BX2917
2025-2026 Ford Maverick HEV
(Includes Adaptive Cruise Control, Shutters, & Hybrid)
Installation Instructions

Please read BOTH these Installation Instructions and the General Information sheet prior to installing or operating this equipment.

Serial Number

Attachment Tab Height: 15”

Attachment Tab Width: 26”

Please ensure tow bar being used is compatible with the baseplate tab width.

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.

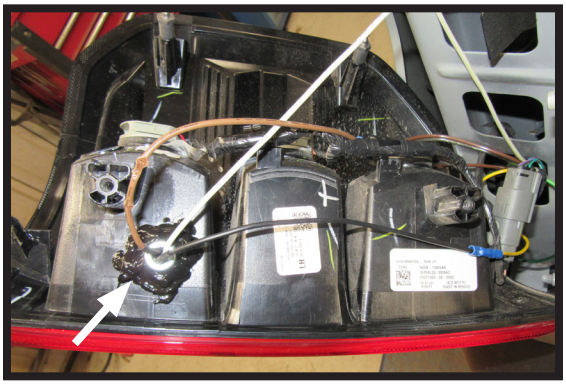
BX2917
2025-2026 Ford Maverick HEV
(Includes Adaptive Cruise Control, Shutters, & Hybrid)
Installation Instructions

Instruction Notes: The fascia and pedestrian alert speaker are removed and reinstalled for the baseplate installation. The shutters are removed and remain off the vehicle for 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 vehicles without LED lights and the BX8848 Tail Light Wiring Kit is recommended for vehicles with LED.

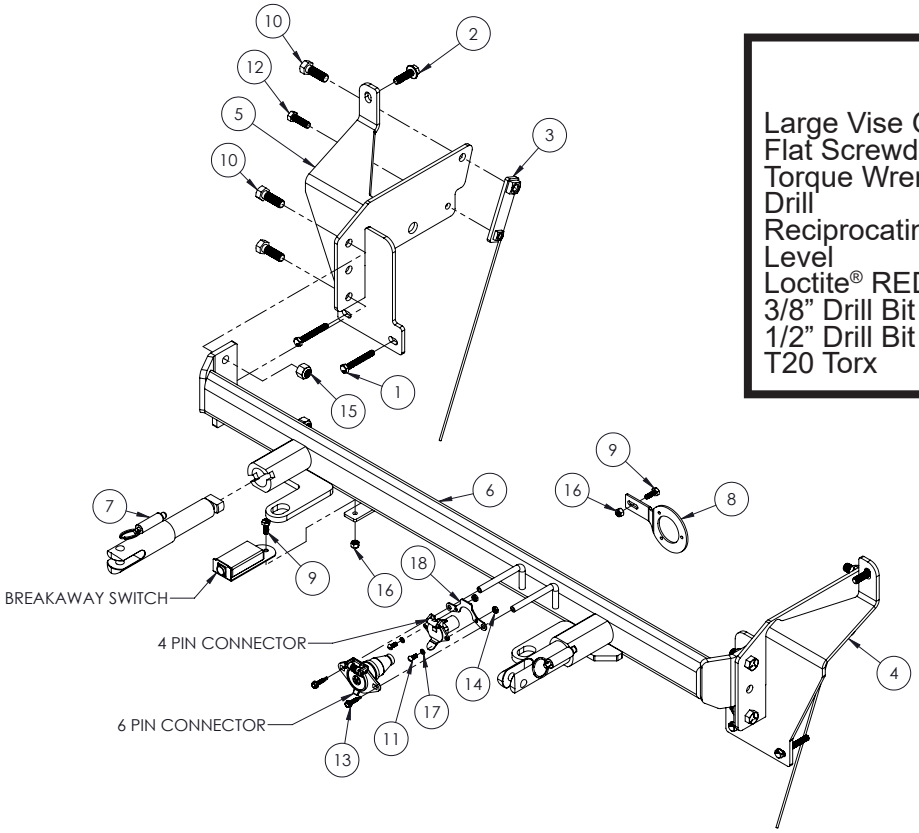


Drill a hole according to the tail light wiring kit instructions.

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 a sufficient amount of Loctite® Red on all bolt threads before tightening. Tighten all bolts according to the torque chart provided unless specified.
- 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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Installation Instructions



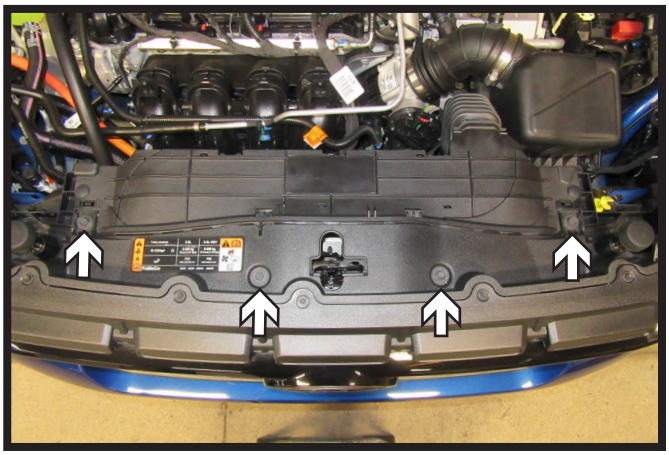
Tools Required

Large Vise Grip	T30 Torx
Flat Screwdriver	7MM Socket
Torque Wrench	8MM Socket
Drill	10MM Socket
Reciprocating Saw	11MM Socket
Level	11MM Wrench
Loctite® RED	13MM Wrench
3/8” Drill Bit	16MM Wrench
1/2” Drill Bit	3/4” Socket
T20 Torx	3/4” Wrench

