

**BX3831**

## 2011-14 VW Jetta TDI Installation Instructions

Serial Number

**Attachment Tab Height: 14"****Attachment Tab Width: 20"**

**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](http://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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**Instruction Notes:** The upper grille, front fascia, styrofoam & metal bumpers, temperature sensor, horn brackets and windshield washer fluid reservoir 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 BX8869 Tail Light Wiring Kit is recommended for this vehicle.



Drill a hole according to the tail  
light wiring kit instructions.

### **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 Loctite® Red on all bolts before tightening. Tighten all bolts according to the torque chart provided.
- Dealer or installer be certain the user receives these instruction sheet.
- 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.

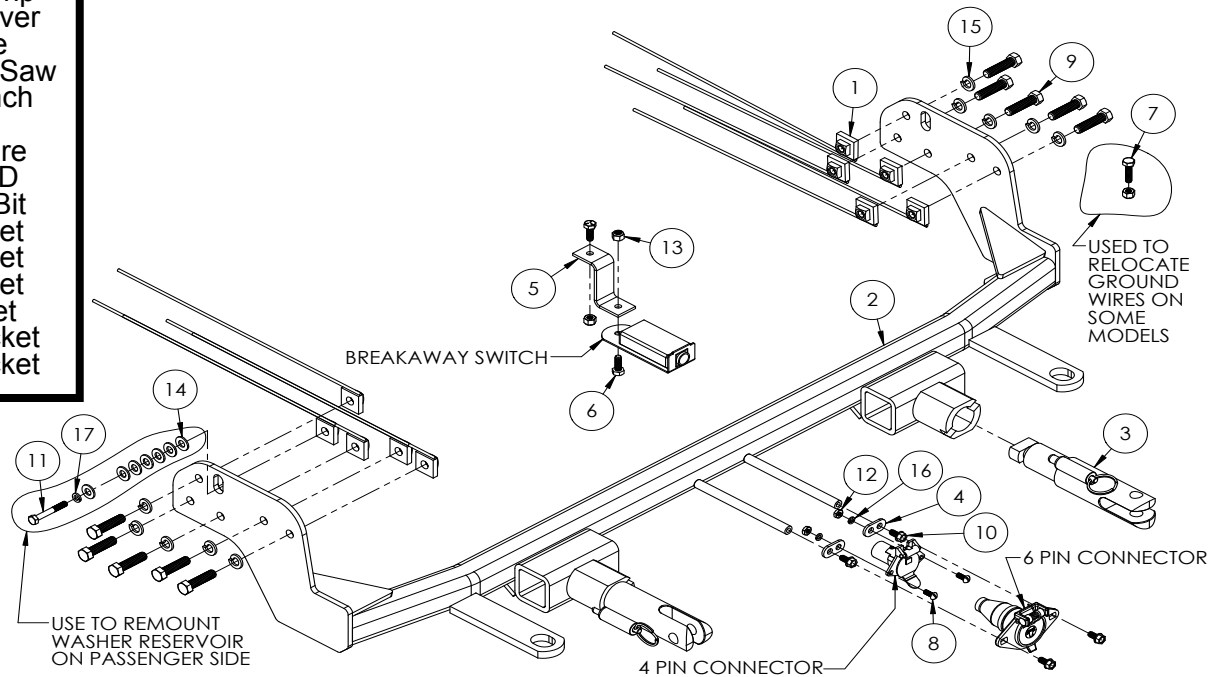
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#### Tools Required

Large Vise Grip  
Flat Screwdriver  
Utility Knife  
Reciprocating Saw  
Torque Wrench  
Drill  
Tape Measure  
Loctite® RED  
13/32" Drill Bit  
10MM Socket  
13MM Socket  
16MM Socket  
9/16" Socket  
T25 Torx Socket  
T30 Torx Socket



