BX1130
2011-14 Jeep Patriot
Installation Instructions

Serial Number

Attachment Tab Height: 18”

Attachment Tab Width: 18”

Please read BOTH these Installation Instructions and the General Instructions 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 “fit work”. If needed, Blue Ox® Dealers can be found at www.blueox.com or by contacting our Customer Care Department at (402) 385-3051.

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.

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”	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.

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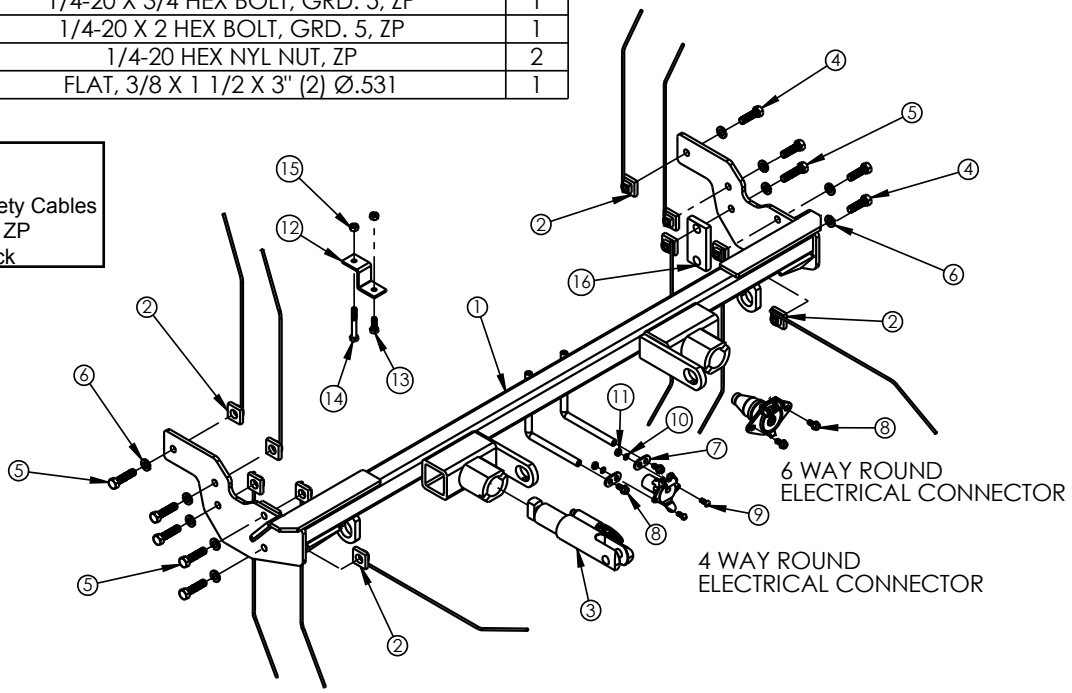
Tools Required

7MM Socket	Reciprocating Saw	7/16” Socket/Wrench	Hack Saw Blade
10MM Socket	Flat Screwdriver	9/16” Socket/Wrench	Drill
12MM Socket	Torque Wrench	T20 Torx	1/4” Drill Bit
13MM Socket	Tape Measure	Large Vise Grips	13/32” Drill Bit
Needle Nose Pliers	Loctite® RED		

ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	61-6861	WLDM'T, BP, BX1130	1
2	61-5208	WLD, NUT PLATE, 1/4 X 1 X 1(3/8-16)w/ 14" WIRE	10
3	62-3468	ATT TAB ASSY, REM, SF/SB, 1 HOLE	2
4	201-0368	3/8-16 X 1 1/4 HEX HEAD BOLT,GRD. 5	4
5	201-0440	3/8-16 X 1 1/2" HEX BOLT, GRD. 5, ZP	6
6	203-0010	3/8" LOCK WASHER, ZP	10
7	101-5822	ADAPTER, 4 WAY CONNECTOR	2
8	201-0553	1/4-20 X 1/2" HEX WASHED, TYPE F, ZP	4
9	201-0192	#10-32-1/2" SLOT, ROUND HEAD SCREW	2
10	203-0054	#10 LOCK WASHER	2
11	202-0047	#10-32 HEX NUT	2
12	102-7134	BREAKAWAY BRKT, BX2255	1
13	201-0050	1/4-20 X 3/4 HEX BOLT, GRD. 5, ZP	1
14	201-0398	1/4-20 X 2 HEX BOLT, GRD. 5, ZP	1
15	202-0102	1/4-20 HEX NYL NUT, ZP	2
16	102-7176	FLAT, 3/8 X 1 1/2 X 3" (2) Ø.531	1