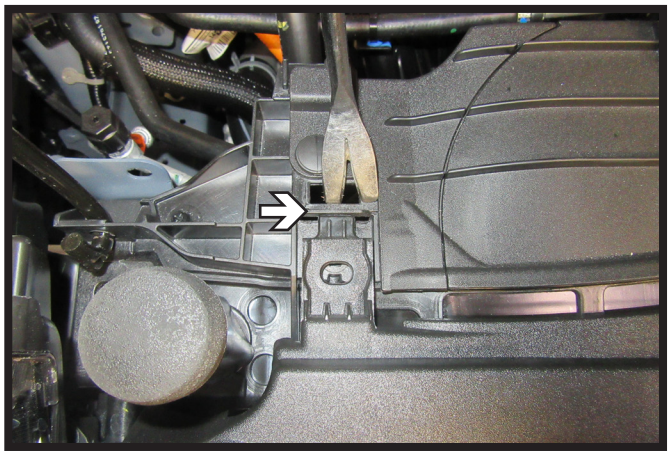
Item No.	Part No.	Description	Qty.
1	Existing	M8-1.25MM x 60MM Lg	4
2	Existing	M10-1.5MM x 35Mm Lg	2
3	61-8344	2 Holes Nut Plate	2
4	61-8743	BX2917 Baseplate, DS	1
5	61-8744	BX2917 Baseplate, PS	1
6	61-8805	BX2917 Center	1
7	62-3469	Attachment Tab Assembly with Hole	2
8	101-11212	Pedestrian Sensor Mounting Plate	1
9	201-0050	1/4”-20 x 3/4” Hex Head Bolt, Grade 5, ZP	2
10	201-0051	1/2”-13 x 1-1/2” Hex Head Bolt, Grade 5	6
11	201-0192	#10-32 1/2” Round Slotted Head Screw	2
12	201-0368	3/8”-16 x 1-1/4” Hex Head Bolt, Grade 5, ZP	2
13	201-0979	#12-14 x 1” Self Drilling Screw, ZP	2
14	202-0047	#10-32 Hex Nut	2
15	202-0094	1/2”-13 Hex Nylon Insert Lock Nut, ZP	4
16	202-0102	1/4”-20 Hex Nylon Nut, ZP	2
17	203-0054	#10 Lock Washer, ZP	2
18	299-0685	Electrical Bracket	1
19	226-0049(not shown)	Class IV Safety Cables	2
20	229-0512(not shown)	1/2” Quicklink, ZP	2
21	290-0275(not shown)	8” Nylon Caple Tie	3
22	290-0437(not shown)	Black Cap Plug Receiver	2

Important:

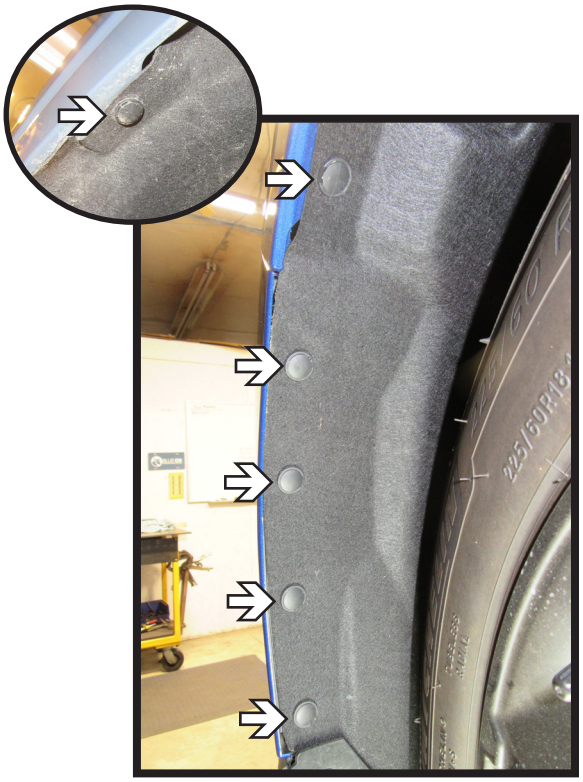
Use only genuine factory replacement parts on your baseplate. Do **NOT** substitute homemade or non-typical parts. If a bolt is lost or in need of replacement, for your safety and the preservation of your baseplate, be sure to use a replacement bolt of the same grade (In most cases it will be Grade 5,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



1. Using a 10MM socket, remove the four (4) bolts from the top of the fascia.



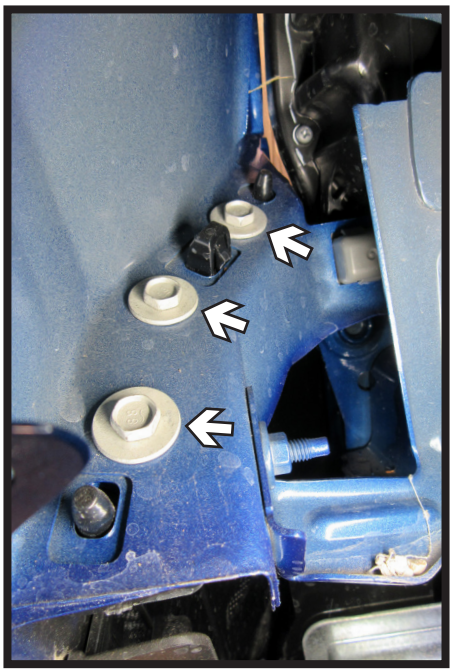
2. Using a flat head screw driver or similar tool, pull up on the plastic piece and outward on the fascia to release clip. Do this on both sides of the vehicle.



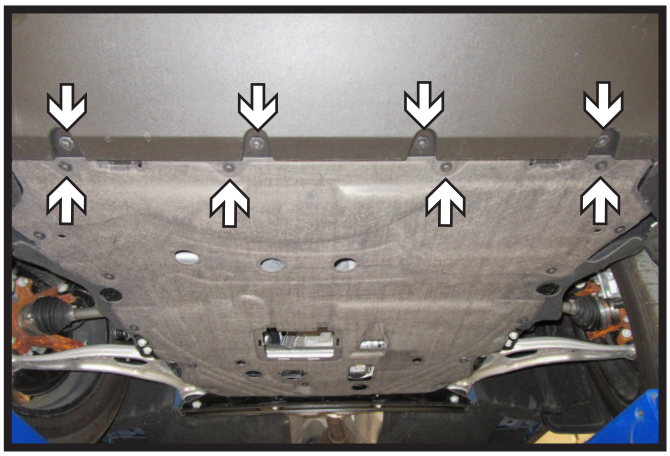
3. Remove the six (6) push pins from the wheel well edge. Do this on both sides of the vehicle.



