



**BLUE OX®**

Baseplate Installation Instructions

BX2326

2007-08 Hyundai Entourage

2006-10 Kia Sedona SX/LX

Installation Instructions

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

1. 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.”

Attachment Tab Height: 14 1/2”

Attachment Tab Width: 21”

2. 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.

**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



**! 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.

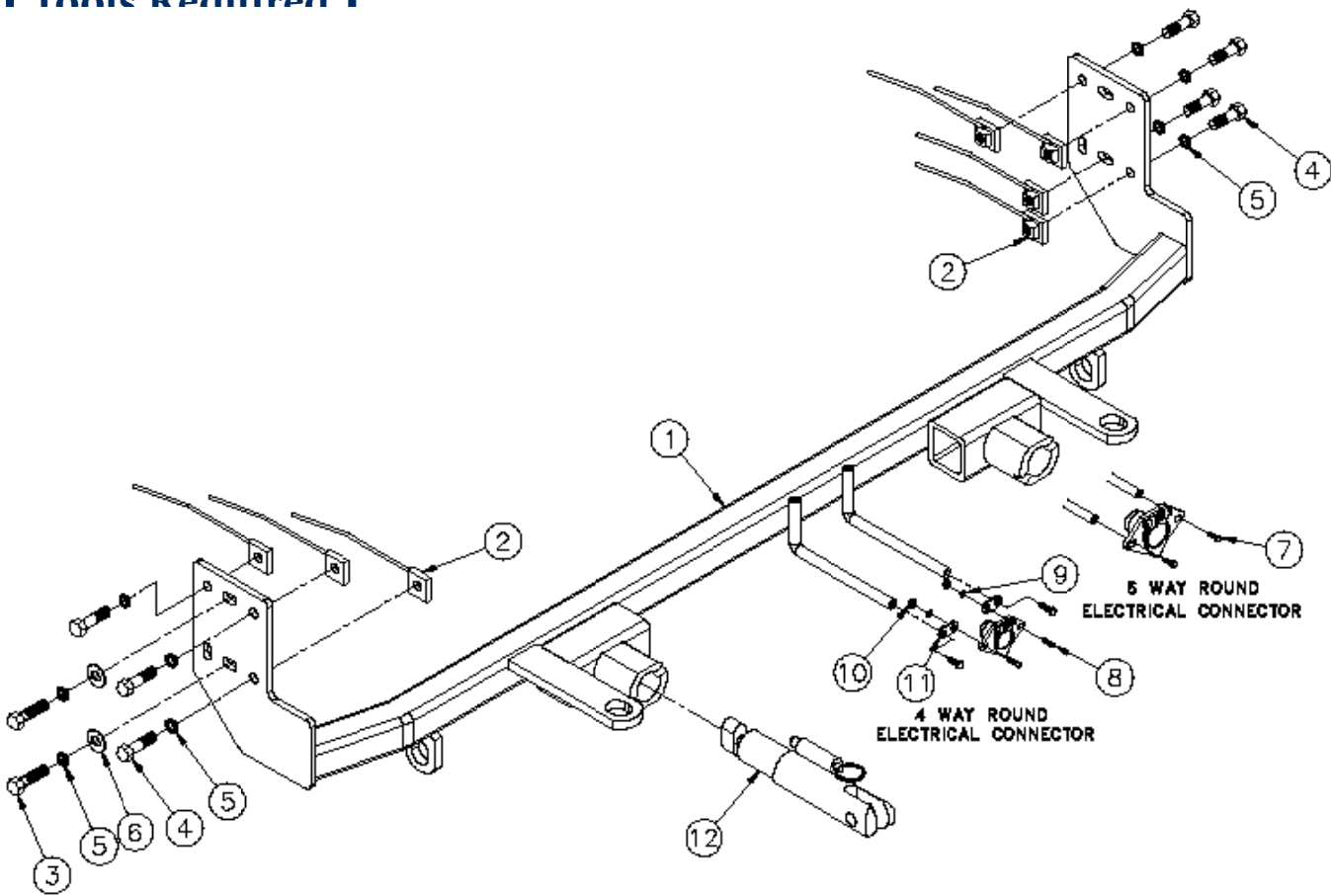
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**Parts List**

