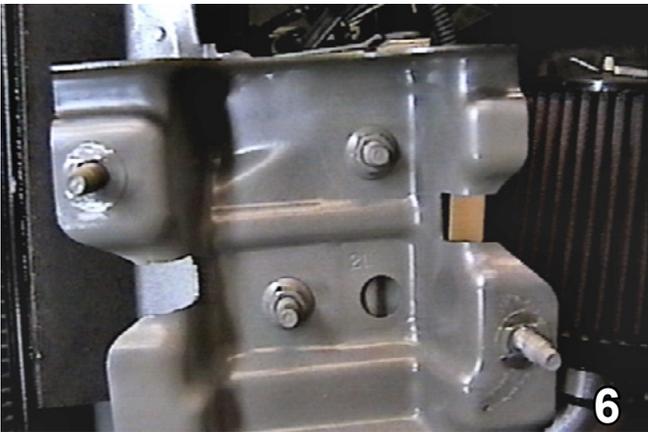
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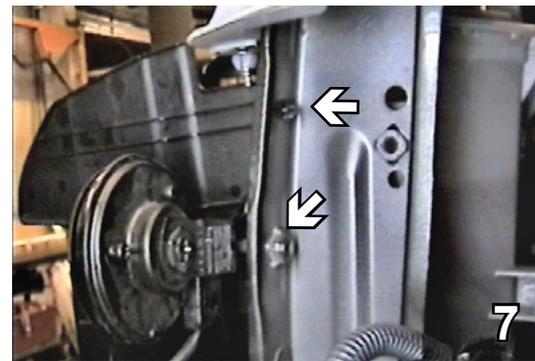
4. Forward of front tires on lower fascia's edge are eight metric bolts to remove with the 10MM socket.



5. Using the 12MM socket, remove four metric bolts from metal bumper, pull metal bumper forward and set aside.

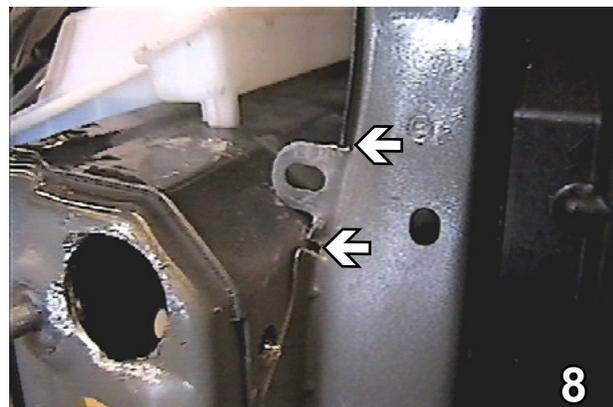


6. Remove two metric bolts from bumper bracket, both sides, pull forward and set aside.



7. Pinch clips together on the back of radiator support and pull air dam forward, both sides and set aside.

8. Make two short cuts in webbing using the hack saw, on radiator support and bend out of the way, both sides. Using the 1 1/4" hole saw, cut a holes in frame ends, both sides. Some models may have a sensor on the driver's side webbing to relocate.



Using a good quality paint, spray cut edges of frame to prevent rusting.

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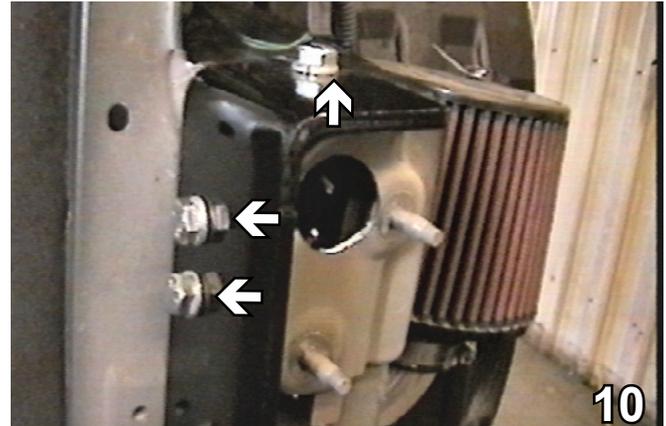
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9. Set baseplate on top of frame ends and clamp in place. Baseplate should be firm against the front of radiator support. Using the baseplate as a template drill three holes with the 13/32" drill bit, both sides.

