



Baseplate Installation Instructions

**BX2715**

# 2010-12 Kia Soul 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.com](http://www.blueox.com) or by contacting our Customer Care Department at (402) 385-3051.
- 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 Installation Instructions.

Attachment Tab Height: 15.5”  
Attachment Tab Width: 26”

**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

**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.**

**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



**If the front of your vehicle looks different than this, call us at (402) 385-3051.**

**! 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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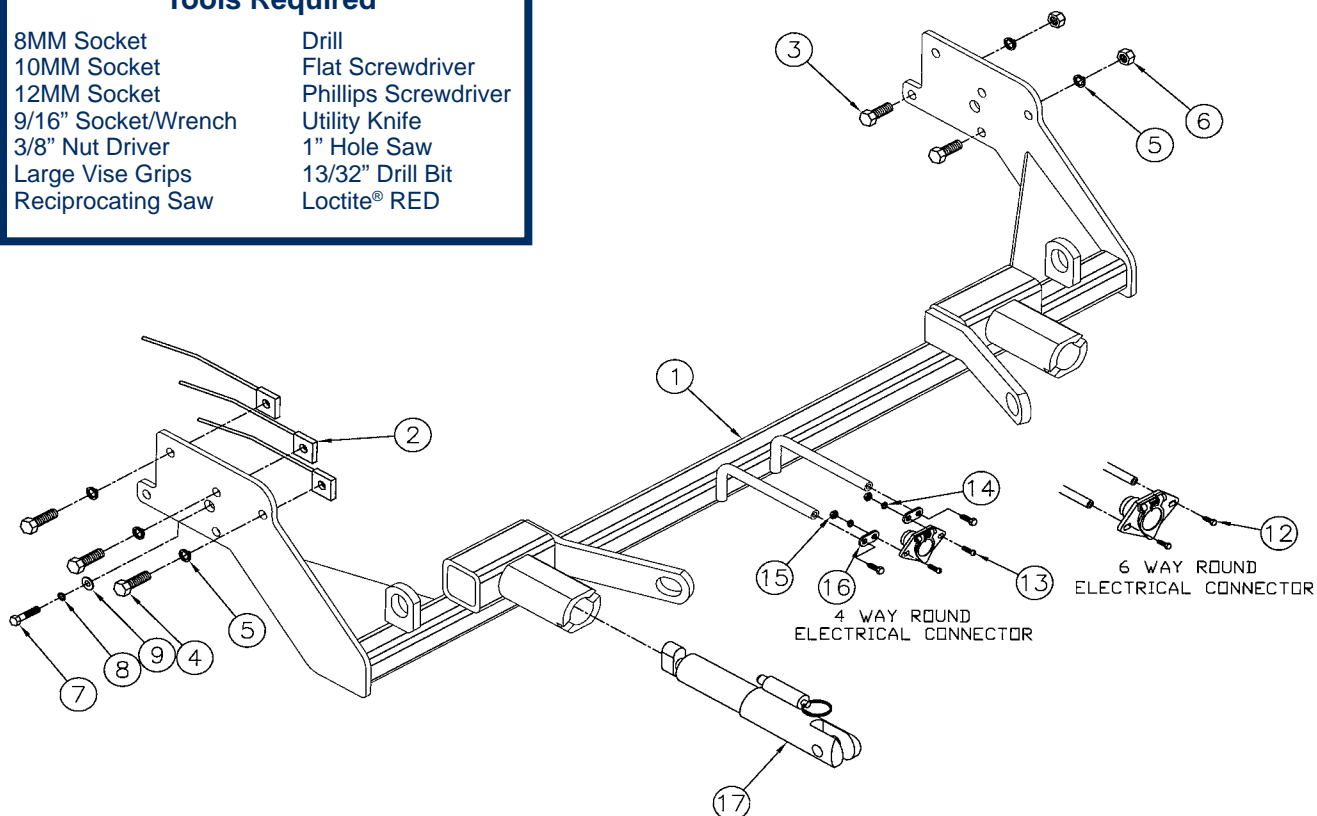
### Installation Instructions

