



BX2617

2009-12 Lincoln MKS 2010-12 Lincoln MKT

Installation Instructions

Serial Number

Attachment Tab Height: 13"

Attachment Tab Width: 22"

Please read BOTH these Installation Instructions and the General Instructions 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". When necessary Blue Ox® Dealers can be found at 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 and existing hardware where specified in the installation instructions.



If the front of your vehicle looks different than this, please call 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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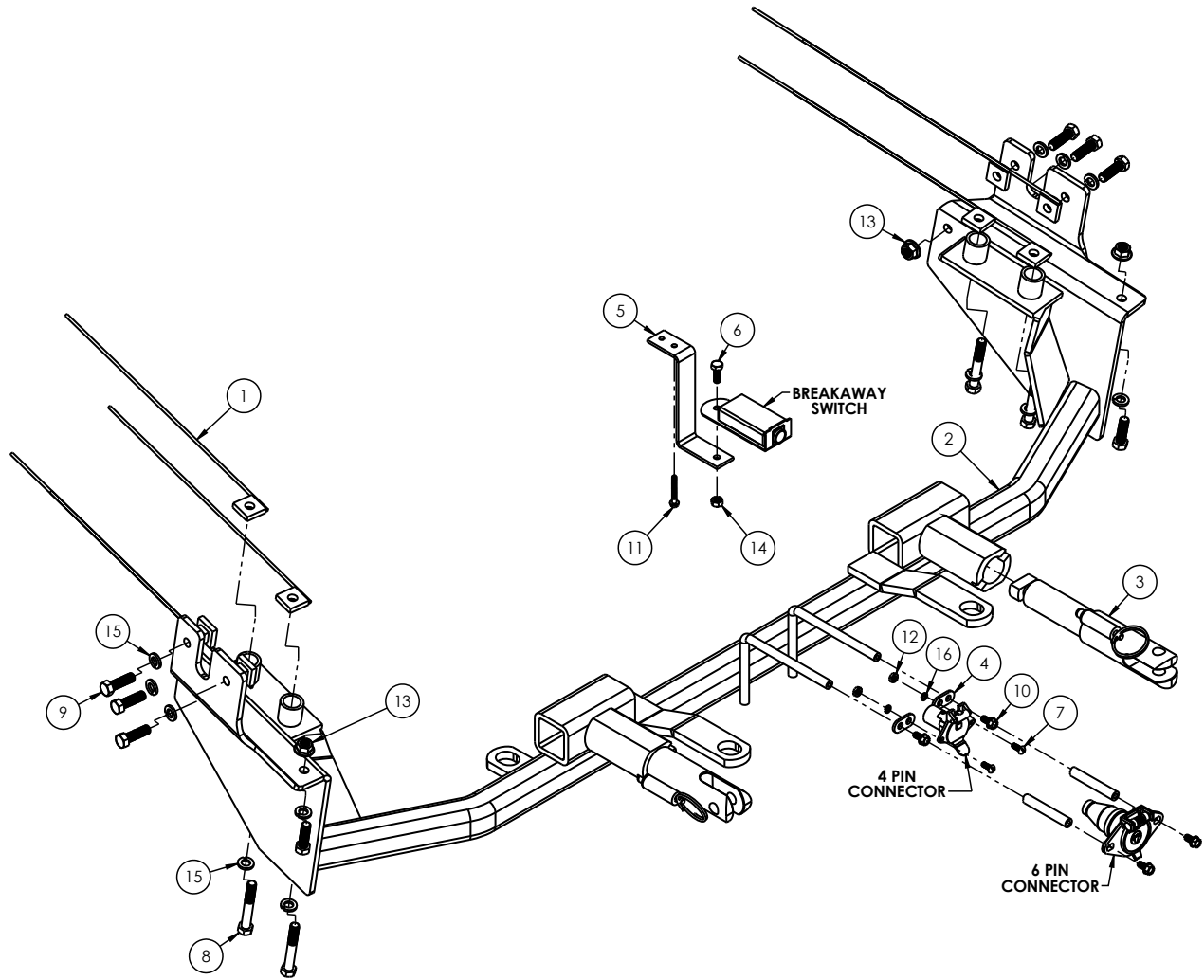
<u>Tools Required</u>		
5.5MM Socket 9/16" Socket Phillips Screwdriver Torque Wrench Drill	8MM Socket 9/16" Wrench Flat Screwdriver Tape Measure Loctite® Red	10MM Socket Large Vise Grip Utility Knife 13/32" Drill Bit