Item No.	Part No.	Description	Qty.
1.....	61-5208 .....	3/8"-16 Nut Plate w/14" Wire .....	10
2.....	61-6835 .....	BX3831 Baseplate.....	1
3.....	62-3468 .....	Attachment Assembly, SF/SB (R).....	2
4.....	101-5822 .....	4 Way Connector Adapter .....	2
5.....	102-7056 .....	Breakaway Bracket .....	1
6.....	201-0050 .....	1/4"-20 x 3/4" Hex Head Bolt, Grade 5, ZP .....	2
7.....	201-0071 .....	1/4"-20 x 1" Hex Head Bolt, Grade 5, ZP .....	1
8.....	201-0192 .....	#10-32 1/2" Round Slotted Head Screw.....	2
9.....	201-0440 .....	3/8"-16 x 1-1/2" Hex Bolt, Grade 5, ZP.....	10
10.....	201-0553 .....	1/4"-20 x 1/2" Hex Wshd Bolt Type F TCS, ZP.....	2
11.....	201-0702 .....	6MM-1.0 x 45MM Hex Head Bolt, Grade 8.8, ZP.....	1
12.....	202-0047 .....	#10-32 Hex Nut .....	2
13.....	202-0102 .....	1/4"-20 Hex Nylon Nut, ZP .....	3
14.....	203-0002 .....	5/16" Flat Washer, ZP.....	7
15.....	203-0010 .....	3/8" Lock Washer, ZP .....	10
16.....	203-0054 .....	#10 Lock Washer, ZP .....	2
17.....	203-0161 .....	6MM Lock Washer, ZP .....	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.

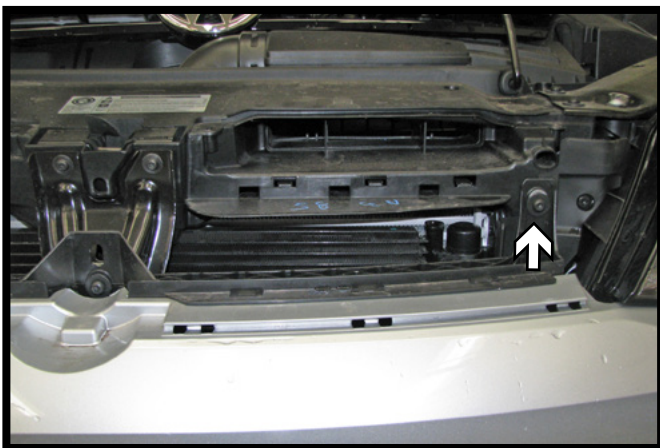
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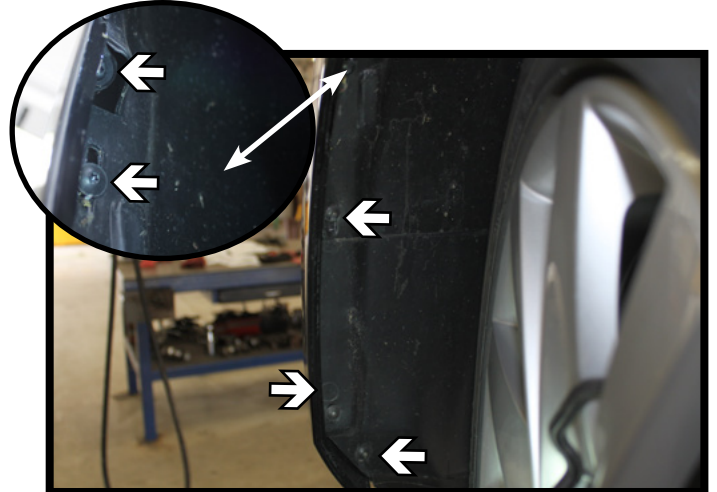
1. Using a T25 Torx, remove the two (2) screws from the top edge of the fascia. There are two (2) on each side.



2. Grasp the top of the grille, pull forward to release it.



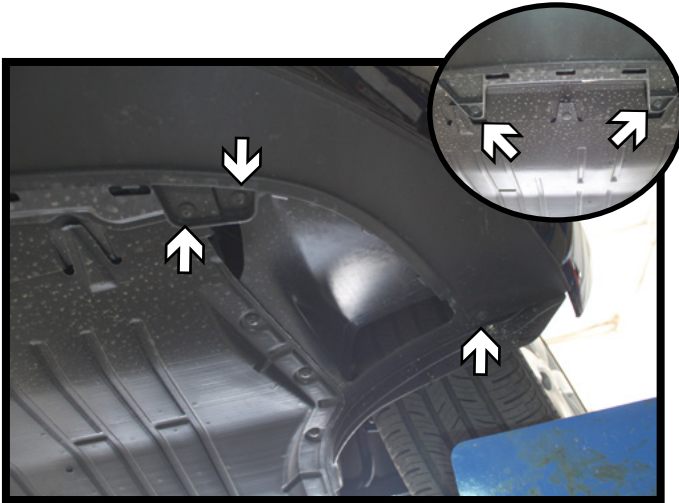
3. Using the T30 Torx, remove the two (2) bolts from the lower grille, one (1) on each side.