4. Using a 7MM socket, remove the three (3) bolts (gray) and one (1) push pin (white) from the wheel well edge. Do this on both sides of the vehicle.



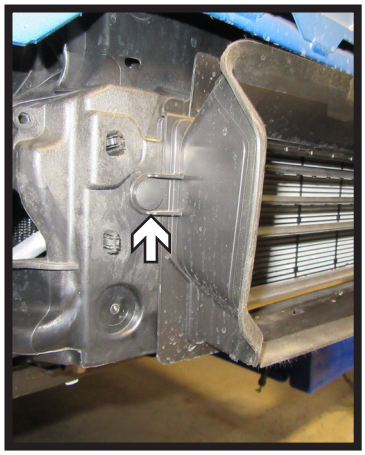
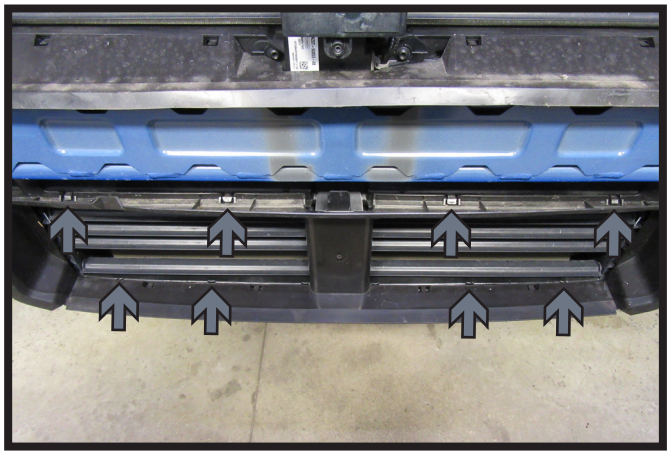
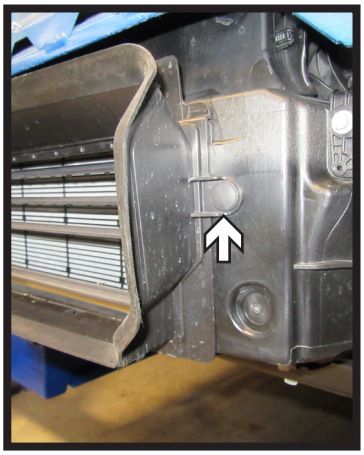
5. Pull back the wheel well liner. Using a 10MM socket, remove the three (3) bolts from the fascia joint. Do this on both sides of the vehicle.



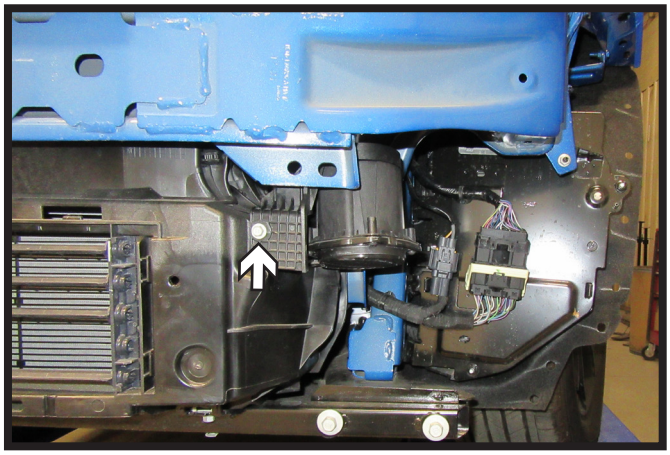
6. Using a T30 Torx, remove the eight (8) bolts from the underside of the fascia.



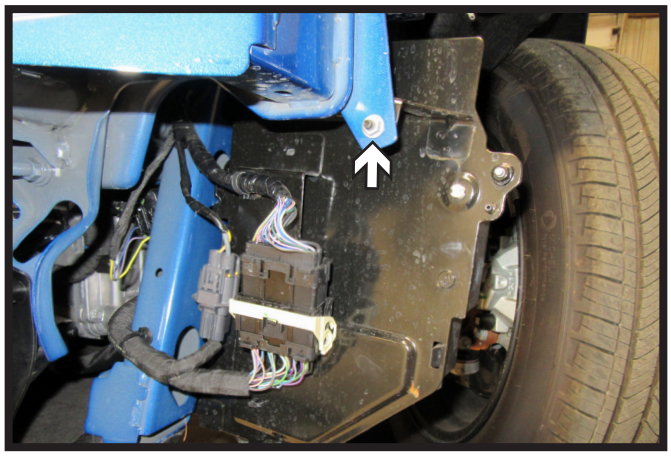
7. As the fascia is removed, unplug the two (2) electrical connections on the passenger side of the vehicle. Set fascia aside to be reinstalled later.

