BMW X1305
2007-08 BMW Mini Cooper
(Includes S & Clubman Models)
(Not Convertible)
Installation Instructions

Please read BOTH these Installation Instructions and the General Towing 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 and knowledge to do “fit work.” When necessary, Blue Ox® Dealers can be found at www.blueox.us or by contacting our 24/7 Customer Care Department at (888) 425-5382.

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 or existing hardware specified in the Baseplate Towing 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. You can also contact REMCO for additional information at 1(800)228-2481.

Attachment Tab Height: 13.5”
Attachment Tab Width: 20”

Bolt Torque Specifications
Torque in Foot-Pounds per Inch Bolts

<table>
<thead>
<tr>
<th>Bolt Size</th>
<th>Grade 5</th>
<th>Grade 8</th>
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<tbody>
<tr>
<td>1/4”</td>
<td>10</td>
<td>14</td>
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<tr>
<td>5/32”</td>
<td>19</td>
<td>29</td>
</tr>
<tr>
<td>3/8”</td>
<td>33</td>
<td>47</td>
</tr>
<tr>
<td>7/32”</td>
<td>54</td>
<td>78</td>
</tr>
<tr>
<td>1/2”</td>
<td>78</td>
<td>119</td>
</tr>
<tr>
<td>5/8”</td>
<td>154</td>
<td>230</td>
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Bolt Torque Specifications
Torque in Foot-Pounds per Metric Bolts

<table>
<thead>
<tr>
<th>Bolt Size</th>
<th>Grade 8.8</th>
<th>Grade 10.9</th>
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<tbody>
<tr>
<td>6MM</td>
<td>6</td>
<td>8</td>
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<tr>
<td>8MM</td>
<td>16</td>
<td>22</td>
</tr>
<tr>
<td>10MM</td>
<td>31</td>
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<td>12MM</td>
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<td>70</td>
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<tr>
<td>14MM</td>
<td>89</td>
<td>117</td>
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</table>

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.
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.

**Tools Required**
- 13MM Socket
- 14MM Socket
- 9/16” Socket
- T25 Torx
- Reciprocating Saw
- 1 1/4” Hole Saw
- 13/32” Drill Bit
- Flat Screw Driver
- Phillips Screw Driver
- Utility Knife
- Loctite RED

**Parts List**

<table>
<thead>
<tr>
<th>Ref. No.</th>
<th>Qty.</th>
<th>Part #</th>
<th>Description</th>
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<tbody>
<tr>
<td>1</td>
<td>1</td>
<td>61-6539</td>
<td>Weldment, Baseplate, BX1305</td>
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<tr>
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<td>61-5208</td>
<td>Weldment, Nut Plate, 1/4 x 1 x 1, 3/8”</td>
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<td>3</td>
<td>8</td>
<td>201-0388</td>
<td>3/8-16 x 1 1/4” Hex Head Bolt, Grd. 5, ZP</td>
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<td>4</td>
<td>10</td>
<td>203-0010</td>
<td>3/8” Lock Washer, ZP</td>
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<td>203-0003</td>
<td>3/8” Flat Washer, ZP</td>
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<td>8MM-1.25 x 50MM Hex Bolt, Grd. 8.8, ZP</td>
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<td>1/4-20 X 1/2” Hex Washed Type F, ZP</td>
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<td>201-0192</td>
<td>#10-32 x 1/2” Slot, Round Head Screw</td>
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<td>203-0054</td>
<td>#10 Lock Washer</td>
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<td>2</td>
<td>202-0047</td>
<td>#10-32 Hex Nut</td>
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<td>101-5822</td>
<td>Adapter, 4 Way Connector</td>
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<td>62-3468</td>
<td>Attachment, Assembly, SF/SB, 1 Hole</td>
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<td>13</td>
<td>2</td>
<td>102-6816</td>
<td>Backing Plate, BX1304</td>
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<td>Cap Plug, Black (not shown)</td>
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<td>4</td>
<td>229-0359</td>
<td>Quicklink, 3/8”, ZP (not shown)</td>
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<td>2</td>
<td>226-0046</td>
<td>Baseplate Safety Cable, 36” Class III (not shown)</td>
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</table>

**Important:**

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1. Using a flat screw driver, remove four push pins on top edge of grille. Set push pins aside to be reinstalled later.

