



BX1718

2015-18 Chevy Suburban/Tahoe 2015-18 GMC Yukon/Yukon XL (Includes Denali) (With Adaptive Cruise) (No Z71) Installation Instructions

Please read **BOTH** these Installation Instructions and the General Information sheet prior to installing or operating 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 necessary to do “fit work”.
- 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.



Attachment Tab Height: 17-1/2”

Attachment Tab Width: 22-1/2”

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



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.

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

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Instruction Notes: The fascia cover and fascia 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 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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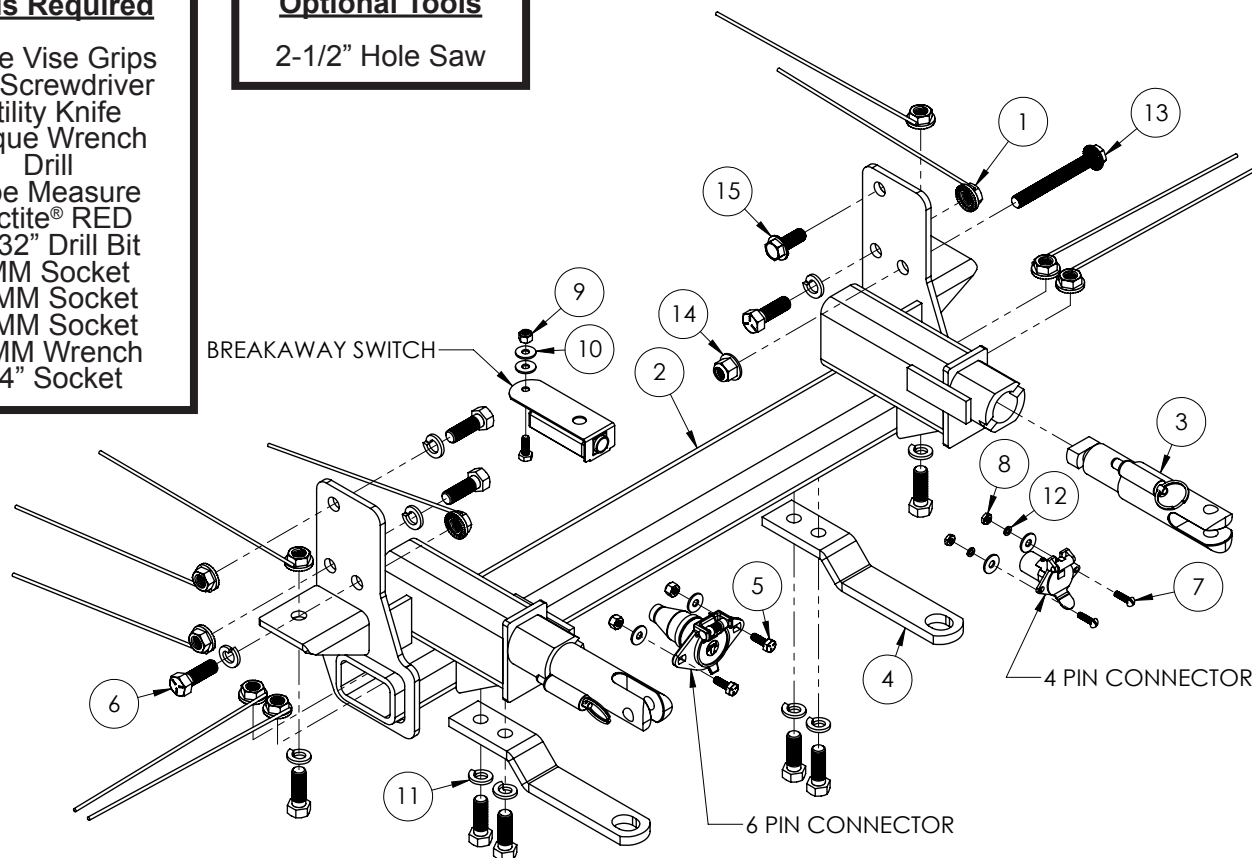
Installation Instructions

Tools Required

Large Vise Grips
Flat Screwdriver
Utility Knife
Torque Wrench
Drill
Tape Measure
Loctite® RED
17/32" Drill Bit
7MM Socket
10MM Socket
18MM Socket
18MM Wrench
3/4" Socket