Parts Not Pictured:

Qty.	Part #	Description
2	226-0046	Baseplate Safety Cables
2	229-0359	Quicklink, 3/8, ZP
2	290-0437	Cap Plug, Black



Important:

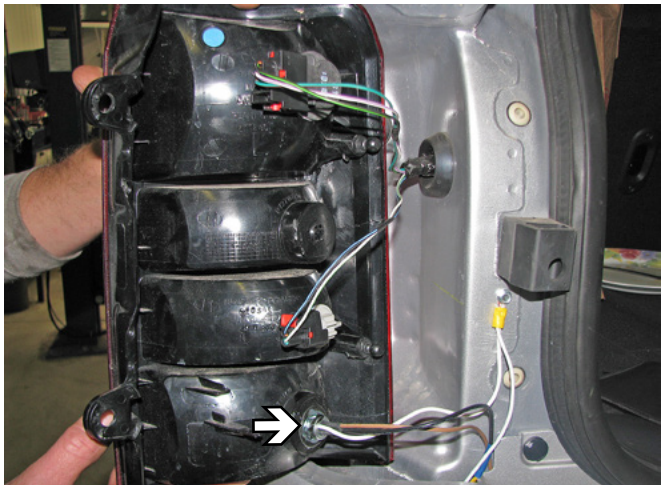
Use only genuine factory replacement parts on your baseplate. Do **NOT** substitute homemade or non-typical parts. If a bolt is lost or in need of replacement, for your safety and the preservation of your baseplate, be sure to use a replacement bolt of the same grade (In most cases it will be Grade 5, 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.

Attachment Tabs: **Motorhome mount tow bars are recommended for use with this baseplate. Due to the design of the removable tabs, the RangeFinderII 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, horn, computer and temperature sensor are removed for the baseplate installation. Trimming of the frame and fascia are required. Drilling 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.

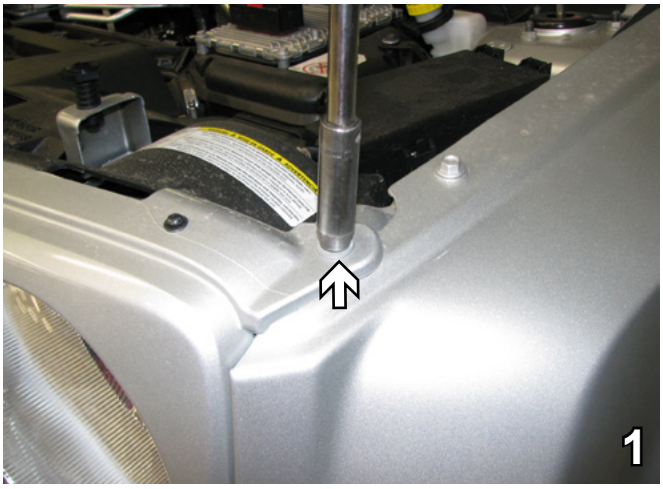
The BX8869 Bulb and Socket Wiring Kit is recommended for this vehicle.



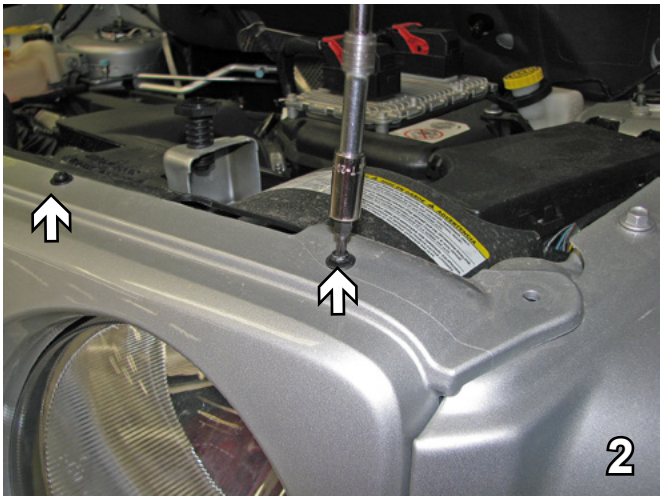
Possible location for the BX8869 Bulb and Socket Wiring Kit.