Item No.	Part No.	Description	Qty.
1.....	61-5208.....	3/8"-16 Nut Plate Weldment with 14" Wire	8
2.....	61-6721.....	BX2617 Baseplate.....	1
3.....	62-3469.....	Attachment Tab Assembly with Hole	2
4.....	101-5822.....	4 Way Connector Adapter	2
5.....	102-7197.....	BX2800 Breakaway Bracket.....	1
6.....	201-0050.....	1/4"-20 x 3/4" Hex Head Bolt, Grade 5, ZP	1
7.....	201-0192.....	#10-32 1/2" Round Head Slotted Screw.....	2
8.....	201-0336.....	3/8"-16 x 2-1/2" Hex Head Bolt, Grade 5, ZP	4
9.....	201-0368.....	3/8"-16 x 1-1/4" Hex Head Bolt, Grade 5, ZP	8
10.....	201-0553.....	1/4"-20 x 1/2" Slotted Head Screw, ZP	2
11.....	201-0654.....	#10-16 x 1" Self Tapping Screw, ZP	1
12.....	202-0047.....	#10-32 Hex Nut	2
13.....	202-0071.....	3/8"-16 Hex Flange Nut, ZP	4
14.....	202-0102.....	1/4"-20 Hex Nylon Insert Nut, ZP	1
15.....	203-0010.....	3/8" Lock Washer, ZP	12
16.....	203-0054.....	#10 Lock Washer	2
17.....	226-0049 (not shown).....	36" Class IV Baseplate Safety Cable	2
18.....	229-0512 (not shown).....	1/2" Quicklink, ZP.....	4
19.....	290-0437 (not shown).....	Receiver Cap Plug	2
20.....	293-1339 (not provided).....	Breakaway Switch	1
21.....	294-0805 (not provided).....	4 Pin Connector.....	1
22.....	294-0902 (not provided).....	6 Pin Connector.....	1



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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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Removable Tabs: Motorhome mount tow bars are recommended for use with this baseplate. Due to the design of the removable tabs, the RangeFinderII, Adventurer, and Ambassador tow bars can not be used. The Acclaim tow bar may be used, but will not fold and store on the front of the vehicle. Adapters, except the BX8833 and BX88151, can not be used with this baseplate.

Instruction Notes: The fascia, horn, washer reservoir and plastic cover are removed and reinstalled for the baseplate installation. Some drilling and trimming 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 vehicle manufacturer's tolerances. These minor adjustments may include filing a hole slightly, bending electrical rods or bending end plates.