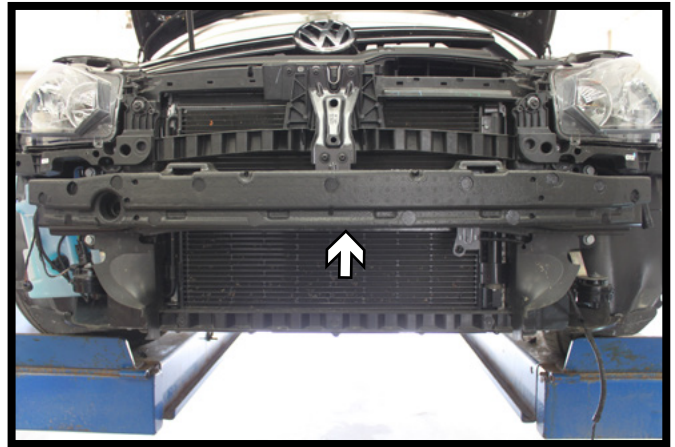
4. Using a T25 Torx, remove the five (5) screws from the edge of the wheel well. Do this on both sides of the vehicle.



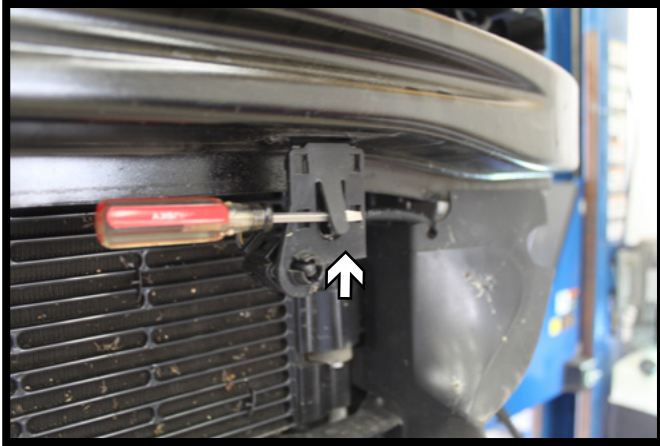
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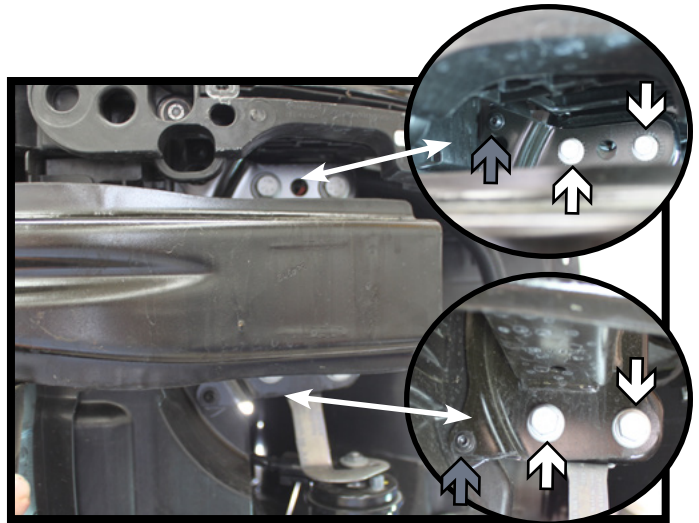
5. Using a 25 Torx, remove the eight (8) screws from the underside of the fascia. There are three (3) on each corner and two (2) in the center.