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 10MM socket, remove one (1) bolt from the top corner of the fascia (driver's side shown in photo). Do this on both sides of the vehicle. Set bolts aside to be reinstalled later.

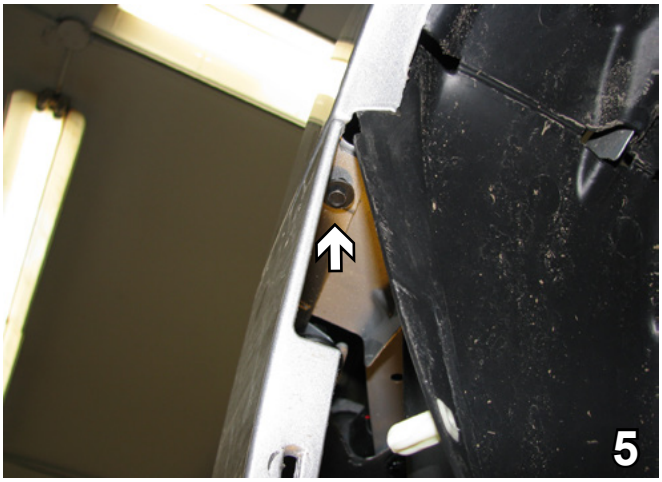


2. Remove seven (7) bolts from across the top of the fascia with a T20 Torx (driver's side shown in photo). Set bolts aside to be reinstalled later.

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

3. Just forward of the front tire, inside the wheel well, remove three (3) bolts with a 7MM socket. Do this to both sides of the vehicle. Set bolts aside to be reinstalled later.

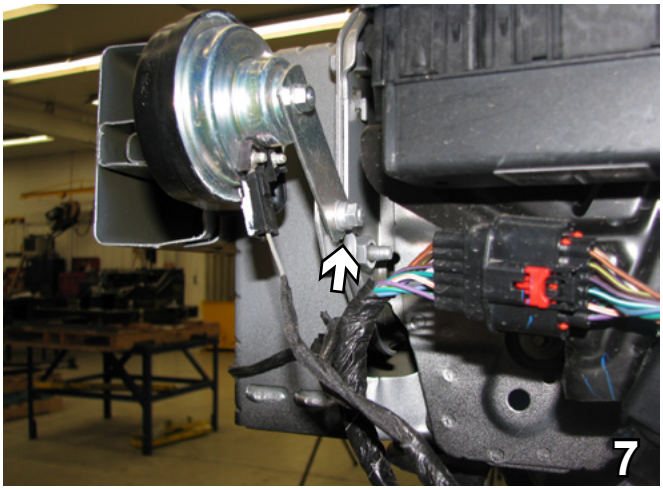
4. Under the fascia remove the two (2) pushpins in front of the tire. Do this to both sides of the vehicle. Set pushpins aside to be reinstalled later.



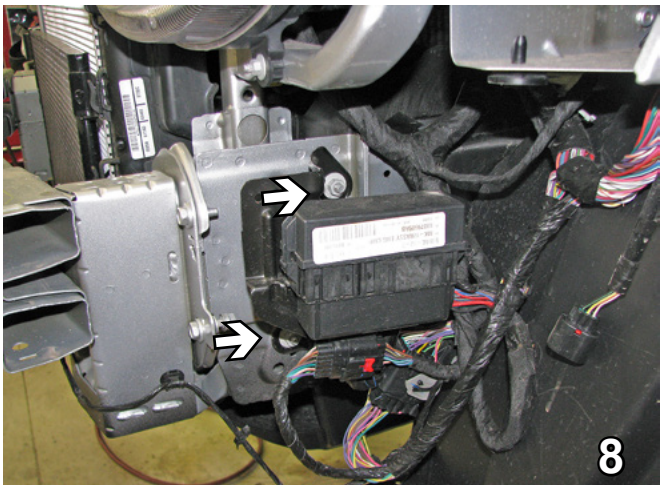
5. In front of the tire pull the wheel well cover back to remove the bolt with a 7MM socket. Do this on both sides. Set the bolt aside to be reinstalled later.