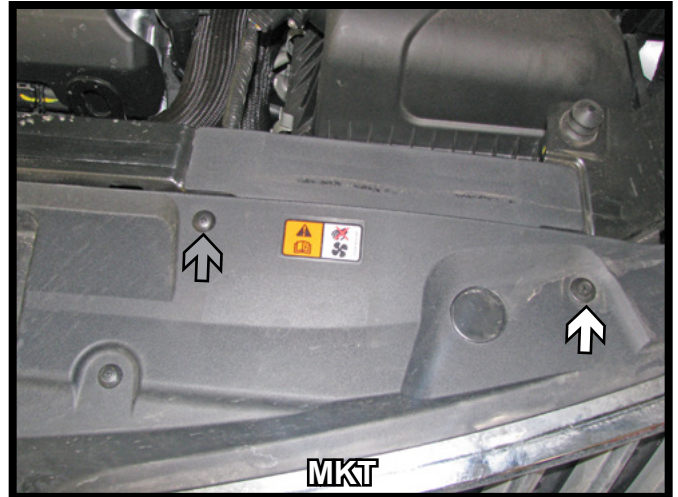
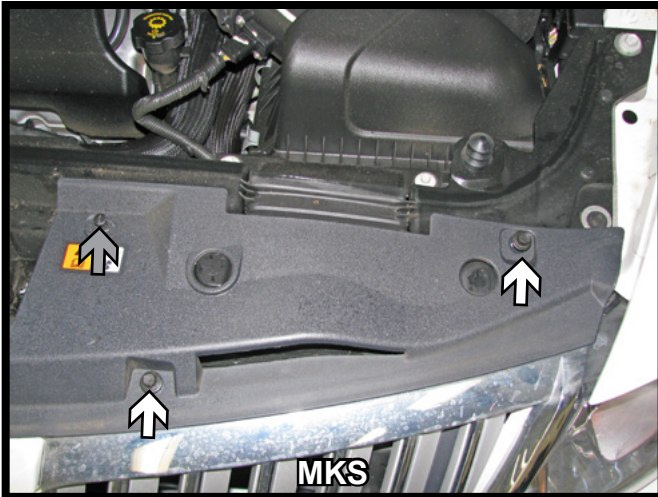
The BX8848 4-Diode Wiring Kit is recommended for this vehicle.

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 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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1. **MKS models:** Using a 10MM socket, remove the two (2) bolts (white arrows) from the top of the fascia on both sides of the vehicle. Use a flat screwdriver to remove the push pin in the center (grey arrow). Set bolts and push pins aside to be reinstalled later.

MKT models: Using a 10MM socket, remove the bolt (white arrow) from the top of the fascia on both sides of the vehicle. Use a phillips screwdriver to remove the two (2) push pins (grey arrows).

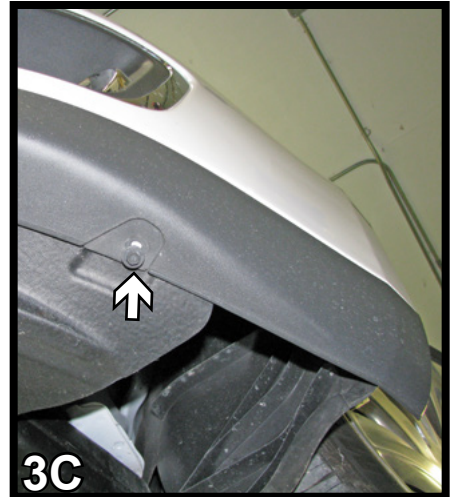
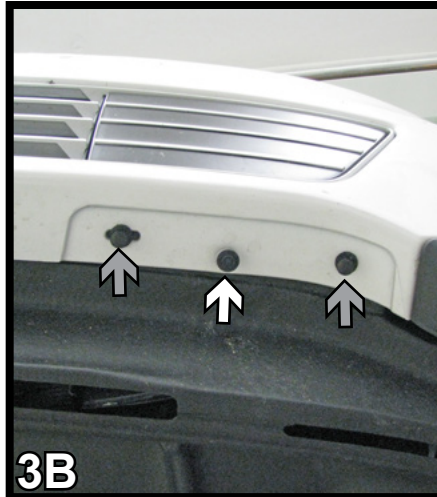
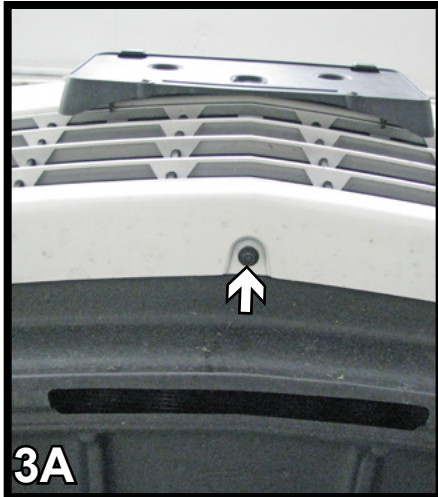
Set bolts and push pins aside to be reinstalled later.