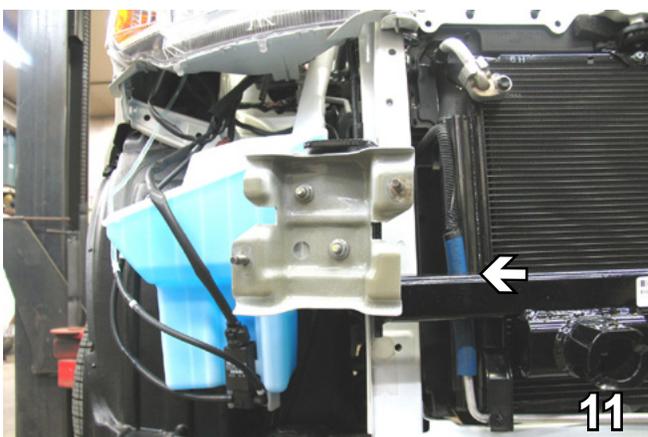
When using power drills be aware of the dangers of torque and drill bit length.

BE SURE TO USE LOCTITE® RED ON ALL BOLTS BEFORE TIGHTENING. TIGHTEN ALL BOLTS ACCORDING TO THE TORQUE CHART ON THE FRONT PAGE OF THESE INSTRUCTIONS OR ON PAGE 3 OF THE BASEPLATE TOWING GENERAL INSTRUCTIONS.



10. Insert 3/8" nut plate into frame end to align with drilled holes, tighten 3/8-16 x 1 1/2" bolt and lock washer with the 9/16" socket, both sides. **Be sure to use loctite on all bolts before tightening. Tighten all bolts according to Torque Chart in General Instruction Sheet.**

12. Reinstall air dam (trim air dam as needed), bumper bracket, metal bumper and fascia.
13. 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.
14. Install the tow bar and safety cables according to the instructions included in their packages.
15. Do **not** substitute other devices if the tow bar pin and clip are lost.
16. **DEALER OR INSTALLER: BE CERTAIN THE USER RECEIVES THE INSTRUCTION SHEET.**



11. Wrap the coolant line behind the baseplate with the tubing and two cable ties provided.

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Installation Instructions

DEALER or INSTALLER:
Be certain the user receives the instruction sheets for their products.

Be sure that **ALL** electrical connections are plugged in properly and functioning **BEFORE** installing the fascia.

Install the tow bar and safety cables according to the instructions provided in their packages. When demonstrating this to the customer, be sure to include all the contents and packages.

Do **NOT** substitute other devices if the tow bar pins and clips are misplaced.



Shown with removable tabs installed.

CUSTOMER SERVICE COMMITMENT

Blue Ox is committed to providing you with exceptional customer care throughout your lifetime with our products. Our team is here to assist you with any questions you may have regarding the performance of your product. Simply call (402) 385-2472 and you can speak with our customer care team.

Additionally, please visit our website to see which rallies our Destination America team will be attending. For a nominal fee, our service technician will service your towing system to ensure it's in proper working condition. Also as a commitment to our customers, should you visit our factory you can stay at our full service Blue Ox campground at no charge along with enjoying a factory tour.

Again thank you for being our customer and for the confidence you have shown in the performance of our products. It is because of customers like you we enjoy the success we have today.

If the baseplate is in an accident, it must be replaced. **DO NOT** use it again! An accident can cause unseen damage and using it again could result in more damage or serious injury. **DO NOT** use the baseplate if it is damaged or missing parts.



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