Please visit www.blueox.com for the latest version of these installation instructions.



**BX1308** 2011-16 Mini Cooper Countryman (Includes S) Installation Instructions

Attachment Tab Height: 14"

Attachment Tab Width: 20"

Serial Number

# Please read BOTH these Installation Instructions and the General Information sheet prior to installing or operating this equipment.

- Blue Ox<sup>®</sup> towing products and accessories are intended to be installed by Blue Ox<sup>®</sup> Dealers who are familiar with our products and have the equipment and knowledge necessary to do "fit work". If needed, Blue Ox<sup>®</sup> Dealers can be found at www.blueox.com or by contacting our Technical Service Department at (402) 385-3051.
- Many Blue Ox<sup>®</sup> 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"	S 10 V	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 fascia cover, grille, fascia, brake duct baffles and bumper 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.

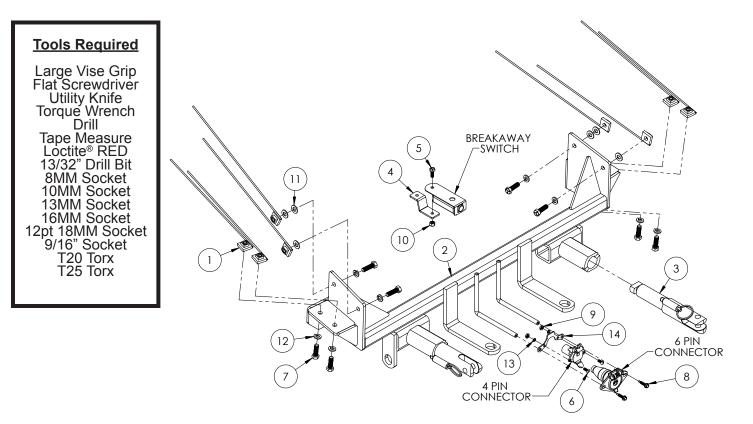
The BX8869 Tail Light Wiring Kit is recommended for this vehicle.

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<sup>®</sup> 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.

BX1308 2011-16 Mini Cooper Countryman (Includes S) Installation Instructions



Item No.	Part No.	Description	Qty.
1	61-5208	3/8"-16 Nut Plate w/ 14" Wire	8
2	61-6879	BX1308 Baseplate	1
3		Attachment Tab Assembly with Hole	2
4	102-7195	BX1308 Breakaway Bracket	1
5	201-0050	1/4"-20 x 3/4" Hex Head Bolt, Grade 5, ZP	1
6	201-0192	#10-32 1/2" Round Slotted Head Screw	2
7		3/8"-16 x 1-1/4" Hex Head Bolt, Grade 5, ZP	8
8	201-0979	#12-14 x 1" Self Drilling Screw, ZP	2
9		#10-32 Hex Nut	2
10		1/4"-20 Hex Nylon Nut, ZP	1
11		3/8" Flat Washer, ZP	6
12		3/8" Lock Washer, ZP	8
13		#10 Lock Washer, ZP	2
14		4-Way Bracket	1
15		Class III Safety Cables	2
		3/8" Quicklink, ZP	
17		Black Cap Plug Receiver	
18		8" Nylon Cable Tie	

#### Important:

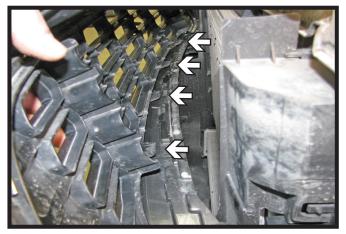
Use only genuine factory replacement parts on your baseplate. Do **NOT** substitute homemade or non-typical parts. If a bolt is lost or in need of replacement, for your safety and the preservation of your baseplate, be sure to use a replacement bolt of the same grade (In most cases it will be Grade 5, 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 10MM socket, remove the four (4) screws from the fascia cover and set aside.



2. Reach down underneath the corner of the headlight, push down on the clip on the corner of the grille and pull to release. Do this on both sides of the vehicle.



3. Using a flat screwdriver, push down on each of the four (4) clips going across the bottom of the grille to release it from the fascia. Do this on both sides of the vehicle. Set the grille aside.



4. Using a T25 Torx, remove the two (2) screws from the top edge of the fascia.



5. Using a 8MM socket, remove the screw from edge of the wheel well (gray). Then remove the four (4) push pins along the edge. Do this on both sides of the vehicle.



6. Unsnap the fender flare from the body. Behind the flare, using a T25 Torx, remove the screw from the fascia. Do this on both sides of the vehicle.