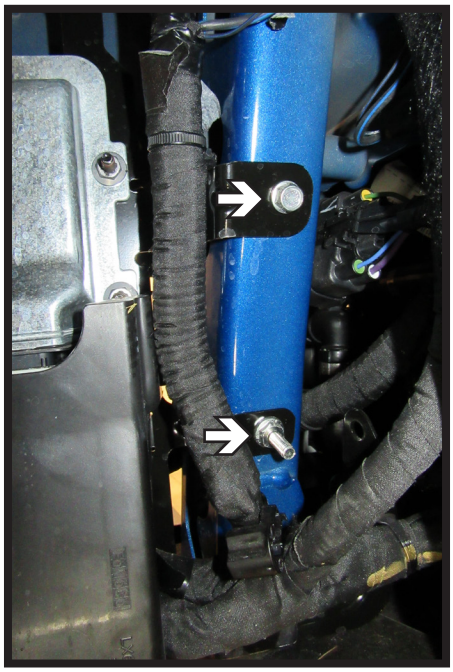




8. Remove the two (2) push pins (white), one (1) on each side of the shroud around the lower shutters. Then using a flat screw driver, release the eight (8) clips around the edge of the shroud (gray). Remove shroud and set aside to be reinstalled later.

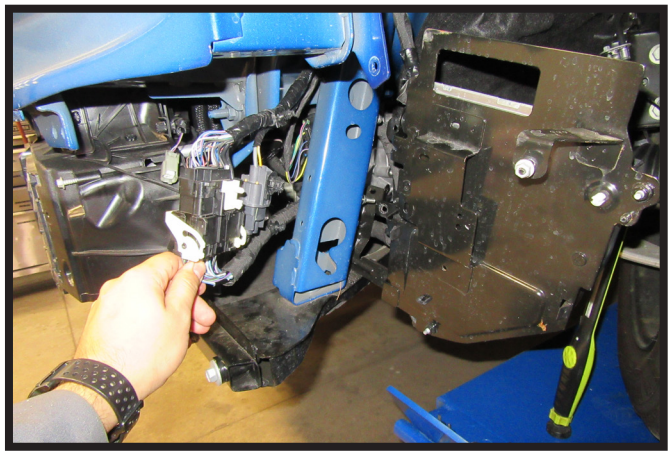


9. Using a 8MM socket, remove the one (1) bolt from the speaker mounting bracket on the driver side of the vehicle. Unplug electrical on the back of the speaker. Remove the pedestrian alert speaker and set aside to be reinstalled later.

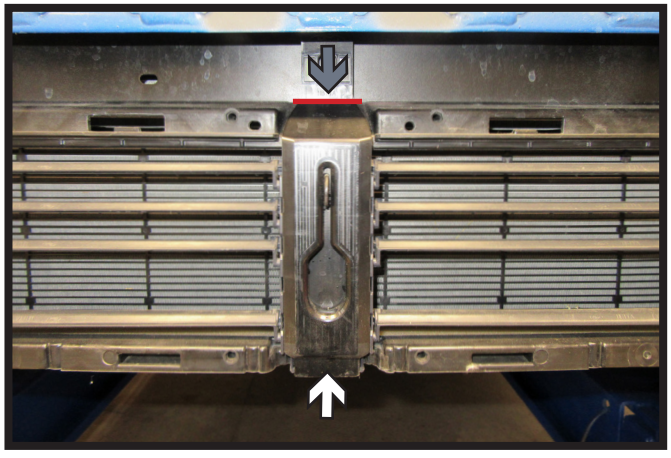




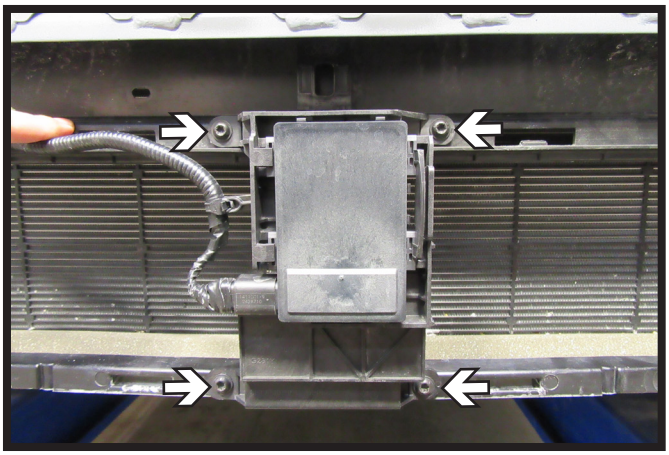
10. Using a 10MM socket, remove the one (1) nut from the top of the black box in front of the wheel on the driver side of the vehicle (left). Then remove the wire loom from the backside bottom bolt. Using a 10MM deep socket, remove the two (2) bolts from the backside (right). Let box hang out of the way for baseplate installation.



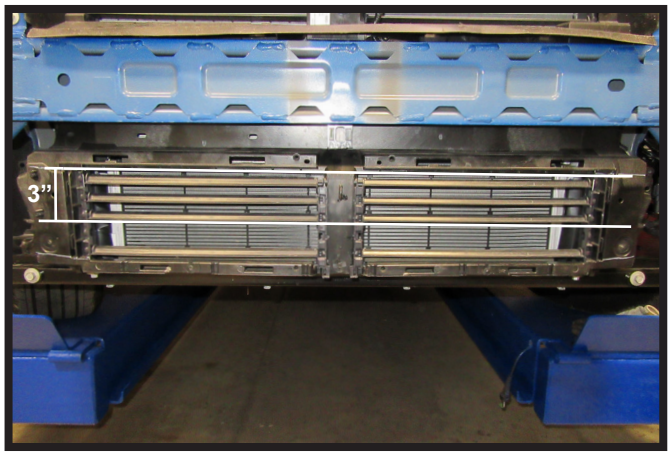
11. Unclip the electrical and wire loom from the front of the black box and the front of the frame on the driver side of the vehicle.



