

Please read BOTH these Installation Instructions and the General 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 necessary 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.
- 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 and existing hardware specified in the Baseplate Installation Instructions.

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.



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

Attachment Tab Height:

Serial Number

Attachment Tab Width: 22"

| 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 | | | |
| | | | | | |

14"

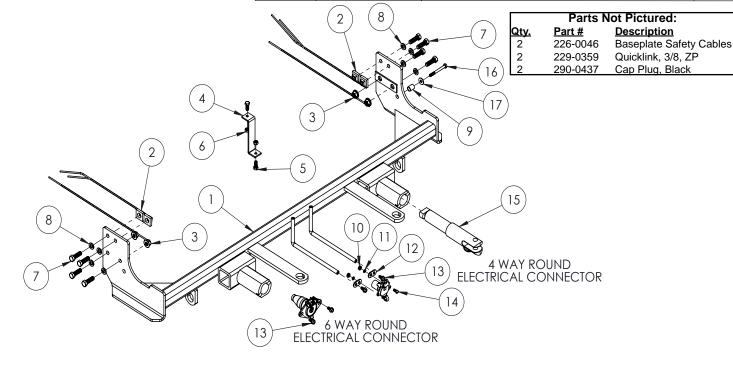
| Bolt Torque Specifications Torque in Foot-Pounds for Inch Bolts | | | | | |
|--|-----------|---------|--|--|--|
| Bolt Size | Grade 5 | Grade 8 | | | |
| 1/4" | SLC10E V. | 14 | | | |
| 5/16" | 19 | 29 | | | |
| 3/8" | 33 | 47 | | | |
| 7/16" | 54 | 78 | | | |
| 1/2" | 78 | 119 | | | |
| 5/8" | 154 | 230 | | | |



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.

| | Tools Required | |
|---------------------|-----------------------|--------------------------|
| 10MM Socket/ Wrench | Drill | Flat Screw Driver |
| 12MM Socket | Flat Screw Driver | Torque Wrench |
| 9/16" Socket | Phillips Screw Driver | Tape Measure |
| 5/8" Wrench | 13/32" Drill Bit | Loctite [®] RED |
| Large Vise Grip | Reciprocating Saw | |

| ITEM NO. | PART NUMBER | DESCRIPTION | QTY. |
|----------|-------------|--|------|
| 1 | 61-6932 | WLDM'T, BP, BX2257 | 1 |
| 2 | 61-5208 | WLD, NUT PLATE, 1/4 X 1 X 1(3/8-16)w/ 14" WIRE | 4 |
| 3 | 61-4978 | 3/8-16 WHIZ NUT, W/14" WIRE | 4 |
| 4 | 102-7116 | BREAKAWAY BRKT, BX1986 | 1 |
| 5 | 201-0050 | 1/4-20 X 3/4 HEX BOLT, GRD. 5, ZP | 2 |
| 6 | 202-0102 | 1/4-20 HEX NYL NUT, ZP | 2 |
| 7 | 201-0368 | 3/8-16 X 1 1/4 HEX HEAD BOLT,GRD. 5 | 8 |
| 8 | 203-0010 | 3/8" LOCK WASHER, ZP | 8 |
| 9 | 107-3081 | TUBE, 1/2 OD. X 18GA. W X .63" | 1 |
| 10 | 202-0047 | #10-32 HEX NUT | 2 |
| 11 | 203-0054 | #10 LOCK WASHER | 2 |
| 12 | 101-5822 | ADAPTER, 4 WAY CONNECTOR | 2 |
| 13 | 201-0553 | 1/4-20 X 1/2" HEX WASHED, TYPE F, ZP | 2 |
| 14 | 201-0192 | #10-32-1/2" SLOT, ROUND HEAD SCREW | 2 |
| 15 | 62-3469 | ATT TAB ASSY, REM, SF/LB, 1 HOLE | 1 |
| 16 | 201-0798 | 6MM-1.0 X 60MM HEX BOLT, GRD 8.8, ZP | 1 |
| 17 | 203-0001 | 1/4" FLAT WASHER, ZP | 1 |



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, or call our Customer Care Team at (402)385-3051. 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.

Attachment Tabs: Motorhome mount tow bars are recommended for use with this baseplate. 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 radiator cover, fascia, fog lights, bumper, and temperature sensor are removed for the baseplate installation. Drilling is required.

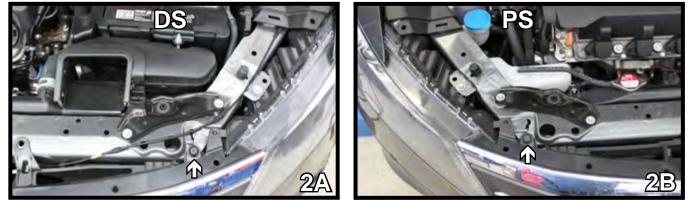
Some vehicles fascia's may need trimming. The dimensional variations between otherwise identical vehicles can be considerable. While the baseplate was designed for easy installation, it may be necessary to tailor the baseplate slightly to compensate for auto manufactures' tolerances. These minor adjustments 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. (See page 6 for possible location.)

