



Strong As An Ox™

BX3750 Installation Instructions 2003 Toyota Matrix

Serial No.

The front fascia and metal bumper are removed for baseplate installation. Holes need to be drilled. The BX8869 is available for the vehicle. Attachment Tabs are 20 inches center to center and a height of 16 inches.



1. Remove phillips screw with rubber bumper using the phillips screw driver, both sides. On the top side of front fascia, remove three phillips push pins and two push pins from upper fascia opening.



2. Just forward of front tire, on fascia lower corner, remove the metric bolt with the 10MM socket or a phillips screw driver, both sides.



3. Remove metric bolt inside wheel on fascia's upper corner with the 10MM socket or phillips screw driver.



4. Remove two push pins from the bottom of metal bumper. Pull fascia forward and set aside.



5. Disconnect electrical tie downs on the top of metal bumper. Using the 14MM socket, remove the four metric bolts from metal bumper, pull forward and set aside.



6. Using either a 1 1/4" drill bit or hole saw, drill a 1 1/4" hole in frame, to gain access to inside of frame, both sides.



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7. Drill out existing hole with the 17/32" drill bit, both sides. Insert item 2 into 1 1/4" hole to align with existing hole and tighten items 4 and 5, both sides. Using the baseplate as a template drill the other 17/32" hole on the inside of frame rail, both sides. **Be sure and use loctite on all bolts before tightening.**



8. Drill the remaining holes on the bottom of frame rail using the 13/32" drill bit. Insert item 3 into 1 1/4" holes to align with drill holes, and tighten items 6 and 7, both sides. **Be sure and use loctite on all bolts before tightening.**



9. Reinstall metal bumper and wire loom on the top of metal bumper. Hold fascia to align with original position and trim lower grill as needed. (See photo)



Location for the BX8869. (Photo of driver's side tail light assembly.)

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.

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.**

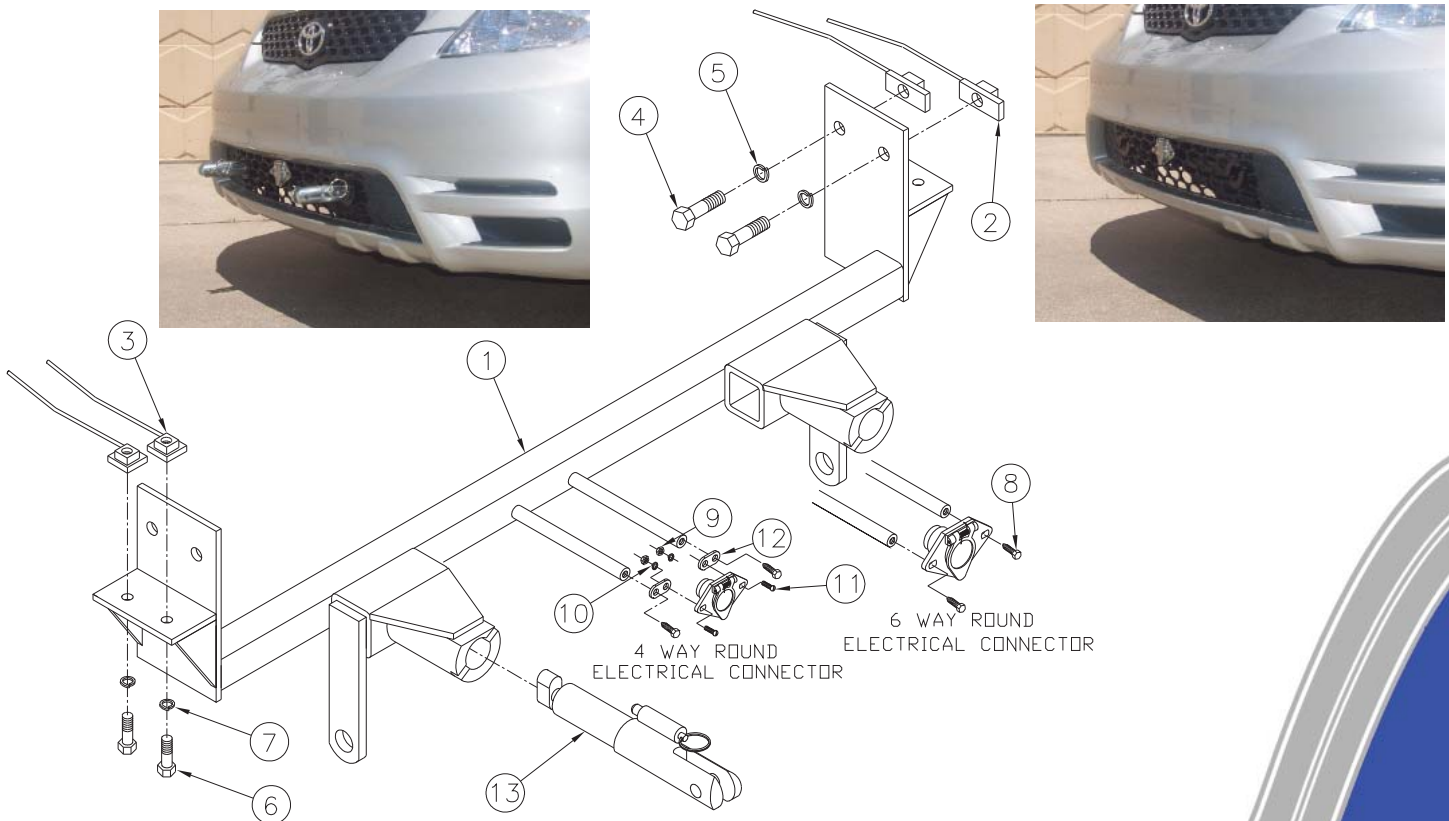


Tools Required

10MM Socket	Loctite Red	13/32" Drill Bit
3/4" Socket	9/16" Socket	17/32" Drill Bit
1 1/4" Hole Saw	Phillips Screw Driver	Vise Grips

Parts List

Ref. No.	Qty.	Part No.	Description
1	1	61-5786	Weldment, Base Plate, BX3750
2	4	61-5338	1/2-13, Nut Plate, w/ 10" Wire
3	4	61-5208	3/8-16 Nut Plate
4	4	201-0051	1/2-13 x 1 1/2, Hex Bolt, Grd. 5, ZP
5	4	203-0012	1/2 Lock Washer, ZP
6	4	201-0440	3/8-16 x 1 1/2 Bolt, Grd. 5, ZP
7	4	203-0010	3/8 Lock Washer, ZP
8	2	201-0553	1/4-20 x 1/2 Hx. Wshd, Type F Screw
9	2	201-0192	#10-32 x 1/2 Slot, Rd. Hd. Screw
10	2	203-0054	#10 Lock Washer
11	2	202-0047	#10-32 Hex Nut
12	2	101-5822	Adapter, 4 Way Connector
13	2	62-3469	Attachment, Assembly, L/B, SF (R)
	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 nontypical 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.