

Serial Number

Please read and **BOTH** these Installation Instructions and the General Towing Instructions before attempting to install or operate this

- 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.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 hardware supplied in the hardware kit or existing hardware specified in the Baseplate Installation Instructions.

Attachment Tab Height: 15”  
Attachment Tab Width: 22”

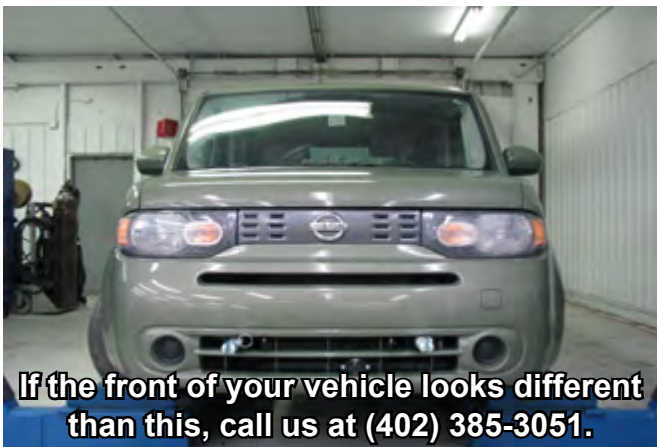
**Bolt Torque Specifications**  
Torque in Foot-Pounds for Metric Bolts

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



**⚠ 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.

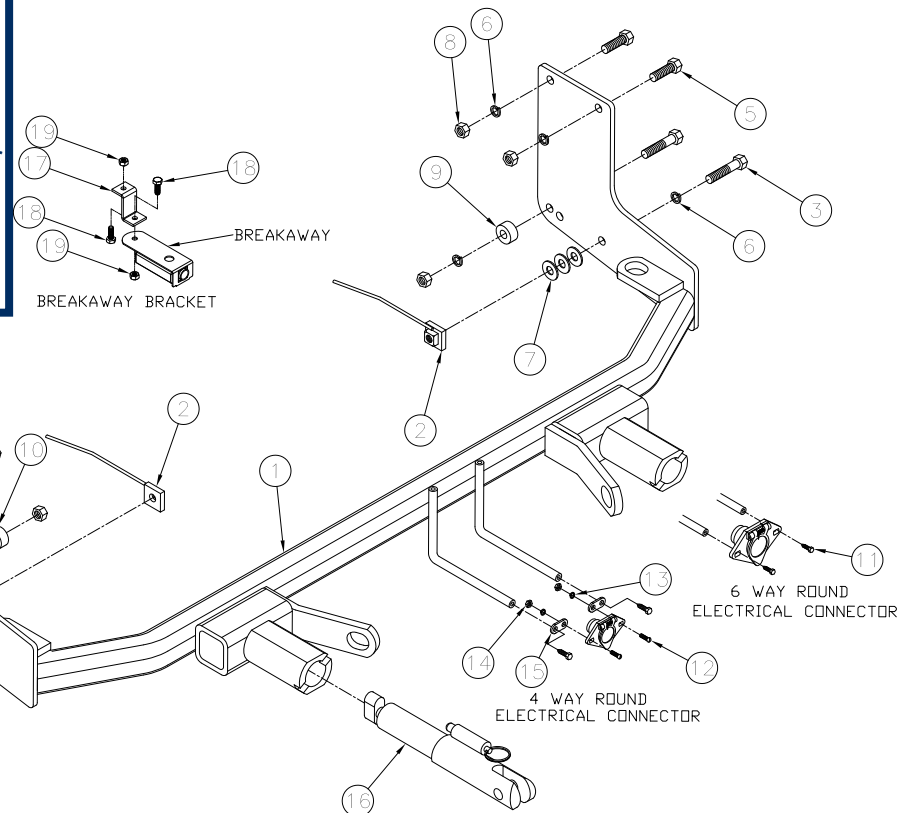
BX1844  
2009-12 Nissan Cube S/SL/KROM  
(No Foglights) Installation Instructions

