



BX2614

2010-12 Ford Fusion (Includes Hybrid) 2011-12 Lincoln MKZ Hybrid Installation Instructions

Please read BOTH these Installation Instructions and the General Instructions before attempting to install or operate 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 necessary and knowledge to do “fit work”.
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 hardware supplied in the hardware kit and existing hardware specified in the Baseplate Installation Instructions.

Attachment Tab Height: 14-3/4”
Attachment Tab Width: 19-1/2”

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

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.

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



BX2614

2010-12 Ford Fusion (Includes Hybrid)

2011-12 Lincoln MKZ Hybrid

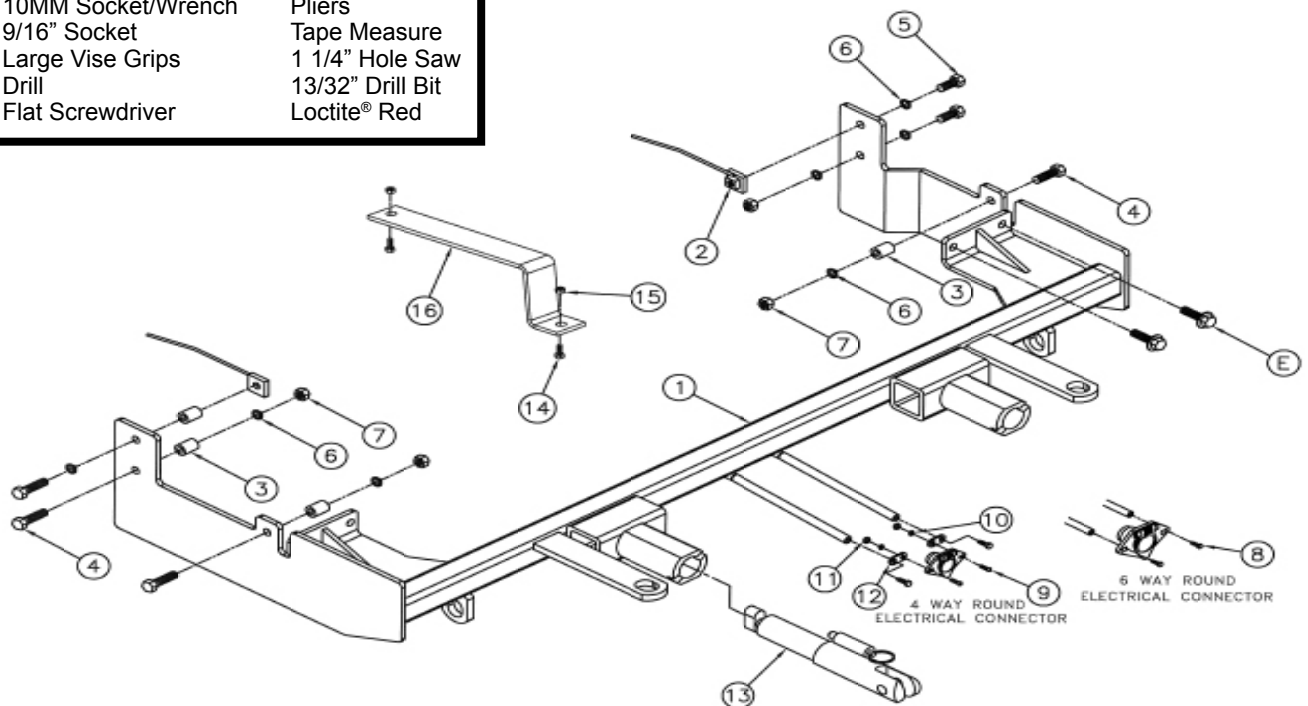
Installation Instructions

Parts List

Ref. No.	Qty.	Part #	Description
1	1	61-6661	Weldment, BP, BX2614
2	2	61-5208	3/8-16 Nut Plate, with 14" Wire
3	6	107-2683	Spacer Tube, 3/4 X .406 (ID)X 1"
4	4	201-0444	3/8-16 X 2 Hex Bolt Grade 5, ZP
5	2	201-0440	3/8-16 X 1 1/2 Hex Bolt, Grade 5, ZP
6	6	203-0010	3/8" Lock Washer, ZP
7	4	202-0090	3/8-16 Hex Nyl. Ins. Lock Nut, ZP
8	2	201-0979	#12-14 x 1" Self Drilling Screw, ZP
9	2	201-0192	#10-32 x 1/2" Slot, Rd. Hd. Screw
10	2	203-0054	#10 Lock Washer
11	2	202-0047	#10-32 Hex Nut
12	2	101-5822	Adapter, 4 Way Connector
13	2	62-3469	Attachment Tab Assembly, Rem, SF/LB, 1 Hole
14	2	201-0050	1/4-20 X 3/4 Hex Bolt, Grade 5, ZP
15	2	202-0102	1/4-20 Hex Nylon Nut, ZP
16	1	102-7177	Breakaway Bracket BX2614
	2	201-0702	6MM-1.00 X 45MM Hex Bolt, Grade 8.8 (Not Shown)
	2	203-0161	6MM, Lock Washer, ZP (Not Shown)
	2	203-0001	1/4 Flat Washer, ZP (Not Shown)
	2	226-0046	Baseplate Safety Cable, 36" CL III (Not Shown)
	2	229-0359	Quicklink, 3/8, ZP (Not Shown)