6. Remove the glued styrofoam bumper by prying gently in multiple locations.

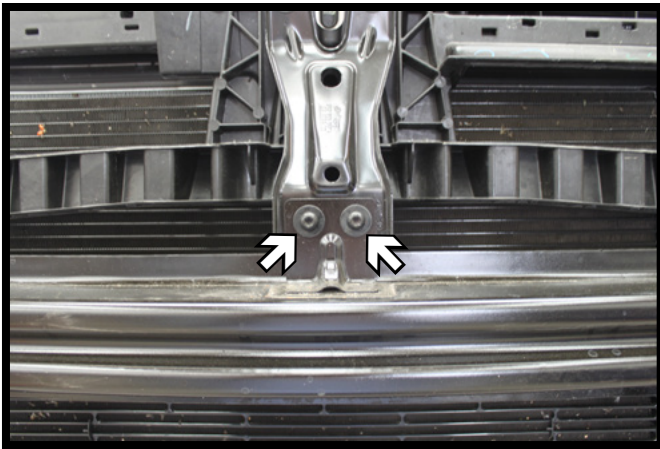


7. Unplug and remove the temperature sensor (white arrow). Take the center piece off for now.

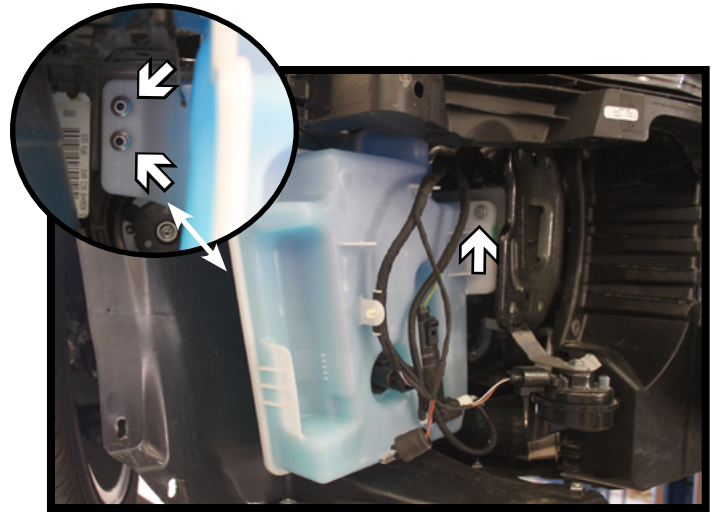


8. On the outer edge of the bumper, using a T30 Torx, remove the two (2) screws (gray). Then using a 16MM socket, remove the four (4) bolts (white). Do this on both sides of the vehicle.

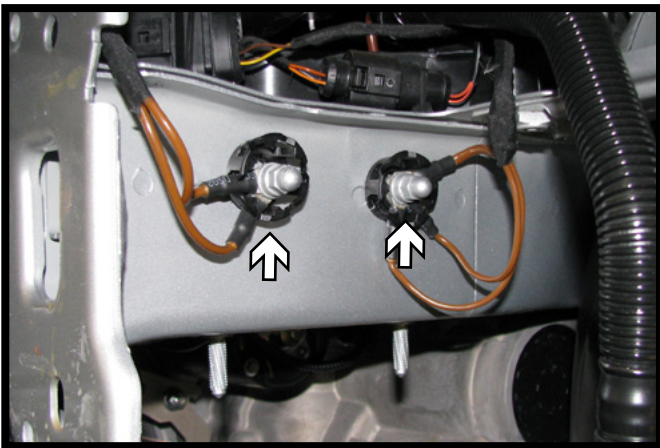
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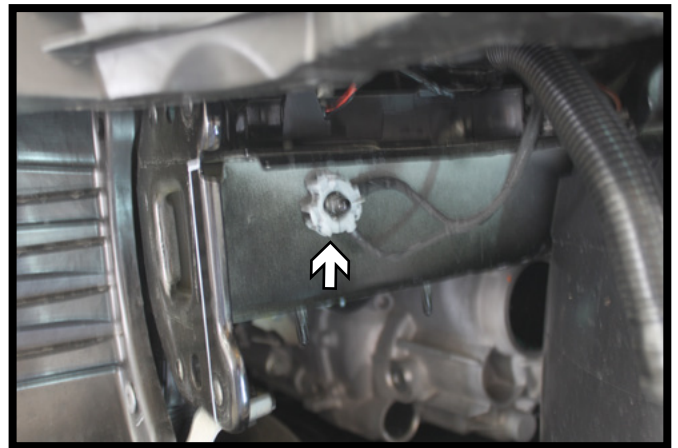
9. Using a T30 Torx, remove the two (2) screws from the middle of the bumper and set the bumper aside.