#### Parts List

Ref. No.	Qty.	Part #	Description
1	1	61-6647	Weldment, Base Plate, BX2715
2	6	61-5208	Weldment, Nut Plate, 1/4x1x1, 3/8 Bolt w/14" Wire
3	4	201-0443	3/8-16 X 1 Hex Bolt Grd.5, ZP
4	6	201-0368	3/8-16 X 1 1/4 Hex Head Bolt, Grd. 5
5	10	203-0010	3/8 Lock Washer, ZP
6	4	202-0003	3/8-16 Hex Nut, ZP
7	1	201-0655	6MM-1.0 X 30MM Hex Bolt, Grd8.8,ZP
8	1	203-0161	6MM, Lock Washer, ZP
9	1	203-0001	1/4 Flat Washer, ZP
10	1	201-0071	1/4-20 X 1 Hex Bolt Grd.5 ZP (Not Shown)
11	1	202-0069	1/4-20 Hex Flange Whiz Lock Nut ZP (Not Shown)
12	2	201-0553	1/4-20 X 1/2 Hex Wshd.Type F Tcs, ZP
13	2	201-0192	10-32 X 1/2 Slot, RD. HD. Screw
14	2	203-0054	#10 Lock Washer
15	2	202-0047	#10-32 Hex Nut
16	2	101-5822	Adapter, 4 Way Connector
17	2	62-3469	Attachment Tab Assembly, Rem, SF/LB, 1 Hole
	2	226-0046	Baseplate Safety Cable, 36" CL III (Not Shown)
	2	229-0359	Quicklink, 3/8, ZP (Not Shown)
	2	290-0437	Receiver, Cap Plug (BLK) (Not Shown)

#### Tools Required

8MM Socket	Drill
10MM Socket	Flat Screwdriver
12MM Socket	Phillips Screwdriver
9/16" Socket/Wrench	Utility Knife
3/8" Nut Driver	1" Hole Saw
Large Vise Grips	13/32" Drill Bit
Reciprocating Saw	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. 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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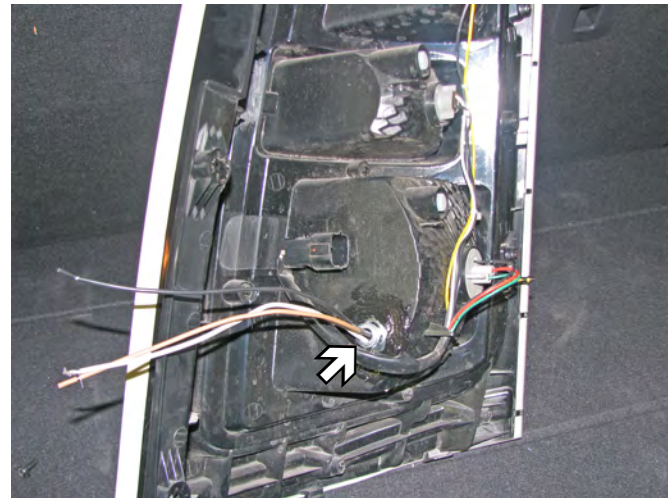
### Installation Instructions

**Vehicle Weight:** Due to the design of the removable tabs, the RangeFinderII, Adventurer, and Ambassador tow bars can not be used. Adapters, except the BX8833 and BX88151, can not be used with this baseplate.

**Installation Notes:** The fascia, bumper and washer reservoir are removed and reinstalled during installation of the baseplate. Drilling is required. Trimming of the frame and 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 or bending end plates.

The BX8869 Bulb and Socket Wiring Kit is recommended for this vehicle.