	2	290-0437	Cap Plug, Black (Not Shown)

Tools Required

7MM Socket	Utility Knife
10MM Socket/Wrench	Pliers
9/16" Socket	Tape Measure
Large Vise Grips	1 1/4" Hole Saw
Drill	13/32" Drill Bit
Flat Screwdriver	Loctite® Red



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.

BX2614
2010-12 Ford Fusion (Includes Hybrid)
2011-12 Lincoln MKZ Hybrid
Installation Instructions

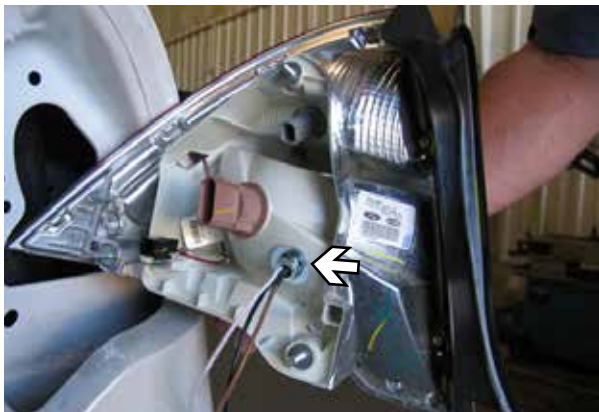
Attachment Tabs: Motorhome mount tow bars are recommended for use with this baseplate. Due to the design of the removable tabs, the RangeFinderII, Adventurer, Acclaim, and Ambassador tow bars can not be used. Adapters, except the BX8833 and BX88151, can not be used with this baseplate.

Installation Notes: The front fascia, plastic bumper cover, air baffle, washer reservoir and bumper guards are removed during installation. Drilling is required. The bumper cover, fascia, air baffle and washer reservoir must be trimmed.

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 Ford Fusion models

The BX8848 4-Diode Wiring Kit is recommended for Lincoln MKZ models



Possible location for the BX8869 Bulb and Socket Wiring Kit.

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

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. Use a 10MM socket to remove two (2) metric bolts from the top of the fascia (white arrows). Remove one (1) push pin from the top of the fascia (gray arrow). Do this to both sides of the vehicle. Set bolts and push pin aside to be reinstalled later.



2. Remove three (3) push pins from the top of the fascia. Do this to both sides of the vehicle. Set push pins aside to be reinstalled later.



3. Just forward of the front tire, inside the wheel well, remove three (3) push pins. Do this to both sides of the vehicle. Set push pins aside to be reinstalled later.