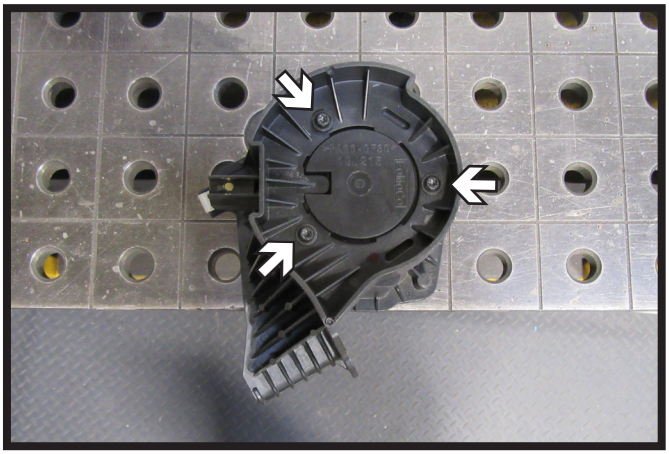
12. **Vehicles without ACC**: Using a reciprocating saw, cut the top of the shutter center piece as shown (gray). Then remove the remaining center piece cover (white).



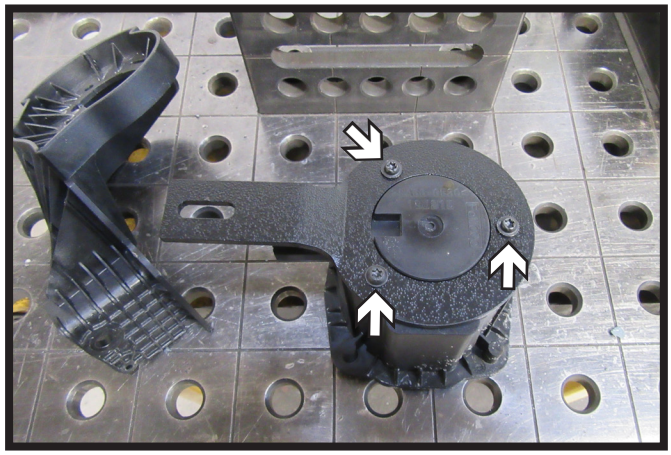
13. **Vehicles with ACC**: Using a T30 Torx, remove the four (4) bolts from the adaptive cruise control (ACC) mounting bracket. Set ACC bracket out of the way for installation.
DO NOT unplug the ACC sensor.



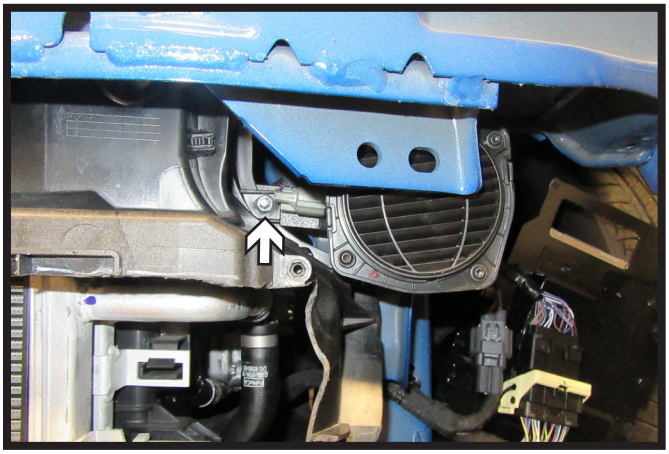
14. Using a reciprocating saw, cut the shutters starting at the top and down 3” to allow for baseplate clearance.
Note: Be careful not to accidentally cut the wires on the back side of the shutters on the passenger side of the vehicle.



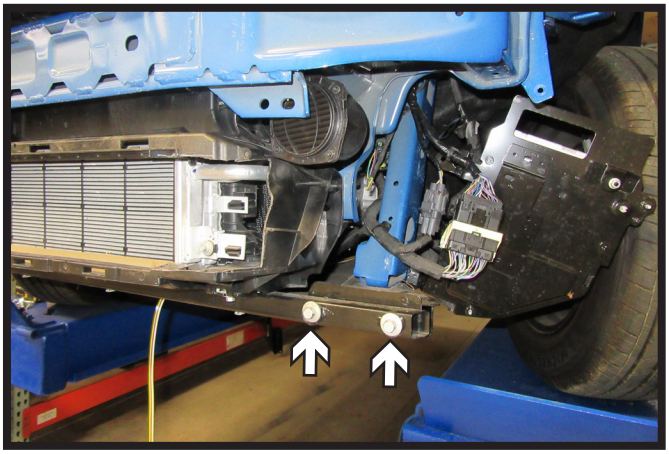
15. Using a T20 Torx, remove the three (3) bolts from the bottom of the pedestrian alert speaker. Remove the mounting bracket from the speaker.



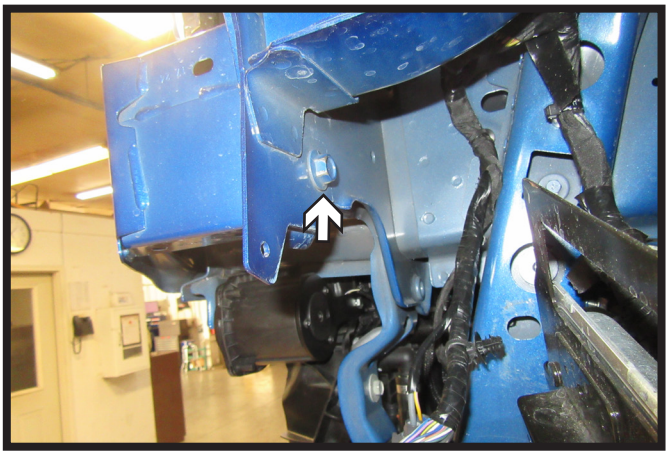
16. Using the existing bolts, attach the provided new mounting bracket to the bottom of the speaker as shown.



