

Attachment Tab Height: 13-1/2"

Attachment Tab Width: 24"

Please read BOTH these Installation Instructions and the General Information sheet prior to installing or operating 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 necessary to do " it work".
- 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 the hardware supplied in the hardware kit and existing hardware as speci ied in the installation instructions.

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Reference your vehicle owner's manual for manufacturer's towing specifications.

### **Bolt Torque Specifications**Torque in Foot-Pounds for Inch Bolts

Grade 5	Grade 8	
10	14	
19	29	
33	47	
54	78	
78	119	
154	230	
257	380	
	10 19 33 54 78 154	

#### Bolt Torque Specifications

Torque in Foot-Pounds for Metric Bolts

Bolt Size	Grade 8.8	Grade 10.9		
6MM	6 - 0	8		
8MM	16	22		
10MM	31	40		
12MM	54	70		
14MM	89	117		
16MM	161	230		
18MM	222	318		

### **M** WARNING

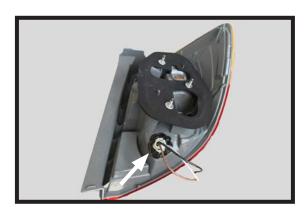
Failure to read and follow these instructions could result in separation of the towed vehicle from the tow bar, causing property damage, loss of towed vehicle, personal injury or death.

**Instruction Notes:** The fascia and bumper core are removed and reinstalled for the baseplate installation. Some drilling and trimming is required.

Place all components that are removed on a flat, sturdy surface. All items will be reinstalled unless otherwise noted after the baseplate is installed.

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 vehicle manufacturer's tolerances.

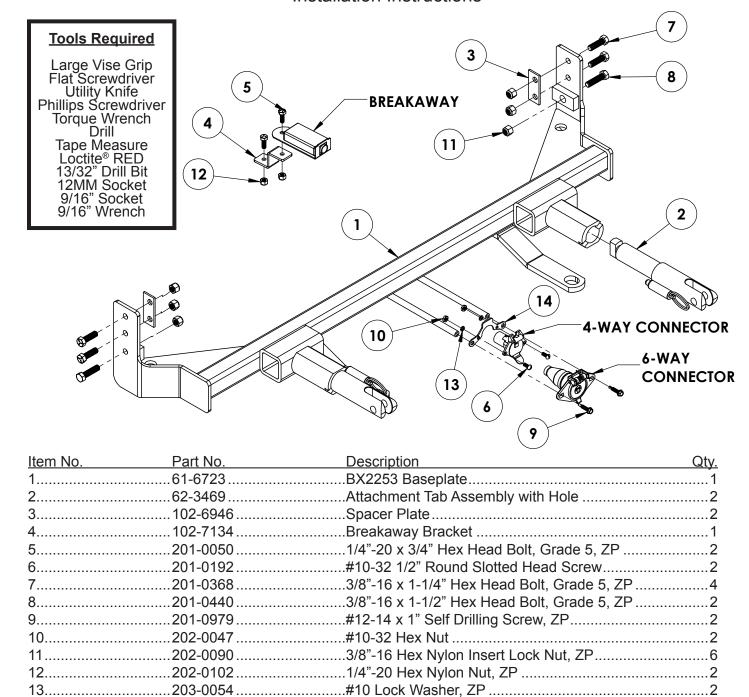
The BX8869 Tail Light Wiring Kit is recommended for this vehicle.



Drill a hole according to the tail light wiring kit instructions.

#### **NOTICE**

- Handling of some cosmetic parts when installing this product may require the use of protective covers, rags, specialty tools, etc. to prevent damage.
- When using power drills be aware of the dangers of torque and drill bit length.
- When using a reciprocating saw be aware of objects behind the cutting surface.
- Use a good quality paint to spray cut edges of frame to prevent rusting.
- Be sure that ALL electrical connections are plugged in and accessories are functioning properly before reinstalling the fascia.
- The baseplate is computer tested to your vehicle's GVWR, exceeding this weight will void the manufacturer's warranty.
- Be sure to use a sufficient amount of Loctite® Red on all bolt threads before tightening. Tighten all bolts according to the torque chart provided.
- Dealer or installer be certain the user receives these instruction sheets.
- 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.



#### 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. 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.



1. On top of the fascia, using a flat screwdriver, remove eight (8) push pins.



2. Just inside wheel well, on edge of fascia, use the Phillips screwdriver to remove one (1) screw. Do this to both sides of the vehicle. Set screws aside to be reinstalled later.



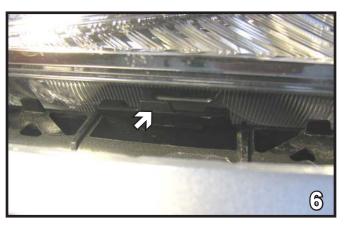
3. Using a flat screwdriver, remove two (2) push pins from the bottom corner of the fascia. Do this to both sides of the vehicle.



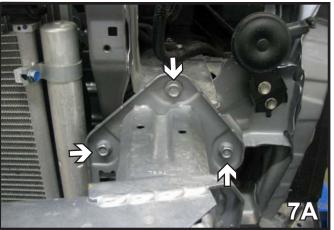
4. Underneath in the center, using a flat screwdriver, remove three (3) push pins.