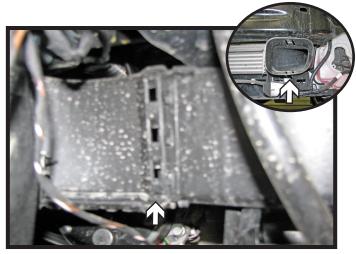


 Using a T25 Torx, remove the screw from the underside of the fascia (white). Then the two (2) push pins next to the screw (gray). Do this on both sides of the vehicle.

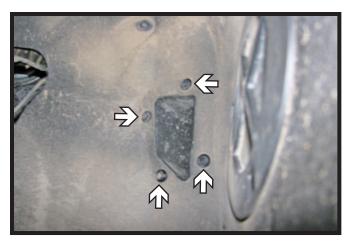


8. Remove the three (3) push pins from the underside of the fascia towards the middle of the vehicle.

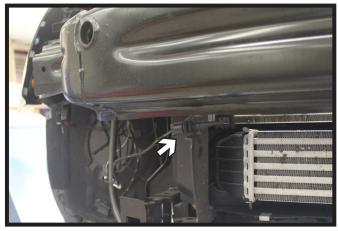
Pull the fascia forwards disconnecting all electrical connections and set the fascia aside.



9. In front of the wheel well, using a flat screwdriver, disconnect the brake duct baffle and set aside. Do this on both sides of the vehicle.



10. Using a 8MM, remove the four (4) screws from inside the wheel well that hold the on the brake duct. Set the duct aside, this will allow access to bumper bolts later on. Do this on both sides of the vehicle.



11. On the passenger side under the bumper, remove the temperature sensor from the plastic shrouding. The sensor will be relocated after baseplate installation.



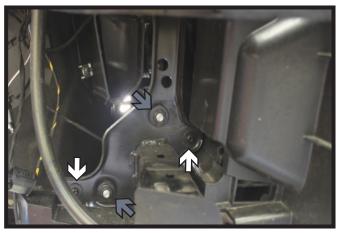
12. Using a T20 Torx, remove the screw from the top side of the bumper (white).

**2011-14 Models:** Using a 16MM socket, remove the two (2) nuts (gray). Do this on both sides of the vehicle.

**2015 Models:** Using a 12 point 18MM socket, remove the two (2) nuts (gray). Do this on both sides of the vehicle.



 Using a 16MM socket, remove the bolt from the backside of the middle bumper bracket. Do this on both sides of the vehicle.



14. Using a T20 Torx, remove the two (2)screws from the bottom side of the bumper (white).

**2011-14 Models:** Using a 13MM socket, remove the two (2) bolts from the backside of the bumper (gray).

**2015 Models (not shown):** Using a 12 point 18MM socket, remove the one (1) bolt from the backside of the bumper.

Do this on both sides of the vehicle. Remove the bumper from the vehicle.

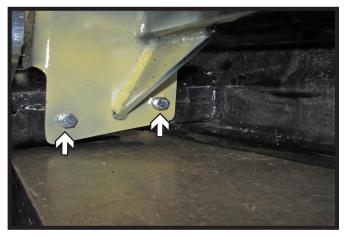


15. Set the bumper upside down on a table. Holding the baseplate upside down, insert the passenger side first (white arrow). Then slide the driver side into place on the bumper extension. The baseplate should be positioned as far forward as possible and then securely clamp in place.



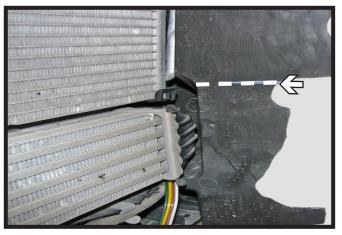
16. Using a 13/32" drill bit, drill the bottom two (2) holes in the baseplate thru the bumper. Install 3/8"-16 x 1-1/4" bolts with 3/8" lock washers into the holes and 3/8"-16 nut plates on the inside of the bumper, using the flat washers in between the bumper and baseplate as spacers. Do this on both sides of the bumper. Tighten all fasteners.

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



- Using a 13/32" drill bit, drill the inner two

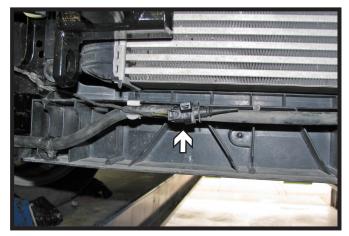
   (2) holes in the baseplate thru the bumper.
   Install 3/8"-16 x 1-1/4" bolts with 3/8" lock washers into the holes and 3/8"-16 nut plates on th inside of the bumper. Do this on both sides of the bumper. Tighten all fasteners.
- \*\* Use Loctite<sup>®</sup> Red on all bolt threads and tighten all bolts to the appropriate torque.