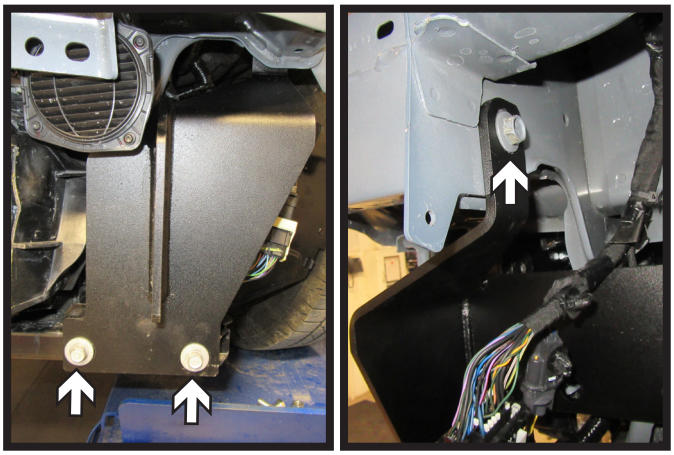
17. Reinstall the pedestrian alert speaker on the driver side of the vehicle. Start the provided 1/4” x 3/4” bolt with nylon nut. Ensure the speaker is as high and towards the center of the vehicle as possible then tighten bolt.



18. Using a 13MM socket, remove the two (2) bolts from the bottom of the frame on the driver side of the vehicle.



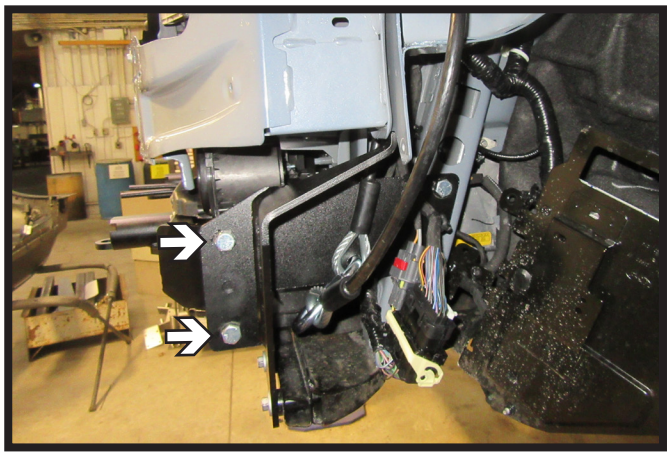
19. Using a 16MM socket, remove the one (1) bolt from behind the bumper on the driver side of the vehicle.



20. Slide the baseplate bracket onto the driver side of the vehicle and reinstall the two (2) M8 bolts with washers (left) and one (1) M10 bolt (right). Leave loose.

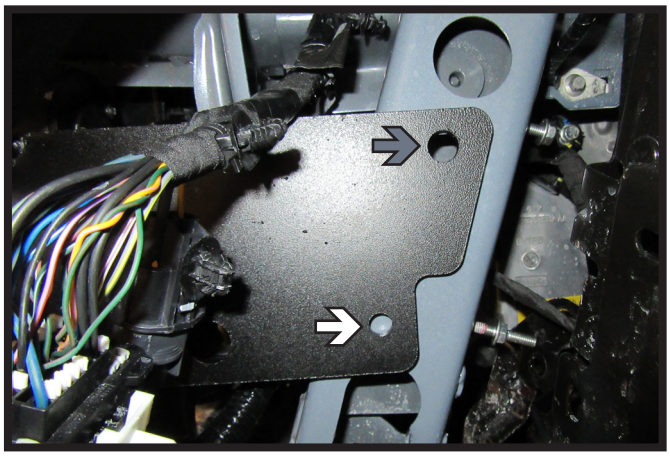
**** Use Loctite® Red on all bolt threads.****

Repeat steps 18-20 on the passenger side of the vehicle.

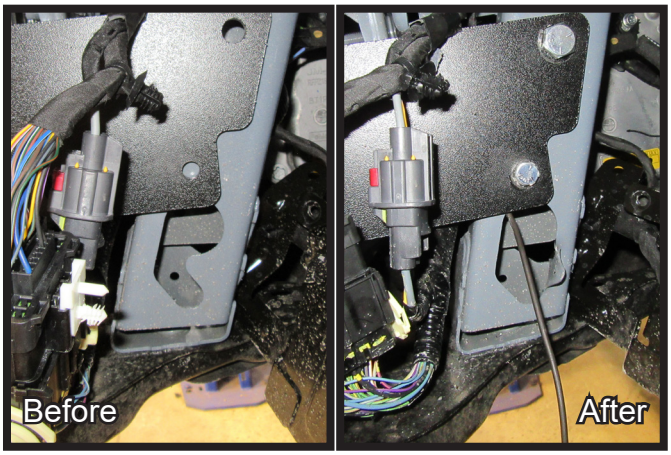


21. Slide the baseplate center piece into place. Install four (4) 1/2” bolts with nylon lock nuts, two (2) on each side. Ensure the center tube is level then tighten all bolts at this time.

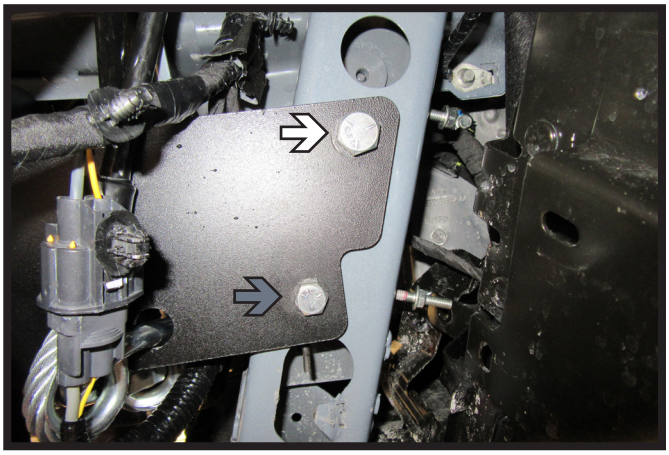
**** Use Loctite® Red on all bolt threads and tighten all bolts to the appropriate torque. ****



22. Using a 3/8” drill bit, drill out the back bottom hole (white) using the baseplate as a template. If needed use a 1/2” drill bit to ream out the back top hole (gray). Do this on both sides of the vehicle.

