



BX1312

2015-18 Mini Cooper Hardtop 2016-18 Mini Cooper Convertible (Includes S) (No JCW) Installation Instructions

Attachment Tab Height: 11"

Attachment Tab Width: 20"

Please read BOTH these Installation Instructions and the General Information sheet 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 "it work".
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

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

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.

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Instruction Notes: The fascia, horns and windshield washer fluid reservoir are removed and reinstalled for the baseplate installation. The brake ducts are removed and can be reinstalled after modification if desired. 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

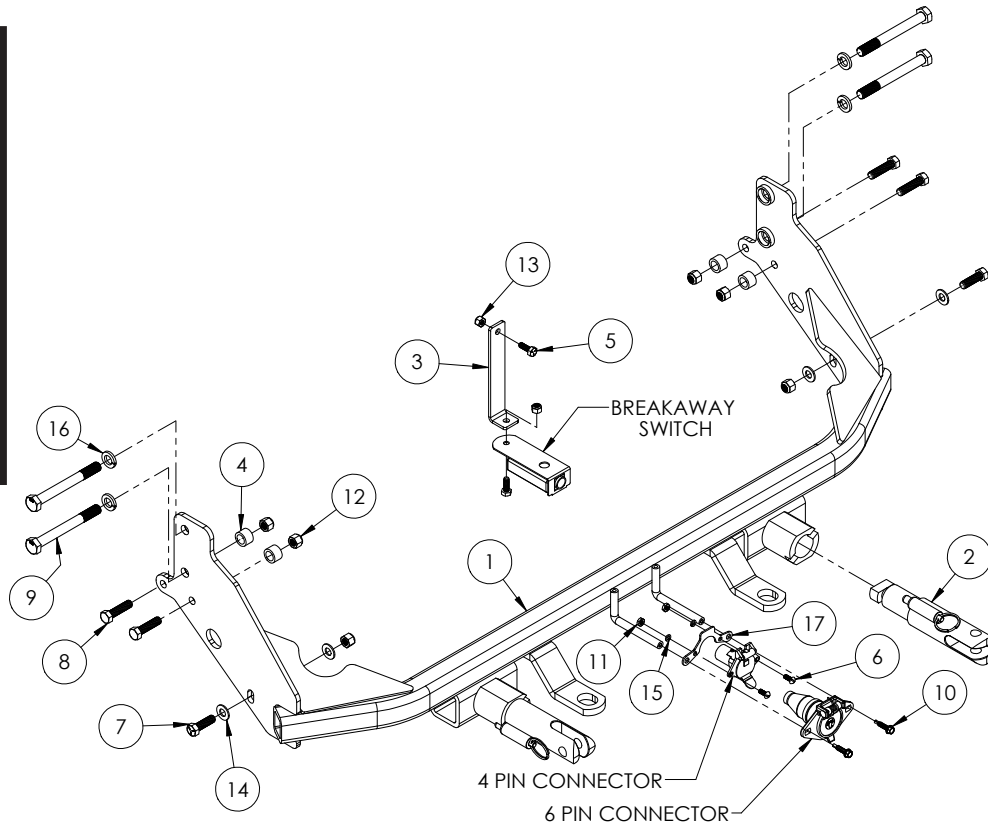
- Handling of some cosmetic parts when installing this product may require the use of protective covers, rags, specialty tools, etc. to prevent damage.
- When using power drills be aware of the dangers of torque and drill bit length.
- When using a reciprocating saw be aware of objects behind the cutting 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 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.

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Tools Required

Utility Knife
Torque Wrench
Drill
Reciprocating Saw
Tape Measure
Loctite® RED
3/8" Drill Bit
8MM Socket
10MM Socket
18MM Socket
9/16" Socket
9/16" Wrench
T30 Torx



