

Attachment Tab Height: 13-1/2"

Attachment Tab Width: 28"

Serial	Number	

# Please read BOTH these Installation Instructions and the General Instructions 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 "fit work". If needed, 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 the hardware supplied in the hardware kit and existing hardware as specified in the installation instructions.



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

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

# **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
3/4"	257	380

## **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		
16MM	161	230		
18MM	222	318		

# **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 grille, fascia, bumper, horns and windshield washer fluid reservoir 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.



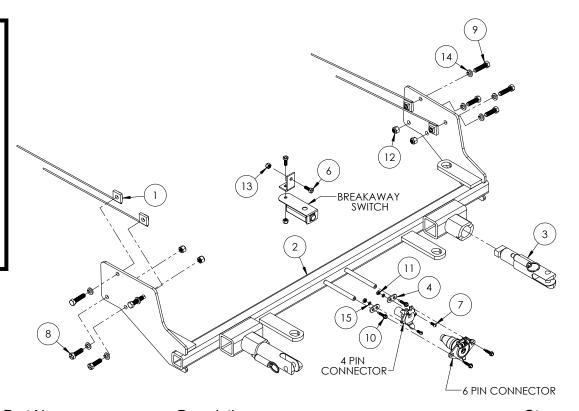
Drill a hole according to the tail light wiring kit instructions.

#### **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.



Large Vise Grip
Utility Knife
Torque Wrench
Drill
Reciprocating Saw
Tape Measure
Loctite® RED
3/8" Drill Bit
1-1/4" Hole Saw
10MM Socket
16MM Socket
9/16" Socket
9/16" Wrench
T25 Torx
T30 Torx



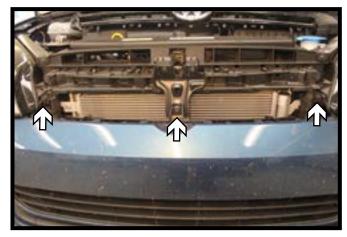
Item No.	Part No.	Description	Qty.
1	61-5208	3/8" Nut Plate w/ 14" Wire	4
2	61-7504	BX3836 Baseplate	1
3	62-3468	Attachment Tab Assembly with Hole	2
4	101-5822	4 Way Connector Adapter	2
5	102-7355	Breakaway Bracket	1
6		1/4"-20 x 3/4" Hex Head Bolt, Grade 5, ZP	
7	201-0192	#10-32 1/2" Round Slotted Head Screw	2
8	201-0368	3/8"-16 x 1-1/4" Hex Head Bolt, Grade 5, ZP	4
9	201-0440	3/8"-16 x 1-1/2" Hex Head Bolt, Grade 5, ZP	4
10	201-0979	#12-14 x 1" Self Drilling Screw, ZP	2
11	202-0047	#10-32 Hex Nut	2
12	202-0090	3/8"-16 Hex Nylon Insert Lock Nut, ZP	4
13		1/4"-20 Hex Nylon Nut, ZP	
14		3/8" Lock Washer, ZP	
15	203-0054	#10 Lock Washer, ZP	2
16		Class III Safety Cables	
17	· · · · · · · · · · · · · · · · · · ·	3/8" Quicklink, ZP	
18	` ,	Black Cap Plug Receiver	

#### **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.



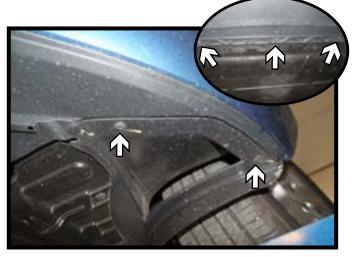
 Using a T25 Torx, remove the two (2) screws from the top edge of the grille. There is one (1) on each side. Unsnap the grille from the vehicle and set aside.



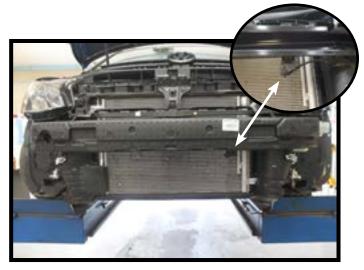
2. Using a T30 Torx, remove the three (3) screws from the top edge of the fascia.



3. Using a T25 Torx, remove the three (3) screws from the wheel well. There are two (2) along the edge and one (1) at the fascia joint (inset. Do this on both sides of the vehicle.

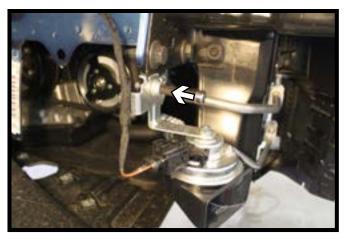


4. Using a T25 Torx, remove the seven (7) screws from the underside of the fascia. There are two (2) on each side in each corner and three (3) across the middle. Remove the fascia from the vehicle, disconnecting any electrical connections and set aside.