BX2614
2010-12 Ford Fusion (Includes Hybrid)
2011-12 Lincoln MKZ Hybrid
Installation Instructions

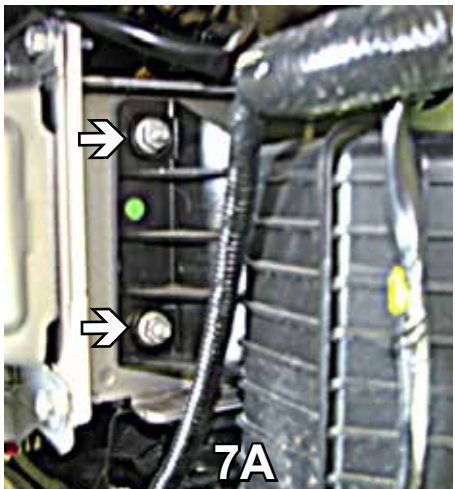


4. **FUSION:** Using a 7MM socket, remove five (5) metric bolts from underneath the front of the fascia.
MKZ: Using a 7MM socket, remove eight (8) metric bolts from underneath the front of the fascia.
Set bolts aside to be reinstalled later.



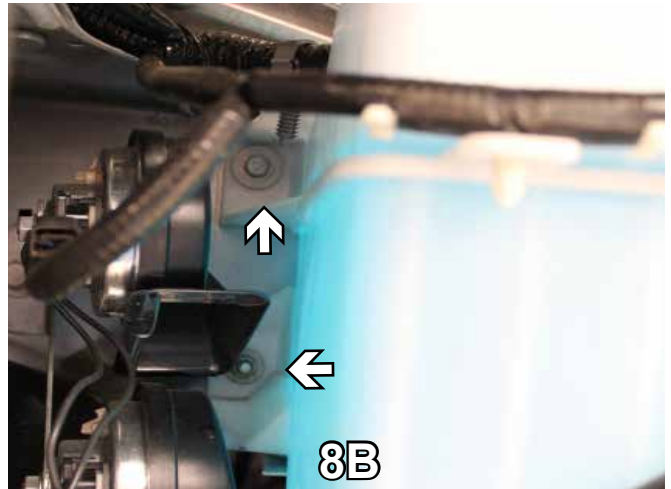
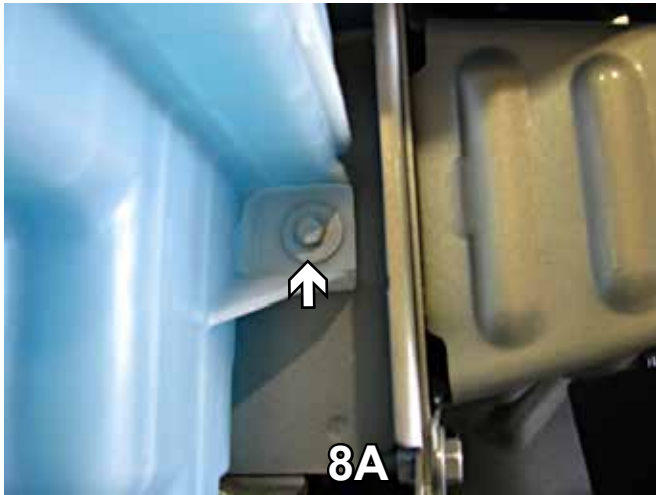
5. **FUSION:** Grab, lift and pull the fascia straight out to remove.
MKZ: Push down on fascia to remove. Using a flat screwdriver, press down on final clip to release (gray arrow) (toward the front by the headlight.) Do this to both sides of the vehicle. Unplug running lights (fog lights). Set fascia aside carefully to be reinstalled later.

6. **FUSION ONLY:** Remove the plastic bumper cover by pushing down on the eight (8) tabs to release. Set the bumper cover aside to be reinstalled later.

