



# BX3232

## 2007 Pontiac Solstice (No Turbo) 2007 Saturn Sky Installation Instructions

**Attachment Tab Height: 14"**

**Attachment Tab Width: 18"**

**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 "it work".
- 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.

### 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

**Reference your vehicle owner's manual for manufacturer's towing specifications.**



## 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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**Instruction Notes:** The fascia and bumper are removed and reinstalled for the baseplate 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 this vehicle.



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

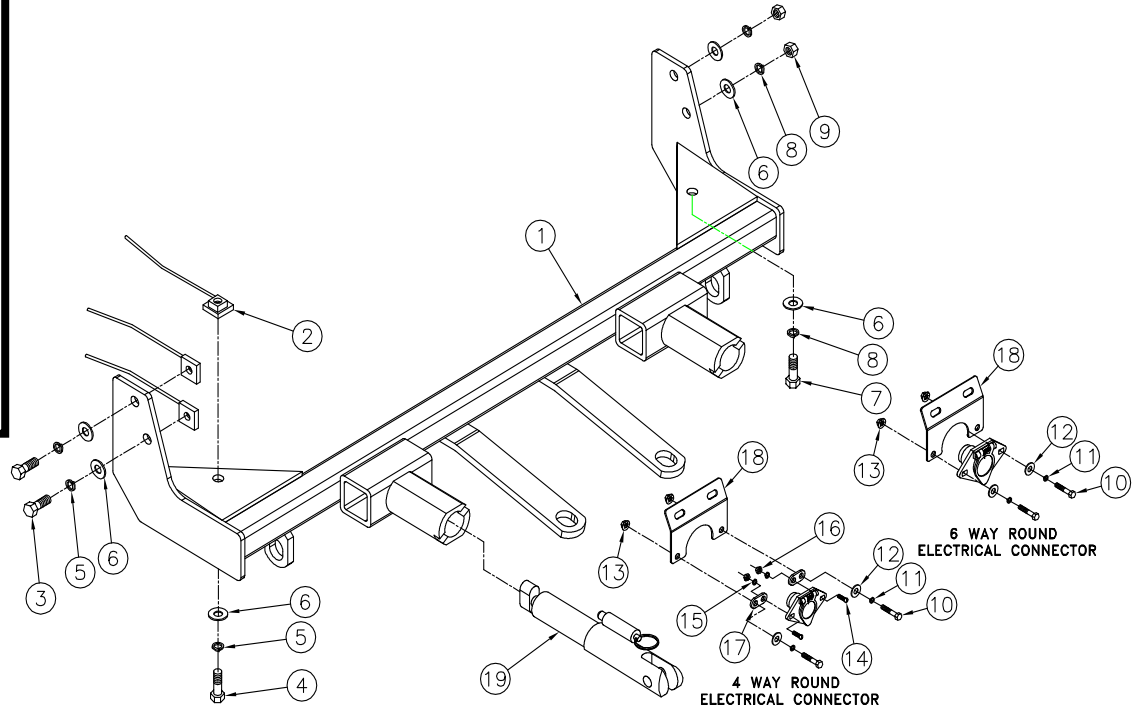
### **NOTICE**

- 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.
- **DO NOT** use the towed vehicle for storing luggage, equipment, etc. The baseplate is computer tested to your vehicle's GVWR, exceeding this weight will void the manufacturer's warranty.
- Be sure to use Loctite® Red on all bolts before tightening. Tighten all bolts according to the torque chart provided.
- Dealer or installer be certain the user receives these instruction sheet.
- 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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**Tools Required**

Large Vise Grip  
 Utility Knife  
 Torque Wrench  
 Drill  
 Reciprocating Saw  
 Tape Measure  
 Loctite® RED  
 13/32" Drill Bit  
 6MM Socket  
 7MM Socket  
 10MM Socket  
 13MM Socket  
 7/16" Socket  
 9/16" Socket

