

BX1305  
2007-08 BMW Mini Cooper  
(Includes S & Clubman Models)  
(Not Convertible)  
Installation Instructions

**Serial Number**

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

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

**Bolt Torque Specifications**

Torque in Foot-Pounds per 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

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.

**Bolt Torque Specifications**

Torque in Foot-Pounds per 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



**! 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.

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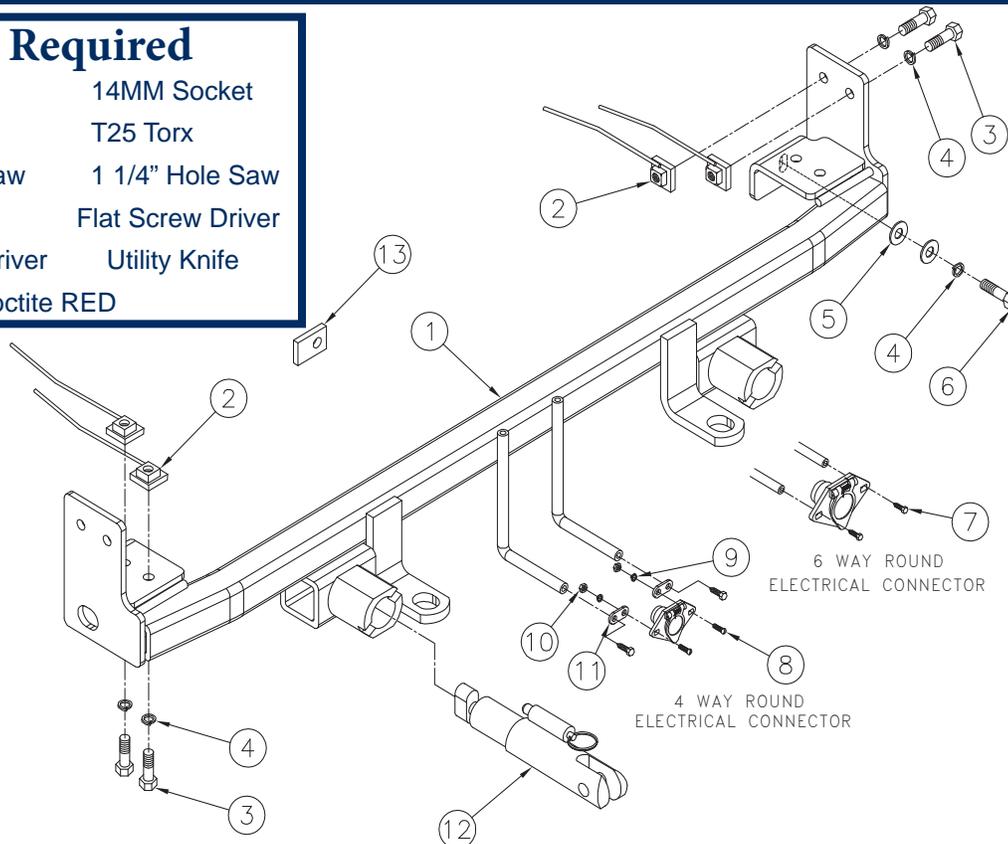
## Installation Instructions

### Parts List

Ref. No.	Qty.	Part #	Description
1	1	61-6539	Weldment, Baseplate, BX1305
2	8	61-5208	Weldment, Nut Plate, 1/4 x 1 x 1, 3/8"
3	8	201-0368	3/8-16 x 1 1/4" Hex Head Bolt, Grd. 5, ZP
4	10	203-0010	3/8" Lock Washer, ZP
5	4	203-0003	3/8" Flat Washer, ZP
6	2	201-0419	8MM-1.25 x 50MM Hex Bolt, Grd. 8.8, ZP
7	2	201-0553	1/4-20 X 1/2" Hex Washed Type F, ZP
8	2	201-0192	#10-32 x 1/2" Slot, Round Head Screw
9	2	203-0054	#10 Lock Washer
10	2	202-0047	#10-32 Hex Nut
11	2	101-5822	Adapter, 4 Way Connector
12	2	62-3468	Attachment, Assembly, SF/SB, 1 Hole
13	2	102-6816	Backing Plate, BX1304
	2	290-0437	Cap Plug, Black (not shown)
	4	229-0359	Quicklink, 3/8", ZP (not shown)
	2	226-0046	Baseplate Safety Cable, 36" Class III (not shown)

### 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	



### 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.

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**Vehicle Weight:**

Motorhome mount tow bars are recommended for use with this baseplate. Due to the design of the removable tabs, the RangeFinderII, 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.