Vehicle Weight:

Motorhome mount tow bars are recommended for use with this baseplate. Due to the design of the removable tabs, the RangeFinder II, Adventurer, and Ambassador tow bars can not be used. The Acclaim tow bar may be used, but will not fold and store on the front of the vehicle. Adapters, except the BX8833 and BX88151, can not be used with this baseplate.

Tow Bar Adapters are NOT to be used with vehicles weighing over 5,000 lbs.

Installation Notes: The fascia and grille are removed and reinstalled during installation of the baseplate. Drilling is required. Trimming of the fascia is required.

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 manufacturer’s tolerances. These minor adjustments may include filing a hole slightly, bending electrical rods and/ or bending end plates.

The BX8848 Diode Wiring Kit is recommended for this vehicle.

2. Forward the front tire, use a Phillips screw driver to remove two push pins. Do this to both sides and set aside for later reinstallation.
3. After removing the wheel well cover, use a flat screw driver to remove the two push pins connecting the fascia. Do this to both sides. Set push pins aside for later reinstallation. Push and release the two clips holding the gray cover, then use the T25 Torx to loosen the bolt.

4. Remove the grille by releasing the clips. Reach in from the top and squeeze the clip together. Set aside for later reinstallation.

5. Use a T25 Torx to remove the two bolts from the top edge of the fascia one on each side. Set aside for later reinstallation.

6. Squeeze together the two clips holding the hose to release it and let it drop down.

7. Underneath the fascia, use a T25 Torx to remove the screw on the edge from both sides (gray arrow). Also remove the three push pins in the center (white arrow). Pull the fascia corner out to the side of the vehicle, both sides, then pull the fascia forward and carefully set aside for later reinstallation.
8. Use the reciprocating saw to cut off the bolt even with the nut. Do this on both sides.

Using a good quality paint, spray cut edges of frame to prevent rusting.

9. Remove the hose bracket and use the hole as the location to drill a hole with the 1 1/4” hole saw to use for inserting nut plates. Do this on both sides. The hose will not be replaced as it will be mounted on top of the fascia.

10. Slide the baseplate up and underneath, align with existing hole. Using a 13MM socket, start 8MM-1.25 x 50MM bolt with 3/8” lock washer and 3/8” flat washer. Using the baseplate as a template, drill the additional two holes on the bottom with a 13/32” drill bit. Do this to both sides.

11. Insert and tighten with Loctite 3/8-16 x 1 1/4” bolt with 3/8' lock washer in the top hole and 3/8-16 nut plate inserted into the 1 1/4” hole. Then tighten with Loctite the bolt inserted in step 10 (gray arrow). Finally insert the third bolt. They must be done in this order for them all to go in.

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.

12. Using the baseplate as a template, drill the two holes on the side with a 13/32” drill bit. Insert bolts with Loctite, lock washers and nut plates.
13. On top of the bumper, remove the nut and add a backing plate and reinstall with Loctite. Do this on both sides.

14. On the back side of the fascia, passenger side, pull up the sensor. Using a utility knife, cut off the tab (gray arrow).

15. Continuing on the back side of the fascia, using a utility knife trim down to the gusset and straight out (as shown). Do this on both sides.

16. Make a notch and move the sensor down.

17. Attach baseplate safety cables as in above photo or as close as possible. If the vehicle has additional options which interfere with mounting the safety cables, secure the cables to a solid piece of the vehicle frame as described in the instructions included with the permanent baseplate safety cables.

Be sure that **ALL** electrical connections are plugged in properly and functioning **BEFORE** installing the fascia.

18. Reinstall the grille and fascia.

Install the tow bar according to the instructions included in its package. When demonstrating this to the customer, be sure to include all the contents and packages.

Do NOT substitute other devices if the tow bar pin and clip are misplaced.
Customer Service Commitment

Blue Ox® is focused on providing exemplary customer service, as observed in our mission statement and guiding principles. In accordance with this objective, Blue Ox® is proud to provide services such as repairs and general maintenance of Blue Ox® products at over 150 RV Rallies. Look for our Destination America or Blue Ox® Racing service crews at the next rally or race that you attend. If you were not present, you will find an informative, personalized note explaining any services that may have been performed to your Blue Ox® products.

Blue Ox® also offers educational seminars at rallies and through our Park and Resort teams. In addition, Blue Ox® customers visiting our factory may take advantage of the well-equipped Blue Ox® RV park at no charge to you, our valued and appreciated customer.