Ref. No.	Qty.	Part #	Description
1	1	61-6365	Weldment, Baseplate, BX2326
2	7	61-5208	Weldment, Nut Plate, 1/4x1x1, 3/8 Bolt w/10" Wire
3	2	201-0446	8MM-1.25x30MM Hex Bolt, Grd 8.8, ZP
4	7	201-0368	3/8-16x1 1/4" Hex Bolt, Grd. 5, ZP
5	9	203-0010	3/8 Lock Washer, ZP
6	2	203-0003	3/8 Flat Washer, ZP
7	2	201-0979	#12-14 x 1" Self Drilling Screw, ZP
8	2	201-0192	#10-32x1/2" Slot, Round Head 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	62-3468	Attachment, Assembly, SF/SB, 1 Hole
	2	290-0437	Cap Plug, Black (Not Shown)
	2	229-0359	Quicklink, 3/8", ZP (Not Shown)
	2	226-0046	Baseplate Safety Cable, 36" Class III (Not Shown)

**Tools Required**



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.

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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 and Ambassador tow bars can not be used. Adapters, except the BX8833 and BX88151, can not be used with this baseplate.

**Installation Notes:** The fascia, metal bumper and headlights 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 or bending end plates.

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



**Installation Instructions:**



1. Using a Phillips screwdriver, remove thirteen plastic Phillips push pins all together from the top plastic piece. There are six push pins located on the driver side and passenger side and one push pin in the middle. Set push pins aside to be reinstalled later.



2. Using a 10MM socket, remove one metric bolt located by headlight. Do this to both sides of the vehicle. Set bolts aside to be reinstalled later.

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



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3. Use a 8MM socket for the Hyundai, a 10MM for the Kia, remove one metric bolt just forward of the front tire, on the wheel well. Do this to both sides of the vehicle. Set bolts aside to be reinstalled later.



4. Using a Phillips screwdriver, remove thirteen plastic Phillips push pins located just forward of the front tire along the bottom edge of fascia, from the driver side to the passenger side of the vehicle. Set push pins aside to be reinstalled later.



5. On the Hyundai, using a 10MM socket, remove bolt from headlight assembly and then pull headlight forward to remove. Do this to both sides of the vehicle. Set headlight assemblies and bolts aside to be reinstalled later.

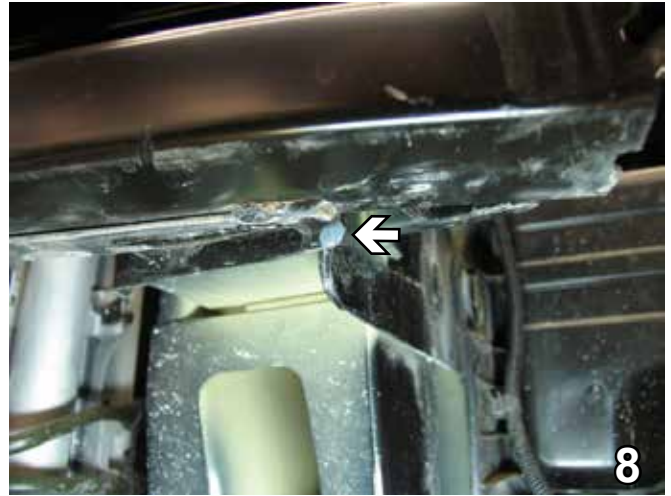


6. Once headlight assembly is removed, you will need to remove one metric bolt with a 10MM socket and two plastic Phillips push pins with a Phillips screwdriver. Do this to both sides of the vehicle. Set bolts and push pins aside to be reinstalled later. The fascia is then ready to be removed from the vehicle and set aside carefully to be reinstalled later.

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7. Using a 10MM socket, remove one metric bolt located near the air dam on the driver side of the vehicle. Set bolt aside to be reinstalled later.