 Trim the lower portion of the plastic shrouding off as shown for baseplate clearance. Do this on both sides of the vehicle.



 Unsnap the washer fluid line from the three (3) clips for easier bumper/baseplate installation.



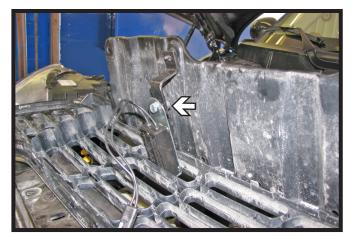
20. Reinstall the bumper/baseplate to the vehicle with the existing hardware. Reinstall the washer fluid line back into the clips. Then zip-tie the temperature sensor to the washer fluid line as shown.



21. 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.



22. Reinstall the brake duct baffles on both sides of the vehicle.





23. **Optional:** Attach the breakaway to the bracket with 1/4"-20 x 3/4" bolt and 1/4"-20 nut (left). Insert the breakaway switch into the grille opening in line with the center bolt hole on the driver side of the fascia cover. Reinstall the grille and the cover. Attach the breakaway bracket with an existing bolt inserted from the top of fascia cover that was removed in step 1 (right).



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

## 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 technical service 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.

© 2016 Blue Ox One Mill Road, Industrial Park Pender, Nebraska 68047 Phone: (402) 385-3051 Fax: (402) 385-3360 www.blueox.com

## **General Information**

- 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<sup>®</sup> 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

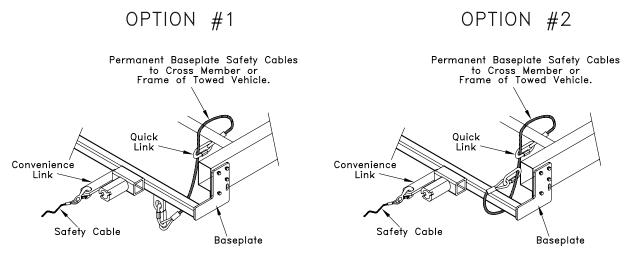
\*\* If the baseplate is improperly installed and is against a wire or hose, it could cause fluid leaks or electrical shorts some time after the actual baseplate installation.

#### 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.



## BLUE OX ORIGINAL PURCHASERS THREE YEAR LIMITED WARRANTY

Automatic Equipment Manufacturing Company ("Automatic") warrants to the original (first) retail purchaser that this product, manufactured by Automatic, shall be free from defect in material and workmanship under normal use and service for a period of three years from the date of delivery.

During said three-year period, Automatic will repair or replace any parts that have been returned by the original purchaser, to the factory, transportation prepaid, and in Automatic's sole and absolute opinion found to be defective.

Limitations on Warranty Coverage:

Coverage under this warranty will be valid only if the customer warranty card is returned by the original purchaser within 30 days of purchase.

Coverage under this warranty will be effective only when a copy of the original invoice, showing date and place of purchase, accompanies any claim for warranty. This warranty is NON TRANSFERABLE.

This limited warranty will not cover, in any way or form, any alleged damages caused by incorrect or improper installation, improper use, modification or neglect of product, failure to properly service and maintain, misuse, act of God, accident or failure of the user to follow guidelines contained in the instructional material provided by Automatic.

This warranty does not cover normal wear and tear, paint or rust.

Warrantor assumes no responsibility to the owner for loss of use of product, loss of time, inconvenience or any other damage consequential or otherwise. Including, but not limited to mileage, expense of transporting of product, return shipping expense, mechanics travel time, telephone, road service, towing, and rental during repairs, travel, lodging, loss or damage to personal property or loss of earnings.

REPAIR OR REPLACEMENT AS SET FORTH IN THIS LIMITED WARRANTY IS THE SOLE EXCLUSIVE REMEDY OF THE PURCHASER. AUTOMATIC SHALL NOT BE LIABLE FOR ANY INCIDENTAL OR CONSEQUENTIAL DAMAGES FOR BREACH OF ANY EXPRESS OR IMPLIED WARRANTY ON THIS PRODUCT. EXCEPT TO THE EXTENT PROHIBITED BY APPLICABLE LAW, ANY IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE ON THIS PRODUCT IS LIMITED IN LENGTH TO THE DURATION OF THIS WARRANTY.

Please visit <u>http://blueox.com/warranty/</u> to register your warranty