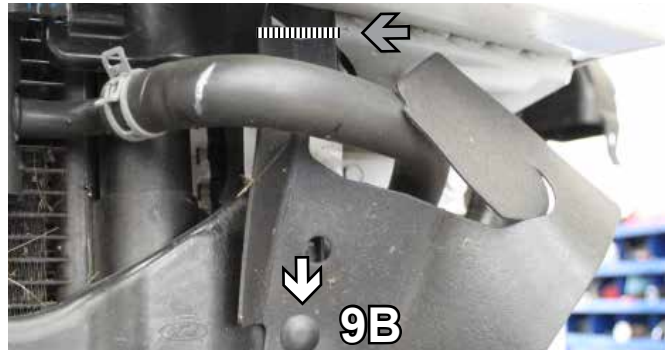


7. On the driver side, using a 13MM socket, remove the three (3) metric bolts from the air baffle, two (2) in the front (7A) and one (1) in the back (7B). **MKZ ONLY:** By the battery, using a flat screw driver, unhook clamp to air baffle and unplug electrical connection (7C). Set the air baffle aside to be reinstalled later.

BX2614
2010-12 Ford Fusion (Includes Hybrid)
2011-12 Lincoln MKZ Hybrid
Installation Instructions

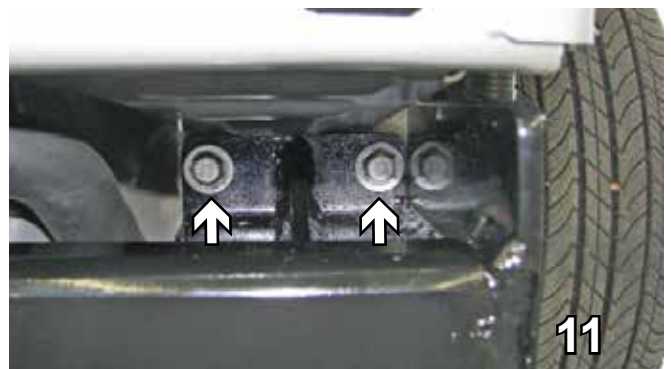


8. On the passenger side using a 10MM socket, remove three (3) metric bolts from the washer reservoir, one (1) on the right side (see 8A) and two (2) on the left (8B). Disconnect the hoses and electrical, plug the hoses. Set washer reservoir and bolts aside to be reinstalled later.



9. **FUSION ONLY:** On the bottom side of the plastic bumper cover, using a utility knife, notch out the corner. Go over 1", then up, across and back. Do this to both sides.

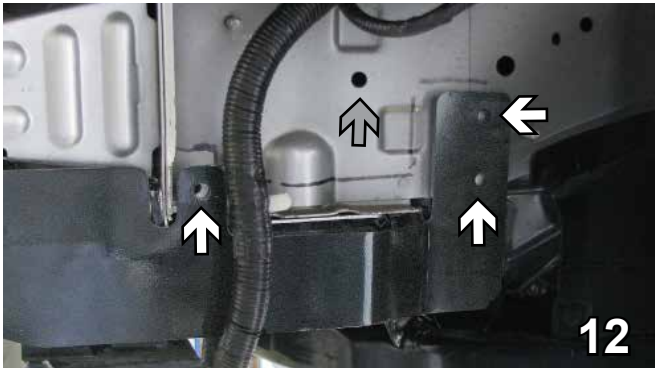
9. **MKZ ONLY:** On the bottom side of the metal bumper, remove one (1) push pin from the bumper guard (white arrow). Using a utility knife, cut bumper guard even with metal bumper and remove (gray arrow). Do this to both sides - the bumper guards will not be reinstalled.



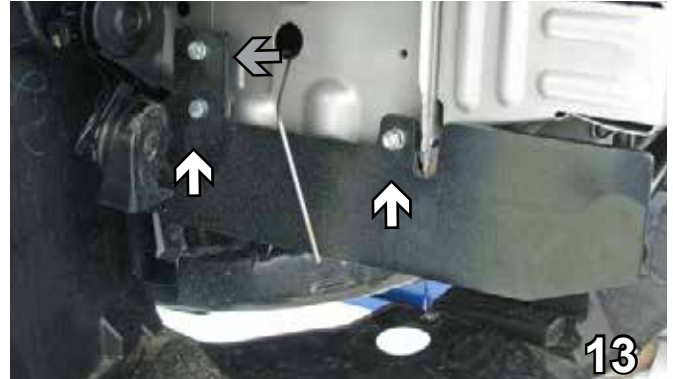
10. Using a 13MM socket, remove two (2) bolts from underneath the bumper. Do this to both sides. Set the bolts aside to be reinstalled later.