**Parts List**

Ref. No.	Qty.	Part #	Description
1	1	61-6709	WLDMT, BP, BX1844
2	2	61-5208	WLD, NUT PLT, 1/4X1X1, 3/8"/14"WIRE
3	3	201-0444	3/8-16 X 2 HEX BOLT GRADE 5 ZP.
4	1	201-0440	3/8-16 X 1 1/2 HEX BOLT, GRD.5, ZP
5	4	201-0368	3/8-16 X 1 1/4 HEX HEAD BOLT,GRD. 5
6	8	203-0010	3/8 LOCK WASHER, ZP
7	3	203-0005	1/2 FLAT WASHER, ZP
8	6	202-0090	3/8-16 HEX NYL. INS. LOCK NUT, ZP
9	1	107-3117	SPACER TUBE, 3/4OD X .406 ID X 1/2"
10	1	107-3038	SPACER, 3/4 OD(.406 ID) X 5/8"
11	2	201-0553	1/4-20 X 1/2 HX.WSHD.TYPE F TCS, ZP
12	2	201-0192	10-32 X 1/2 SLOT, RD. HD. SCREW
13	2	203-0054	#10 LOCK WASHER
14	2	202-0047	#10-32 HEX NUT
15	2	101-5822	ADAPTER, 4 WAY CONNECTOR
16	2	62-3469	ATT TAB ASSY, REM, SF/LB, 1 HOLE
17	1	102-7115	BREAKAWAY BRKT, BX1844
18	2	201-0050	1/4-20 X 3/4 HEX BOLT GRD.5, ZP
19	2	202-0102	1/4-20 HEX NYL NUT, ZP
	2	226-0046	BASEPLATE SAFETY CABLE, 36" CL III (Not Shown)
	4	229-0359	QUICKLINK, 3/8, ZP (Not Shown)
	2	290-0437	RECEIVER, CAP PLUG (BLK) (Not Shown)

**Tools Required**

10mm Socket	Drill
12mm Socket	Flat Screw Driver
14mm Socket	Phillips Screw Driver
9/16" Socket/Wrench	Utility Knife
Large Vice Grips	13/32" Drill Bit
Reciprocating Saw	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.

BX1844  
2009-12 Nissan Cube S/SL/KROM  
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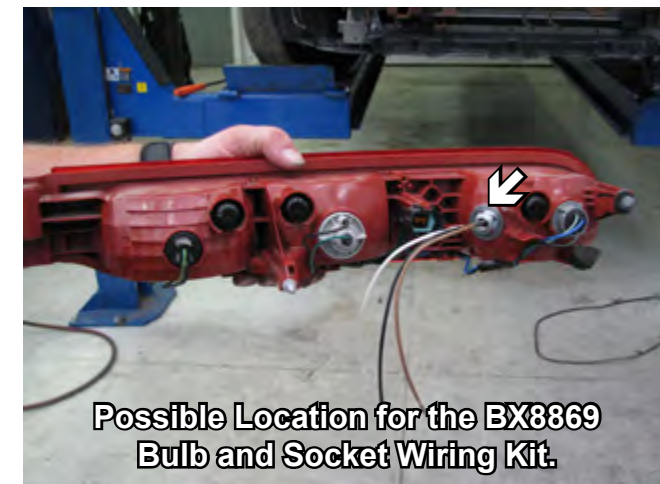
**Attachment Tabs:**

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

**Installation Notes:** The radiator cover, fascia, styrofoam bumper, washer reservoir, metal bumper and headlights are removed for installation. Trimming of the air dams and frame rail webbing is required. 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.



