

BLUE OX[®]

Baseplates

BX2183

2006-07 Mercury Mariner Hybrid 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.us or by contacting our 24/7 Customer Care Department at (888) 425-5382.
- 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: 17 1/2"
Attachment Tab Width: 18"

Bolt Torque Specifications

Torque in Foot-Pounds per 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. You can also contact REMCO for additional information at 1(800)228-2481.

Bolt Torque Specifications

Torque in Foot-Pounds per 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



⚠️ 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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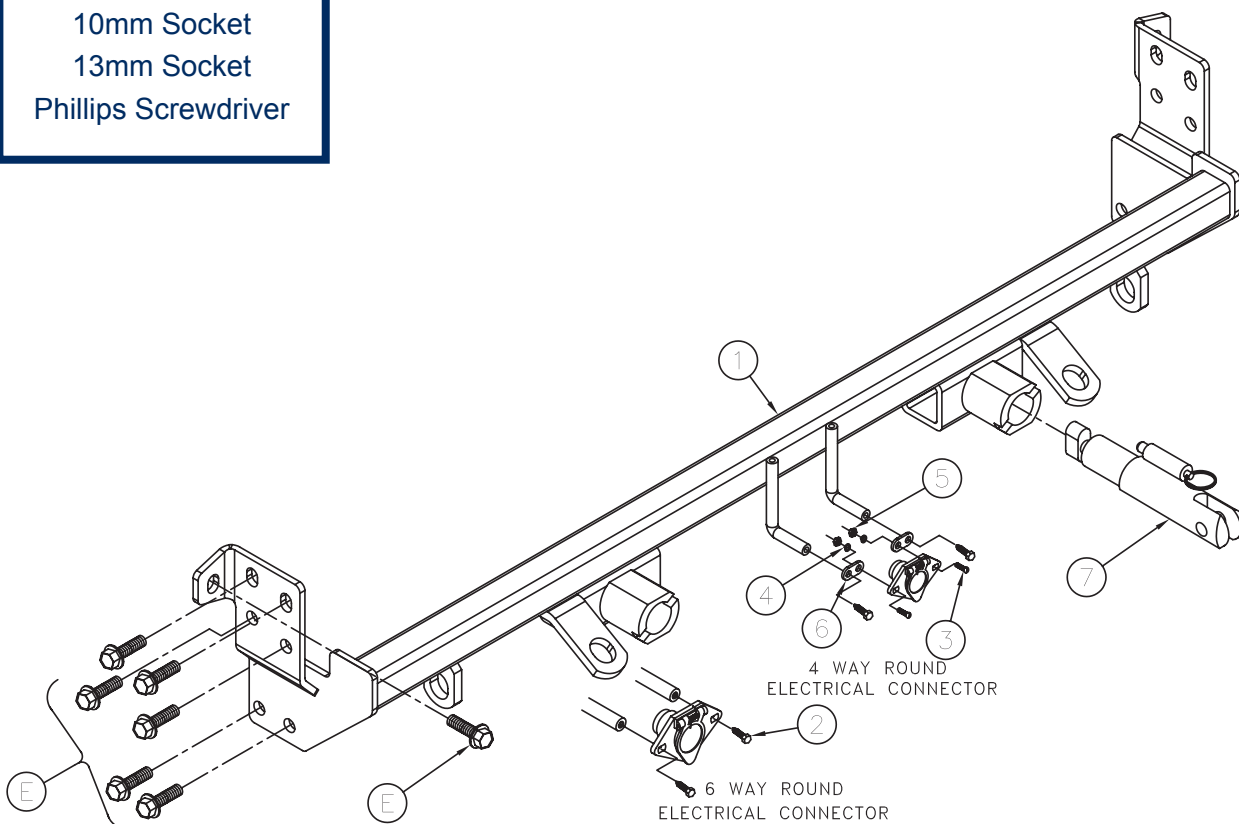
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Parts List

Ref. No.	Qty.	Part #	Description
1	1	61-6282	Weldment, Base Plate, BX2183
2	2	201-0553	1/4-20 1/2" Hx. Wshd, Type F Screw
3	2	201-0192	#10-32 x 1/2" Slot, Rd. Hd. Screw
4	2	203-0054	#10 Lock Washer
5	2	202-0047	#10-32 Hex Nut
6	2	101-5822	Adapter, 4-Way Connector
7	2	62-3468	Attachment, Assembly, SF/SB (R)
8	2	290-0437	Receiver Cap, Plug (Not Shown)
E	14		Existing Metric Bolts

Tools Required

Loctite® RED
10mm Socket
13mm Socket
Phillips Screwdriver



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.

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Attachment 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.