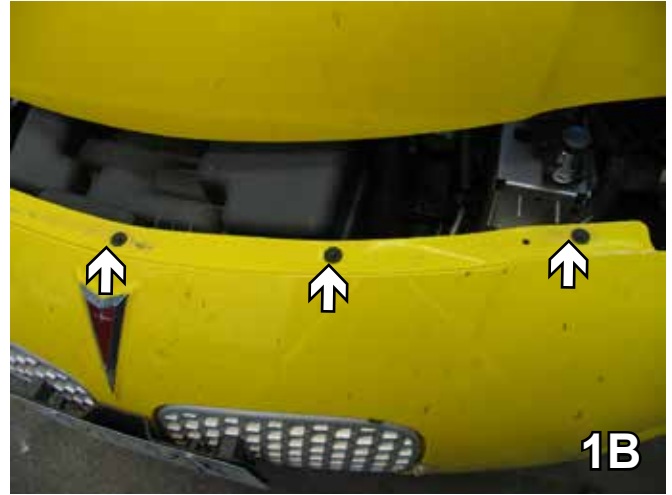


Item. No.	Qty.	Part #	Description
1	1	61-6428	WLDM'T, BASEPLATE, BX3232
2	3	61-5208	WLDT, NUT PLT, 1/4X1X1, 3/8 BLT WIR
3	2	201-0368	3/8-16 X 1 1/4 HEX HEAD BOLT,GRD. 5
4	1	201-0440	3/8-16 X 1 1/2 HEX BOLT, GRD.5, ZP
5	3	203-0010	3/8 LOCK WASHER, ZP
6	6	203-0003	3/8 FLAT WASHER, ZP
7	1	201-0410	10MM-1.5 X 35MM HEX BOLT GRD.8.8 ZP
8	3	203-0104	10MM LOCK WASHER, ZP.
9	2	202-0111	10MM-1.5 HEX NUT ZP
10	2	201-0448	1/4-20 X 1 1/2 HEX BOLT GRADE 5 ZP.
11	5	203-0008	1/4 LOCK WASHER, ZP
12	5	203-0001	1/4 FLAT WASHER, ZP
13	2	202-0069	1/4-20 HEX FLANGE WHIZ LOCK NUT, ZP
14	2	201-0192	10-32 X 1/2 SLOT, RD. HD. SCREW
15	2	203-0054	#10 LOCK WASHER
16	2	202-0047	#10-32 HEX NUT
17	2	101-5822	ADAPTER, 4 WAY CONNECTOR
18	1	101-6841	ELECTRICAL BRACKET, 45 DEGR.
19	2	62-3469	ATT TAB ASSY, REM, SF/LB, 1 HOLE
	2	226-004	BASEPLATE SAFETY CABLE, 48" CL III
	2	229-0359	QUICKLINK, 3/8, ZP
	2	290-0437	RECEIVER, CAP PLUG (BLK) (NOT SHOWN)

**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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1. Using a 7MM socket remove the 9 hex bolts from the flat top edge of fascia starting with the two bolts above the tire and continuing around to the two bolts above the other tire. Set bolts aside to be reinstalled later.



2. Using a 7MM socket, remove the 4 hex bolts just forward the front tire. Do this to both sides and set aside for later reinstallation.

3. Using a flat screwdriver, remove 3 push pins from up underneath. Set push pins aside to be reinstalled later. Do this to both sides of the vehicle.

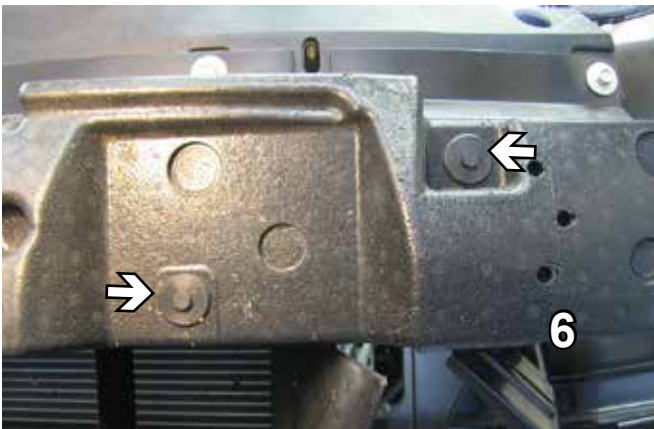
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4. There is a bolt just below headlight assembly and behind fascia to be removed with a 10MM socket. Remove bolt and set aside for later reinstallation. Unhook the marker lights.