2. **MKS models:** Using a phillips screwdriver, remove the four (4) screws that are located just forward of the front tire on both sides of the vehicle. Set screws aside to be reinstalled later.

MKT models: Using a 5.5MM socket, remove the three (3) bolts that are located just forward of the front tire on both sides of the vehicle.

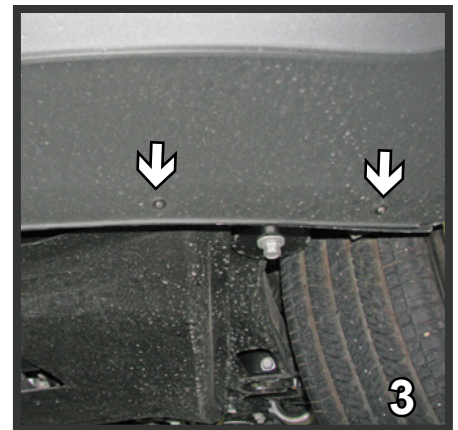
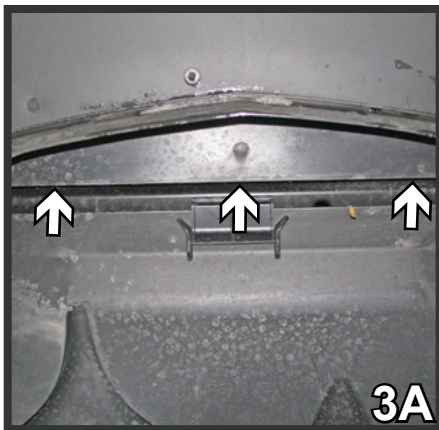
Set bolts aside to be reinstalled later.



3. **MKS models:** On the underside use an 8MM socket to remove the bolts (white arrows). There is one (1) bolt on the outermost edges of the fascia, figure 3C, one (1) directly in the center, figure 3A, and also one (1) between the push pins, figure 3B.

Remove the push pins (grey arrows) that are located on each side of the bolt, figure 3B with a flat screwdriver. Pull fascia corners out to the side of the vehicle, then pull forward.

Set fascia, bolts and screws aside carefully to be reinstalled later.



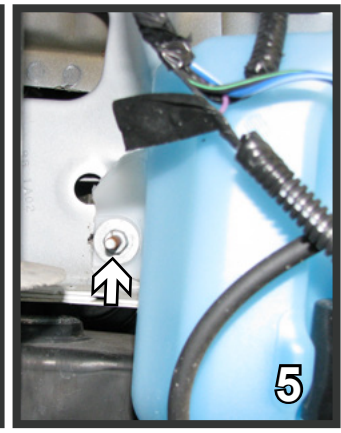
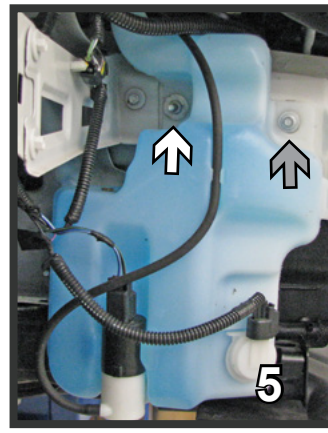
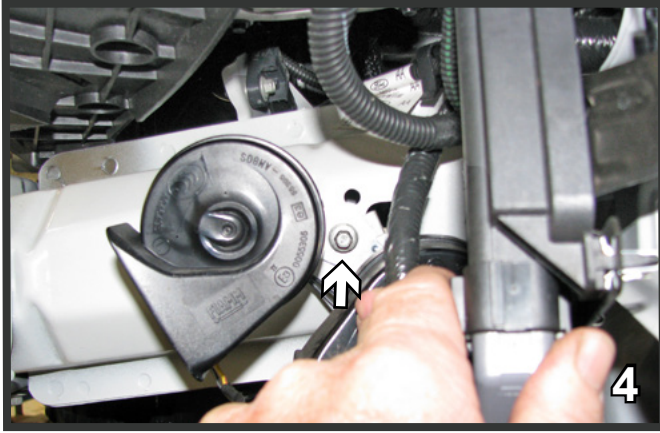
3. **MKT models:** In front underneath, remove three push pins from the center. Using a 5.5MM socket, remove one bolt on each side (gray arrow). Pull fascia corners out to the side of the vehicle to unsnap, then pull forward. Set fascia, pins and bolts aside carefully to be reinstalled later.