11. Slide the baseplate up into place, start the two 92) existing bolts. Do this to both sides of the vehicle.

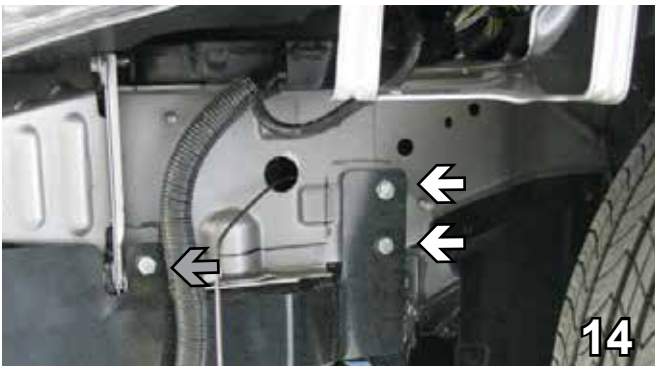
BX2614
 2010-12 Ford Fusion (Includes Hybrid)
 2011-12 Lincoln MKZ Hybrid
 Installation Instructions



12. Be sure the baseplate is level with respect to the vehicle frame. Using the baseplate as a template with the 13/32" drill bit, drill three (3) holes on the side (white arrows) (make sure baseplate bracket does not bend). Using the 1-1/4" hole saw, drill a hole so that nut plates may be inserted into the frame (gray arrow). Do this to both sides of the vehicle.



13. On the passenger side, insert 3/8"-16 x 2" hex bolts in all holes, 1" spacers are placed between the baseplate and the frame for each hole. The front hole and the bottom back hole have 3/8" lock washers with 3/8-16 hex nuts (white arrows). The top back hole has the 3/8" lock washer on this side and a 3/8"-16 nut plate inserted into the drilled hole (gray arrow). Be sure to use Loctite Red on all the bolts.



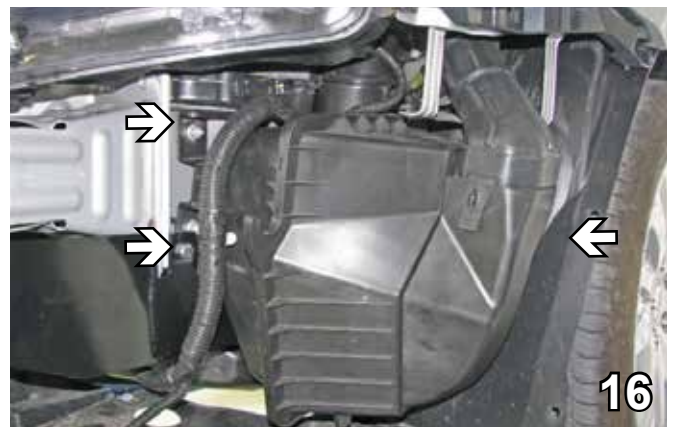
14. On the driver side, insert 3/8"-16 x 2" hex bolt in the front hole (gray arrow), a 1" spacer is placed between the baseplate and the frame, 3/8" lock washer with 3/8"-16 hex nut. The back holes (white arrows) have 3/8-16 x 1-1/2" hex bolts. The bottom back hole has 3/8" lock washer with 3/8"-16 hex nut. The top back hole has the 3/8" lock washer on this side and a 3/8"-16 nut plate inserted into the drilled hole. Be sure to use Loctite Red on all the bolts.



15. On the driver side, trim the corner of the air baffle up to the rubber as shown.

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.

When using power drills be aware of the dangers of torque and drill bit length.