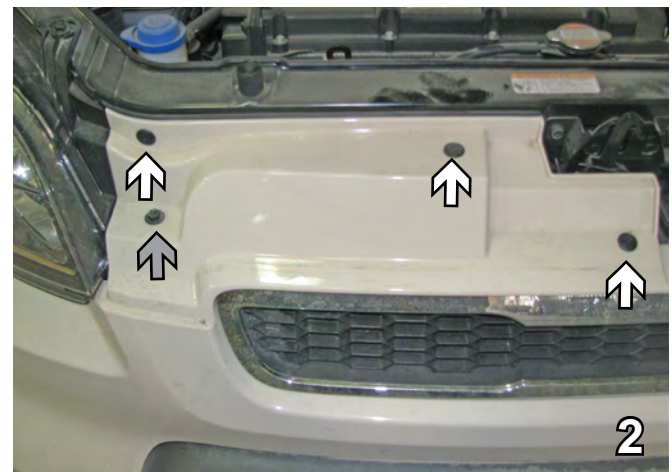


**Possible location for the Bulb and Socket Wiring Kit (BX8869).**

**Handling of some cosmetic parts when installing this product may require the use of protective covers, rags, specialty tools, etc. to prevent damage.**

**Do not use the towed vehicle for storing luggage, equipment, etc. This may cause you to exceed the towing capacity of the tow bar, baseplate, and its accessories.**

### Installation Instructions:



1. Using a Phillips screwdriver, remove two plastic Phillips pushpins located on the driver's side front fascia (white arrows, continued in step 2). Using a 10MM socket, remove one metric bolt (gray arrows). Set bolt and pushpins aside to be reinstalled later.
2. Using a Phillips screwdriver, continue removing three plastic Phillips pushpins located on the passenger side (white arrows). Using a 10MM socket, remove one metric bolt (gray arrows). Set bolt and pushpins aside to be reinstalled later.

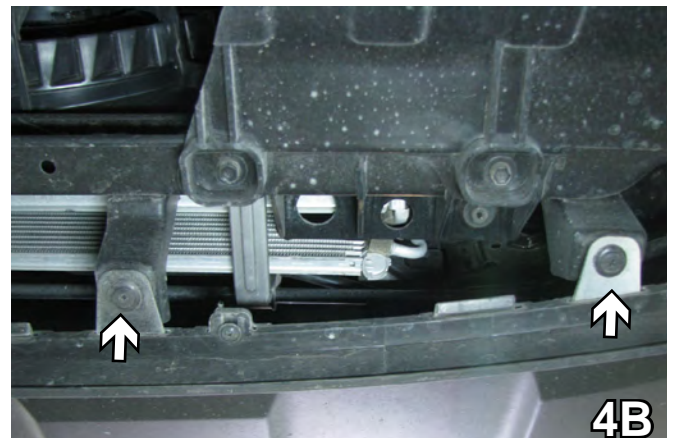
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### Installation Instructions



3. Using a Phillips screwdriver or an 8MM socket, remove one plastic Phillips pushpin just forward of the front tire on the wheel well. Do this to both sides of the vehicle. Set pushpins aside to be reinstalled later.



4. Using a Phillips screwdriver, remove four plastic Phillips pushpins from just forward of the front tire along the bottom edge of fascia. Do this to both sides of the vehicle. Set pushpins aside to be reinstalled later.

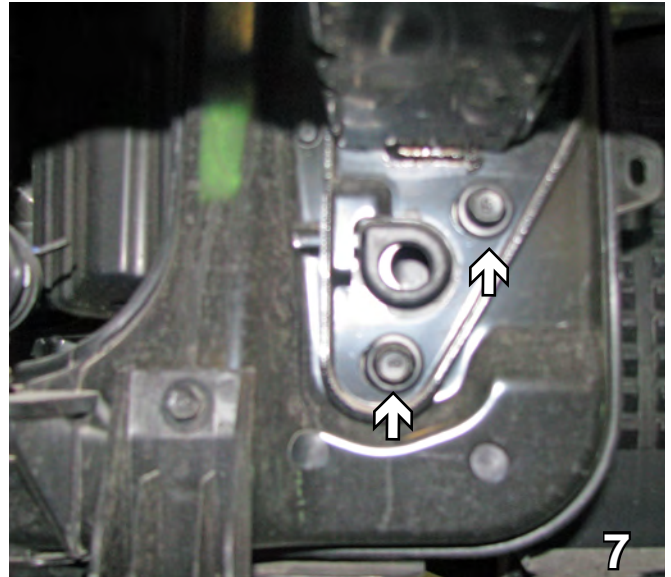
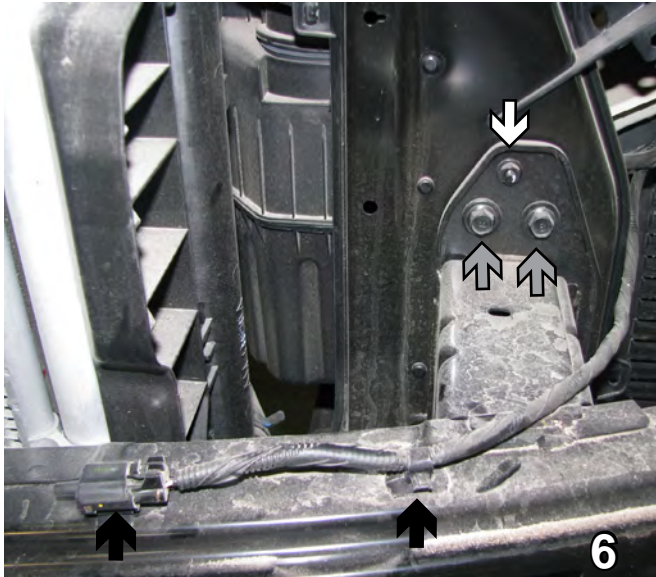