3. **MKT models:** In front underneath, using a 5.5MM socket remove seven bolts. Pull fascia corners out to the side of the vehicle, then pull forward. Set fascia and bolts aside carefully to be reinstalled later.

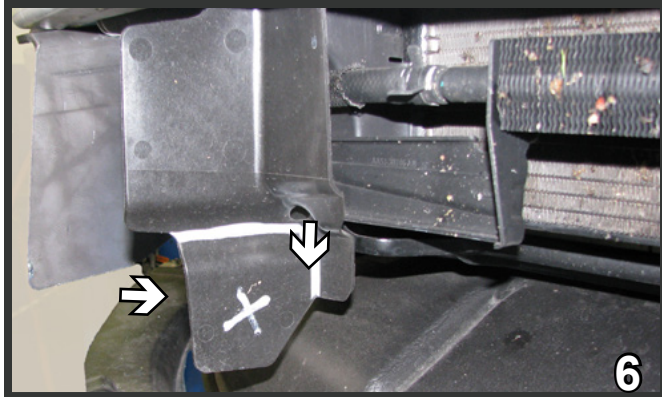


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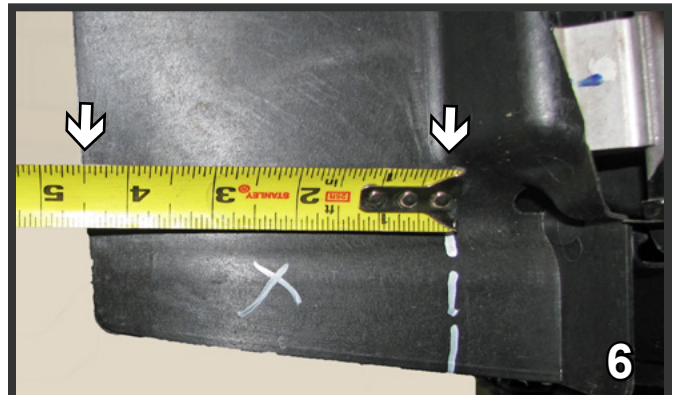
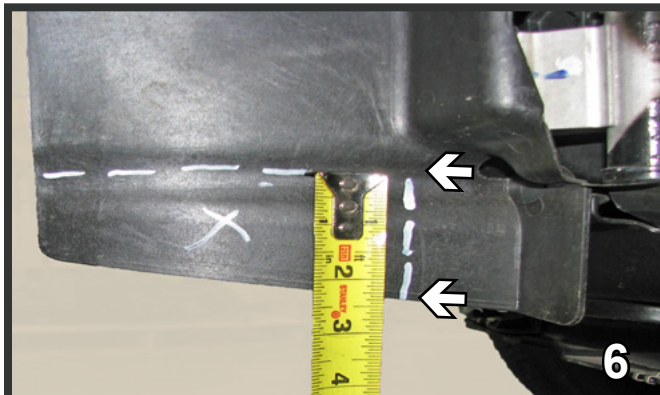
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4. On the driver's side, using an 8MM socket, remove the bolt holding the horn. Set the horn and bolt down by the side to be reinstalled later.
5. **MKS models:** On the passenger side, using an 8MM socket remove the bolt from the top right side (gray arrow). Using an 11MM socket, remove the two bolts on the left side (white arrows). Unhook hoses and wires. Set washer reservoir and bolts aside to be reinstalled later.
MKT models: Use a 10MM socket to remove all three bolts.



6. **MKS models:** On the passenger side, trim across the groove and down.