**Installation Instructions:**



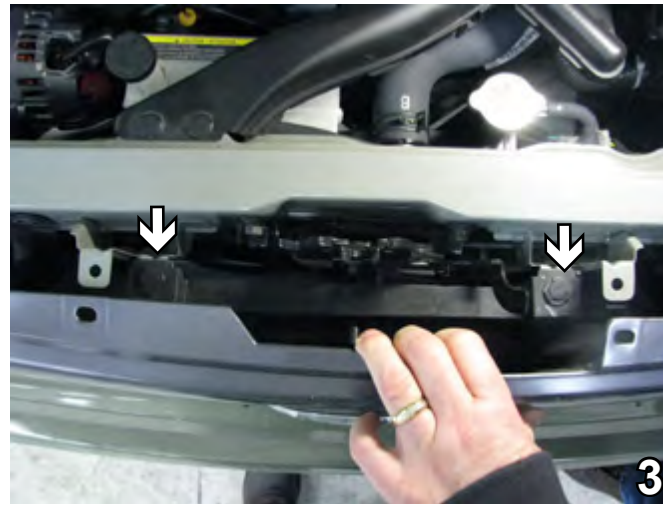
1. Remove two pushpins from the top of the fascia. Set pushpins aside to be reinstalled later.



2. On top insert a screw driver directed toward the passenger side. Pull back to release the bracket.

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

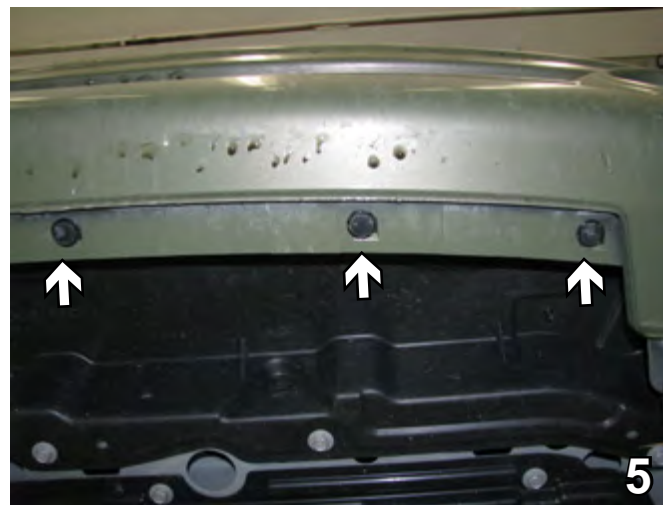
## 2009-12 Nissan Cube S/SL/KROM (No Foglights) Installation Instructions



3. Remove two pushpins from the fascia. Set pushpins aside to be reinstalled later.



4. Remove two metric bolts (white arrows) and a push pin (gray arrow) from the lower corner of fascia on the driver side, using the 10mm socket. On the passenger side, remove the three metric bolts. Set bolts and push pin aside to be reinstalled later.



5. Remove three pushpins from the lower front edge of fascia. Do this to both sides of the vehicle. Set pushpins aside to be reinstalled later.



6. Push wheel well cover aside to remove one metric bolt using the 10mm socket. Do this to both sides of the vehicle. Lift fascia up and out to remove. Pull styrofoam bumper forward to remove from front of metal bumper. Set fascia, styrofoam bumper and bolts aside carefully to be reinstalled later.

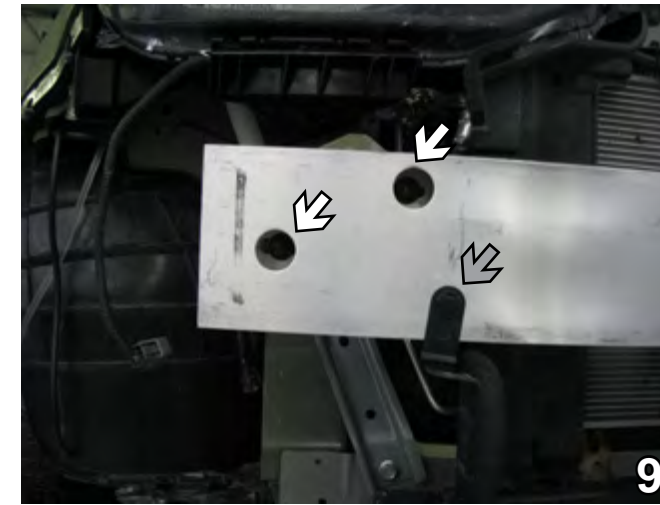
## 2009-12 Nissan Cube S/SL/KROM (No Foglights) Installation Instructions



