



# BX1674

## 2007-13 Chevy/GMC 1500 Hybrid & New Style Installation Instructions

**Attachment Tab Height: 15-1/4"**

**Attachment Tab Width: 31-1/2"**

**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 "it 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.



### 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:** Some drilling and trimming of the tow hook shield 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 Diode Wiring Kit is recommended for 2007-08 models.

The BX8869 Tail Light Wiring Kit is recommended for 2009 thru 2013 models.

## ***NOTICE***

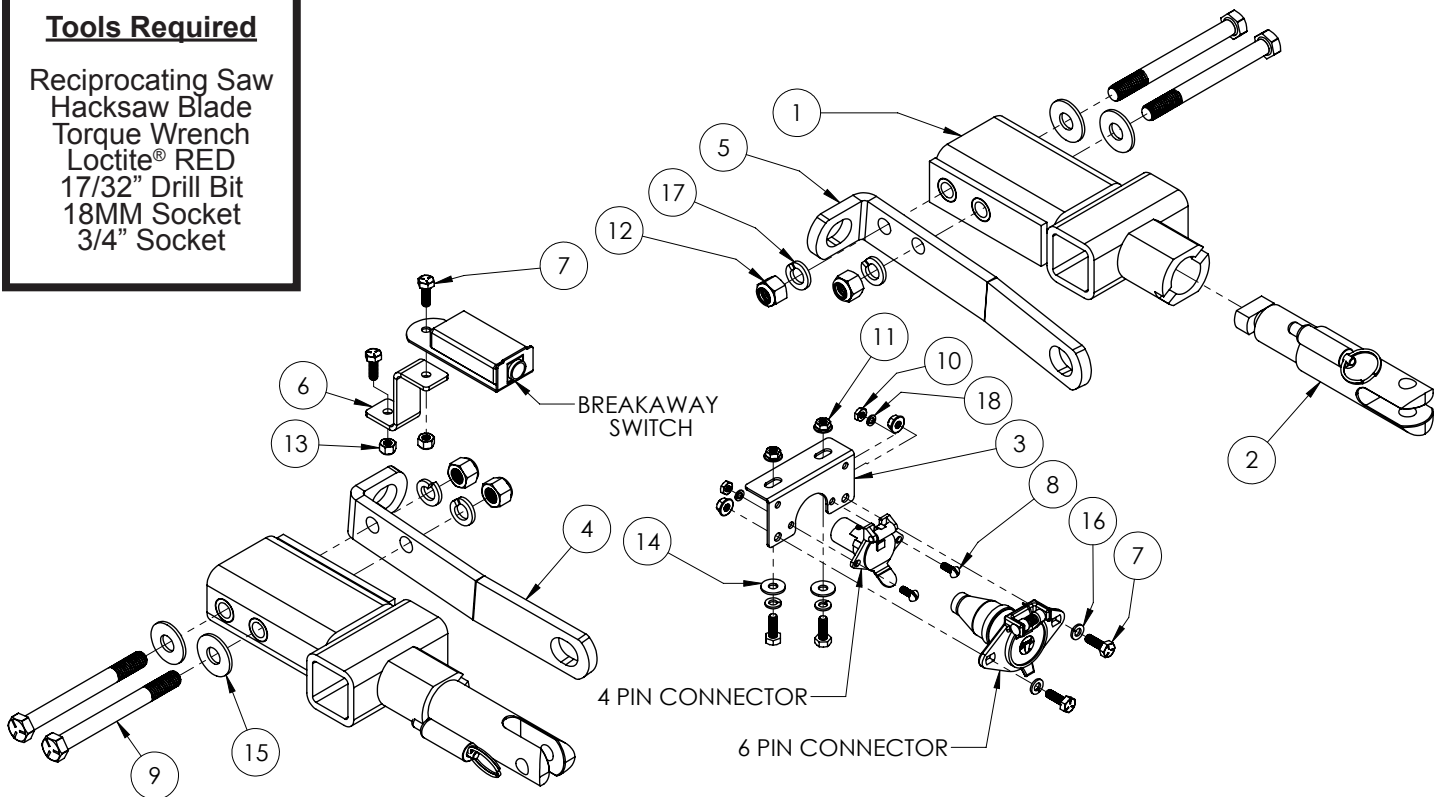
- Handling of some cosmetic parts when installing this product may require the use of protective covers, rags, specialty tools, etc. to prevent damage.
- When using power drills be aware of the dangers of torque and drill bit length.
- When using a reciprocating saw be aware of objects behind the cutting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