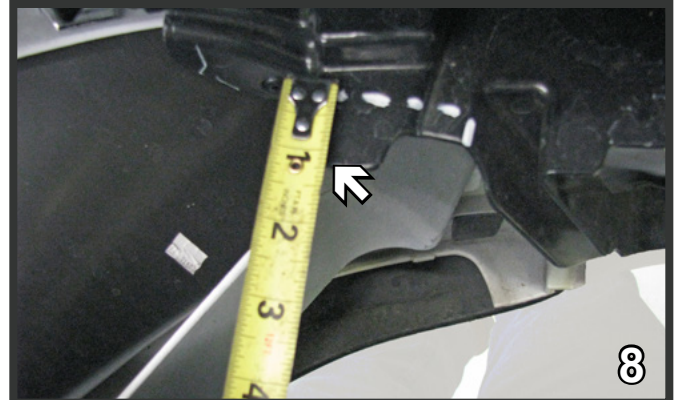
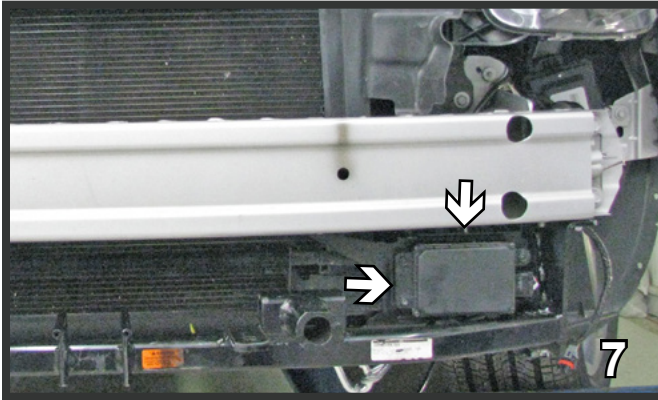


6. **MKT models:** On the passenger side, trim 2 1/4" up and 4 1/2" across.

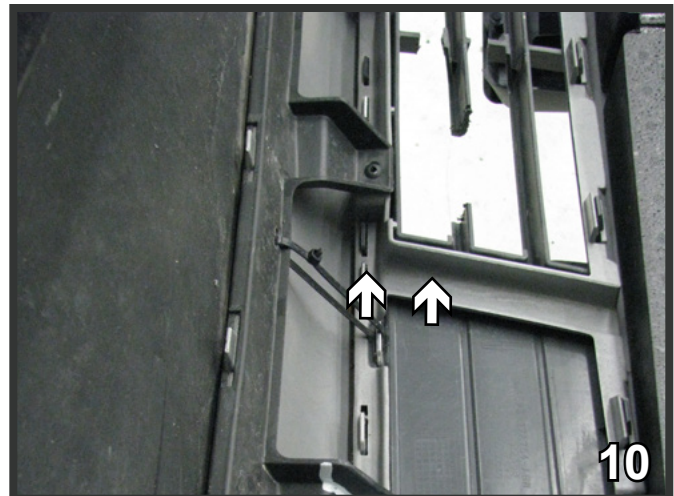


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7. Remove the collision control module. Unsnap the module from the front side of the bracket by pulling the module forward. Unplug and set aside.
8. **MKS models:** On the back side of the fascia by the fog light, using a utility knife cut off the tab, 1" back and 2 1/4" wide. Do this on both sides.