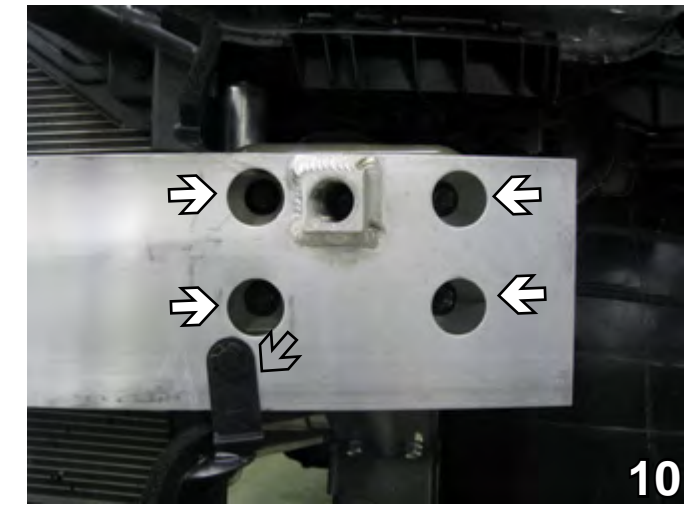
7. On the passenger's side using the 10mm socket, remove one metric bolt from the washer reservoir's lower bracket. Disconnect electrical connection from the washer reservoir. Disconnect and plug the tubes from the reservoir.



8. Remove one metric bolt from the washer reservoir's upper bracket (see white arrow) using the 10mm socket. Disconnect the fill tube from the top of reservoir (see grey arrow). Remove washer reservoir. Set bolts and reservoir aside to be reinstalled later.

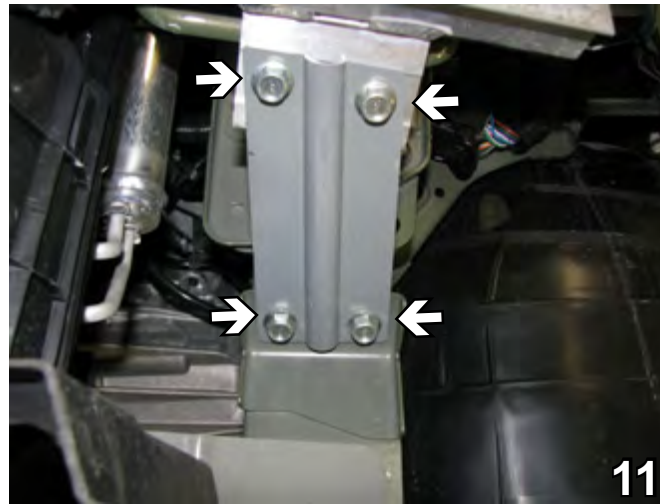


9. On the passenger side, using the 12mm socket remove the two metric bolts. Remove one pushpin from metal bumper (see grey arrow). Set bolts and pushpin aside to be reinstalled later.