Installation Notes: The fascia, belly pan and tie down brackets are removed for installation. The tie down brackets are not reinstalled.

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, and/ or bending end plates.

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

Installation Instructions:



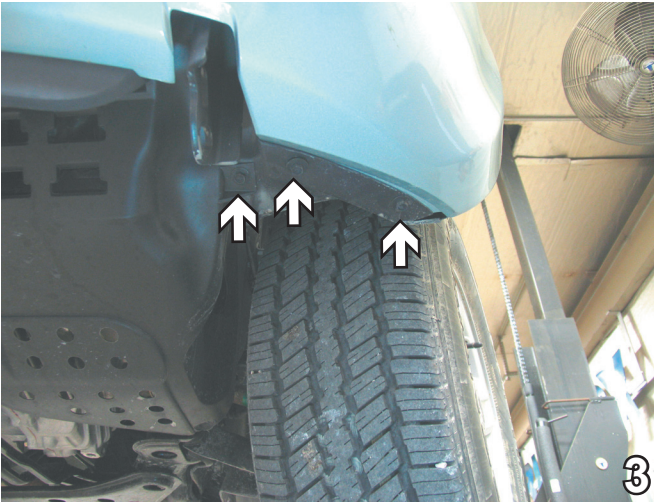
1. On the upper corner of grille, use the 10mm socket to remove one metric bolt. Do this to both sides of the vehicle. Set bolts aside to be reinstalled later.



2. Just forward of the front tire, inside the wheel well, remove three Phillips pushpins. Do this to both sides of the vehicle. Set pushpins aside to be reinstalled later.

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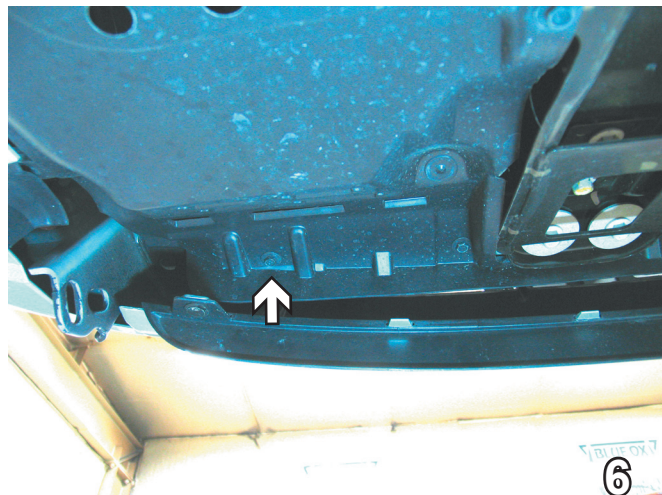
- Using the 10mm socket, remove two metric bolts from bottom corner of fascia, just forward of front tire, and one metric bolt just behind the tie down bracket. Do this to both sides of the vehicle. Set bolts aside to be reinstalled later.



- Remove one pushpin from bottom corner of fascia. Do this to both sides of the vehicle. Set pushpins aside to be reinstalled later.



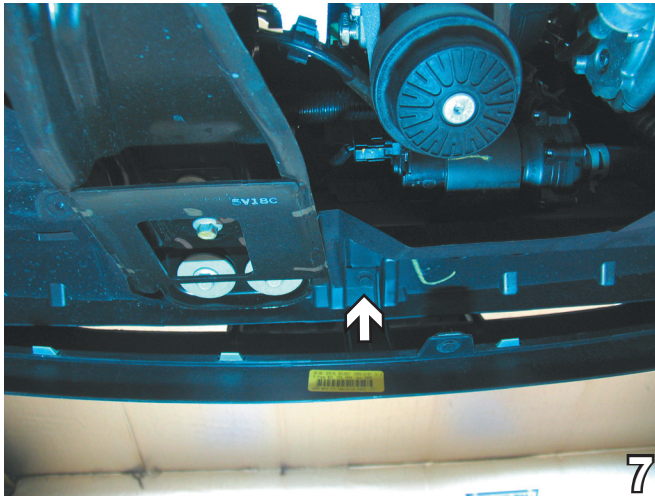
- Under the front of fascia, remove a Phillips pushpin on each side of the license plate. Pull fascia forward to remove. Set pushpins and fascia aside to be reinstalled later.



- On the front corner of belly pan, use the 10mm socket to remove one metric bolt. Do this to both sides of the vehicle. Set bolts aside to be reinstalled later.