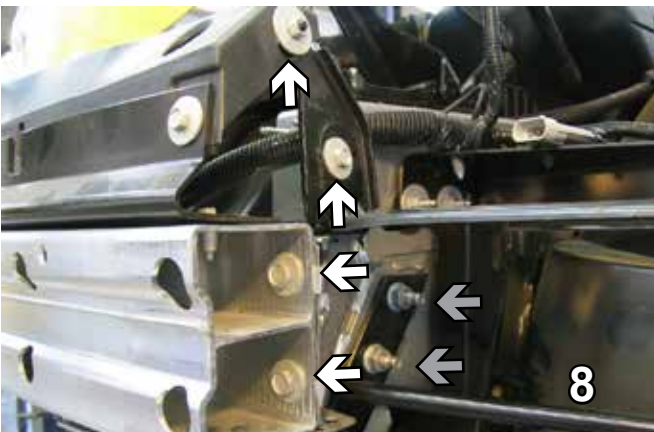
5. Using a flat screwdriver, remove the (4) push pins from the center of the fascia. Pull fascia corners out to the side of vehicle, then pull fascia forward and carefully set aside.



6. Remove the (2) push pins shown. Do this to both sides of the vehicle. Remove styrofoam from bumper.



7. Using a 10 MM socket, remove the four bolts and the air dam from below the bumper. Set air dam for later reinstallation.



8. To remove the bumper, using a 10MM socket remove both top bolts. Then remove the bottom two bolts inside the bumper end using a 13MM socket. Using a 15MM socket, remove the back two hex nuts (grey arrows). Set aside bolts and nuts for later reinstallation.

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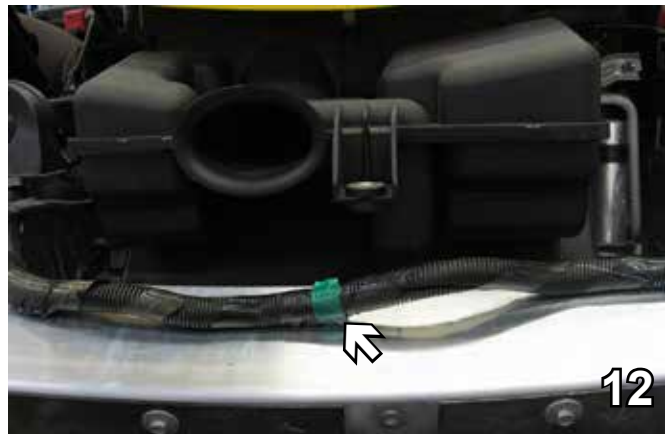
9. Using a 13MM socket, remove two more bolts from both sides. Set bolts aside to be reinstalled later.



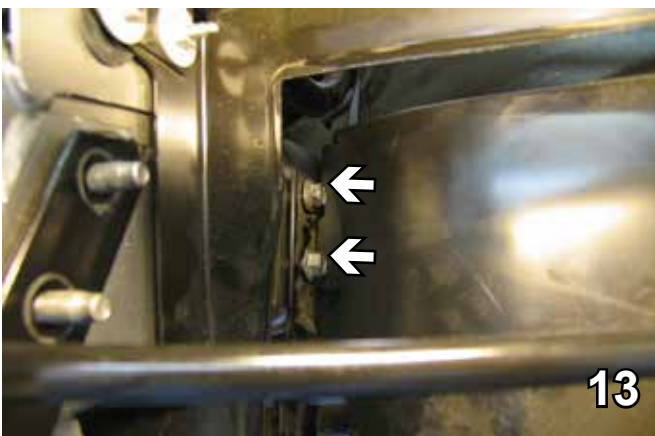
10. Remove three bolts underneath the bumper. Use a 10MM socket on the top two and a 15MM socket for the bottom one (grey arrow). Set aside bolts for later reinstallation.



