



Strong As An Ox™

BX2706 Installation Instructions 2001-02 Kia Optima

Serial No.

The front fascia and tie down brackets are removed for baseplate installation. Tie down brackets will not be reinstalled. No holes to drill. The BX8869 is available for the vehicle. Attachment Tabs are 24 inches center to center and a height of 13 1/2 inches.



1. Remove the six push pins and six phillips head screws from black plastic on the top side of fascia and set aside.



2. Using the 10MM socket, remove two metric bolts from head light assembly, pull forward, unplug electrical and set aside, both sides.



3. Just under headlight assembly, remove one push pin on fascia, both sides. Remove one metric bolt behind assembly with the 10MM socket, both sides.



4. Remove two metric bolts from top side of fascia with the 10MM socket.



5. Using the 8MM socket, remove one metric bolt from upper fascia corner, just forward of front tires, both sides.



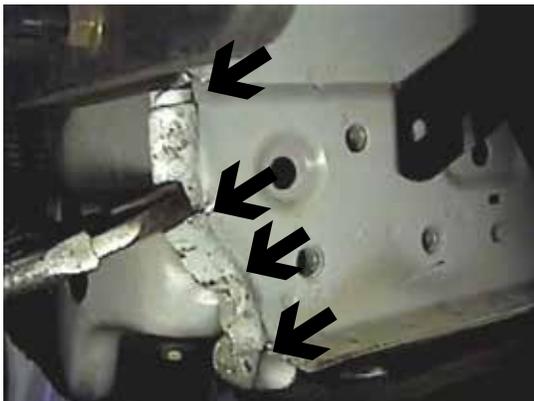
6. Using the Phillips screw driver, remove two screws from upper fascia's opening, behind license plate.



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7. Just forward of front tires, on the bottom of fascia, are two phillips screws to remove, both sides. Pull fascia forward and set aside.



9. Cut webbing with hack saw and bend forward with vise grips. It may be necessary to tap frame with a hammer to flatten.

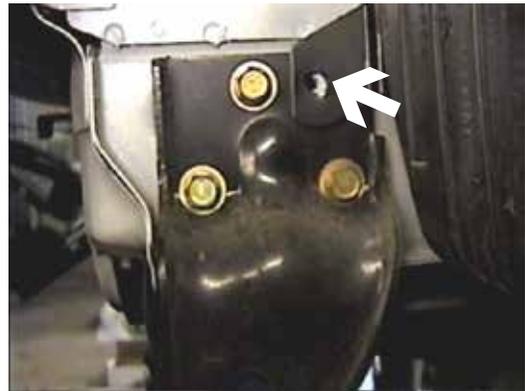
11. Reinstall fascia and headlight assemblies. Be sure to install items 2 and 3 according to drawing on last page.

12. 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.

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

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

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



8. Using the 10MM socket, remove one metric bolt from the air baffle on driver's side and one metric bolt from the windshield washer reservoir on the passenger's side. Remove the three metric bolts from the tie down brackets with the 13MM socket, both sides. **Factory tie down brackets will NOT be reinstalled.**



10. Align baseplate with tie down bracket holes and tighten existing metric bolts using the 13MM socket. Install metric bolts for windshield washer reservoir and air baffle. Note that the brass colored metric bolt goes to the passenger's side. **Be sure and use loctite on all bolts before tightening. Tighten according to torque chart in the General Instructions Sheet.**



