



# BLUE OX® 2008-2013 Buick Enclave Installation Instructions

**BX1513**

Serial Number

**Attachment Tab Height: 16-1/4"**

**Attachment Tab Width: 21-3/4"**

**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". 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.
- 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.

<b>Bolt Torque Specifications</b>		
Torque in Foot-Pounds for Metric Bolts		
<b>Bolt Size</b>	<b>Grade 8.8</b>	<b>Grade 10.9</b>
6Mm	6	8
8Mm	16	22
10Mm	31	40
12Mm	54	70
14Mm	89	117



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.**

<b>Bolt Torque Specifications</b>		
Torque in Foot-Pounds for Inch Bolts		
<b>Bolt Size</b>	<b>Grade 5</b>	<b>Grade 8</b>
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.

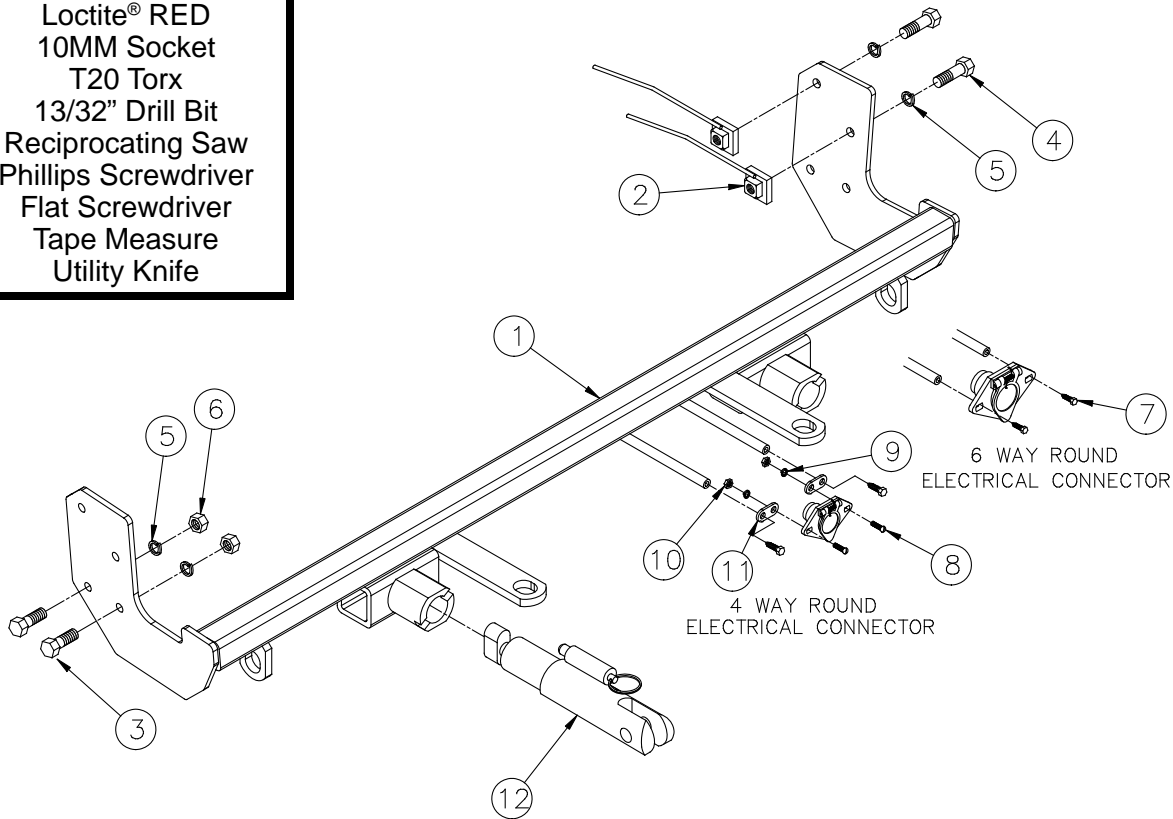
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## Parts List