6. Pull the corners of the fascia out first to unlock the pin behind the lights. In the middle under the fascia, remove the three (3) clips by pushing the sides of the clip together with two (2) small screw drivers while pulling out on the lower fascia to release it. Pull the fascia back, disconnect the marker lights and the fog lights. Do this on both sides. Set the fascia aside carefully to be reinstalled later.

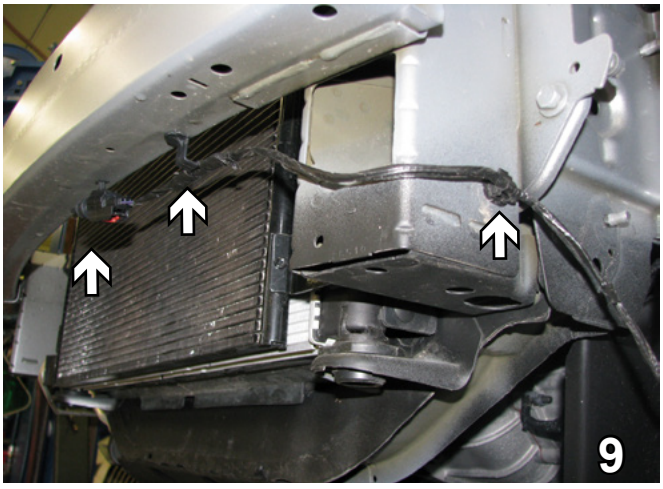
6B. On the back side of the fascia, unplug the fog light connection and the marker lights.



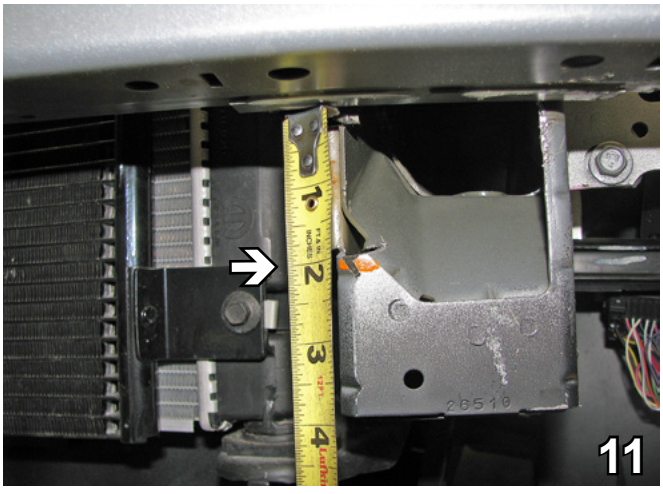
7. Use a 10MM socket on the back to remove the bolt and unplug the horn. Set aside to be reinstalled later.

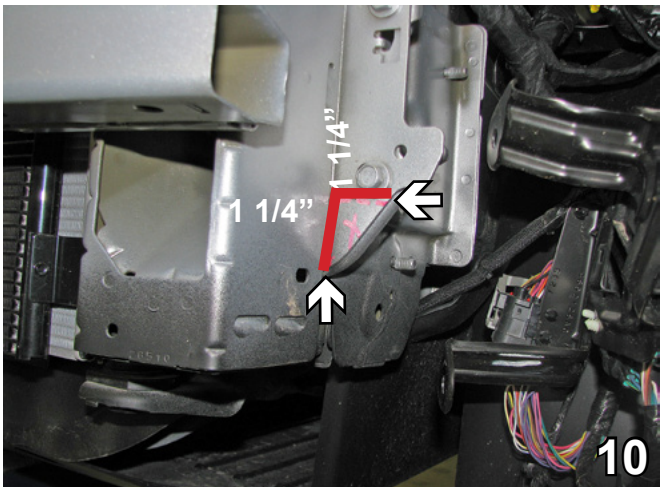


8. Using a 13MM socket, remove the two (2) bolts. Set bolts and computer box aside to be reinstalled later.



9. On the driver's side, use a flat screwdriver to pull out the clips holding the temperature sensor and set it out of the way.