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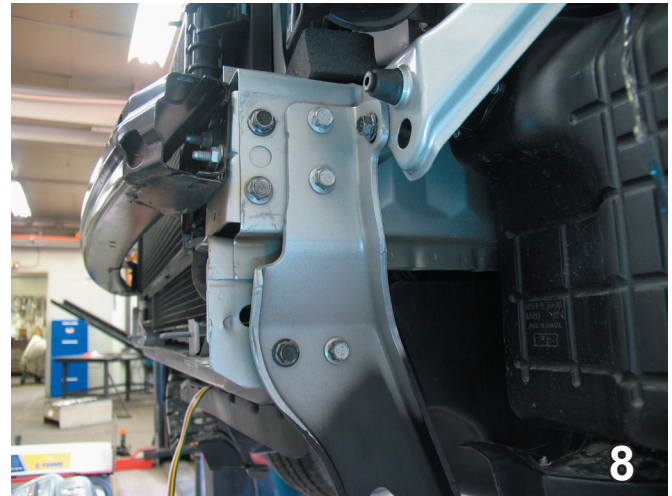
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- On the front center of belly pan, use the 10mm socket to remove one metric bolt. Pull belly pan down to remove. Set bolt and belly pan aside to be reinstalled later.

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.



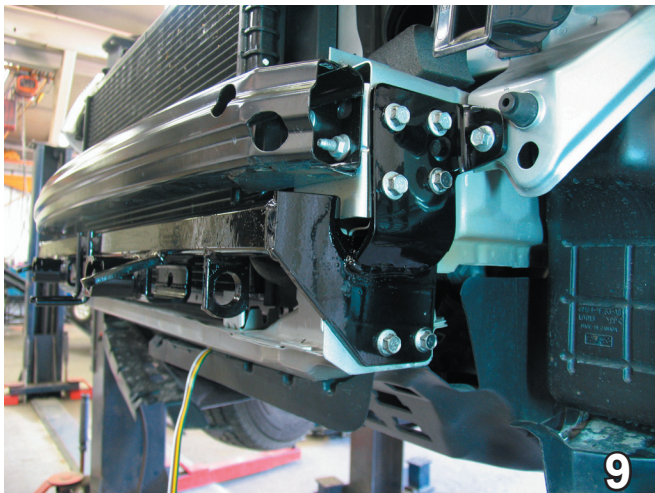
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- Using the 13mm socket, remove seven metric bolts from the frame and tie down bracket. Remove tie down bracket. Do this to both sides of the vehicle. Set bolts aside to be reinstalled later. **NOTE: Tie down bracket is not reinstalled, set aside to be returned to the customer.**

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

DEALER or INSTALLER:

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



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- Align baseplate with the seven existing holes in the frame. Insert the existing bolts into the baseplate and tighten. Do this to both sides of the vehicle.

- Reinstall pushpins, bolts, belly pan and fascia. The tie down brackets are not reinstalled.

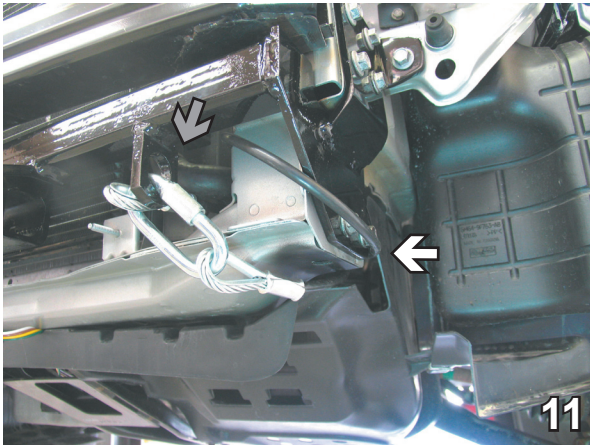
Install the tow bar and safety cables according to the instructions provided in their packages. When demonstrating this to the customer, be sure to include all the contents and packages.

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

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11. 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 permanent baseplate safety cables to frame of the vehicle (see white arrow). If the vehicle has additional options, not shown above, which interfere with mounting the permanent baseplate safety cables, secure the cable to a solid piece of the vehicle's frame as described in the instructions included with the permanent baseplate safety cables.



Customer Service Commitment

Blue Ox® is focused on providing exemplary customer service, as observed in our mission statement and guiding principles. In accordance with this objective, Blue Ox® is proud to provide services such as repairs and general maintenance of Blue Ox® products at over 150 RV Rallies. Look for our Destination America or Blue Ox® Racing service crews at the next rally or race that you attend. If you were not present, you will find an informative, personalized note explaining any services that may have been performed to your Blue Ox® products.

Blue Ox® also offers educational seminars at rallies and through our Park and Resort teams. In addition, Blue Ox® customers visiting our factory may take advantage of the well-equipped Blue Ox® RV park at no charge to you, our valued and appreciated customer.