Ref. No.	Qty.	Part #	Description
1	1	61-6413	Weldment, Baseplate, BX1513
2	4	61-5208	Wldt, Nut Plate, 1/4 x 1 x 1, 3/8" with 14" Wire
3	4	201-0443	3/8-16 x 1 Hex Bolt, Grade 5
4	4	201-0440	3/8-16 x 1 1/2 Hex Bolt, Grade 5
5	8	203-0010	3/8 Lock Washer, ZP
6	4	202-0003	3/8-16 Hex Nut, ZP
7	2	201-0553	1/4-20 x 1/2 Hx.Wshd.Type F TCS, ZP
8	2	201-0192	10-32 x 1/2 Slot, RD. HD. Screw
9	2	203-0054	#10 Lock washer
10	2	202-0047	#10-32 Hex Nut
11	2	101-5822	Adapter, 4 Way Connector
12	2	62-3468	Attachment Tab Assy, REM, SF/SB, 1 Hole
	8	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	Receiver, Cap Plug, Black (Not shown)

### Tools Required

Loctite® RED  
10MM Socket  
T20 Torx  
13/32" Drill Bit  
Reciprocating Saw  
Phillips Screwdriver  
Flat Screwdriver  
Tape Measure  
Utility Knife



### 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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**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, horn and windshield fluid reservoir are removed for installation. The air dam and fascia are trimmed. Drilling is required.

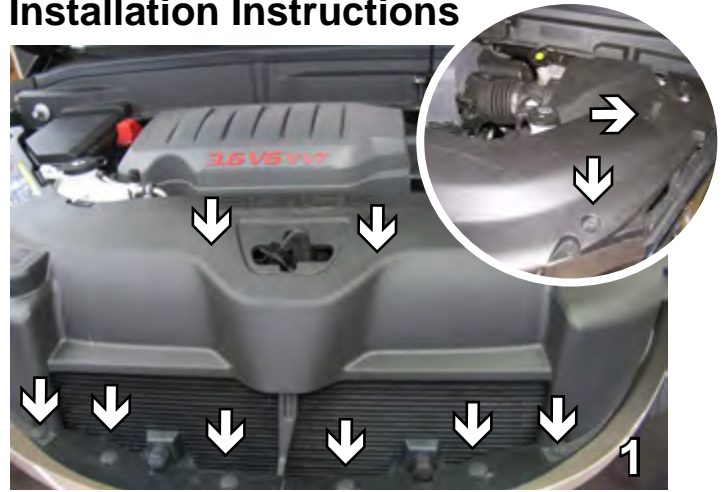
The dimensional variations between otherwise identical vehicles can be considerable. While the baseplate was designed for easy installation, it may be necessary to tailor the baseplate slightly to compensate for auto manufacturer's tolerances. These minor adjustments may include filing a hole slightly, bending electrical rods or bending end plates.

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



Possible location for the BX8869 Bulb and Socket Wiring Kit

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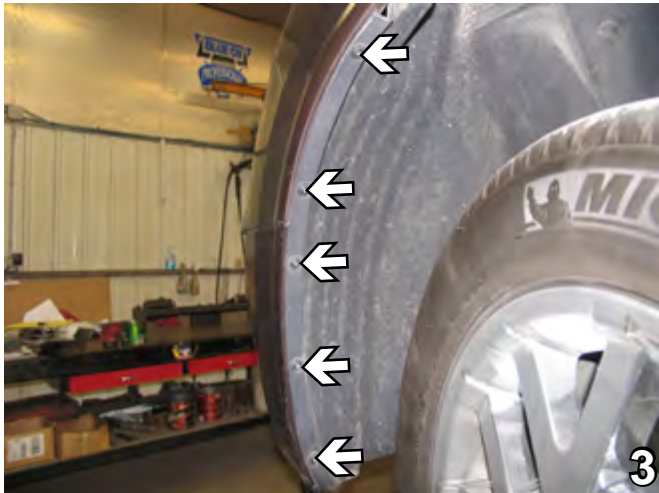
1. Remove twelve (12) push pins from the plastic piece covering the top of the under carriage with a flat screwdriver. There are two (2) push pins on each outer edge of the vehicle (see insert). Also, remove six (6) additional push pins from the bottom segment of the fascia. Remove push pins and set aside for later reinstallation.