10. On the driver's side, remove four metric bolts and the pushpin. Set bolts and pushpin aside to be reinstalled later.

BX1844  
 2009-12 Nissan Cube S/SL/KROM  
 (No Foglights) Installation Instructions



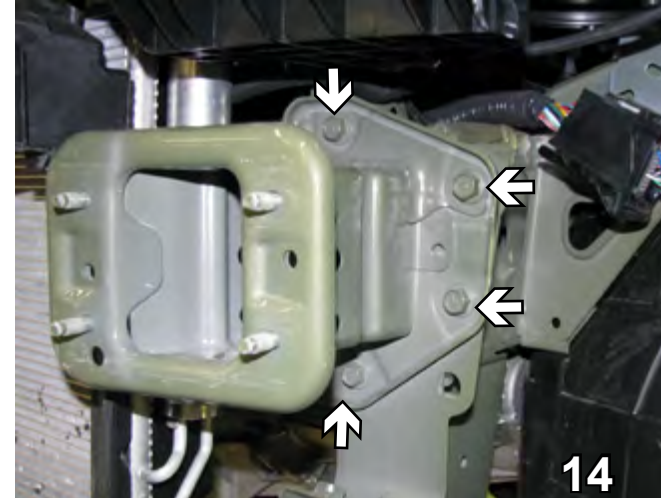
11. On the driver side, using the 14mm socket, remove four bolts under the bumper. Set the bumper and bolts aside to be reinstalled later.



12. On the driver's side using the utility knife, cut down the air dam at the slit. Remove the cut portion of the air dam.

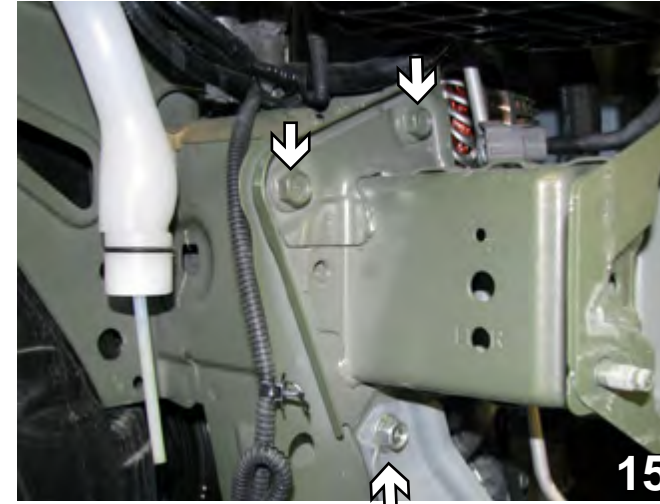


13. On the passenger's side, using the utility knife, cut down the air dam at the slit. Remove the cut portion of the air dam.

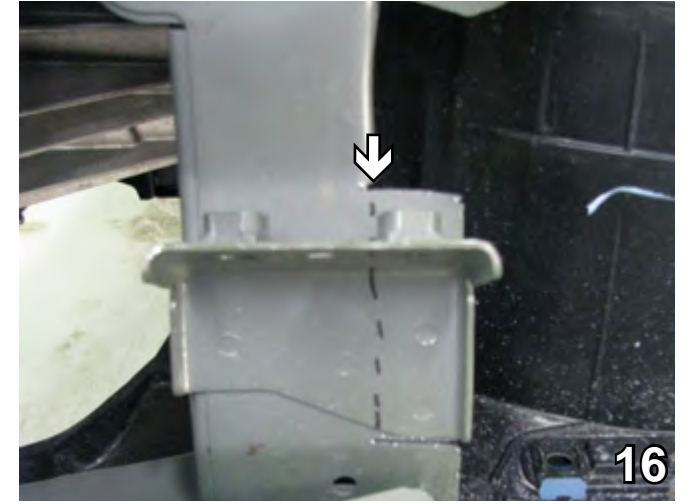


14. On the driver's side, using the 14mm socket, remove the four metric bolts from the bumper bracket (see white arrows). Set bolts aside to be reinstalled later.