5. The fascia is then ready to be removed from the vehicle by grabbing in front of the tire, lift and pull the fascia ends out to the side to release and then pulling it forward. Use a screwdriver to pop the fascia over the knob at the end (white arrow). Do this to both sides of the vehicle. Set fascia aside carefully to be reinstalled later.

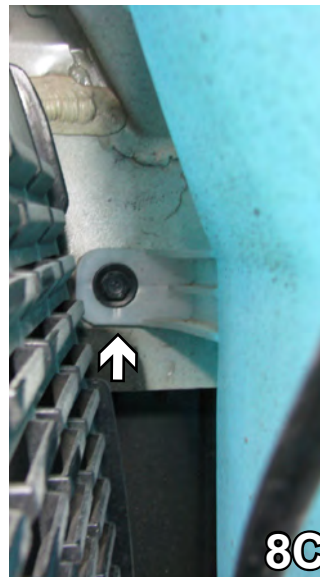
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6. Lift up the two tabs holding the temperature sensor to the bumper (black arrows). Using a 10MM socket, remove the top bolt above the bumper (white arrow on top). Use a 12MM socket to remove the other two bolts (gray arrows). Remove the bolts from the bumper on both sides of the vehicle. Set the bolts aside to be reinstalled later.
7. Using a 12MM socket, remove the two bolts below the bumper. Do this to both sides of the vehicle. Set the bolts aside to be reinstalled later.

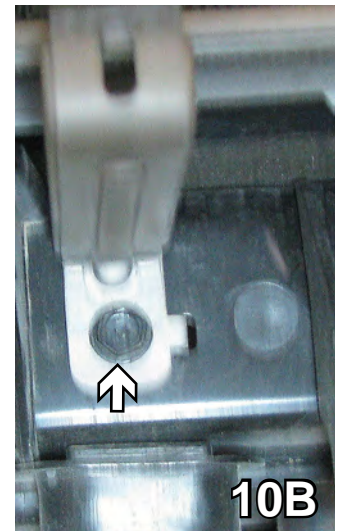
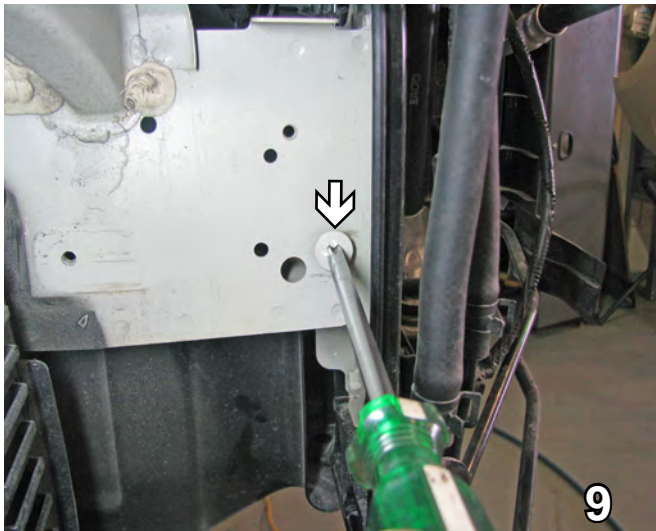