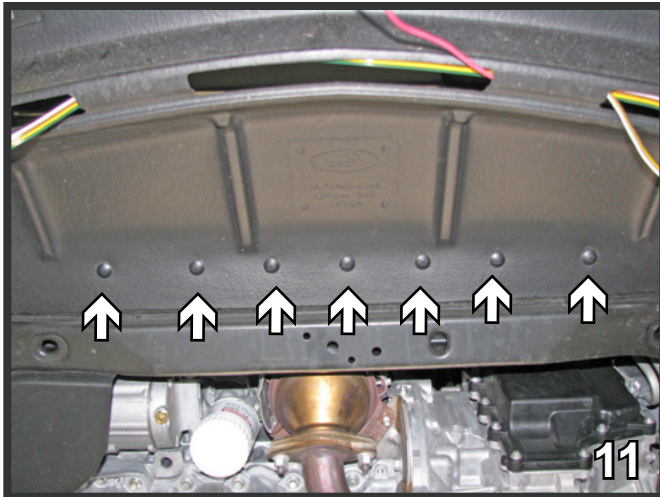


9. **MKS models:** On the back side of the fascia by the cruise control mechanism, using a utility knife, trim across the bottom, as shown. Do this to both sides of vehicle.
10. **MKT models:** Trim as shown on the back side of the fascia.

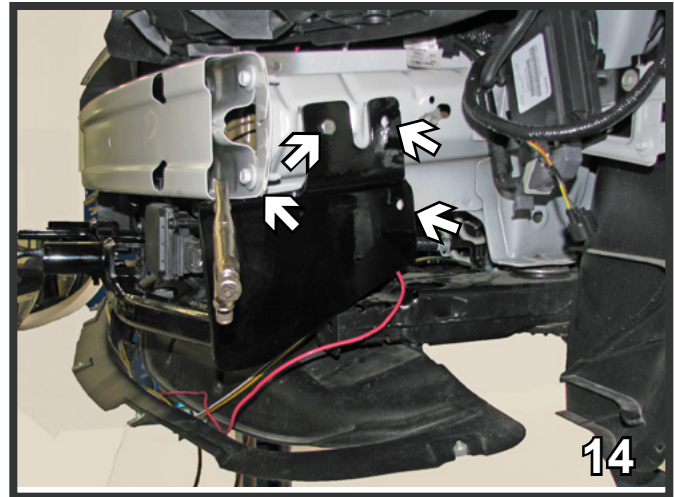
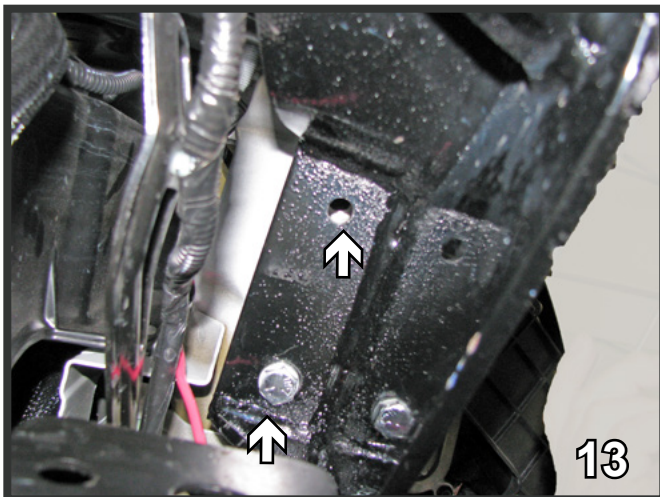


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11. **MKS models:** Underneath the vehicle, using a flat screwdriver, remove seven push pins. Set the plastic cover and push pins aside to be reinstalled later.
12. Slide the base plate straight up from the bottom and clamp in front. Be sure the base plate is level with the frame, and up as far as possible. All the holes need to be drilled with a 13/32" drill bit.



13. First using the baseplate as a template with a 13/32" drill bit, drill two holes underneath. Insert a 3/8"-16 x 2 1/2" bolt into the holes with 3/8" lock washers and 3/8"-16 nut plate, tighten with Loctite Red. Do the same on both sides of the vehicle.
14. Using the baseplate as a template with the 13/32" drill bit, drill a hole in the side and start a 3/8"-16 x 1 1/4" bolt with a 3/8" lock washer and a 3/8"-16 nut plate, inserted into the bumper opening. Continue with the three remaining holes. Do this to both sides.