Reciprocating Saw  
Hacksaw Blade  
Torque Wrench  
Loctite® RED  
17/32" Drill Bit  
18MM Socket  
3/4" Socket

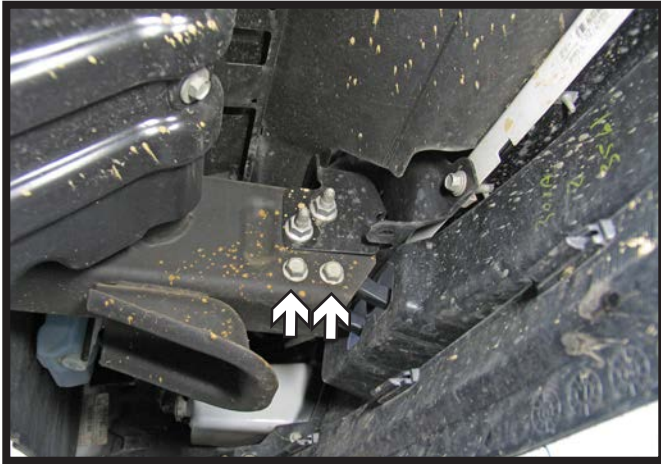


Item No.	Part No.	Description	Qty.
1.....	61-6380	BX1674 Baseplate.....	2
2.....	62-3468	SF/SB Assembly Attachment.....	2
3.....	101-6135	90 Degree Electrical Bracket.....	1
4.....	102-6797	BX1674 Convenience Link, 12", PS.....	1
5.....	102-6798	BX1674 Convenience Link, 12", DS.....	1
6.....	102-7056	Coolant Bracket Breakaway.....	1
7.....	201-0050	1/4"-20 x 3/4" Hex Head Bolt, Grade 5, ZP.....	6
8.....	201-0192	#10-32 x 1/2" Round Slot Head Screw.....	2
9.....	201-0786	1/2"-13 x 5" Hex Head Bolt, Grade 5, ZP.....	4
10.....	202-0047	#10-32 Hex Nut.....	2
11.....	202-0069	1/4"-20 Hex Flange Whiz Lock Nut, ZP.....	4
12.....	202-0094	1/2"-13 Hex Nylon Insert Lock Nut, ZP.....	4
13.....	202-0102	1/4"-20 Hex Nylon Nut, ZP.....	2
14.....	203-0001	1/4" Flat Washer, ZP.....	2
15.....	203-0005	1/2" Flat Washer.....	4
16.....	203-0008	1/4" Lock Washer, ZP.....	4
17.....	203-0012	1/2" Lock Washer, ZP.....	4
18.....	203-0054	#10 Lock Washer.....	2
19.....	226-0049(not shown)	Class IV Safety Cables.....	2
20.....	229-0512(not shown)	1/2" Quicklink, ZP.....	2
21.....	290-0437(not shown)	Black Cap Plug.....	2

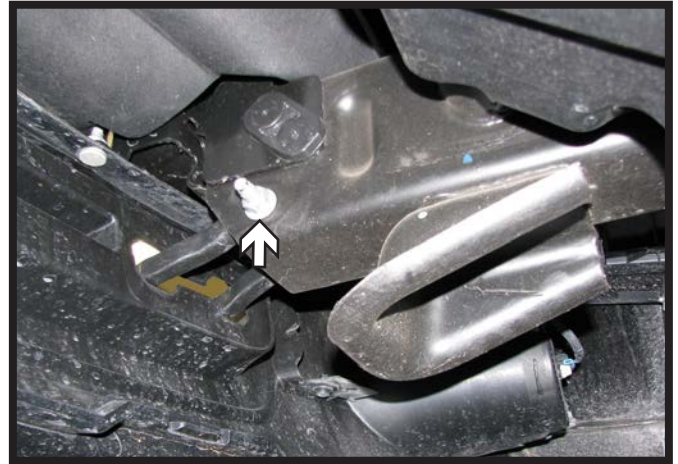
### Important:

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.