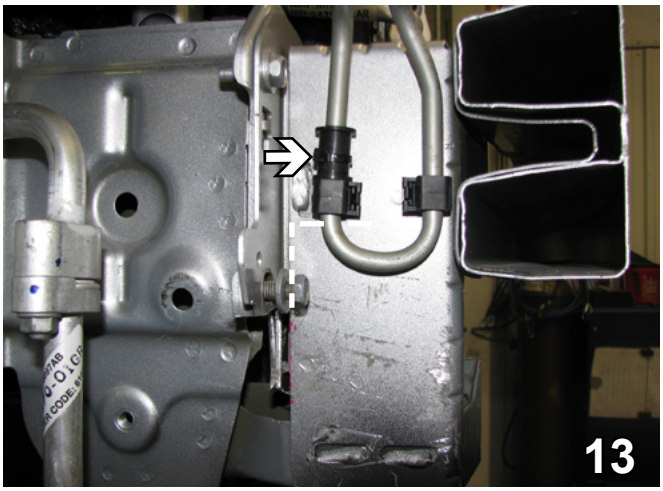


10. Using a reciprocating saw, notch out the corner just below the bolt by measuring up from the bottom 1-1/4" and 1-1/4" across. Do this on both sides. We recommend painting the cut edges to prevent them from rusting.

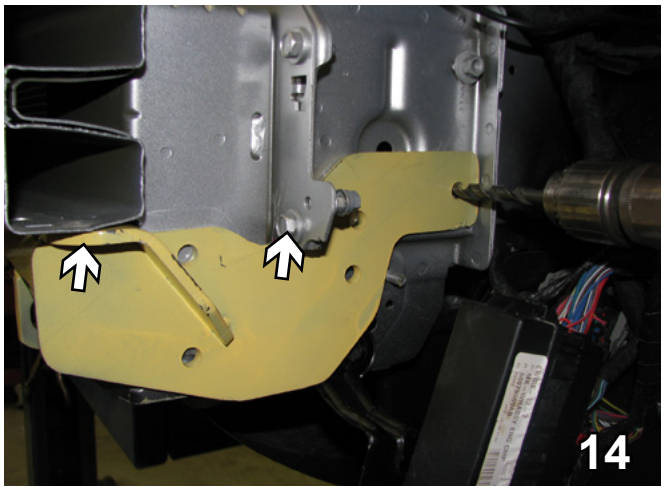
Using a good quality paint, spray cut edges of frame to prevent rusting.

11. Using a reciprocating saw, make the first 3/4" cut just below the bumper and the second cut 2" down. Clamp this area with the vise grips, rock vise grips back and forth to remove, then remove excess material with the reciprocating saw. Do this on both sides. We recommend painting the cut edges to prevent them from rusting.

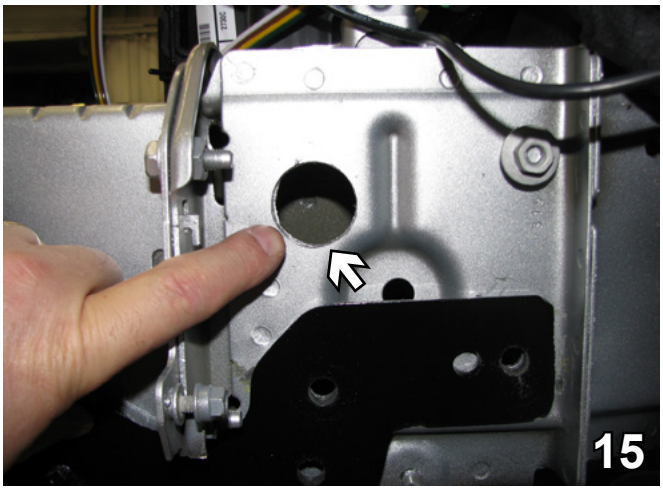
12. On the backside of the fascia cut the top part of the opening and down the side 1-1/4” in and straight across. On the lower outside opening cut 3/8” in and straight across or hold the fascia up, mark and cut as needed. Do this on both sides.