**Installation Instructions:**



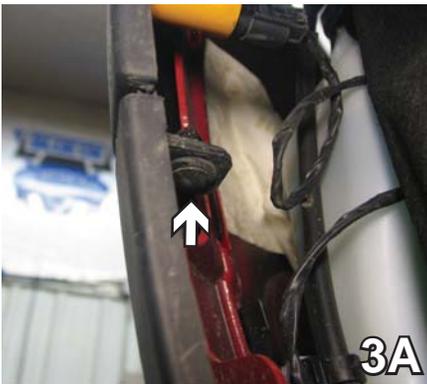
1. Using a flat screw driver, remove four push pins on top edge of grille. Set push pins aside to be reinstalled later.



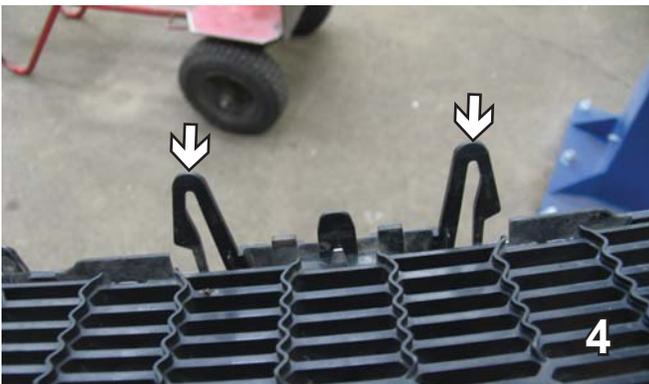
2. Forward the front tire, use a Phillips screw driver to remove two push pins. Do this to both sides and set aside for later reinstallation.

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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.

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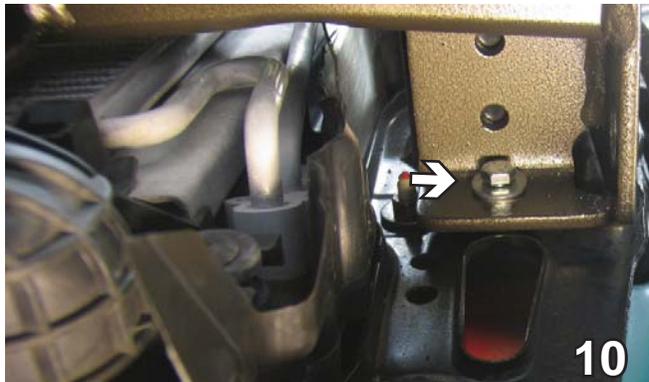


8. Use the reciprocating saw to cut off the bolt even with the nut. Do this on both sides.

**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.

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13. On top of the bumper, remove the nut add a backing plate and reinstall with Loctite. Do this on both sides.



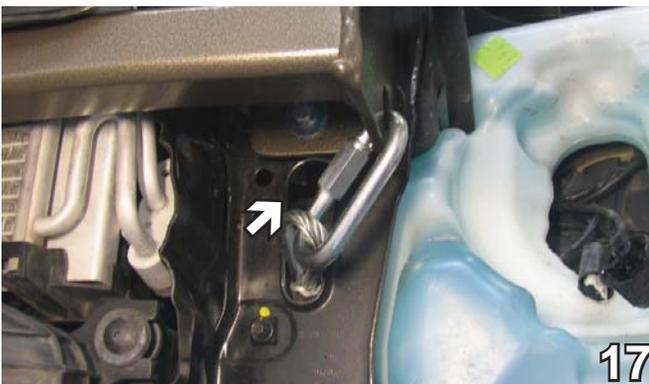
14. On the back side of the fascia, passenger side, pull up the sensor. Using a utility knife, cut off the tab (gray arrow).



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.

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**DEALER or INSTALLER:**  
Be certain the user receives the  
instruction sheets for their products.

**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.



**Shown without removable tabs installed.**



**Shown with removable tabs installed.**



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One Mill Road, Industrial Park  
Pender, Nebraska 68047  
Phone: (402) 385-3051 • Fax: (402) 385-3360  
www.blueox.us  
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