BX1844  
 2009-12 Nissan Cube S/SL/KROM  
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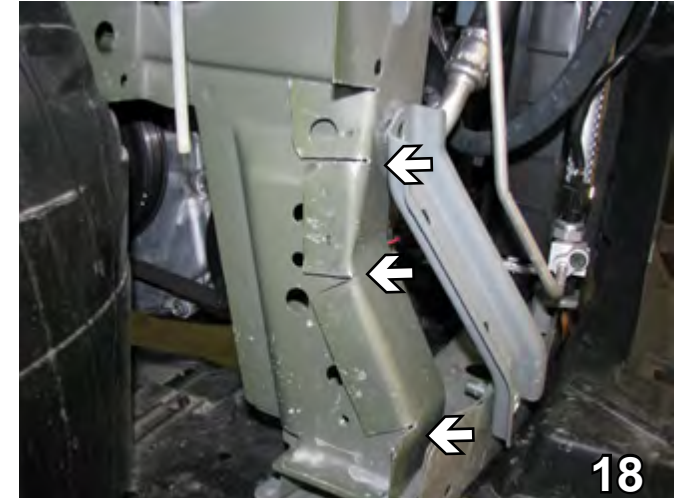
15. On the passenger's side, using the 14mm socket, remove three metric bolts from the bumper bracket. Pull metal bumper forward to remove. Set bolts and bumper aside to be reinstalled later.



16. On the driver's side, using the reciprocating saw, cut the webbing to the frame rail. Cut and remove the nut.

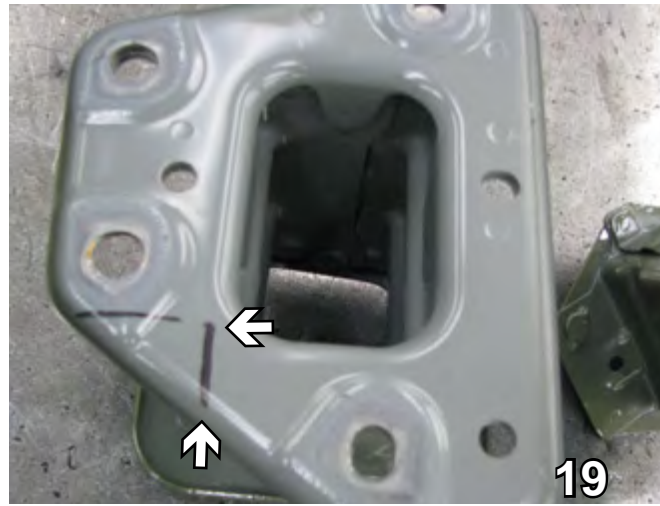


17. On the driver's side, using the reciprocating saw, cut off the bolt which was behind the piece removed in step 15. Flatten all sections flush against the frame rail with hammer.

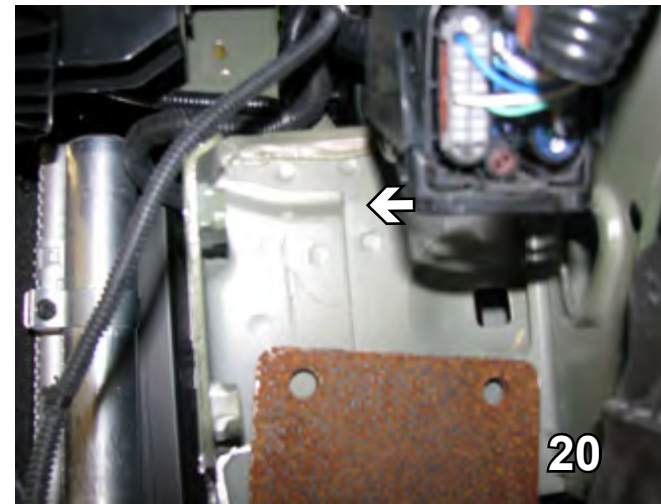


18. Cut the lower portion of webbing where it begins to angle down (see white arrow). Using the reciprocating saw, cut from the webbing of the frame rail. Flatten this section (above the cut, not below it) flush against the frame rail with a hammer. Do this to both sides of the vehicle.