10. On the passenger side, using a 10MM socket, remove the three (3) nuts from the washer reservoir. There are two (2) on backside and one (1) in front. Disconnect all lines and set the washer reservoir aside.



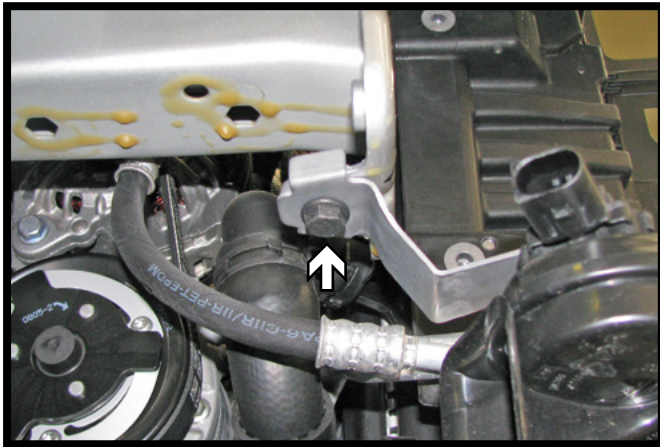
10. **2011 Model:** On the driver side, using a 10MM socket remove the two (2) nuts holding the ground wires. Move the ground wires out of the way. Cut the studs flush with the frame rail.



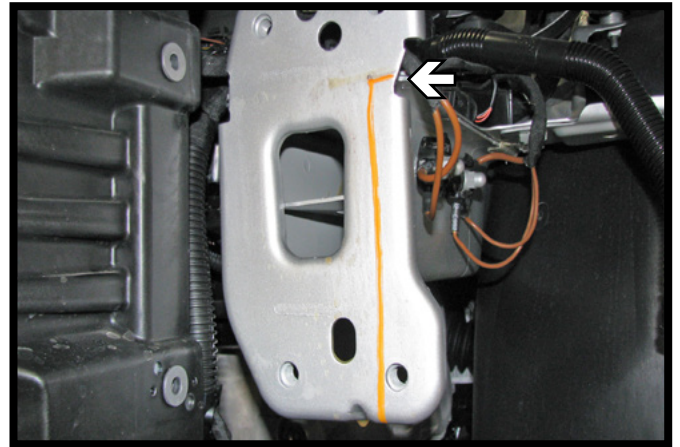
10. **2012-13 Models:** On the driver side using a 10MM socket remove the one (1) ground wire nut. Move the ground wire out of the way. Cut the stud flush with the frame rail.



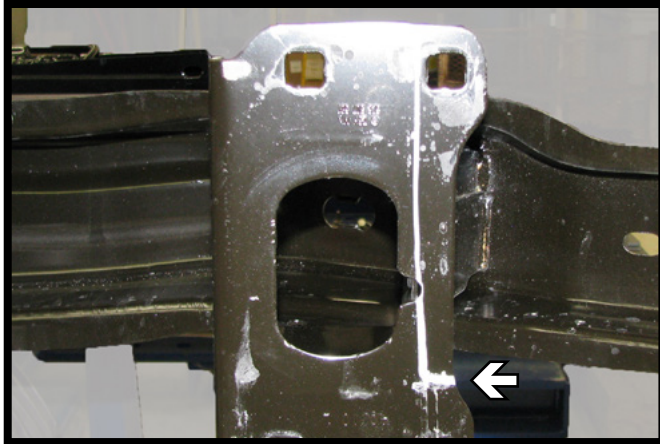
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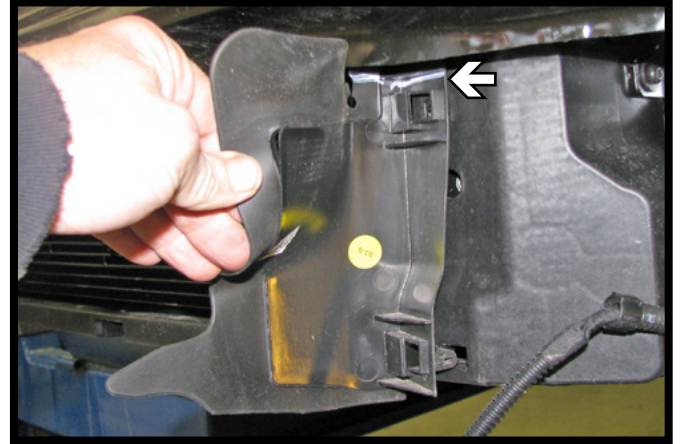
11. Using the 13MM socket, remove the bolt from the horn bracket. Unplug the electrical connection and set the horn assembly aside. Do this on both sides of the vehicle.