11. Up on top, remove one bolt using a 10MM socket. Set aside bolt for later reinstallation.



12. Remove three Christmas tree push pins before removing bumper. Set bumper and push pins aside for later installation.

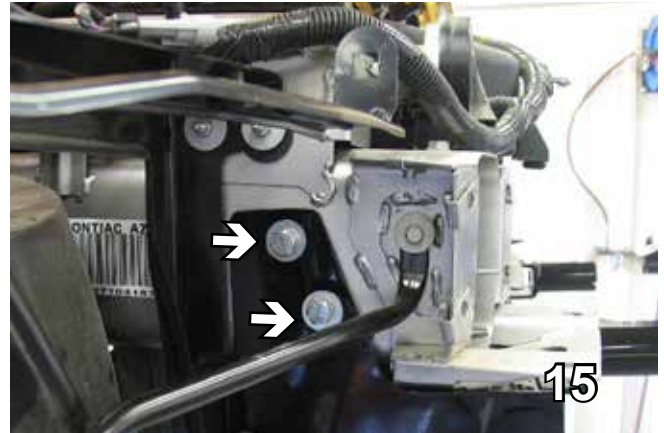


13. To remove support bar, remove 2 bolts behind fender well using a 15MM socket. This support bar will not be reinstallation.

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14. On the driver's side tip base plate so that hole starts on these two studs. Hand tighten the two 10M hex nuts and lock washers.



15. On the passenger side, hold the base plate level, up as far as possible and the same distance from the front as on the driver's side, mark holes and drill using a 13/32" drill bit. To attach base plate use two 3/8"-16 x 1 1/4" hex bolts with 3/8" lock and flat washers and 3/8" nut plates.

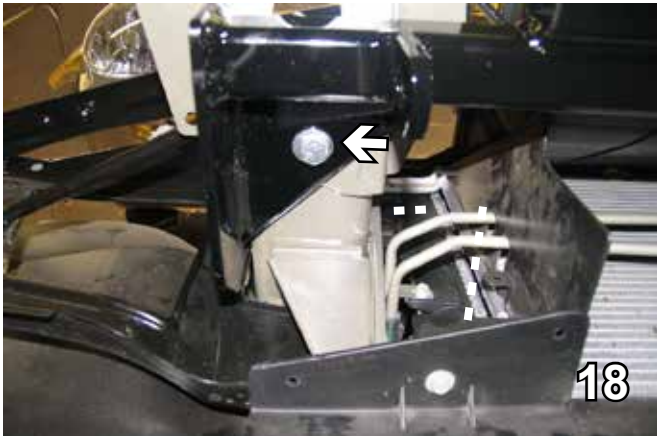


16. Make sure the base plate is straight. On the driver's side only, attach 10MM-1.5 x 35MM hex bolt with a 10MM lock washer and a 3/8" flat washer into existing threaded hole, tighten with Loctite Red.



17. On the passenger side, use a 13/32" drill bit to drill a hole.

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18. Insert 3/8" nut plate into frame end to align with drilled hole and tighten 3/8"-16 x 1 1/2" hex bolt, 3/8" flat and lock washer.



19. 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 instructions included with the permanent baseplate safety cables. Be sure the safety cables do not rub against any hoses or moving parts. Do this on **BOTH** sides of the vehicle.



20. Using a utility knife, cut the ends off of the plastic air dam from below the bumper.



21. Reinstall bumper and air baffle over the top of the base plate. Attach with two center bolts.



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22. Hold fascia as close to its original position as possible and cut a hole in the grille with a hack saw blade for attachment tab receivers to come through. Do this to both sides. Then reinstall fascia.



23. Cut a hole in the grille for the electrical plug to go through. Place electrical connector bracket on the back side of the grille and attach with 1/4"-20 x 1 1/2" hex bolts, flat and lock washers and 1/4"-20 whiz nuts.



# 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

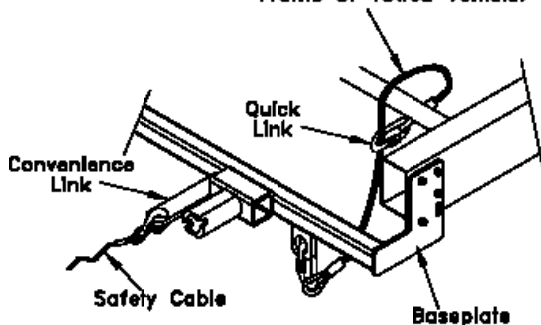
Permanent baseplate safety cables are strongly recommended when towing a vehicle with a tow bar. The principle function of the permanent baseplate safety cables is to prevent the towed vehicle from breaking loose in the event the connection between the frame of the towed vehicle and the baseplate fails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