Optional Tools

2-1/2" Hole Saw



Item No.	Part No.	Description	Qty.
1.....	61-4029.....	1/2"-13 Whiz Nut w/ 10" Wire.....	10
2.....	61-7356.....	BX1718 Baseplate.....	1
3.....	62-3468.....	Attachment Tab Assembly with Hole.....	2
4.....	102-7533.....	Convenience Link.....	2
5.....	201-0050.....	1/4"-20 x 3/4" Hex Head Bolt, Grade 5, ZP.....	3
6.....	201-0051.....	1/2"-13 x 1-1/2" Hex Head Bolt, Grade 5, ZP.....	10
7.....	201-0289.....	#10-32 x 3/4" Round Slotted Head Screw.....	2
8.....	202-0047.....	#10-32 Hex Nut.....	2
9.....	202-0102.....	1/4"-20 Hex Nylon Nut, ZP.....	3
10.....	202-0001.....	1/4" Flat Washer, ZP.....	4
11.....	203-0012.....	1/2" Lock Washer, ZP.....	10
12.....	203-0054.....	#10 Lock Washer, ZP.....	2
13.....	Existing.....	12MM Bolt Long.....	1
14.....	Existing.....	12MM Nut.....	1
15.....	Existing.....	12MM Bolt.....	1
16.....	226-0049(not shown).....	Class IV Safety Cables.....	2
17.....	229-0512(not shown).....	1/2" Quicklink, ZP.....	2
18.....	290-0437(not shown).....	Black Cap Plug Receiver.....	2

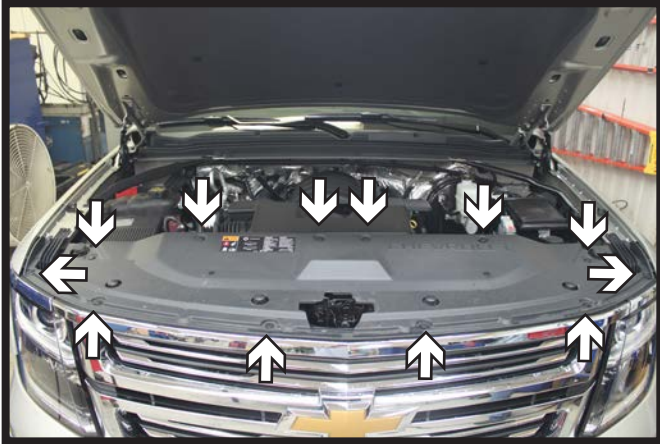
Important:

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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Chevy Suburban/Tahoe Models



1. Remove the twelve (12) push pins from the fascia cover and set aside.

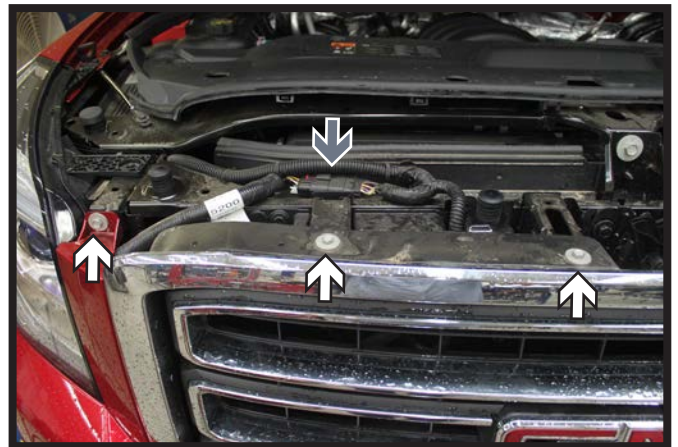


2. Using a 10MM socket, remove the six (6) screws from the top edge of the fascia (white). There are three (3) on each side. On the passenger side, disconnect the wiring harness (gray).

GMC Yukon/Yukon XL Models



1. Remove the six (6) push pins from the fascia cover and unsnap the front edge. Set the cover aside.



2. Using a 10MM socket, remove the six (6) screws from the top edge of the fascia (white). There are three (3) on each side. On the passenger side, disconnect the wiring harness (gray).

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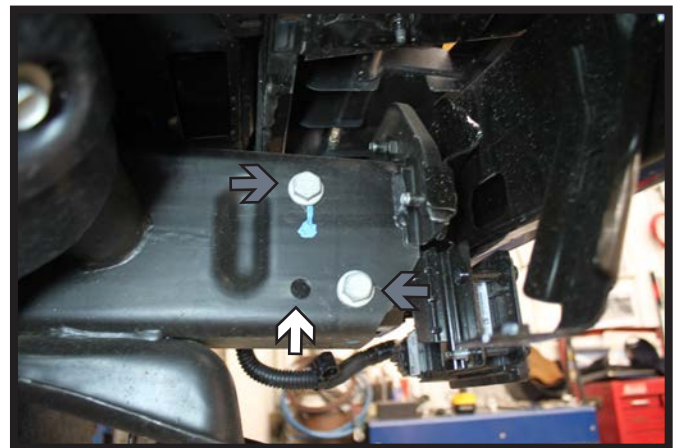
3. Using a 7MM socket, remove the six (6) screws from the edge of the wheel well. Do this on both sides of the vehicle.



4. Using a 10MM socket, remove the eight (8) screws from the underside of the fascia. There are three (3) on each side and two (2) in the middle.



5. ⚠ Gently pry the clips of the corners of the fascia loose from the fender. Behind the grille towards the base, pop loose the two (2) clips. Remove the fascia from the vehicle and set aside.