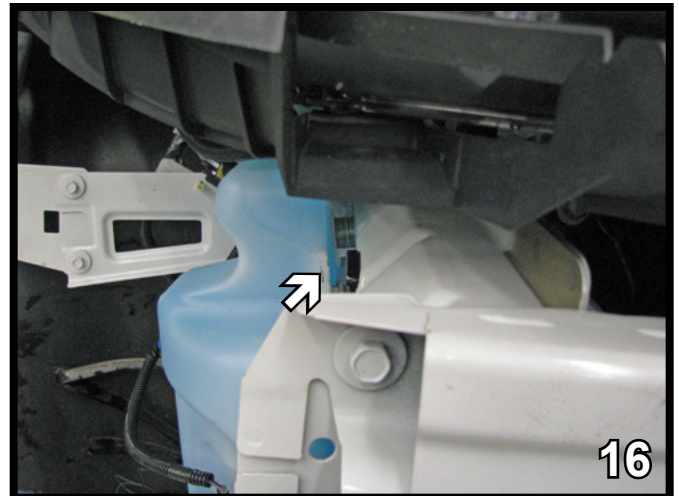
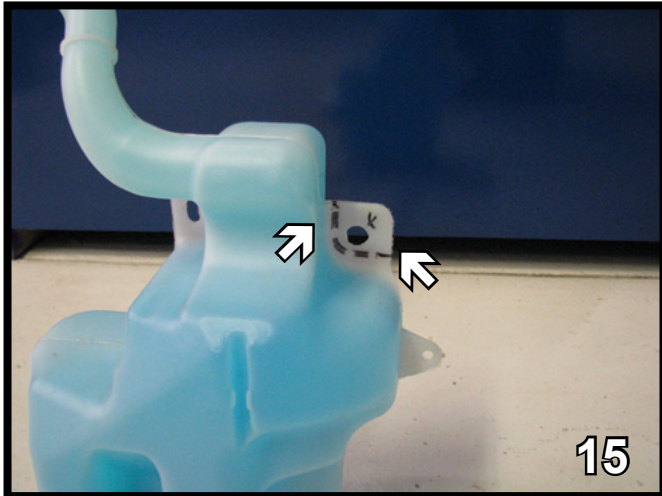
Be sure that **ALL** electrical connections are plugged in properly and functioning **BEFORE** installing the fascia.

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.

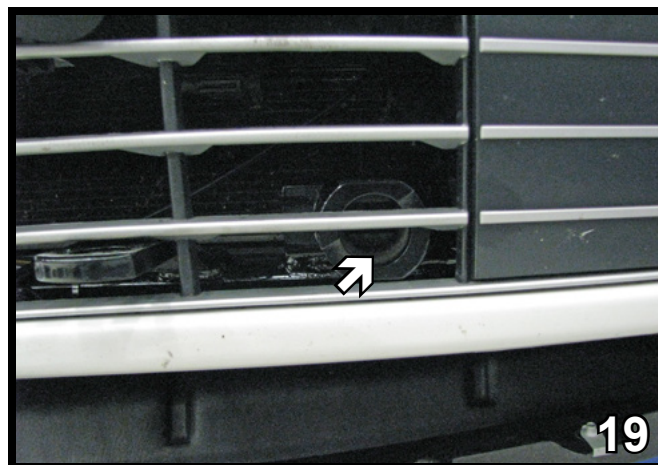


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15. On the passenger side before reinstalling the washer reservoir, using a utility knife cut off the top right installation tab about 1 1/2" x 1 1/2". Be careful not to cut into reservoir. Reinstall the water tank and connect the hoses and plug in electrical connections.
16. Using the two existing studs on the left, reinstall the washer reservoir. Put seven 1/4" flat washers behind the washer on the top stud to offset away from the baseplate. Reconnect the hoses and plug in electrical connections.
17. Attach the permanent baseplate safety cables. Position the cables around a solid piece of the frame. 226-0049 base plate safety cables and 229-0512 quicklinks are recommended.
18. Reinstall horn, collision sensor and the plastic cover.



19. Hold the fascia up in front of the baseplate, mark and trim the area needed for the baseplate to come through. The installation of the baseplate is complete.

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.



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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.



MKS - Shown without removable tabs installed



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