8. On the passenger side, to remove the washer reservoir, remove the plastic push pin on top (8A). In the back remove the pin holding the plastic guard, then remove the guard to expose two bolts (8B). Using a 10MM socket, remove the two bolts one above the other (8C & 8D). Loosen the bolt on the right side as necessary to remove the washer reservoir. Disconnect the hoses and wires and plug the hoses. Set the washer reservoir, push pins and bolts aside to be reinstalled later.

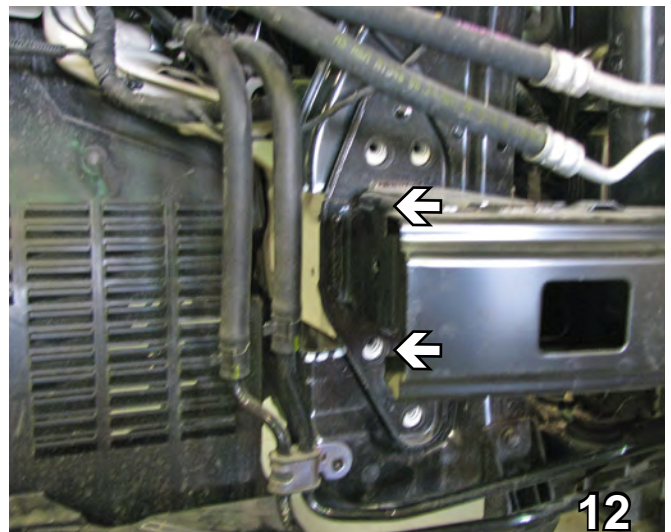
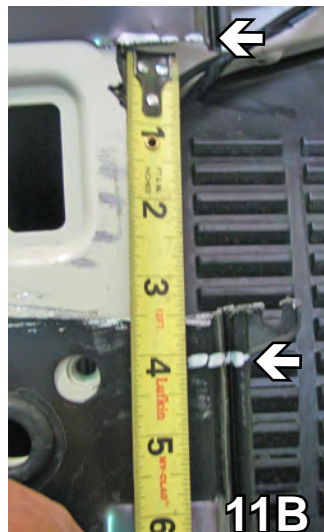
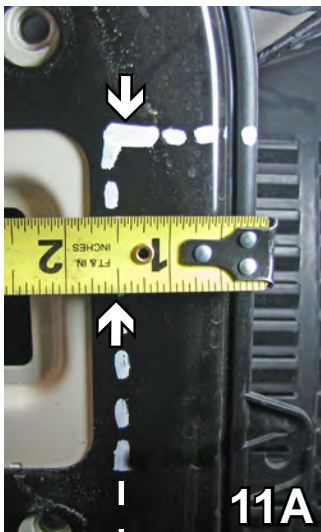
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9. On passenger's side, using a Phillips screwdriver, remove the screw in the metal cover. The screw will be replaced with a bolt provided with your baseplate.
10. On the passenger side, using a 10MM socket remove the two bolts supporting the coolant line up. Let the line hang down during the cutting. Set the bolts aside, they will be reattached later.