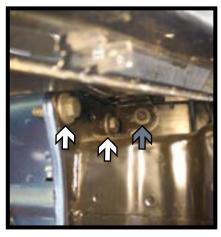


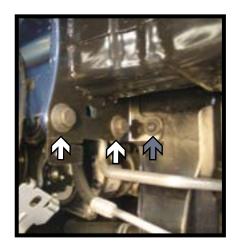
Remove the styrofoam support from the face of the bumper.

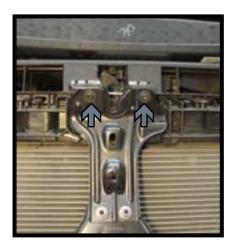
Unsnap the temperature sensor from the bottom side of the bumper and set aside.



6. Using a 5/16" Allen socket or wrench, remove the screw from the horn bracket and set the horn assembly aside. Do this on both sides of the vehicle.







7. Using a 16MM socket, remove the eight (8) bolts from the bumper. There are four (4) on each side, two (2 on top & two (2) on bottom (white).

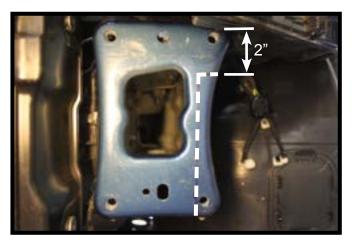
Using a T30 Torx, remove the six (6) screws from bumper. There are two (2) on each side, one (1) on top & one (1) on bottom and two (2) on the upper support in the middle (gray). Set the bumper aside.



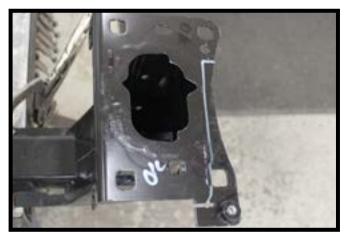
Using a 10MM socket, remove the three
 screws from the washer reservoir.
 Disconnect/plug all lines and set aside.



 Trim the plastic shielding just below the notch as shown. Do this on both sides of the vehicle.



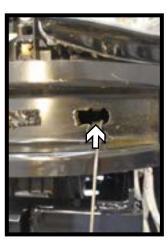
10. Using a reciprocating saw, trim the outer flange of the frame down 2" and back to the face of the frame. Do this on both sides of the vehicle.



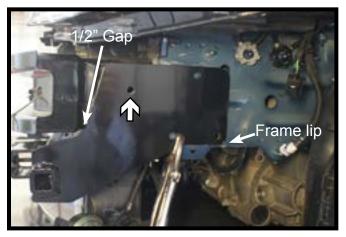
11. Temporarily reinstall the bumper, mark the backside of the flanges to trim to match the frame. Do this on both sides of the vehicle. Remove the bumper and trim the flanges of the bumper. Reinstall the bumper to the vehicle.



bumper (right).



12. Using a 1-1/4" hole saw, drill an access hole on the underside of the bumper on the passenger side only (left).Using a reciprocating saw, enlarge the existing hole on the driver side of the



13. Position the baseplate on the vehicle so there is an approximate 1/2" gap between the baseplate and back of the bumper with the baseplate sitting on the lip of the frame. Level and clamp the baseplate. Using a 3/8" drill bit, drill the front top hole thru the bumper and install the 3/8" hardware. Do this on both sides of the vehicle. Fully tighten all hardware.

\*\* Use Loctite® Red on all bolt threads and tighten all bolts to the appropriate torque.





14. Prior to drilling and installing the remainder of the baseplate bolts, flatten the three (3) tabs of the horn bracket so it will sit flat on the face of the side plate. Also it may be necessary to ream out the slot to accommodate the hardware (left).

Continue drilling the remaining baseplate holes thru the frame on each side of the vehicle. Install the 3/8" hardware into the holes with the horn assembly attaching to the lower rear hole (right). Fully tighten all hardware.

\*\* Use Loctite® Red on all bolt threads and tighten all bolts to the appropriate torque.



15. Attach the permanent baseplate safety cables to the provided convenience link on the baseplate. The photo above shows the recommended installation of the cables to frame of vehicle. 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 on **BOTH** sides of the vehicle.



16. Reinstall the washer reservoir, temperature sensor and styrofoam support.



17. **Optional Breakaway:** Position the bracket in the desired location along the bottom lip of the bumper. Clamp and drill a 5/16" hole thru the bumper. Install the bracket to the vehicle with the supplied 1/4" hardware.



18. Hold the fascia as close to its original position, mark and trim the fascia around the convenience links and attachment tabs. Reinstall the fascia and grille.

#### 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.

#### **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.