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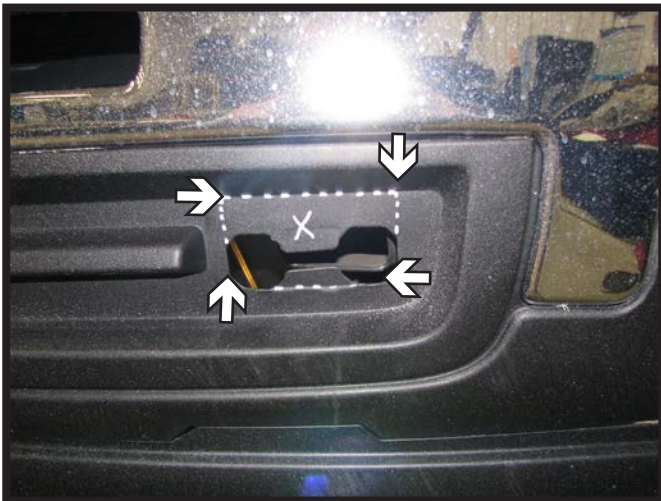


1. Using a 18MM socket, remove two (2) bolts from the inside edge of the frame rail. Do this to both sides of the vehicle. This hardware will not be reinstalled.

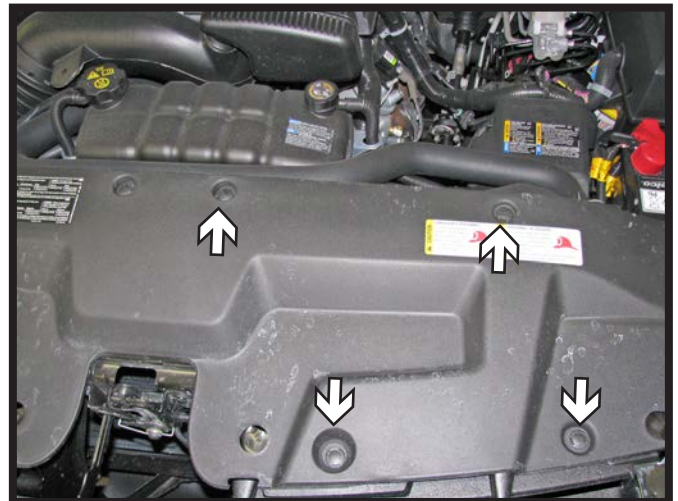


2. Using a 18MM socket, remove one nut from the outside edge of the frame rail. Pull the tow hook forward and remove it. Do this to both sides of the vehicle. The factory tow hooks will not be reinstalled.

**Note: Please insure that the tow hooks and hardware are returned to customer after baseplate installation.**

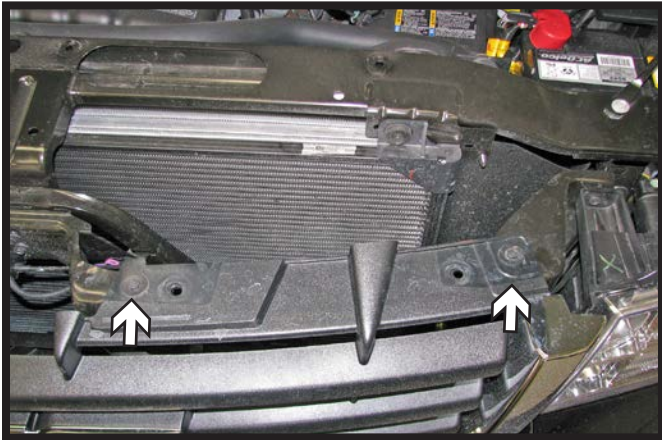


3. Using a utility knife, trim the top part of the tow hook shield. Do this to both sides of the vehicle.



4. Remove four (4) pushpins from the flat plastic piece on top of fascia. Do this to both sides of the vehicle.

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5. Using a 10MM socket remove two bolts from the top front edge of the grille. Do this to both sides of the vehicle.



6. Remove the bolt on top of frame end, just below plastic removed in Step 4 with a 21MM socket. Reinstall the bolt with four (4) 1/2" flat washers. Do this to both sides, one side at a time.

Note: On some 2012 models the nut on underside may need to be trimmed for baseplate clearance.