12. Using a reciprocating saw, cut the webbing horizontally flush with the top of the frame rail then vertically flush with the side of the frame rail all the way down. Do this on both sides of the vehicle.

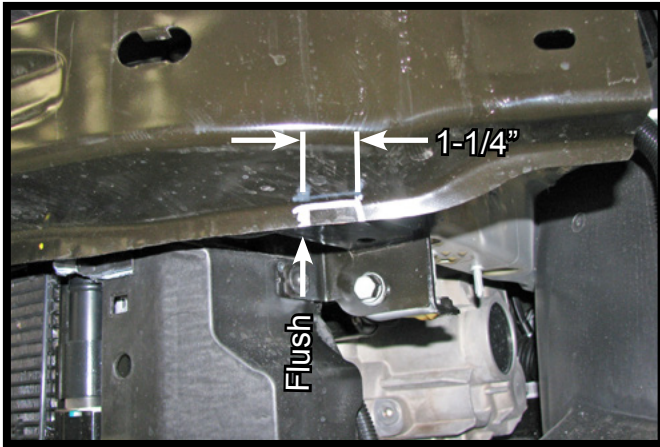


13. Temporarily reinstall the metal bumper to its original position. Mark the back side of the webbing where the frame webbing was removed. Do this on both sides. Remove the bumper, then cut out the areas with a reciprocating saw. Then reinstall the bumper.

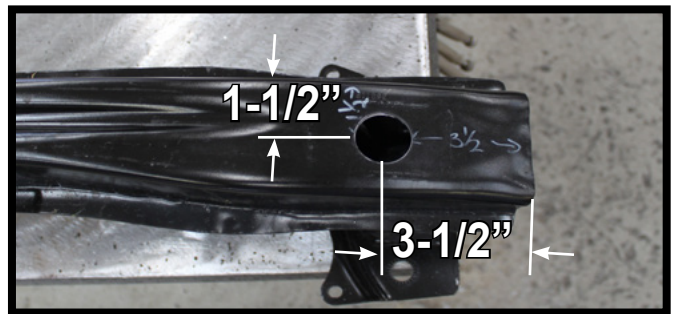
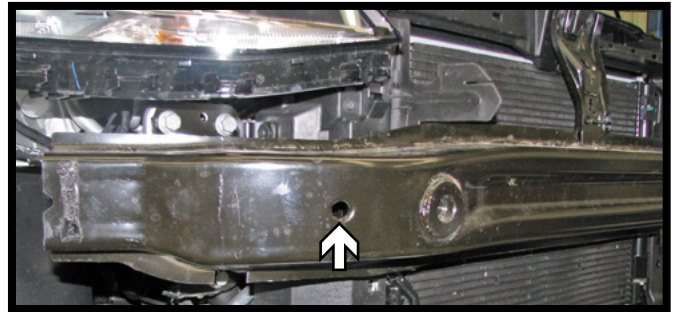


14. Trim the plastic shrouding off just below the bumper. Do this on both sides of the vehicle.

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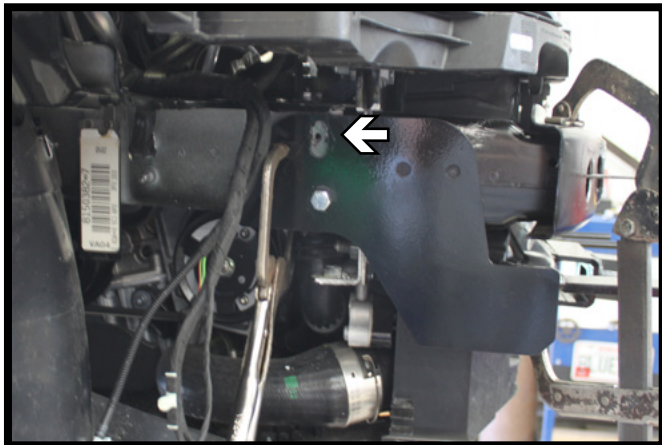
15. **2011-12 Models:** Mark the lower lip of the bumper flush with the outside of the frame rail and 1-1/4" wide. Remove the section of the bumper lip for baseplate clearance.