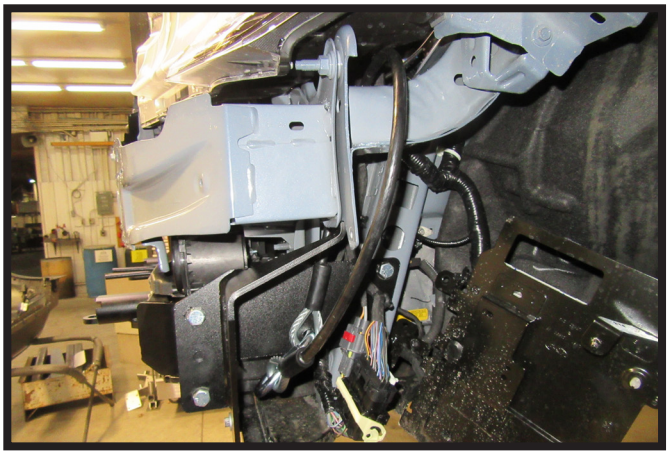


23. Using a pair of large vise grips bend back the frame piece as shown to create an access hole for the nut plate. Do this on both sides of the vehicle.

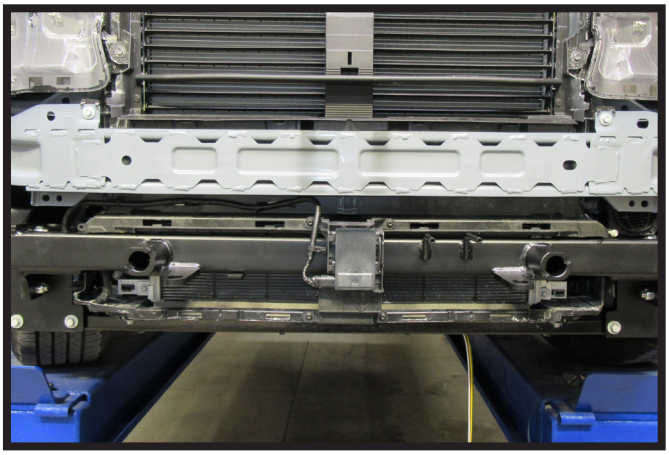


24. Insert nut plate through hole in the frame. Insert a 1/2” bolt into the top hole (white) and a 3/8” bolt into the bottom hole (gray). Bend frame piece back into place. Tighten all bolts. Do this on both sides of the vehicle.

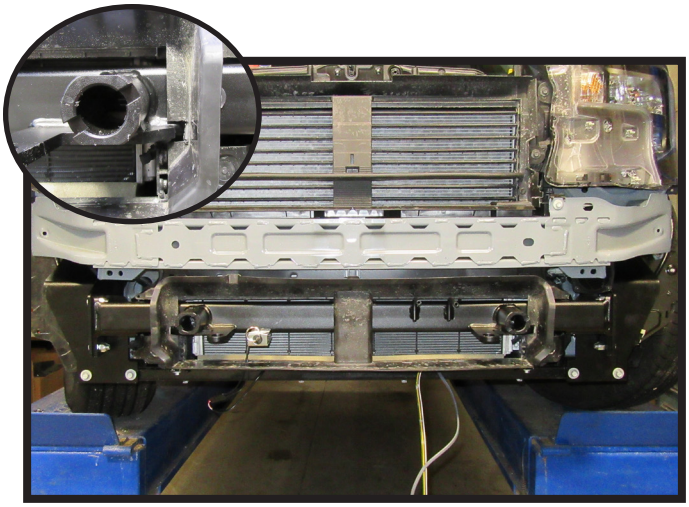
**** Use Loctite® Red on all bolt threads and tighten all bolts to the appropriate torque. ****



25. 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 General Information sheet. Be sure the safety cables do not rub against any hoses or moving parts. Do this on **BOTH** sides of the vehicle.

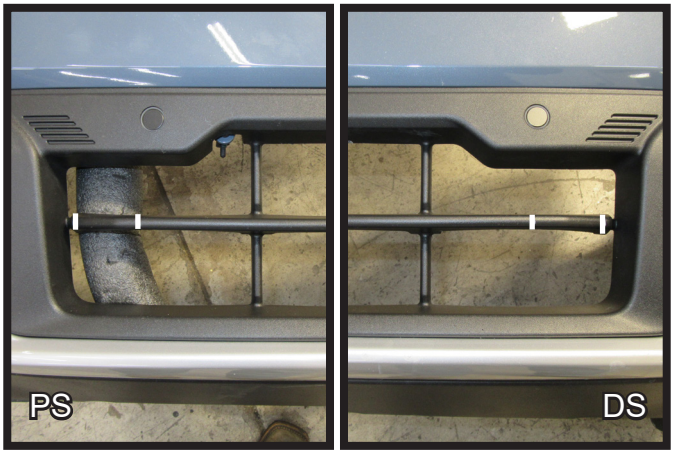


26. **Vehicles with ACC**: Reinstall the ACC mounting bracket.