Installation Instructions



1. Remove twelve (12) push pins from the top of the fascia in order to remove the radiator cover. Remove radiator cover and set aside with the push pins to be reinstalled later.



2. After radiator cover is removed, remove the two additional push pins just above each headlight. Set 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. Do not use the towed vehicle for storing luggage, equipment, etc. This may cause you to exceed the towing capacity of the tow bar, baseplate, and its accessories.



3. With a Phillips screwdriver, in front of the tire, remove one Phillips screw. Do this on both sides. Set aside screws to be reinstalled later.

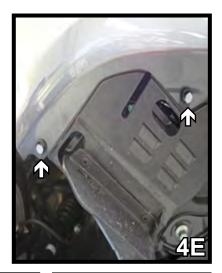




 Underneath the fascia, remove ten push pins all the way around. Set push pins aside to be reinstalled later (4A, 4B, 4C, 4D, 4E). Disconnect fog lights and remove fascia. Set fascia aside to be reinstalled later.







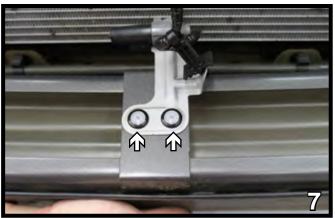


5. On the driver's side, use a 10MM socket to remove the two bolts holding the air baffle. Don't remove the air baffle, just pull it back out of the way. New bolts are provided for reinstallation of air baffle.





6. Using a 12MM socket, remove the four metric bolts holding the metal bumper. Do this on both sides. Set bolts aside to be reinstalled later.



7. Behind the bumper, disconnect the temperature sensor by removing two push pins. Pull the metal bumper forward and set bumper and push pins aside to be reinstalled later.



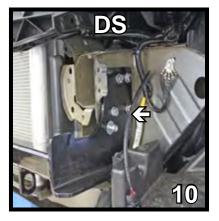
8. Clamp the air bag sensor bracket with the vice grip and bend it back, flush with frame rail. Do this on both sides.

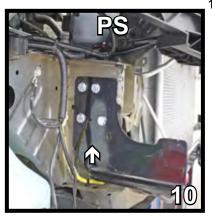






9. With the vehicle on a level surface, slide the baseplate up and in. The back of the baseplate should be flush with the frame. The existing bolt hole in the frame rail, as seen in 9A, should be lined up with your baseplate (driver's side only). Clamp with large vise grips (both sides). Be sure the baseplate is level with respect to the vehicle frame. The top of the baseplate should be approximately 7/8" down from the frame ledge as shown in 9B. Do this on both sides. Insert a 6MM-1.0 x 60MM hex bolt and 1/4" flat washer into the existing hole on driver's side frame rail as shown in 9C - **Do Not Tighten**.





10. Using the baseplate as a template, with a 13/32 drill bit, drill through one of the remaining holes on each side. Insert 3/8-16 x 1 1/4" bolts and 3/8" lock washers in these holes to secure the baseplate for additional drilling in remaining holes. Drill remaining three holes on each side and insert the bolts and lock washers into these holes as well. The top two bolts attach to 3/8-16 nut plates inserted inside the frame. The bottom two bolts attach to 3/8-16 whiz nuts. Be sure to use Loctite Red on all the bolts.



11. Remove the inserted 6MM-1.0 x 60MM bolt and 1/4" flat washer from the baseplate to reattach the air baffle. Once air baffle is lined up with the existing holes, re-insert the 6MM-1.0 x 60MM bolt, 1/4" flat washer and the provided tube spacer in the bottom hole (white arrow). In the top hole, use #10-16 x 1 1/2" self-drilling screw and 1/4" flat washer (gray arrow).



14. Reconnect fog lights and reinstall fascia using existing bolts and push pins. Reinstall radiator cover using existing push pins.



Possible location for Bulb and Socket Wiring Kit (BX8869)



- 12. Reinstall the bumper and temperature sensor with existing bolts and pushpins.
 OPTIONAL: Mount breakaway bracket to the bottom of the metal bumper. Using a 13/32" drill bit, drill a hole in the bottom of the bumper. Install breakaway bracket using a 1/4-20 x 3/4" bolt and 1/4-20 nut.
- 13. Attach the permanent baseplate safety cables to the provided convenience link on the baseplate (white arrow). The photo to the left shows the recommended installation of the cables to frame of vehicle (gray arrow). Additional options may interfere with suggested mounting; in this case, secure the cables to a solid piece of the frame as described in the instructions included with the permanent baseplate safety cables. Be sure the safety cables do not rub against any hoses or moving parts. Do this to both sides of the vehicle.

Be sure that all electrical connections are plugged in properly and functioning Before installing the fascia.

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.

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.

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.

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) 385-3051 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.



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