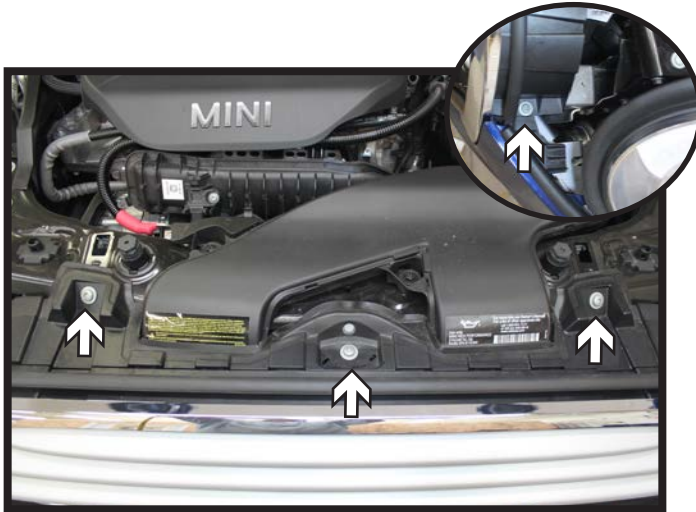
Item No.	Part No.	Description	Qty.
1	61-7487	BX1312 Baseplate	1
2	62-3468	Attachment Tab Assembly with Hole	2
3	102-7582	Breakaway Bracket	1
4	107-1801	3/4" Spacer Tube	4
5	201-0050	1/4"-20 x 3/4" Hex Head Bolt, Grade 5, ZP	2
6	201-0192	#10-32 1/2" Round Slotted Head Screw	2
7	201-0368	3/8"-16 x 1-1/4" Hex Head Bolt, Grade 5, ZP	2
8	201-0440	3/8"-16 x 1-1/2" Hex Head Bolt, Grade 5, ZP	4
9	201-0588	12MM-1.5 x 110MM Hex Head Bolt, 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	6
13	202-0102	1/4"-20 Hex Nylon Nut, ZP	2
14	203-0003	3/8" Flat Washer, ZP	4
15	203-0054	#10 Lock Washer, ZP	2
16	203-0105	12MM Lock Washer, ZP	4
17	299-0685	4-Way Bracket	1
18	226-0046(not shown)	Class III Safety Cables	2
19	229-0359(not shown)	3/8" Quicklink, ZP	2
20	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.

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1. Using a T30 Torx, remove the three (3) screws from the top edge of the fascia. Then remove the two (2) screws next to the headlights, there is one (1) on each side (inset).



2. Using a 8MM socket, remove the screw from the outer edge of the wheel well. Do this on both sides of the vehicle.



3. Using a 8MM socket, remove the seven (7) screws from the underside of the fascia.

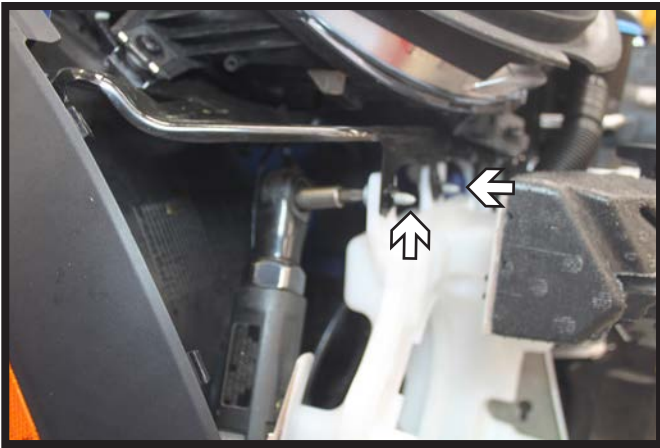


4. Pry the fender flare away from vehicle. Using a T30 Torx, remove the screw from behind the fender flare. Do this on both sides of the vehicle.

Pull the corners of the fascia away from the vehicle disconnecting any electrical connections and set the fascia aside.

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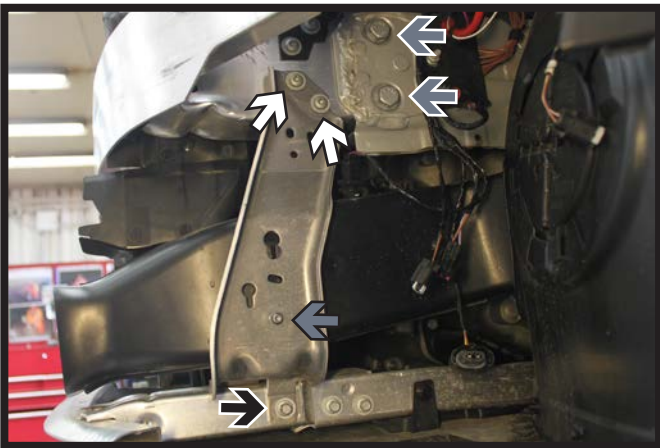
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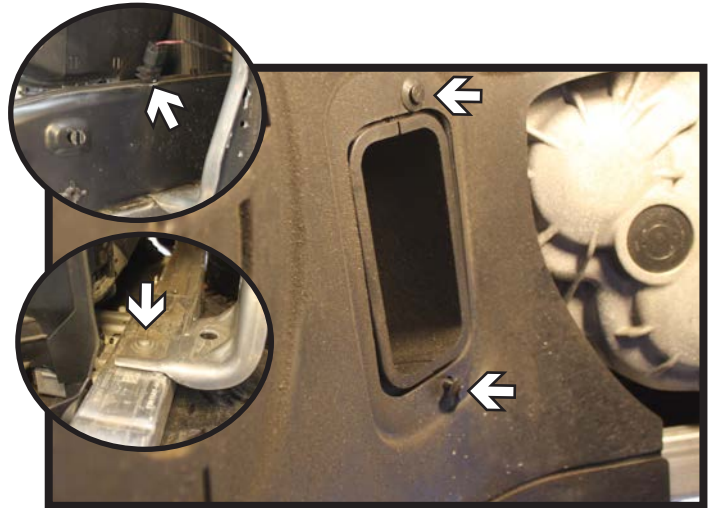
5. Using a T30 Torx, remove the two (2) screws from the washer reservoir. Disconnect/Plug all lines and set the reservoir aside.