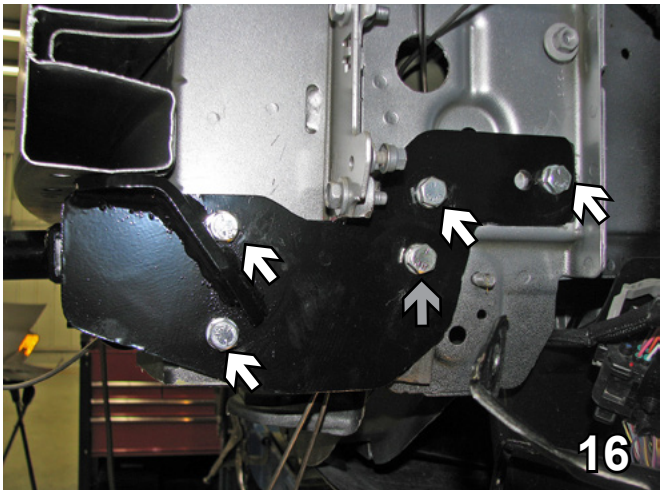
13. On the passenger side, slide the coolant tube up out of the way and move the stoppers down to hold it.



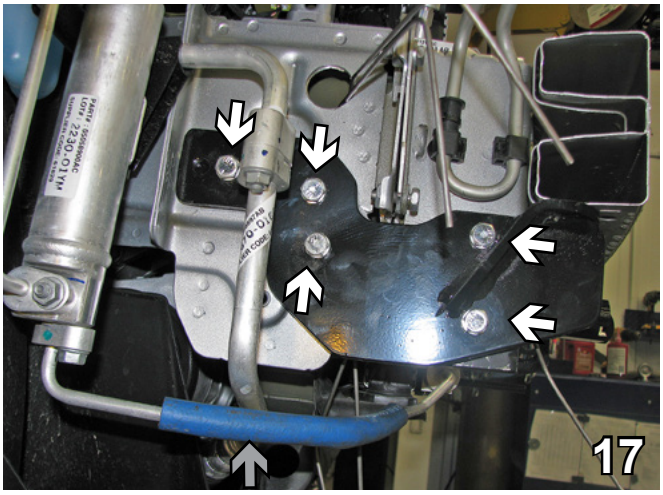
14. Slide the baseplate up as high as it can go, right under the washer, flush with the bottom of the metal bumper and back as far as possible. Be sure the baseplate is level with the ground and flush against the outside edge of the frame end. Clamp in place with the large vise grips. Be sure the coolant line is out of the way on the passenger side. Align the baseplate with the existing hole, ream it out. Using the baseplate as a template, drill the additional four (4) holes with the 13/32” drill bit. In order to protect the coolant lines, put a split rubber hose over the coolant line. Also put a protective sleeve over the drill bit when drilling close to the coolant lines.