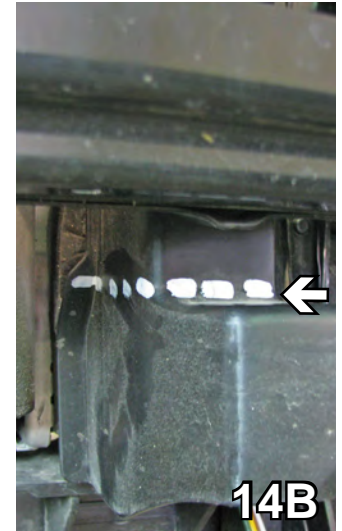
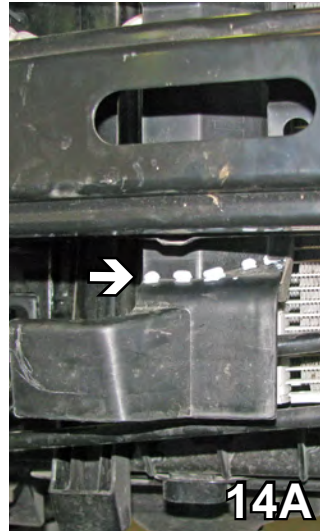
11. Mark straight over 1 1/2" from the end of the frame. Using a reciprocating saw, trim over and straight down 4" flush with the bottom of the frame. Do this to both sides of the vehicle.
12. Reinstall the bumper, mark where the bumper needs to be trimmed to match the frame behind. Use a reciprocating saw to trim the bumper. Do this on both sides of the vehicle.

When using power drills be aware of the dangers of torque and drill bit length.

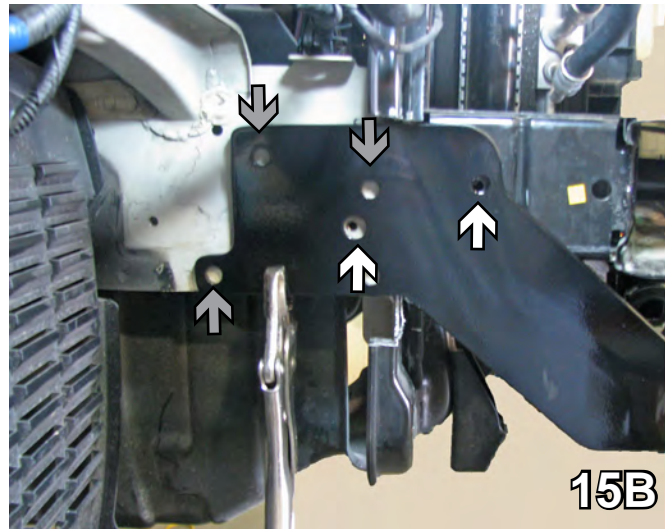
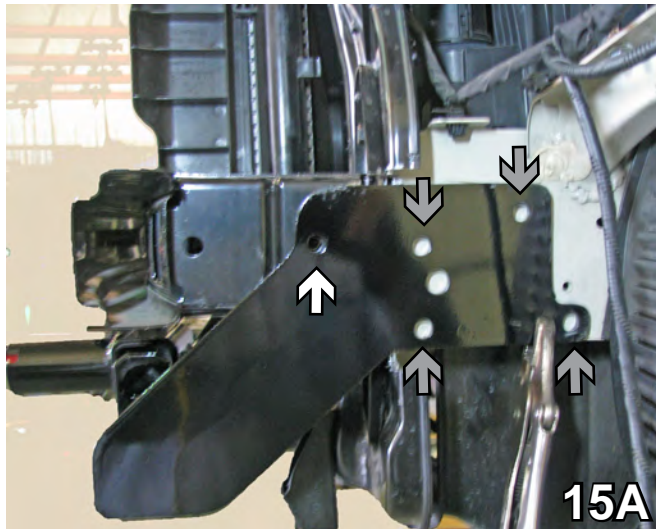
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13. On the driver's side, the two ground wires need to be moved. Drill a 1/4" hole above. Attach both wires to the hole with 1/4-20 x 1" hex bolt and 1/4-20 whiz hex nut.
14. On the passenger side, cut straight across the seam of the air dam (14A). On the driver's side, cut straight across the air dam as shown (14B).