6. On the driver side, using a T30 Torx, remove the two (2) screws from the horn bracket. Disconnect all lines and set the horn assembly aside.



7. Using a T30 Torx, remove the two (2) screws from the top of the support bracket (white). Using a T25 Torx, remove the screw from the duct (gray). Using a 8MM socket, remove the bolt from the bottom of the support bracket (black).
Using a 18MM socket, remove the two (2) frame bolts (gray/white).
Do this on both sides of the vehicle.



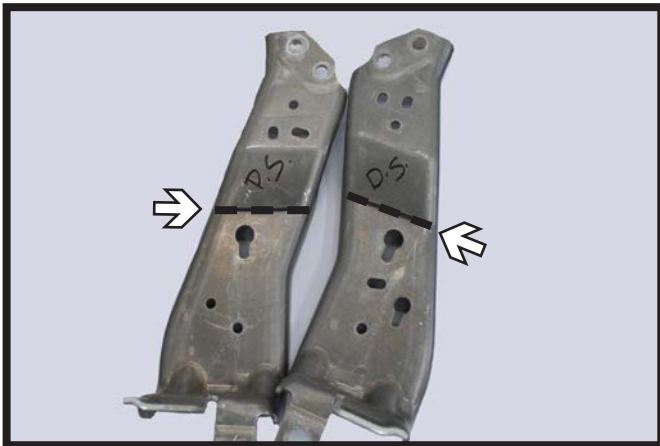
8. In the wheel well, remove the two (2) push pins from the backside of the duct. Remove the duct from the vehicle.
Note: on the driver side, remove the temperature sensor from the duct prior to removing from the vehicle (upper inset).
Using a T30 Torx, remove the lower screw from the brace and set the brace aside (lower inset).
Do this on both sides of the vehicle.

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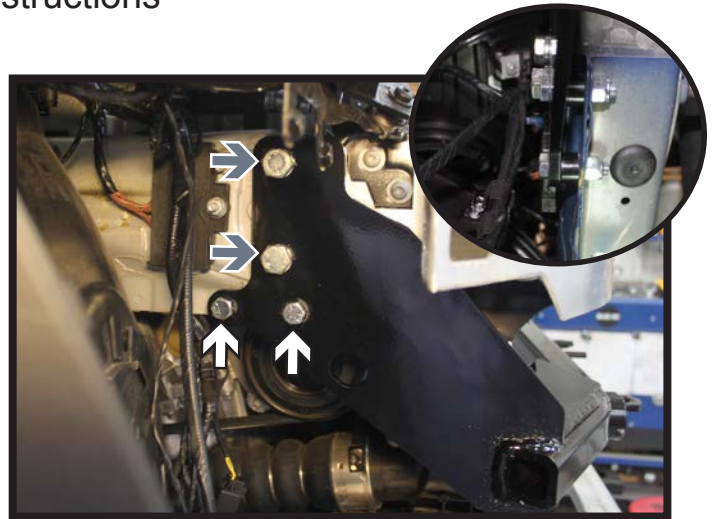


9. Trim the plastic shielding as shown on both sides of the vehicle for baseplate clearance.



11. Trim off the upper section of the support brackets as shown.
12. Reinstall the support bracket with the existing bolts. If needed mark the backside of the bracket where the existing hole in the baseplate hits. Remove the bracket and drill the hole with a 3/8" bit. Reinstall the bracket using the existing bolts and a 3/8"-16 x 1-1/4" bolt and lock nut through the baseplate.
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.