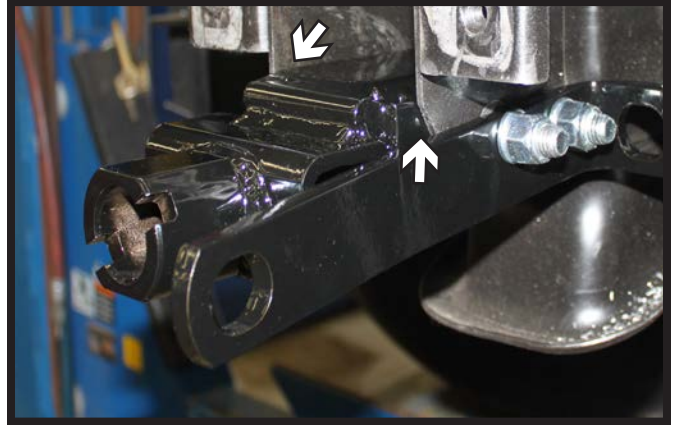
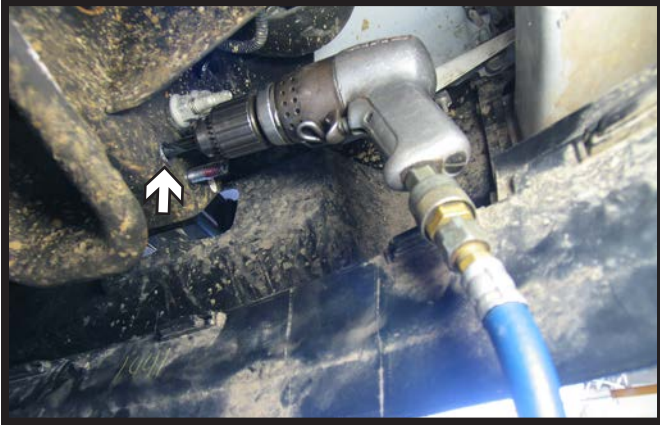


7. Remove two push pins from the opening in the grille (7A). They will be replaced with bolts and brackets (7B). Install the breakaway bracket on the passenger side with 1/4"-20 x 3/4" bolt and 1/4"-20 nut. Attach the breakaway to the bracket also with 1/4"-20 x 3/4" bolt and 1/4"-20 nut.




8. Slide the baseplate into frame end to align with the front tow hook hole on the outside of the frame rail. Insert straight portion of the convenience link thru the tow hook opening and align it with the existing holes of the frame. Insert a 1/2"-13 x 5" bolt thru the frame with a 1/2" lock washer and 1/2" lock nut on the other side and tighten down. Do this to both sides of the vehicle.

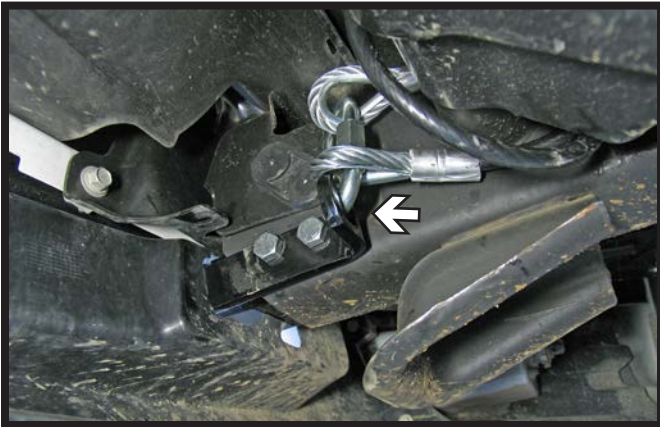
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9. Using the existing back hole and the baseplate as a template, drill thru the the frame with a 17/32" drill bit. Insert a 1/2"-13 x 5" bolt into the hole with a 1/2" lock washer and 1/2"-13 nylon lock nut on the back side and tighten down (left).

**Tighten down both fasteners until the frame squeezes against the baseplate, regardless of torque specifications (right).** Do this on both sides of the vehicle. (Fascia not shown for clarity)

 Caution: If the baseplate is not squeezed tight against the frame it can come loose during use.



10. 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.

# 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

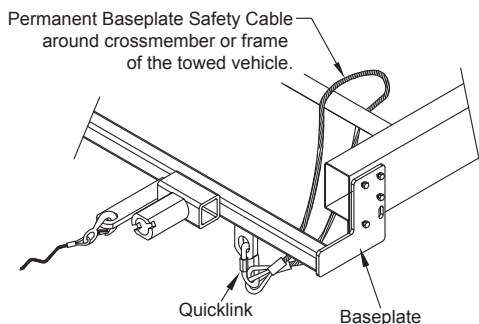
Permanent baseplate safety cables are strongly recommended when towing a vehicle with a tow bar. The principle function of the permanent baseplate safety cables is to prevent the towed vehicle from breaking loose in the event the connection between the frame of the towed vehicle and the baseplate fails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