2. Using a Phillips screwdriver, remove a screw connecting the fascia near the headlight. Do this to both sides and set aside bolts for reinstallation later.

**NOTE:** On 2012 models this requires the use of a T20 Torx instead of a Phillips screwdriver.

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3. Remove five (5) Phillips screws just forward of the front tire, on the edge of fascia with a Phillips screwdriver. Do this to both sides of the vehicle. Set pushpins aside to be reinstalled later.

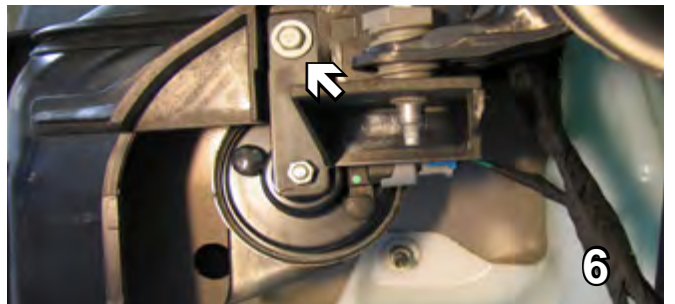
**NOTE:** On 2012 models this requires the use of a T20 Torx instead of a Phillips screwdriver.



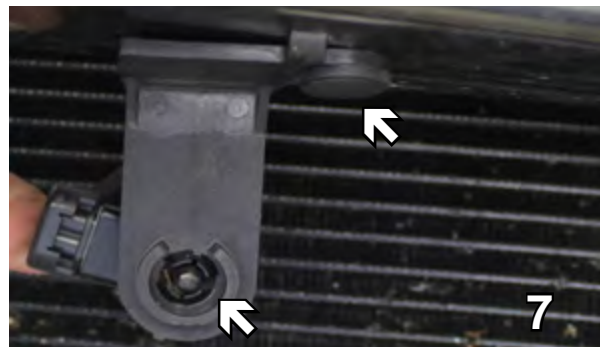
4. On 2012 models only: Once the previous step has been completed, gently pull the wheel well liner back and unclip the two (2) clips to loosen the outer trim.



5. Remove two (2) Phillips screws from under the fascia with a screwdriver. Using a 10MM socket, also remove the hex bolt from under the fascia (gray arrow). Do this to both sides. Pull fascia corners to the side of vehicle to release, then pull fascia forward and set fascia aside carefully for later reinstallation along with bolts. Remove the temperature sensor from the top of the bumper. It will be relocated.

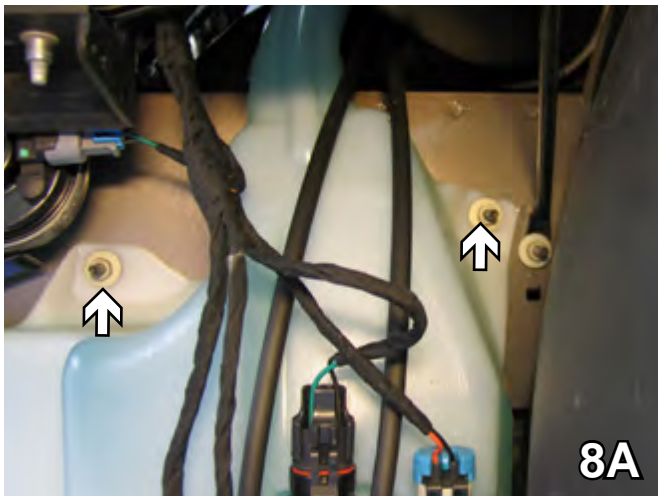


6. Using a 10MM socket, remove the hex bolt holding the horn to the frame rail. Remove the horn and bolt and set aside for later reinstallation. Do this to both sides.