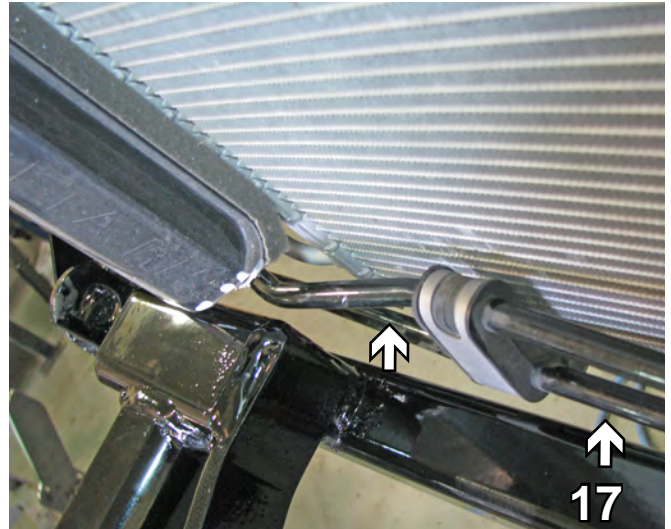
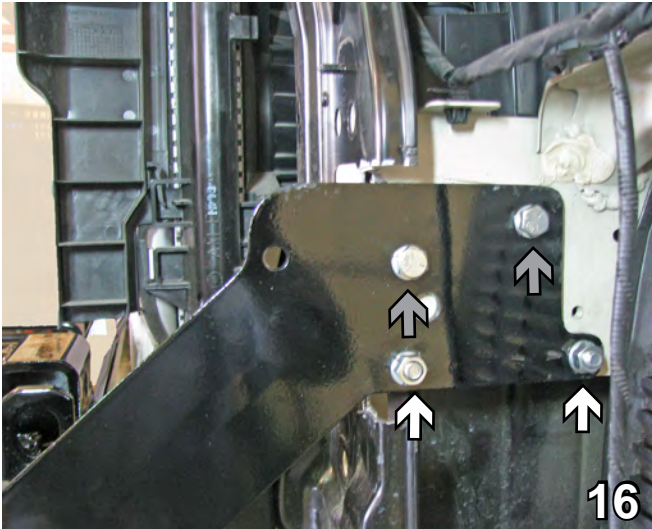
15. On the driver's side, slide the baseplate into place and line it up with the existing hole (white arrow-15A), flush with the bottom of the frame rail. Clamp with large vise grips. Always ensure baseplate remains level. On passenger's side, slide the baseplate into place and line it up with both existing holes (white arrows-15B), flush with the bottom of the frame rail. Clamp with large vise grips.

On driver's side, using the baseplate as a template with a 13/32" drill bit, drill four holes (gray arrows-15A). On passenger's side, using the baseplate as a template with a 13/32" drill bit, drill three holes (gray arrows-15B).

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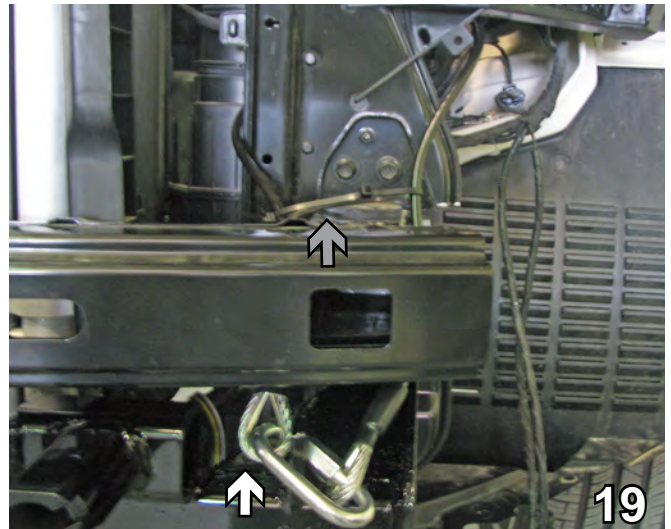
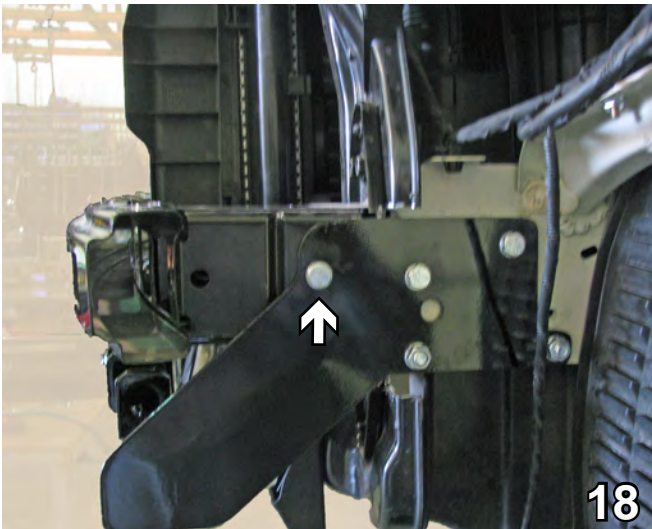
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16. Insert 3/8-16 x 1" hex bolts with Loctite from back to front with a 3/8 lock washers and 3/8-16 hex nuts into the bottom two holes (white arrows). Insert 3/8-16 x 1 1/4" hex bolts with Loctite and 3/8" lock washers and tighten to 3/8-16 nut plates inserted into the frame in the top two holes. Do this to both sides of the vehicle.