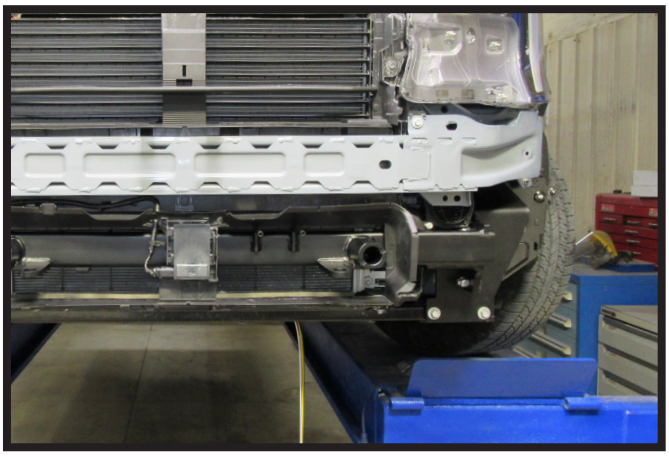


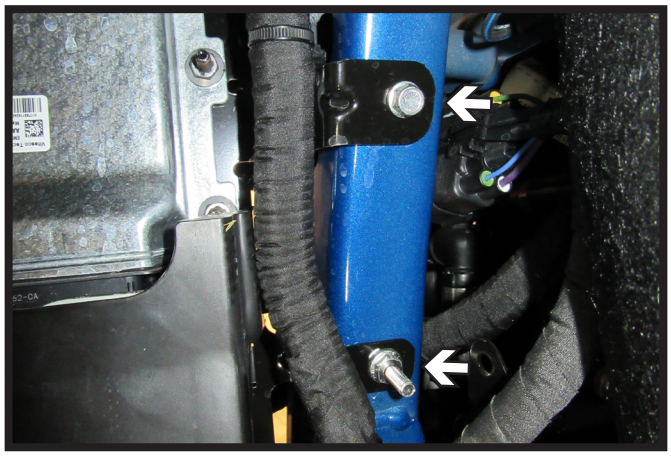
27. Reinstall the shutter shroud.

    Note: May need to trim shroud for convenience link clearance (inset).



28. Using a reciprocating saw, remove the horizontal slats on each side of the vehicle between the white marks as shown to allow room for the removable tabs.





29. Reinstall the black box on the driver side of the vehicle. Reattach the wire loom to front of the box and to the bottom bolt on the backside. If the box touches the baseplate bolt head, bend back plate slightly to create clearance.

    Note: The brackets (right) on the black box may need to be bent slightly to align with the existing holes during reinstallation.



30. Reinstall the fascia and reconnect all electrical connections.

    Optional: Install the breakaway switch to the breakaway bracket on the baseplate using the provided 1/4” bolt and nut before reinstalling the fascia.

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 service team.

Additionally, please visit our website to see which rallies our 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.

© 2025 Blue Ox
One Mill Road, Industrial Park
Pender, Nebraska 68047
Phone: (402) 385-3051
Fax: (402) 385-3360
www.blueox.com

General Information

1. Ensure that your product(s) are registered online at www.blueox.com. It is crucial to register your product(s) so that you may be alerted of product offerings, updates, upgrades, maintenance and safety bulletins, and/or recalls.
2. **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.
3. **It is the owner's responsibility to hook up all towing equipment per manufacturer's instructions/recommendations.**
4. 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

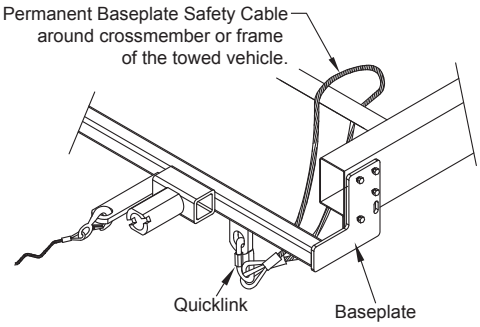
Permanent baseplate safety cables are strongly recommended when towing a vehicle with a tow bar. The principle function of the permanent baseplate safety cables is to prevent the towed vehicle from breaking loose in the event the connection between the frame of the towed vehicle and the baseplate fails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

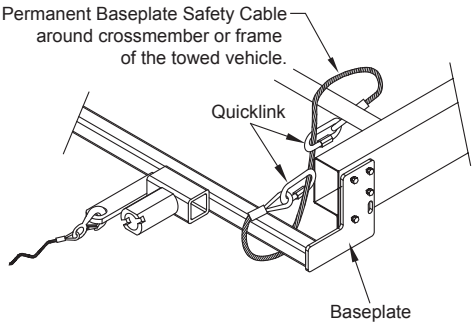
Option #1

(Baseplates with Convenience Link Tabs)



Option #2

(Baseplates with out Convenience Link Tabs)



BLUE OX ORIGINAL PURCHASERS
THREE YEAR LIMITED WARRANTY

Automatic Equipment Manufacturing Company (“Automatic”) warrants to the original (first) retail purchaser that this product, manufactured by Automatic, shall be free from defect in material and workmanship under normal use and service for a period of three years from the date of delivery.

During said three-year period, Automatic will repair or replace any parts that have been returned by the original purchaser, to the factory, transportation prepaid, and in Automatic’s sole and absolute opinion found to be defective.

Limitations on Warranty Coverage:

Coverage under this warranty will be valid only if the customer warranty card is returned by the original purchaser within 30 days of purchase.

Coverage under this warranty will be effective only when a copy of the original invoice, showing date and place of purchase, accompanies any claim for warranty. This warranty is NON TRANSFERABLE.

This limited warranty will not cover, in any way or form, any alleged damages caused by incorrect or improper installation, improper use, modification or neglect of product, failure to properly service and maintain, misuse, act of God, accident or failure of the user to follow guidelines contained in the instructional material provided by Automatic.

This warranty does not cover normal wear and tear, paint or rust.

Warrantor assumes no responsibility to the owner for loss of use of product, loss of time, inconvenience or any other damage consequential or otherwise. Including, but not limited to mileage, expense of transporting of product, return shipping expense, mechanics travel time, telephone, road service, towing, and rental during repairs, travel, lodging, loss or damage to personal property or loss of earnings.

REPAIR OR REPLACEMENT AS SET FORTH IN THIS LIMITED WARRANTY IS THE SOLE EXCLUSIVE REMEDY OF THE PURCHASER. AUTOMATIC SHALL NOT BE LIABLE FOR ANY INCIDENTAL OR CONSEQUENTIAL DAMAGES FOR BREACH OF ANY EXPRESS OR IMPLIED WARRANTY ON THIS PRODUCT. EXCEPT TO THE EXTENT PROHIBITED BY APPLICABLE LAW, ANY IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE ON THIS PRODUCT IS LIMITED IN LENGTH TO THE DURATION OF THIS WARRANTY.

Please visit http://blueox.com/warranty/ to register your warranty

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