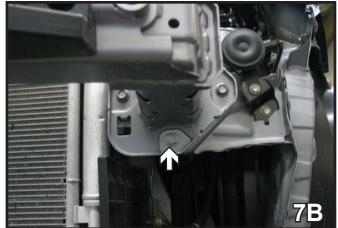


5. Using a Phillips screwdriver, remove two (2) screws holding the fascia. Do this to both sides of the vehicle.

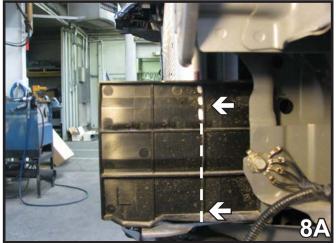


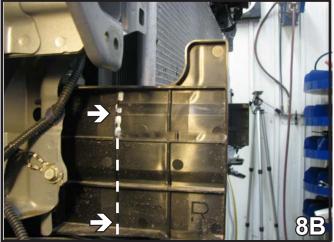
6. Use a flat screwdriver to gently pry the three tabs along the side of the vehicle. Underneath the headlight, slightly lift up the four (4) plastic tabs, one (1) at a time, as the fascia is removed. Do this to both sides of the vehicle. Carefully set the fascia aside.





7. Using the 12MM socket, remove four (4) bolts from the metal bumper, three (3) on the top and one (1) on the bottom. Do this to both sides of the vehicle.





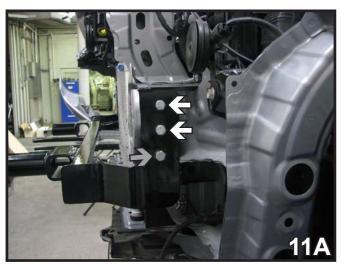
8. Using the utility knife, trim the air dam under the bumper on the driver's side as shown in 8A and the passenger side as in 8B.

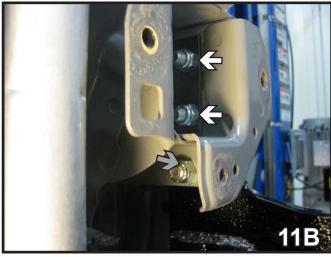


 Using a 13/32" drill bit, drill out the top existing hole. Do this on both sides. Note: On passenger side drill hole out at an angle or remove the washer fluid reservoir to drill hole straight.

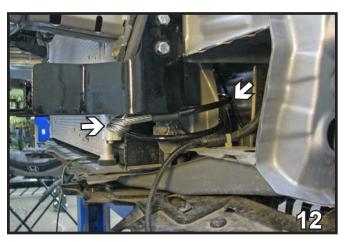


10. Slide the baseplate on and align with the top existing hole which has been drilled out. Fasten tight with a 3/8" x 1-1/4" bolt and 3/8" hex nut. Be sure the baseplate is level with the vehicle and this will effect how baseplate comes through fascia opening. Use the baseplate as a template to drill the other two holes. Do this on both sides.





11. In the top two (2) holes, insert 1-1/4" bolts (11A white arrows). On the inside of the frame end, attach to a plate with the narrow end to the front with 3/8" lock nuts (11B white arrows). In the bottom hole, insert 1-1/2" bolts (11A gray arrow) and attach to 3/8" lock nuts underneath on the webbing (11B gray arrow). Do this on both sides.



12. Attach the permanent baseplate safety cables to the provided convenience link on the baseplate. Secure the cable to a solid piece of the vehicle's frame as described in the instructions included with the permanent baseplate safety cables. Do this on both sides.





13. Reinstall the bumper, bolts, push pins and screws. On 2013 models trim the bumper core approximately as shown in 13B on both sides for baseplate clearance.



14. Attach the breakaway bracket to the bottom of the bumper 3" to the inside of the convenience link. Use a 1/4"-20 x 3/4" hex bolt with a 1/4"-20 hex nut. Attach the breakaway to the bracket with a 1/4"-20 x 3/4" hex bolt and a 1/4"-20 hex nut.

#### 2009-2011 Models





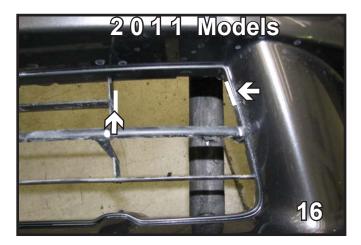
#### 2012 Models

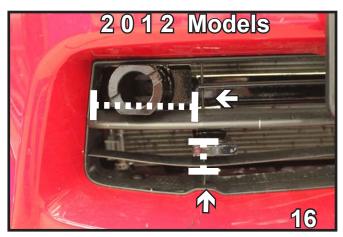




15. Trim foglights as shown above for your particular year of vehicle. Pictures 15A and 15C show area to be trimmed and pictures 15B and 15D show the foglights with the trimming completed.









16. Hold fascia up to its original position and mark area to cut. Photos show approximate cut locations. Cut fascia rib with utility knife. Do this to both sides.



#### 17. Reinstall the fascia.

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.



2009 - Shown with removable tabs installed



2013 - 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.