17. On the passenger side, bend the transmission coolant line out of the way of the baseplate.



18. Reinstall the bumper. Insert another 3/8-16 x 1 1/4" hex bolt with Loctite and 3/8" lock washer and tighten to a 3/8-16 nut plate. Do this to both sides of the vehicle. Reattach the temperature sensor.

19. Attach permanent baseplate safety cables to the convenience link on the baseplate. Wrap the cables around the vehicle frame. Additional options may interfere with suggested mounting, in this case secure the cables to a solid piece of the frame as described in instructions included with the permanent baseplate safety cables. Clamp the cables together so they can't rub (gray arrow). Be sure the safety cables do not rub against any hoses or moving parts. Do this to both sides of the vehicle.

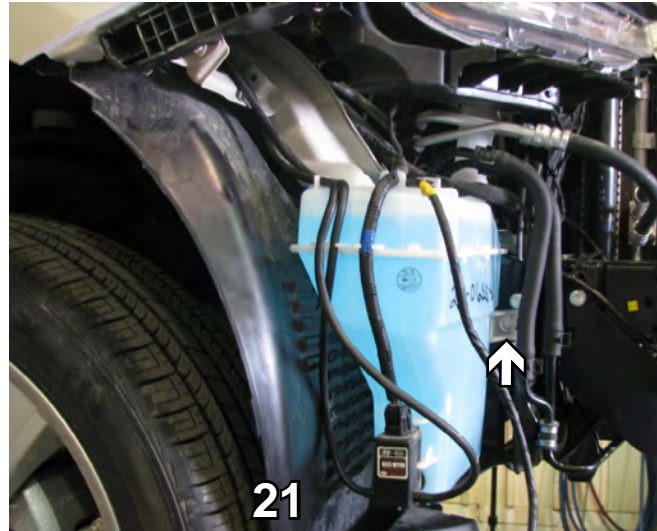
**BE SURE TO USE LOCTITE® RED ON ALL BOLTS BEFORE TIGHTENING. TIGHTEN ALL BOLTS ACCORDING TO THE TORQUE CHART ON THE FRONT PAGE OF THESE INSTRUCTIONS OR ON PAGE 3 OF THE BASEPLATE TOWING GENERAL INSTRUCTIONS.**



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20. On the passenger side, reinstall the washer reservoir with two existing bolts. On the right side, use a 6MM hex bolt with 6MM lock washer and 1/4" flat washer that are provided in the bolt bag. Reconnect all the hoses and wires.

21. Reinstall the fascia. Be sure to install all bolts and push pins.

Install the tow bar and safety cables according to the instructions provided in their packages. When demonstrating this to the customer, be sure to include all the contents and packages.

Do **NOT** substitute other devices if the tow bar pins and clips are misplaced.

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

Be sure that **ALL** electrical connections  
are plugged in properly and functioning  
**BEFORE** installing the fascia.

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### Installation Instructions



**Shown without removable tabs installed.**



**Shown with removable tabs installed.**

### 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 customer care 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.

**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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One Mill Road, Industrial Park  
Pender, Nebraska 68047  
Phone: (402) 385-3051  
Fax: (402) 385-3360  
[www.blueox.com](http://www.blueox.com)