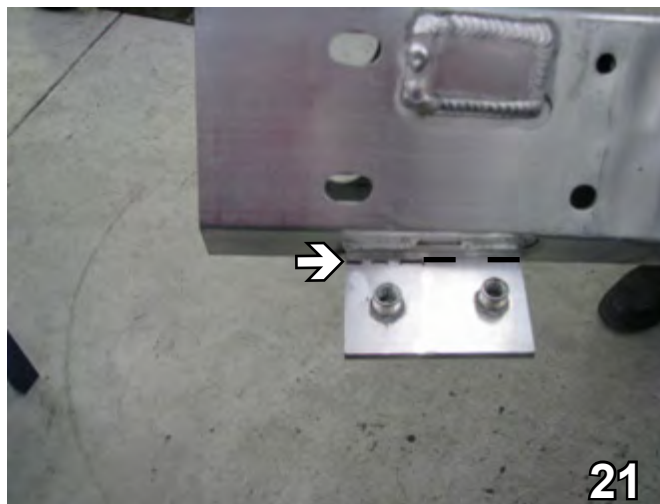
# 2009-12 Nissan Cube S/SL/KROM (No Foglights) Installation Instructions



19. Put extensions back on, mark area to be removed, as indicated by the black marks. Using the reciprocating saw, cut the notches out of the extensions. Do this to both sides of the vehicle.



20. On the driver's side, flatten the ridge flush against the frame rail with the hammer.



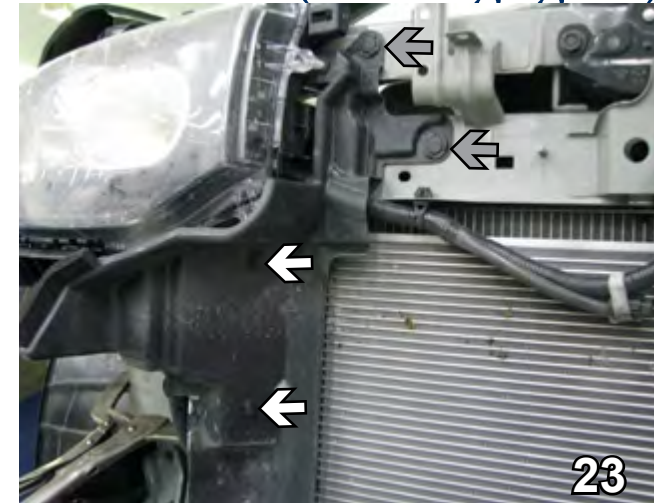
21. On the back side of the metal bumper, driver's side only, remove the entire tab.



22. On the driver's side, use the 10mm socket to remove the screw holding the electrical box mechanism. Move the screw up higher out of the way of drilling and reattach.

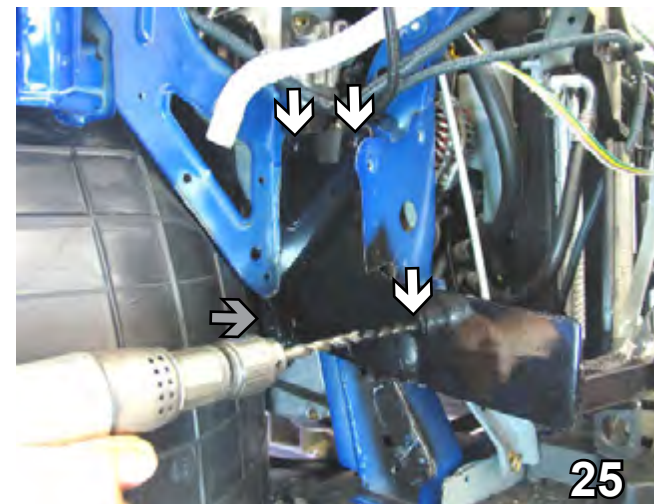
**BE SURE TO USE LOCTITE® RED ON ALL BOLTS BEFORE TIGHTENING. TIGHTEN ALL BOLTS ACCORDING TO THE TORQUE CHART ON THE FRONT PAGE OF THESE INSTRUCTIONS OR ON PAGE 3 OF THE BASEPLATE TOWING GENERAL INSTRUCTIONS.**

