

2004-10 Toyota Sienna Without Speed Control 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.us or by contacting our Customer Care Department at (888) 425-5382.
- 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: 15”
Attachment Tab Width: 20”

Bolt Torque Specifications
Torque in Foot-Pounds per 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 per 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



! 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.

BX3757

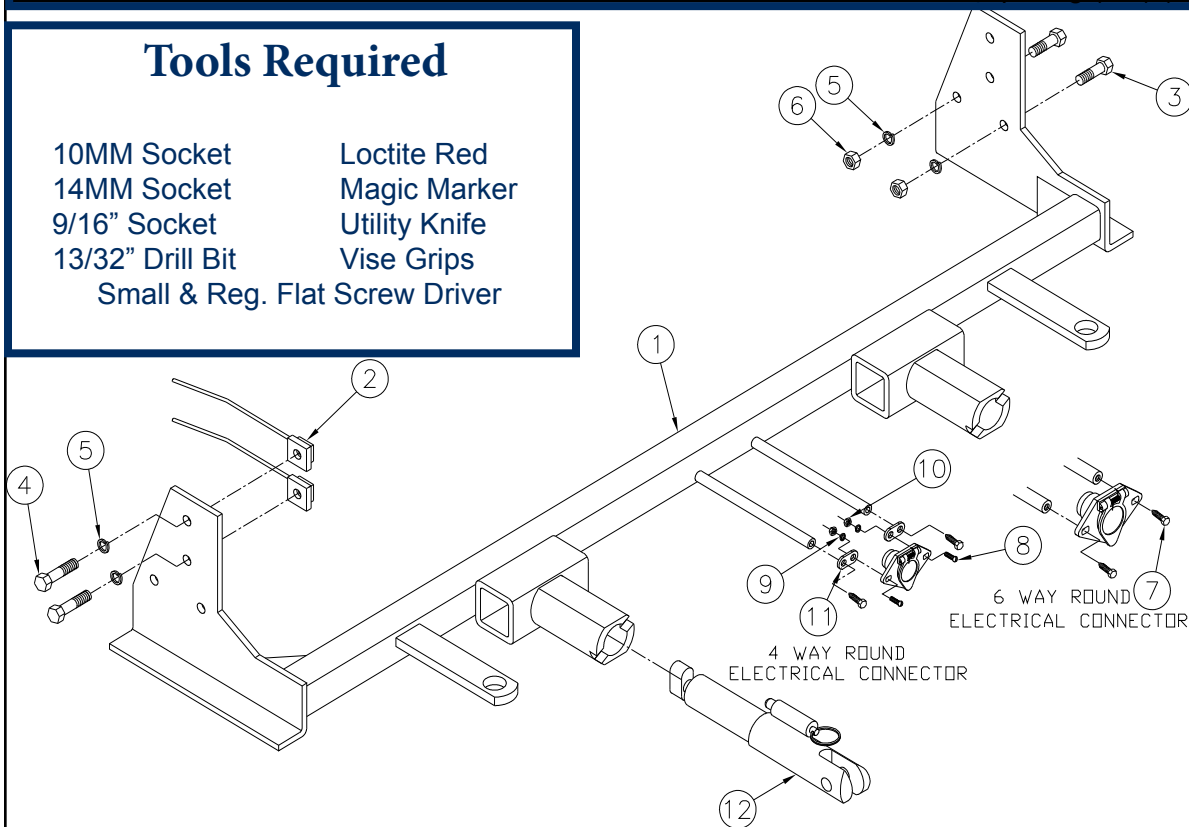
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Parts List

Ref. No.	Qty.	Part #	Description
1	1	61-6028	Weldment, Base Plate, BX3757
2	4	61-5208	3/8" Nut Plate, with Wire
3	4	201-0443	3/8-16 x 1 Bolt, Grd. 5, ZP
4	4	201-0440	3/8-16 x 1 1/2 Bolt, Grd. 5, ZP
5	8	203-0010	3/8 Lock Washer, ZP
6	4	202-0003	3/8-16 Hex Nut, ZP
7	2	201-0979	#12-14 x 1" Self Drilling Screw, ZP
8	2	201-0192	#10-32 x 1/2 Slot, Rd. Hd. Screw
9	2	203-0054	#10 Lock Washer
10	2	202-0047	#10-32 Hex Nut
11	2	101-5822	Adapter, 4 Way Connector
12	2	62-3469	Attachment, Assembly, SF/ LB (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)

Tools Required

- 10MM Socket
- 14MM Socket
- 9/16" Socket
- 13/32" Drill Bit
- Small & Reg. Flat Screw Driver
- Loctite Red
- Magic Marker
- Utility Knife
- Vise Grips



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.

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Vehicle Weight:

Motorhome mount tow bars are recommended for use with this baseplate. Due to the design of the removable tabs, the RangeFinderII, Adventurer, and Ambassador tow bars can not be used. The Acclaim tow bar may be used, but will not fold and store on the front of the vehicle. Adapters, except the BX8833 and BX88151, can not be used with this baseplate.

Installation Notes: The fascia, styrofoam bumper and metal bumper are removed and reinstalled during installation of the baseplate. Drilling is required. Trimming of the fascia 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 and/ or bending end plates.