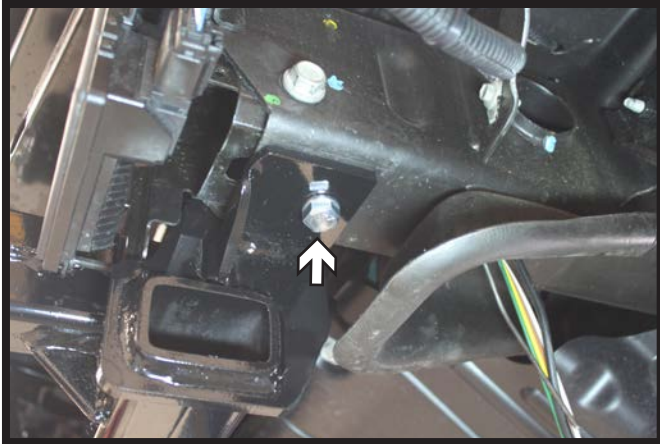


6. Using a 17/32" drill bit, drill out the existing hole in the bottom of the frame thru the ACC bracket (white).
Using a 18MM socket/wrench, remove the ACC unit bolts from the frame (gray). The unit does not need to be removed from the frame pocket.

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7. Align the baseplate to the existing holes in the frame. Start the two (2) existing bolts on the driver side that were removed from the ACC bracket (right). On the passenger side install a 1/2"-13 x 1-1/2" bolt with lock washer into the existing hole and a 1/2"-13 whiz nut on the inside (left). Level the baseplate and fully tighten all hardware.



8. Using a 17/32" drill bit, drill out the existing hole in the bottom of the frame. Install a 1/2"-13 x 1-1/2" bolt with lock washer into the hole and a 1/2"-13 whiz nut on the inside of the frame. Do this on both sides of the vehicle. Fully tighten all hardware.



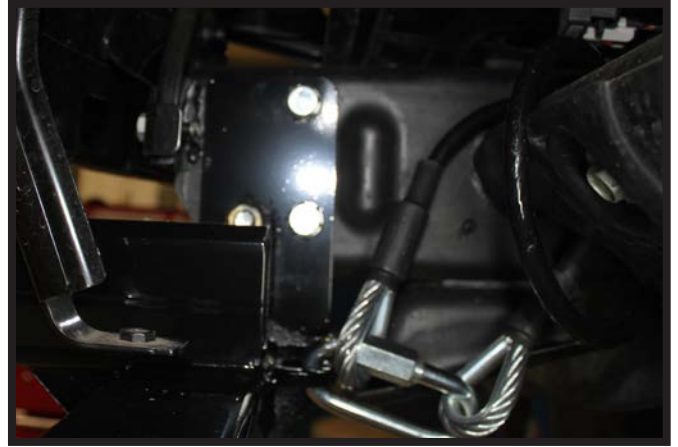
9. Using a 17/32" drill bit, drill out the remaining holes in the inside of the passenger side frame. Install 1/2"-13 x 1-1/2" bolts with lock washers into the hole and a 1/2"-13 whiz nuts on the inside of the frame. Fully tighten all hardware.

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10. On the driver side, install 1/2"-13 x 1-1/2" bolt with lock washer into the hole and a 1/2"-13 whiz nut on the inside of the frame. Fully tighten all hardware.



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 General Information sheet. Be sure the safety cables do not rub against any hoses or moving parts. Do this on **BOTH** sides of the vehicle.



12. On the backside of the fascia, disconnect the wiring loop. Reinstall the fascia as close to its original position. Mark and trim the fascia around the attachment tabs.

Optional: Center a 2-1/2" hole saw over the marked area and drill thru the fascia.



13. Reinstall the fascia as close to its original position. Hold the convenience link as close to its installed position. Mark and trim the fascia around the convenience link. Do this on both sides of the vehicle.

Install the convenience links to the baseplate with 1/2"-13 x 1-1/2" bolts with lock washers and a 1/2"-13 whiz nuts on the inside of the baseplate. Fully tighten all hardware.

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14. Reinstall the fascia and fascia cover.
Note: The inside fascia brackets may need to be bent upwards slightly to reinstall the inner screws (inset).



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

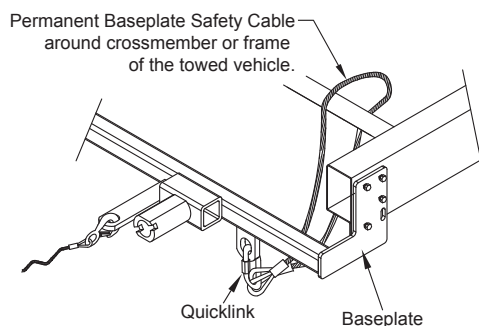
Permanent baseplate safety cables are strongly recommended when towing a vehicle with a tow bar. The principle function of the permanent baseplate safety cables is to prevent the towed vehicle from breaking loose in the event the connection between the frame of the towed vehicle and the baseplate fails 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

(Baseplates with Convenience Link Tabs)



Option #2

(Baseplates with out Convenience Link Tabs)