15. Cut a hole in the side of the frame rail with a 1-1/4” hole saw. Do this on both sides.

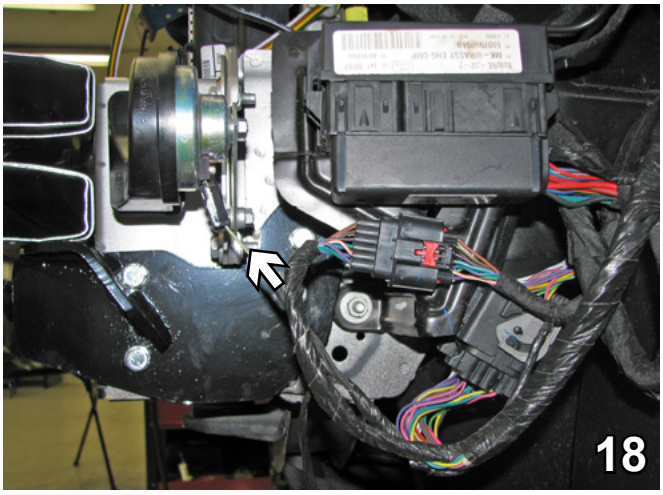


16. On the driver's side, install 3/8-16 x 1-1/4" bolts with 3/8" lock washers and tighten to 3/8-16 nut plates (white arrows). The top two (2) nut plates are inserted from the top and the bottom two (2) are inserted from the bottom. Install the 1-1/2" x 3" flat between the baseplate and the frame (gray arrow) and install 3/8 x 1-1/2" bolt with 3/8" lock washer and 3/8-16 nut plate. Use Loctite Red® on all bolts.

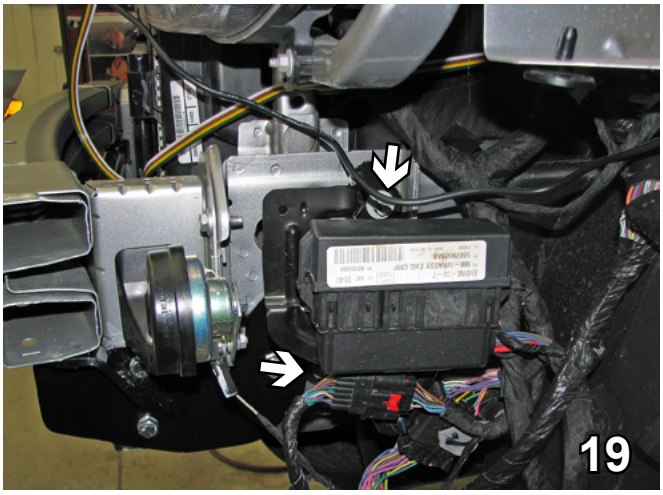


17. On the passenger side, install 3/8 x 1-1/2" bolts with 3/8" lock washers and tighten to 3/8-16 nut plates for the top two (2) holes (white arrows). Then install 3/8-16 x 1-1/2" bolts with 3/8" lock washers and tighten to 3/8-16 nut plates. Cover the tubing before installing the baseplate to protect it (gray arrow).

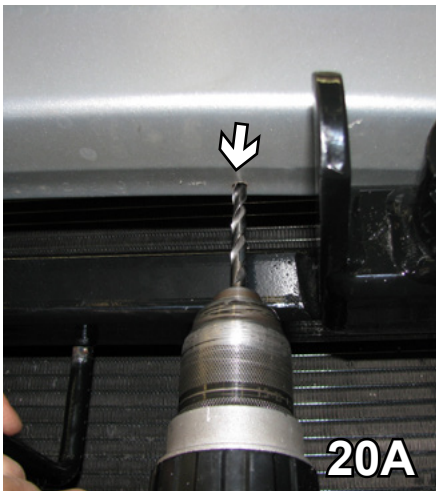
BE SURE TO USE LOCTITE® RED ON ALL BOLTS BEFORE TIGHTENING. TIGHTEN ALL BOLTS ACCORDING TO THE TORQUE CHART ON THE FRONT PAGE OF THESE INSTRUCTIONS OR ON PAGE 3 OF THE BASEPLATE TOWING GENERAL INSTRUCTIONS.