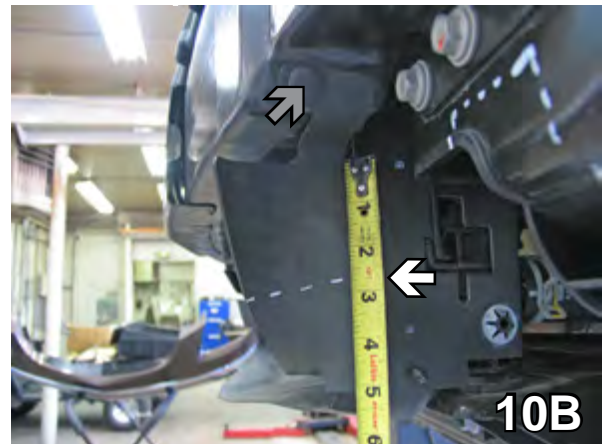
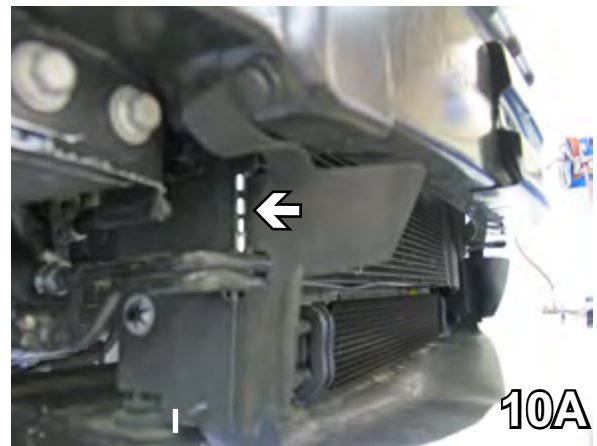
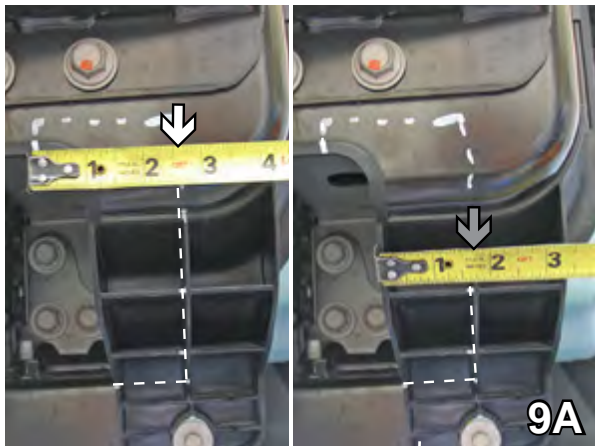


7. On 2012 models only: The temperature sensor will need to be temporarily removed. Squeeze the button in the front to release. Using a flat screwdriver, remove the push pin on top. The temperature sensor will be relocated after the baseplate has been installed.

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8. Using a 10MM socket, remove three (3) hex bolts holding the windshield fluid reservoir. Disconnect fluid and electrical lines, set aside bolts and reservoir until later reinstallation.



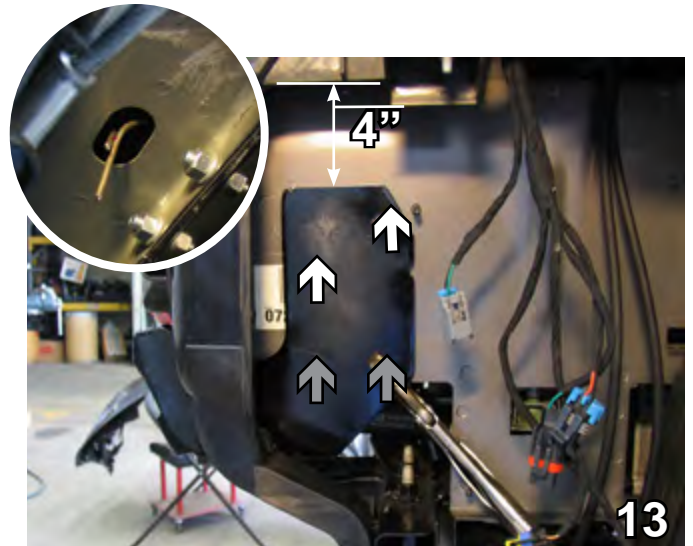
6. Mark 2-1/2" across the top of the frame rail front from middle rib just below bumper and 1-5/8" across bottom; cut and remove with a reciprocating saw (white arrow). When cutting across 1-5/8", make it flush with the middle rib and the bottom of the frame rail (gray arrow). Do this to both sides.