16. On the passenger side, enlarge the hole on the front of the metal bumper just forward of the center of the frame end. Use a reciprocating saw and enlarge the hole or drill out with an 1-1-4" hole saw.

If there are no existing holes in bumper. Use a 1-1/4" holesaw and drill a hole 3-1/2" from end and 1-1/2" from top of the bumper on each end of bumper.

This will allow access to the inside of the frame end to insert the nut plates for the base plate installation.



17. Slide the baseplate into position, centering the slot in the baseplate horizontally with the existing hole in the frame. Flush the baseplate with top of the frame. Level and clamp the baseplate into position.

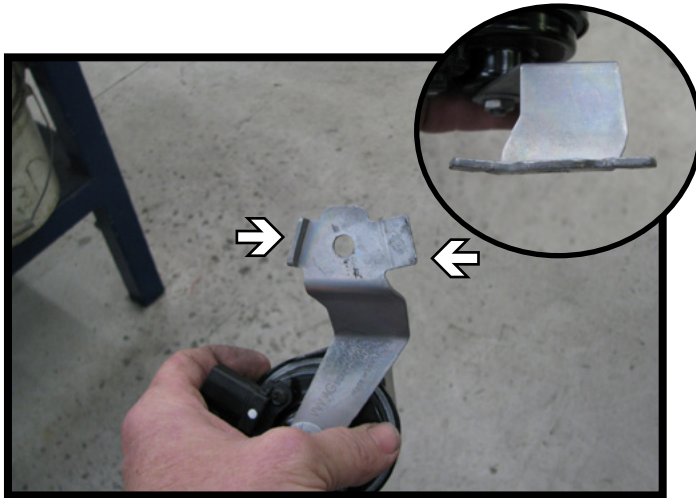
Using a 13/32" drill bit, drill one (1) hole on each side of the vehicle thru the frame and install 3/8"-16 x 1-1/2" bolts with 3/8" lock washers into the holes and 3/8"-16 nut plates on the inside of the frame. Fully tighten both fasteners, then continue to drill the remaining eight (8) holes thru the frame and install all fasteners.



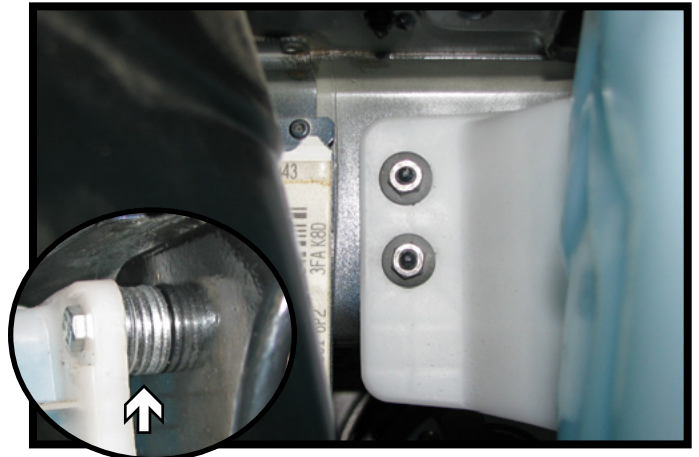
18. Drill a 1/2" hole in the plate as shown above and insert temperature sensor into hole.