Tools Required

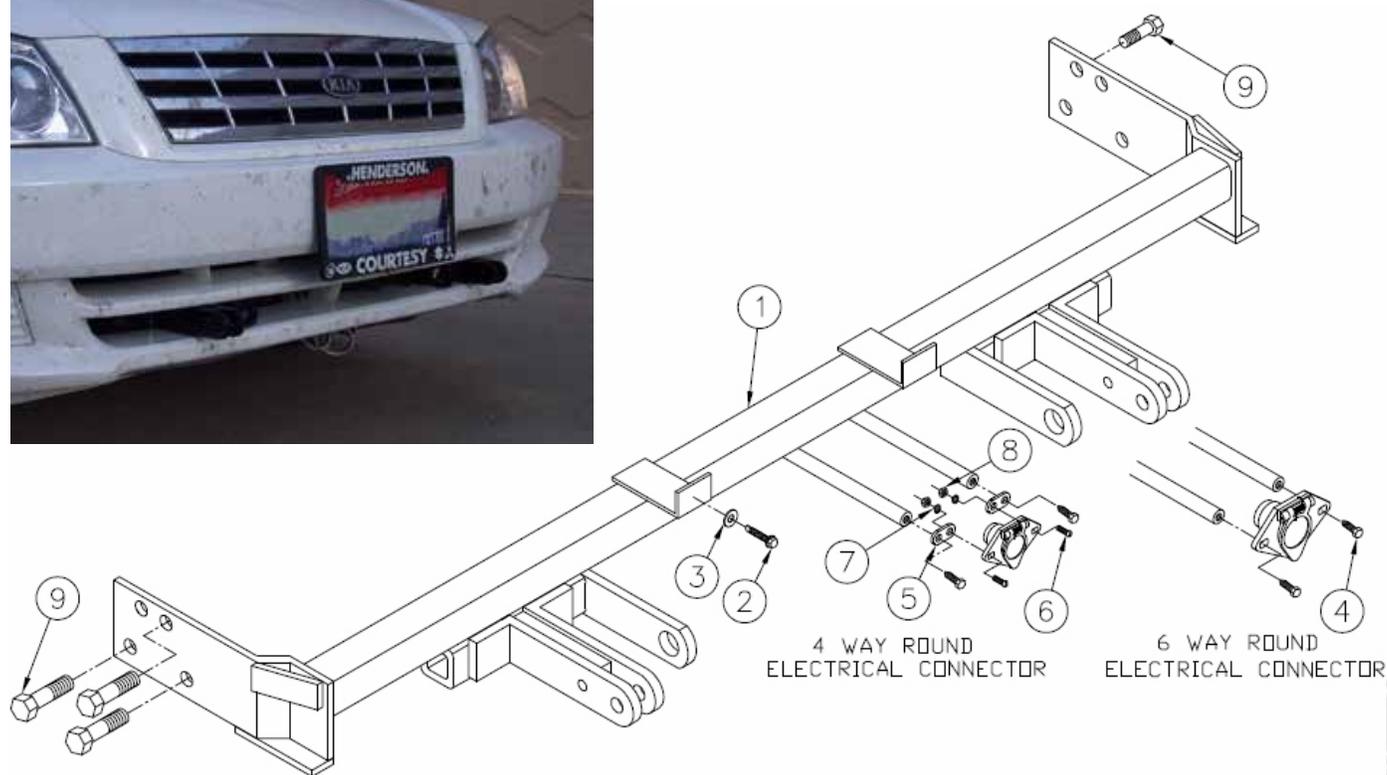
8MM Socket
10MM Socket
Hacksaw

Loctite
Phillips Screw Driver

13MM Socket
Vise Grips
Hammer

Parts List

Ref. No.	Qty.	Part No.	Description
1	1	61-5833	Weldment, Base Plate, BX2706
2	2	201-0654	#10-16 x 1 Self Drilling Screw
3	2	203-0053	#10 Flat Washer, ZP
4	2	201-0979	#12-14 x 1" Self Drilling Screw, ZP
5	2	101-5822	Adapter, 4 Way Connector
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	6		Existing Metric Bolts



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.

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

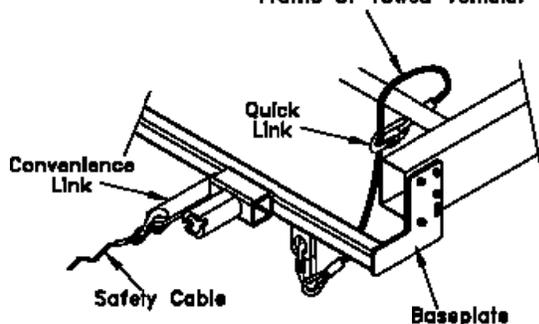
Permanent baseplate safety cables are strongly recommended when towing a vehicle with a tow bar. The principle function of the permanent baseplate safety cables is to prevent the towed vehicle from breaking loose in the event the connection between the frame of the towed vehicle and the baseplate fails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