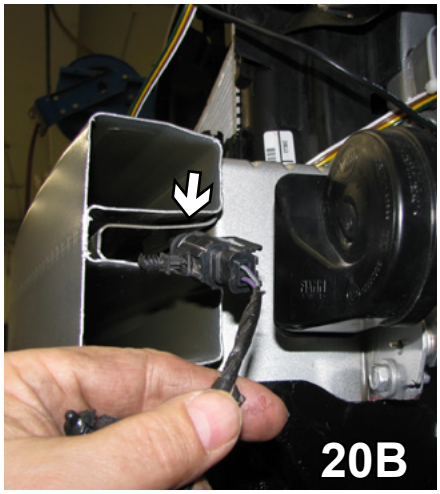


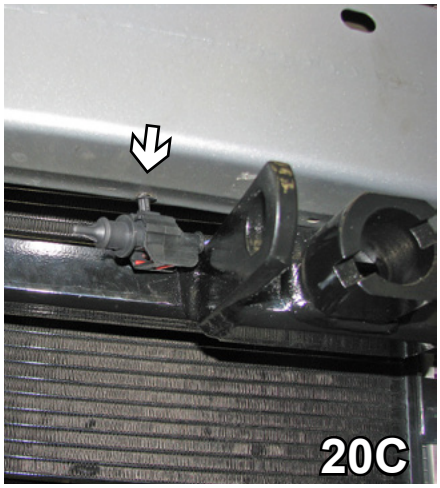
18. Reinstall the horn and reconnect.



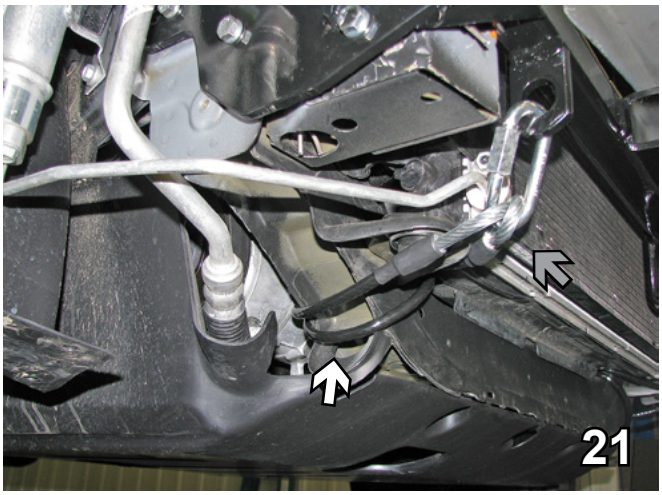
19. Reattach the computer box.



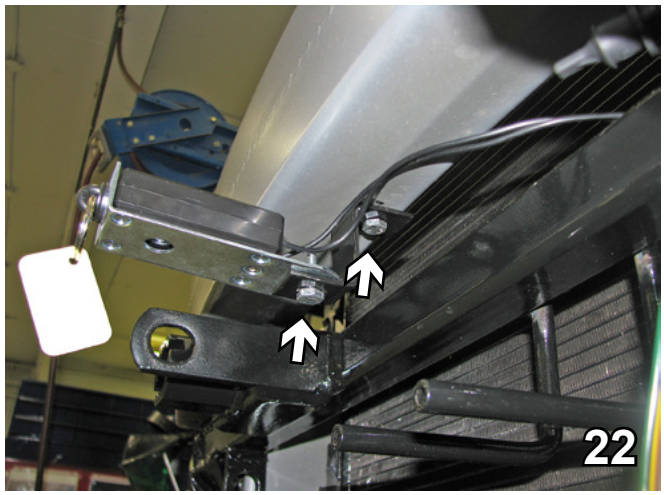




20. Using the 1/4” drill bit, drill a hole in the bottom of the bumper to the inside of the attachment tab. Stick the temperature sensor through the hole in the end of the bumper and out the backside. Attach underneath between the bumper and the baseplate where the hole is drilled.



21. Attach the permanent baseplate safety cables to the provided convenience link on the baseplate (see grey arrow). The photo above shows the recommended installation of the cables to frame of vehicle (see white arrow). 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 to both sides of the vehicle.



22. Locate the breakaway bracket toward the center on the bottom side of the bumper. Attach the bracket to the bumper with a 1/4”-20 x 2” bolt with a 1/4”-20 nylok nut. Attach the breakaway to the bracket with a 1/4”-20 x 3/4” bolt and a 1/4”-20 nylok nut.

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

23. Reinstall the fascia and reconnect all the lights. Be sure to reinstall all the bolts, clips and pins.

Install the tow bar and safety cables according to their instructions. When demonstrating this to the customer, be sure to include all of the Blue Ox packaging and contents.

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

Shown without removable tabs installed.

Shown with removable tabs installed.

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.

DEALER or INSTALLER:

Be certain the user receives the instruction sheets for their products.

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 1-402-385-3051 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.

BLUE OX®

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