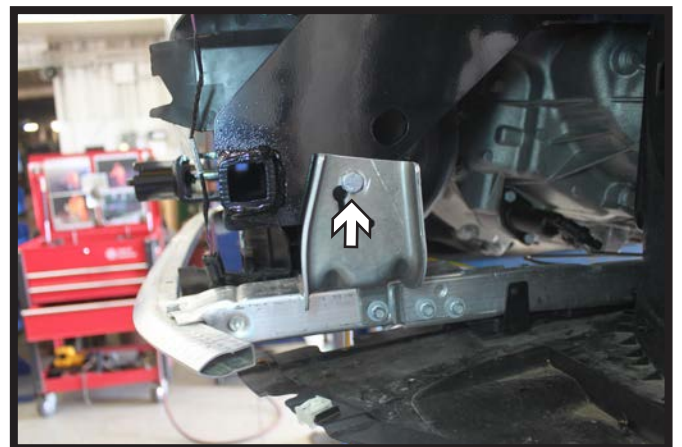


10. Install the baseplate to the vehicle using the existing frame holes with the supplied 12MM bolts and lock washers (gray). Level and fully tighten all bolts.

Using a 3/8" drill bit, drill the lower mounting holes thru the frame. Install the 3/8"-16 x 1-1/2" bolts and 3/8" lock nuts with the spacer tubes in between frame and baseplate (inset).

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.

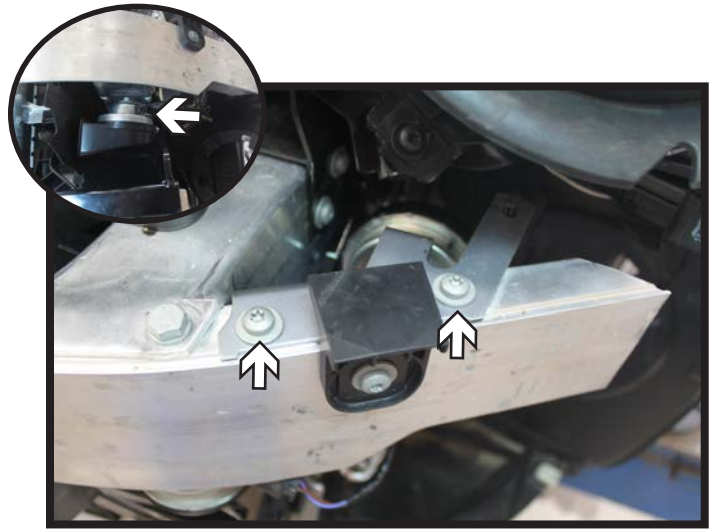


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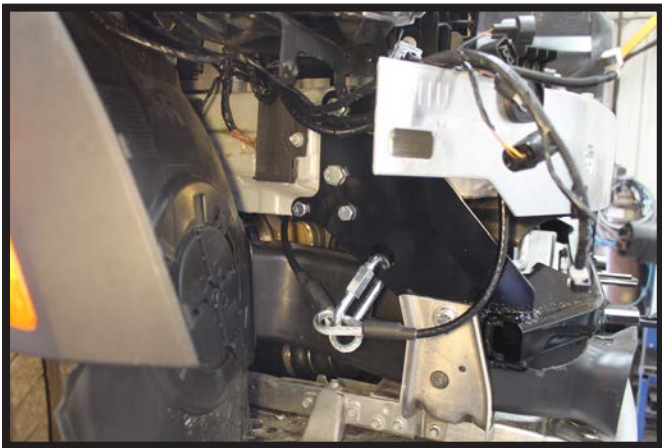
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13. Using a 10MM socket, remove the screw from the lower horn.



14. Leaving the lower horn loose, reinstall the bracket to the vehicle. After the bracket is reinstalled reattach the lower horn to the bracket.



15. Attach the permanent baseplate safety cables to the convenience link hole on the baseplate. 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. **Optional:** Attach the breakaway bracket to the bumper in the desired location with the supplied 1/4" hardware.

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17. On the driver side, zip tie the temperature sensor securely.
Trim the brake ducts as needed to clear the baseplate and reinstall to the vehicle.



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



General Information

1. 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.
2. It is the owner's responsibility to hook up all towing equipment per manufacturer's instructions/ recommendations.
3. 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.

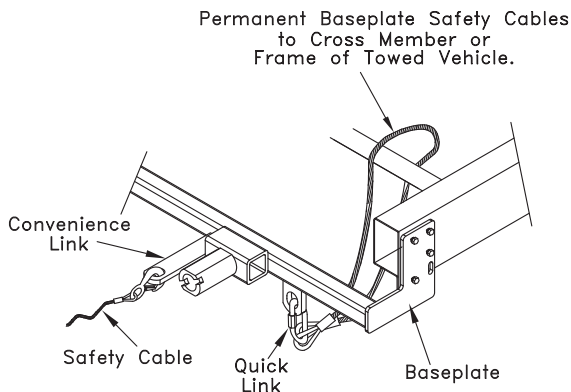
Permanent Baseplate Safety Cable Installation

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.

OPTION #1



OPTION #2