8. You will need to grind off a small tab, indicated in the photo above on the driver side only.



9. You will need to trim the plastic piece located under the metal bumper so it's flush with the bottom of the bumper. Do this to both sides of the vehicle.



10. Using a 12MM socket, remove two bolts located on top of the metal bumper and a nut located on the back side of the metal bumper. Do this to both sides of the vehicle. Set metal bumper, bolts and nuts aside to be reinstalled later.



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11. Slide baseplate up so that the holes on the baseplate line up with the existing holes in the frame on the passenger side. Clamp baseplate in place with vise grips. Insert a 8MM-1.25x30MM hex bolt, 3/8" lock washer and 3/8" flat washer into the two existing holes and tighten down.



12. On driver side, insert bolt removed in Step 7 and tighten down. This is just to hold baseplate in place so the other holes in the baseplate can be drilled. The bolt will be removed again so the air dam can be put back into place.

**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.**



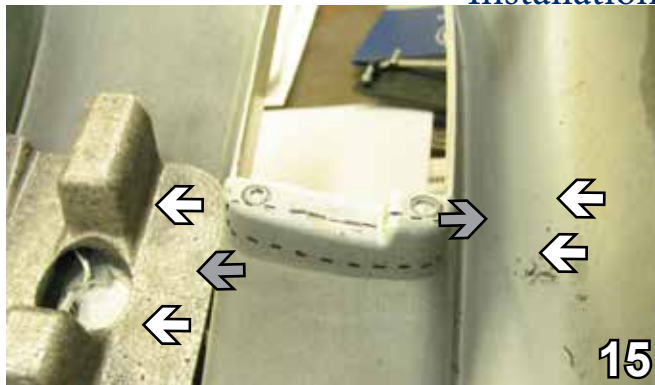
13. Using the baseplate as a template, drill the remaining holes into the frame with a 13/32" drill bit. Insert the nut plates into the frame and align with drilled holes. Insert a 3/8-16x1 1/4" hex bolt and 3/8" lock washer into the holes and tighten down with nut plates.



14. Remove existing bolt from baseplate and bolt the air dam back into place. Before you reinsert the bolt, place a flat washer on and then tighten down.

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

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15. Remove the covering (grey arrows) from inside the bumper. Using a 7MM socket, remove four bolts. Do this on both sides. The bolts will be reinstalled after trimming.



16. Using a reciprocating saw, trim next to the bolt holes and down about 5/8". Reinstall headlights, fascia, bumper, bolts and push pins.



17. Attach permanent baseplate safety cables to the convenience link on the baseplate. The photo above shows recommended installation of the cables to frame of vehicle. If vehicle has additional options (not shown above) which interfere with mounting permanent baseplate safety cables, secure the cables to a solid piece of the vehicle frame as described in instructions included with the permanent baseplate safety cables.



18. Align the fascia to its original position and using a hack saw blade, remove area around attachment tab receiver to allow for it to come through the fascia. Do this to both sides of the vehicle.

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.

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

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



**Shown without removable tabs installed.**



**Shown with removable tabs installed.**



# General Information

1. 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.
2. It is the owner's responsibility to hook up all towing equipment per manufacturer's instructions/recommendations.
3. 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

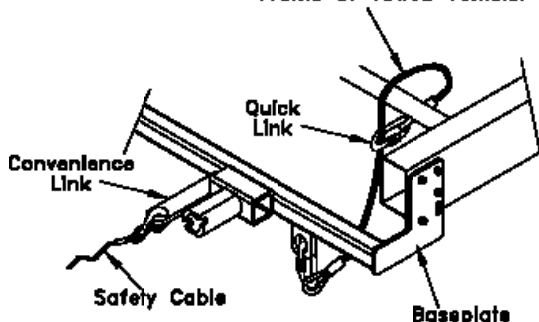
Permanent baseplate safety cables are strongly recommended when towing a vehicle with a tow bar. The principle function of the permanent baseplate safety cables is to prevent the towed vehicle from breaking loose in the event the connection between the frame of the towed vehicle and the baseplate fails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

