Please read BOTH these Installation Instructions and the General Instructions prior to installing or operating 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 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.

Bolt Torque Specifications

Torque in Foot-Pounds for Inch Bolts

<table>
<thead>
<tr>
<th>Bolt Size</th>
<th>Grade 5</th>
<th>Grade 8</th>
</tr>
</thead>
<tbody>
<tr>
<td>1/4&quot;</td>
<td>10</td>
<td>14</td>
</tr>
<tr>
<td>5/16&quot;</td>
<td>19</td>
<td>29</td>
</tr>
<tr>
<td>3/8&quot;</td>
<td>33</td>
<td>47</td>
</tr>
<tr>
<td>7/16&quot;</td>
<td>54</td>
<td>78</td>
</tr>
<tr>
<td>1/2&quot;</td>
<td>78</td>
<td>119</td>
</tr>
<tr>
<td>5/8&quot;</td>
<td>154</td>
<td>230</td>
</tr>
<tr>
<td>3/4&quot;</td>
<td>257</td>
<td>380</td>
</tr>
</tbody>
</table>

Bolt Torque Specifications

Torque in Foot-Pounds for Metric Bolts

<table>
<thead>
<tr>
<th>Bolt Size</th>
<th>Grade 8.8</th>
<th>Grade 10.9</th>
</tr>
</thead>
<tbody>
<tr>
<td>6MM</td>
<td>6</td>
<td>8</td>
</tr>
<tr>
<td>8MM</td>
<td>16</td>
<td>22</td>
</tr>
<tr>
<td>10MM</td>
<td>31</td>
<td>40</td>
</tr>
<tr>
<td>12MM</td>
<td>54</td>
<td>70</td>
</tr>
<tr>
<td>14MM</td>
<td>89</td>
<td>117</td>
</tr>
<tr>
<td>16MM</td>
<td>161</td>
<td>230</td>
</tr>
<tr>
<td>18MM</td>
<td>222</td>
<td>318</td>
</tr>
</tbody>
</table>

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

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 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 BX8848 4-Diode Wiring Kit is recommended for this vehicle.

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 Loctite® Red on all bolts before tightening. Tighten all bolts according to the torque chart provided.

• Dealer or installer be certain the user receives these instruction sheet.

• 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.
**Tools Required**

- Large Vise Grip
- Flat Screwdriver
- Utility Knife
- Phillips Screwdriver
- Torque Wrench
- Drill
- Tape Measure
- Loctite® RED
- 13/32" Drill Bit
- 5.5MM Socket
- 8MM Socket
- 10MM Socket
- 11MM Socket
- 9/16" Socket

**Item No.** | **Part No.** | **Description** | **Qty.**
--- | --- | --- | ---
1 | 61-5208 | 3/8"-16 Nut Plate w/ 14" Wire | 10
2 | 61-7178 | BX2643 Baseplate | 1
3 | 62-3469 | Attachment Tab Assembly with Hole | 2
4 | 101-5822 | 4 Way Connector Adapter | 2
5 | 101-7599 | Breakaway Bracket | 1
6 | 201-0050 | 1/4"-20 x 3/4" Hex Head Bolt, Grade 5, ZP | 2
7 | 201-0192 | #10-32 1/2" Round Slotted Head Screw | 2
8 | 201-0336 | 3/8"-16 x 2-1/2" Hex Head Bolt, Grade 5, ZP | 4
9 | 201-0368 | 3/8"-16 x 1-1/4" Hex Head Bolt, Grade 5, ZP | 4
10 | 201-0444 | 3/8"-16 x 2" Hex Head Bolt, Grade 5, ZP | 2
11 | 201-0553 | 1/4"-20 x 1/2" Hex Wshd Bolt Type F TCS, ZP | 2
12 | 201-0654 | #10-16 x 1" Self Drilling Screw, ZP | 1
13 | 202-0047 | #10-32 Hex Nut | 2
14 | 202-0102 | 1/4"-20 Hex Nylon Nut, ZP | 1
15 | 203-0001 | 1/4" Flat Washer, ZP | 7
16 | 203-0003 | 3/8" Flat Washer, ZP | 12
17 | 203-0010 | 3/8" Lock Washer, ZP | 10
18 | 203-0054 | #10 Lock Washer, ZP | 2
19 | 102-7401(not shown) | ACC Support Bracket | 1
20 | 202-0102(not shown) | 1/4"-20 Hex Nylon Insert Nut, ZP | 2
21 | 226-0046(not shown) | Class III Safety Cables | 2
22 | 229-0359(not shown) | 3/8" Quicklink, ZP | 2
23 | 290-0437(not shown) | Black Cap Plug Receiver | 2

**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 the top edge of the fascia, using a 10MM Socket, remove the two (2) screws (white). Remove the one (1) push pin (black). Then using a phillips screwdriver, remove the four (4) screws (gray). Do this on both sides of the vehicle.

2. In the wheel well, using a 5.5MM socket, remove the three (3) screws from the outer edge (white). Remove the push pin from the upper outer edge (gray). Do this on both sides of the vehicle.

3. Remove the five (5) push pins from the underside of the fascia (white). Then using an 8MM socket, remove screw on the inner edge of the wheel well, there is one (1) on either side of the vehicle (gray). Remove the fascia from the vehicle and set aside.

4. Using a 11MM socket, remove the two (2) screws from the inner edge of the washer fluid reservoir (white). Then using a 8MM socket, remove the outer screw (gray). Disconnect all lines and set reservoir aside.
5. Align the support bracket as shown, mark holes, then using a 1/4” drill bit, drill the two (2) holes. Install 1/4"-20 x 3/4” bolts and 1/4"-20 nuts (white). Using a reciprocating saw trim off the outer edge (gray).

6. On the passenger side, using a utility knife, trim off the plastic shrouding from the underside of the bumper.

7. Center the baseplate between the frame rib on each side (gray). Level the baseplate and securely clamp in place. On the underside of the baseplate, using a 17/32” drill bit, drill the bottom two (2) holes thru the frame. Install 3/8"-16 x 2-1/2” bolts with 3/8"-16 nut plates into the holes, using the opening in the bumper for nut plate installation (white). Do this on both sides of the vehicle. Tighten all fasteners.

8. Using a 17/32” drill bit, drill the remaining three (3) holes thru the frame and bumper. Install two (2) 3/8"-16 x 1-1/4” bolts and 3/8"-16 nut plates into the top holes (white). In the lower bumper hole, install a 3/8-16 x 2” bolt with 3/8"-16 nut with 3/8” washers in between the bumper & baseplate as a spacer (gray). Do this on both sides of the vehicle. Tighten all fasteners.
9. Mark and trim the front tab of the washer fluid reservoir (gray). Reinstall the reservoir, using the supplied 1/4” washers as a spacer on the top rear hole (white).

10. On the backside of the fascia, mark and trim the fascia as shown. Do this on both sides of the fascia.

11. 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.

12. Hold the fascia up as close to its original position as possible. Mark and trim around the attachment tabs and convenience links. Reinstall the fascia.
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.