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

Installation Instructions:



1. Using a flat screwdriver, remove the five push pins from the top edge of fascia.



2. Remove seven metric bolts from the lower edge of fascia with the 10MM socket.



3. Using a flat screwdriver, remove one push pin from lower back edge of fascia.

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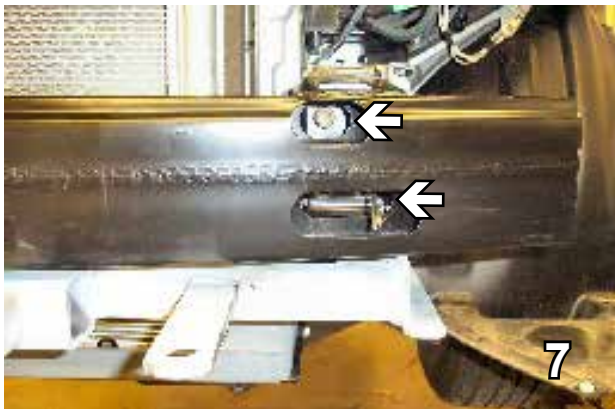


4. Just forward of the front tire are two push pins to remove with a flat screw driver, turn the pin 90 degree to release. Do this on both sides.



6. Measure from the radiator support forward 1 3/4" on the air dam, mark, cut and remove the forward portion of the air dam on both sides, to open area for the baseplate to be installed.

5. Release the three fender clips from fascia corner, just outside of headlight assemblies where fender and fascia meet. Clips are located 1 1/2", 6" and 10 1/4" measuring from edge closest to the headlight assembly. Release clips with small screw driver, starting with clip at the 10 1/4" location working back to front, slide flat of screw driver between seam to clip, lift back of screw driver up while pulling fascia corner toward yourself. Do this on both sides.



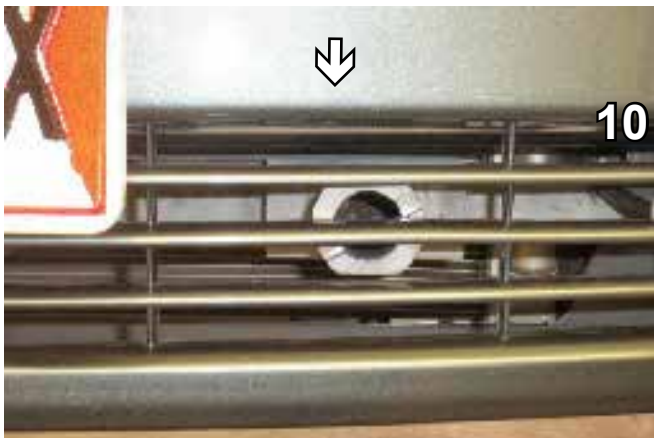
7. Remove styrofoam from the front of metal bumper and three metric bolts from metal bumper using the 10MM socket. Do this on both sides, pull forward and set aside.

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8. Align top bolt hole of baseplate to existing hole in frame and clamp to lower webbing of frame as shown in photo, both sides. Measure 5/8" down from upper frame webbing down to the top baseplate, flush against the back bumper brace and level with vehicle. Insert nut plate into opening of frame end to align with existing hole, tighten 3/8-16 x 1 1/2" hex bolt and lock washer, both sides. **Be sure and use loctite on all bolts before tightening. Tighten all bolts according to torque chart in the General Instruction sheet provided.**



10. Place fascia as close to its original position as possible, mark and cut ribbing on either side of receiver both sides, slide fascia back to allow receivers to come through cut openings and reinstall fascia.



9. Using the baseplate as a template, drill the three holes into the frame with the 13/32" drill bit, both sides. Insert nut plate into opening of frame end to align with top drilled hole, tighten 3/8-16 x 1 1/2" hex bolt and lock washer, both sides. Install 3/8-16 x 1" hex bolts into the two lower drilled holes, tighten lock washer and hex nut on the back side of webbing, both sides. **Be sure and use loctite on all bolts before tightening. Tighten all bolts according to torque chart in the General Instruction sheet provided.**

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.

11. 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.
12. Install the tow bar and safety cables according to the instructions included in their packages. Be sure the safety cables do not rub against any hoses or moving parts.
13. Do **not** substitute other devices if the tow bar pin and clip are lost.

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Possible Location of the BX8869 Bulb & Socket Wiring Kit.

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 without removable tabs installed.



Shown with removable tabs installed.

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

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 1-800-228-9289 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.

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



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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

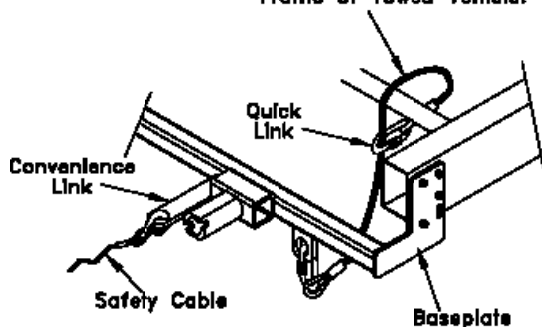
Permanent baseplate safety cables are strongly recommended when towing a vehicle with a tow bar. The principle function of the permanent baseplate safety cables is to prevent the towed vehicle from breaking loose in the event the connection between the frame of the towed vehicle and the baseplate fails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