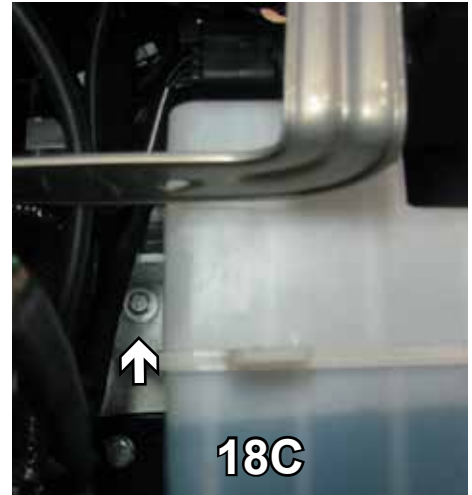


16. Reattach the air baffle and electrical connection. (Photo shown at right)

BX2614
2010-12 Ford Fusion (Includes Hybrid)
2011-12 Lincoln MKZ Hybrid
Installation Instructions



17. Attach the permanent baseplate safety cables to the provided convenience link on the baseplate (gray arrow). The photo to the left shows the recommended installation of the cables to frame of vehicle (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.

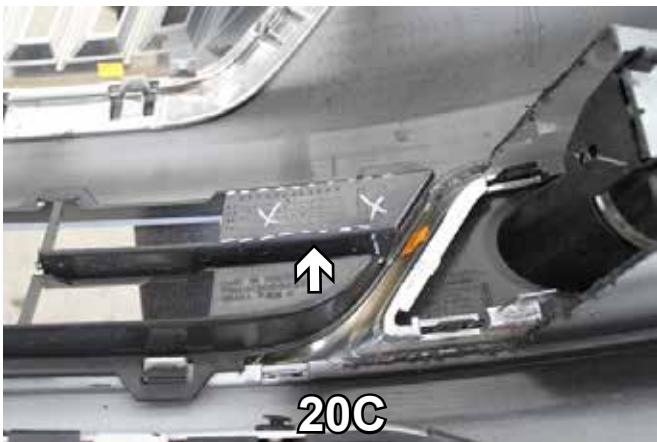
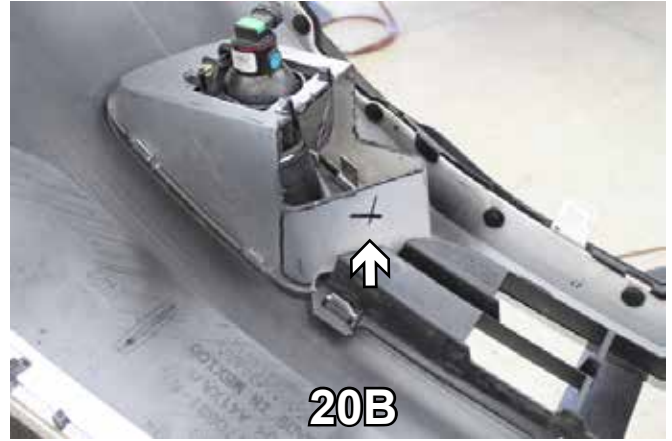
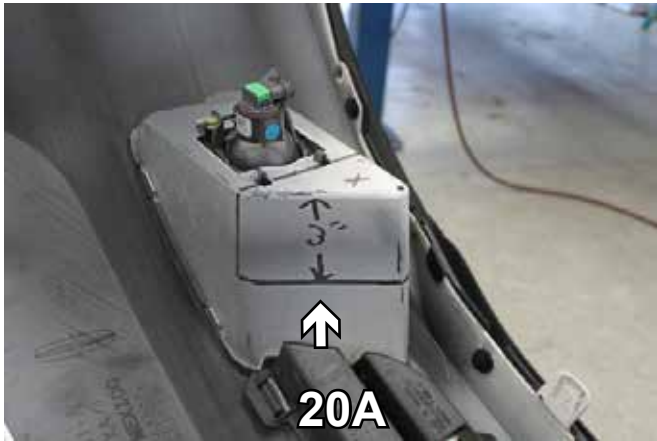


18. Using a utility knife, cut the tab off of the washer reservoir (18A) - Do not cut into the washer reservoir tank because leaking will occur. Reinstall the washer reservoir. Use 6MM-1 x 45MM hex bolts with 6MM lock washers and 1/4" flat washers. Insert 1" spacers between the washer reservoir and the frame for each hole. Reconnect the hoses and the electrical. **FUSION ONLY:** Reinstall the plastic bumper cover. Tighten all bolts completely.