10. On driver's side, remove one (1) push pin from air dam and measure 2-3/4" down and measure across the dam straight. Remove marked portion. On the passenger's side, remove one (1) plastic push pin and measure from the top of the air dam to the coolant line hole that has already been cut. Remove the top half.

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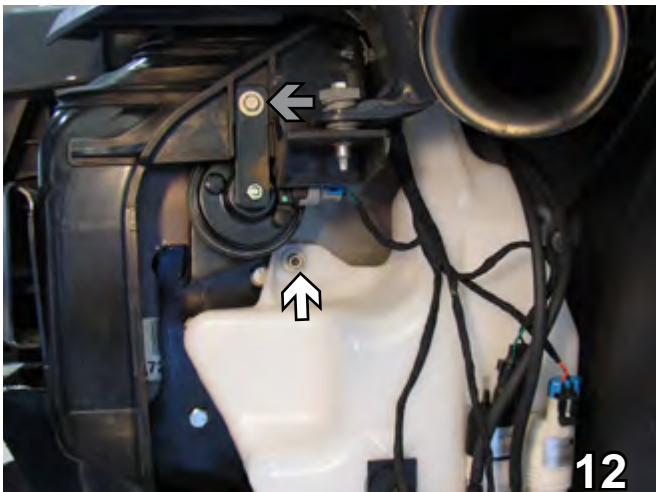


11. Slide the baseplate up and as far back as possible (gray arrow) to meet the frame rail through the portions just cut and removed. There should be approximately 2" inches from the outside edge of the baseplate to the frame rail to allow for proper clearance (see insert). The lower hole of baseplate needs to be placed in the middle of the lower frame webbing. Clamp the baseplate to the frame rail with large vise grips.



13. Once the baseplate is secure, measure 4" down from the frame rail as shown in the above picture to confirm baseplate is in its correct position.

Always ensure baseplate is level. Using the baseplate as a template, with a 13/32" drill bit, drill all holes. Insert nut plate into opening in the bottom of frame rail to align with the top holes then tighten 3/8"-16 x 1-1/2" hex bolt and 3/8" lock washer. Place a 3/8"-16 x 1" bolt, lock washer and hex nut on bottom two (2) holes (gray arrow). Do this to both sides.

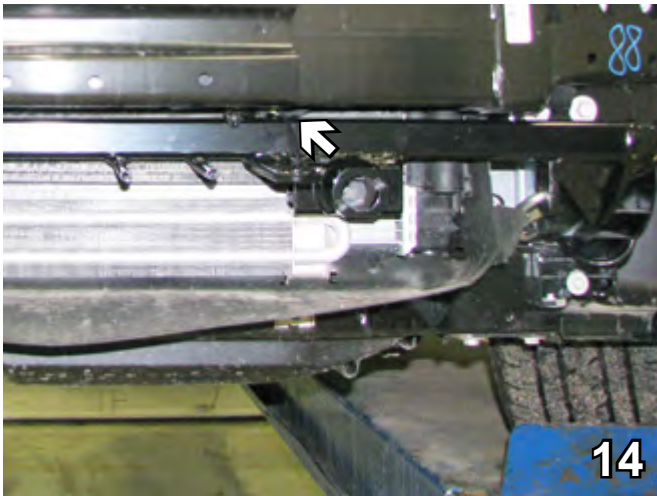


12. Reattach the water reservoir to the vehicle. When replacing the top left bolt, place eight (8) washers behind the water reservoir to give it proper leverage. Also reinstall horn with existing bolt (gray arrow).

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

**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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14. Reattach the temperature sensor to the top of the baseplate with a cable tie.



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



15. Hold fascia as close to its original position as possible and trim affected areas so receiver for attachment tab and convenience links for safety cables comes through lower grill. Reinstall fascia, pushpins and bolts.

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

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.

**DEALER or INSTALLER:**

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

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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.

**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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