# 2009-12 Nissan Cube S/SL/KROM (No Foglights) Installation Instructions

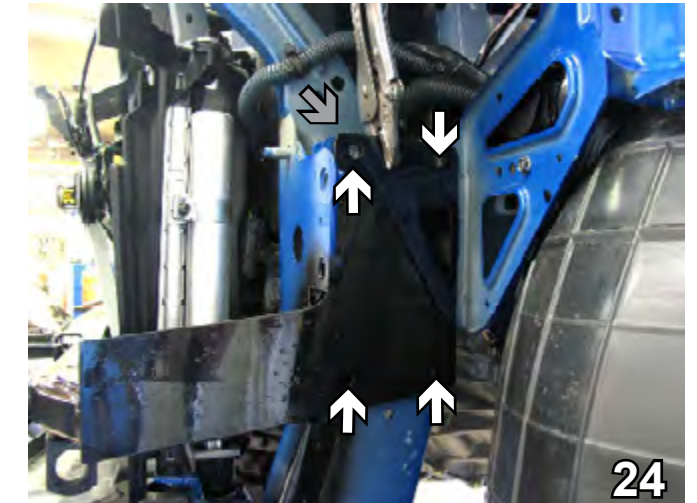


23. On the passenger's side, remove the two push pins (gray arrows). Squeeze the two clips (white arrows) to release the plastic guard. This will allow access to the opening for inserting the nut plates.

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



25. On the passenger's side, use the baseplate as a template to drill three holes into the frame rail with the 13/32" drill bit (lower back hole is not used, gray arrow). Insert one 3/8-16 nut plate through frame opening and align to bottom drilled hole. Install 3/8-16 x 1 1/4" bolt with 3/8" lock washer and tighten. In upper holes, install 3/8-16 x 1 1/4" bolts with 3/8" lock washers and 3/8-16 hex nuts and tighten to specs.



24. Align the top front edge of the baseplate with the top of the frame rail (see grey arrow) and pull the baseplate as far forward as possible. The top back edge of baseplate will dip slightly below the top of the frame rail. Clamp baseplate into place using the vise grips. Do this to both sides of the vehicle. On the driver's side, use the baseplate as a template to drill four holes (see white arrows) into the frame rail with the 13/32" drill bit.



26. On the driver's side, insert one 3/8-16 nut plate through frame opening and align to lower front hole. Install 3/8-16 x 1 1/4" bolt with 3/8" lock washer and tighten (see grey arrow). Install 3/8-16 x 1 1/4" bolt to lower back hole (see white arrow) with three 3/8" flat washers, 3/8" lock washer and 3/8-16 hex nut and tighten. In upper holes, install 3/8-16 x 1 1/4" bolts with 3/8" lock washers, 3/8-16 hex nuts and tighten to specs.

# 2009-12 Nissan Cube S/SL/KROM (No Foglights) Installation Instructions

27. Reinstall the metal bumper, washer reservoir, styrofoam bumper, fascia, radiator cover, pushpins and bolts.



29. 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.

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.



28. Hold the breakaway bracket up to the bottom of the bumper, flush to the back edge and align as close to the center of the vehicle as possible. Mark and drill a hole in the bumper with the 9/32" drill bit. Install the breakaway bracket using 1/4-20 x 3/4" bolt and 1/4-20 nut. Attach the breakaway to the bottom of the bracket with 1/4-20 x 3/4" bolt and 1/4-20 nut. Install the bracket offset to the front of the vehicle.



Hold the taillight up to its proper position in back of the fascia, mark and trim the fascia as necessary.

# 2009-12 Nissan Cube S/SL/KROM (No Foglights) Installation Instructions

**DEALER or INSTALLER:**  
Be certain the user receives the instruction sheets for their products.

## 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 1-(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.