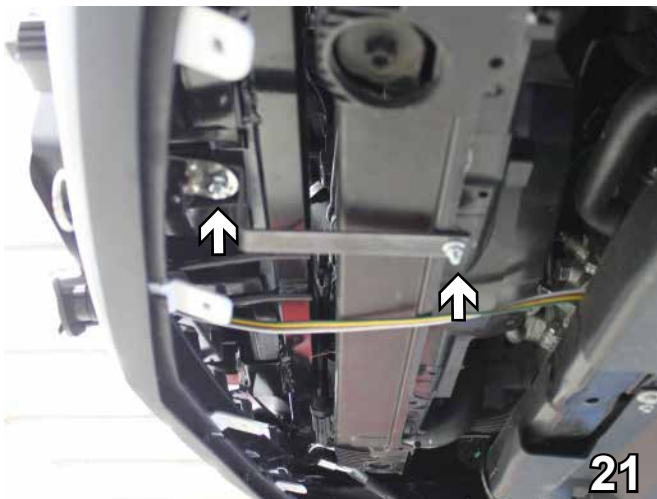
19. **FUSION ONLY:** Using a utility knife, on the back side of the fascia, cut out the first long top rib. Do this to both sides of the fascia. Reinstall the fascia.



BX2614
2010-12 Ford Fusion (Includes Hybrid)
2011-12 Lincoln MKZ Hybrid
Installation Instructions



20. **MKZ ONLY:** Using the utility knife, on the back side of the fascia, cut out the fog light enclosure as shown in 20A. Again, using the utility knife, cut the additional piece from the fog light enclosure as shown in 20B. On the inside of the front fascia, trim the area marked in 20C. Do these steps for both sides of the vehicle. A picture is shown in 20D of the completed trimming. Reconnect fog lights and reinstall fascia.



21. **OPTIONAL:** Mount breakaway bracket underneath fascia (as shown in picture to the left). Position it half-way between electrical rods and the convenience link of the baseplate. Install using 1/4"-20 x 3/4" hex bolt, 1/4"-20 hex nylon nut, and #10-16 x 1" drilling screw.

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.

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.

BX2614
2010-12 Ford Fusion (Includes Hybrid)
2011-12 Lincoln MKZ Hybrid
Installation Instructions



FUSION: Shown without removable tabs installed.



FUSION: Shown with removable tabs installed.



MKZ: Shown without removable tabs installed.



MKZ: 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.



General Information

1. 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.
2. It is the owner's responsibility to hook up all towing equipment per manufacturer's instructions/ recommendations.
3. 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

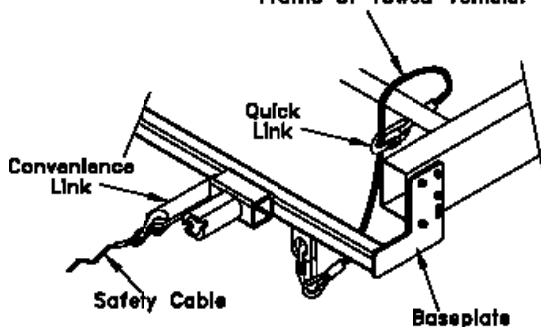
Permanent baseplate safety cables are strongly recommended when towing a vehicle with a tow bar. The principle function of the permanent baseplate safety cables is to prevent the towed vehicle from breaking loose in the event the connection between the frame of the towed vehicle and the baseplate fails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

Permanent Baseplate Safety Cables to Cross Member or Frame of Towed Vehicle.



OPTION #2

Permanent Baseplate Safety Cables to Cross Member or Frame of Towed Vehicle.