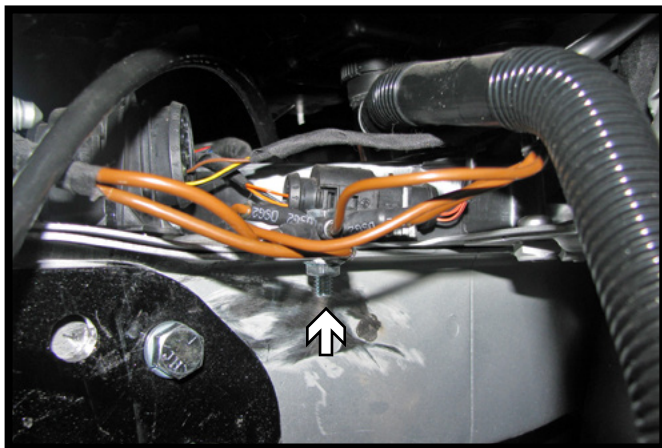
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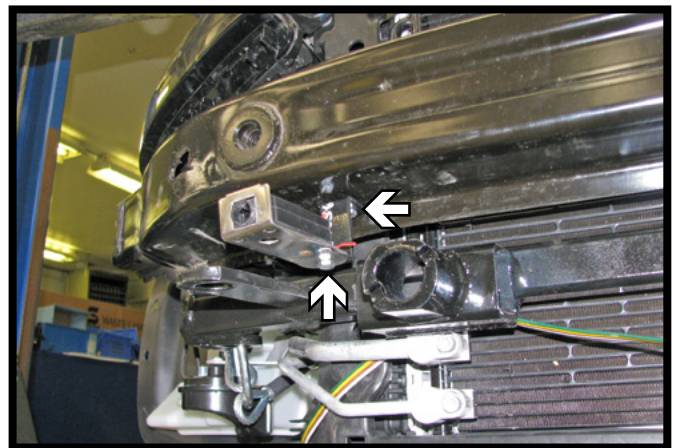
19. Flatten the horn bracket tabs on the passenger side only. Reattach both horn brackets and plug in the electrical connections.



20. Put the washer reservoir in place on the back two studs and loosely reinstall the two (2) hex nuts. Use the 6MM hex bolt provided on the front hole with flat washers as spacers to prevent webbing from rubbing a hole in the reservoir tank. Tighten the back nuts and reconnect all the electrical and fluid lines to the reservoir.

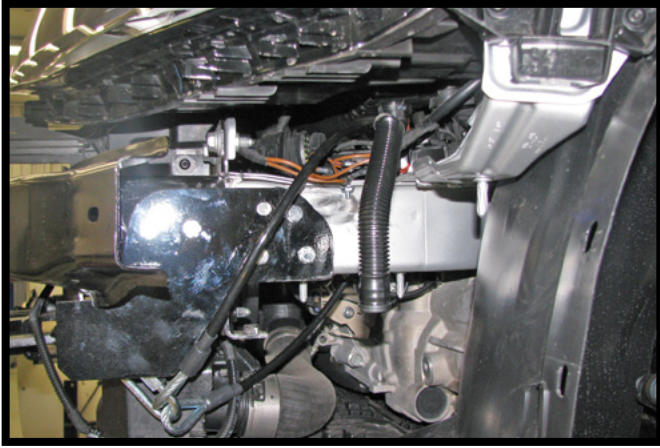


21. On the driver side, drill a 1/4" hole in the edge of the frame. Attach all the ground wires together with a 1/4"-20 x 1" bolt and 1/4"-20 lock nut.

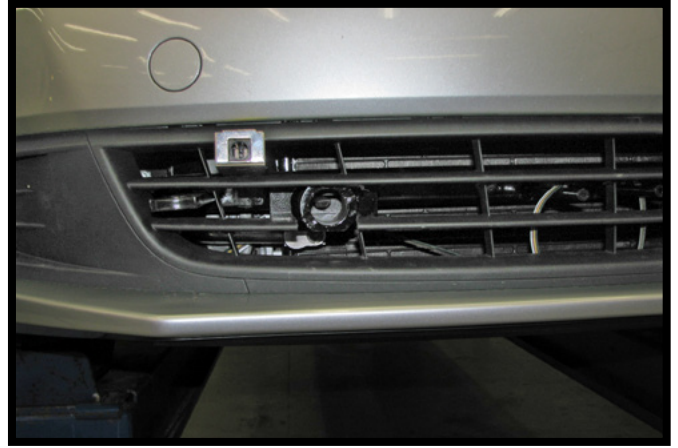


22. **Optional:** Drill a 1/4" hole in the center of the metal bumper. Attach the breakaway bracket to the bumper with 1/4"-20 x 3/4" bolt and 1/4"-20 lock nut. Then attach the breakaway to the bracket with a 1/4"-20 x 3/4" bolt and 1/4"-20 lock nut.

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23. 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.



24. Reinstall the styrofoam bumper. Hold the fascia as close to its original position, mark and trim the fascia around the convenience links and attachment tabs. Reinstall the fascia.

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**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.

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