



Strong As An Ox™

BX1968 Installation Instructions 2005-10 Chrysler PT Cruiser (Include Turbo)

Serial No.

The front fascia and metal bumper are removed for baseplate installation. Factory metal bumper will not be reinstalled. Drilling is required. The BX8869 is available for the vehicle. Attachment Tabs are 25 inches center to center and a height of 12 1/2 inches.



1. Open hood and remove screws from top of grill. Carefully pull grill up and out to remove, set aside.



2. Remove two metric screws from the top of the fascia using the 7MM socket.



3. Just forward of front tires are three metric bolts to remove on wheel well with the 10MM socket, both sides.



4. Pull wheel well molding back and remove two nuts from upper fascia's corner, both sides.



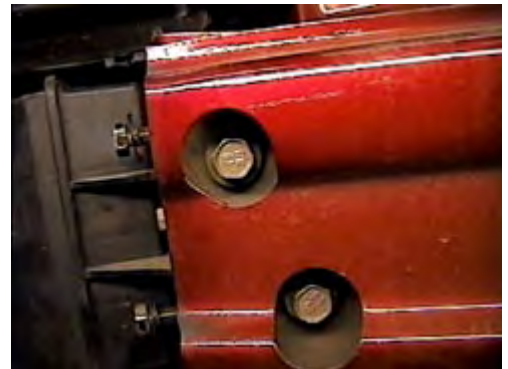
5. Using the 10MM socket remove six metric bolts from the bottom side of front fascia, pull fascia forward and set aside.



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6. Remove two metric bolts from vacuum tank on passenger's side with the 10MM socket and set aside.



7. Remove four metric bolts from metal bumper front openings using the 13MM socket, disconnect wiring harness and set metal bumper aside. **Metal bumper will not be reinstalled.**

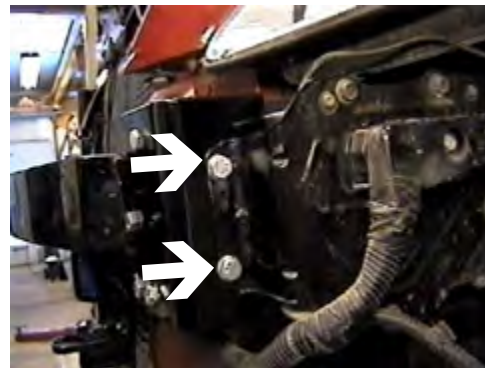


8. Using the reciprocating saw, measure and mark from the top side of lower radiator tray up 2 3/4" and 5" on lower frame, both sides. Then make two 1" horizontal cuts on lower frame bend section back out of the way or cut off.



9. Align the baseplate with existing holes on the outside of passenger's side frame rail and tighten the two existing bolts. Clamp baseplate on driver's side to align with top edge of frame rail with the vise grip. **Be sure and use loctite on all bolts before tightening. Torque all bolts according to Torque Chart in General Instructions.**

10. Using the baseplate as a template, drill holes in the side of frame rail with the 13/32" drill bit. Insert item 2 into frame opening on driver's side to align with drilled holes and tighten items 4 and 5. **Be sure and use loctite on all bolts before tightening. Torque all bolts according to Torque Chart in General Instruction Sheet.**





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11. In the center bottom hole, use a 3/8 x 1 1/2" bolt. Add a bracket to the back of the baseplate. Align bottom hole of bracket with bottom hole and attach 3/8" lock washer with 3/8" nut plate. Do this on both sides.



12. Using a 13/32" drill bit, drill the top hole of bracket into frame. On the passenger's side, use a tube over the drill bit to protect the tubes and wires. Insert 3/8" nut plate through the frame rail and attach with 3/8 x 1 1/2" bolts and 3/8" lock washers.

13. Drill the remaining three holes on the front of the baseplate using a 13/32" drill bit. Insert 3/8 x 1 1/4" bolts into all drilled holes and tighten with 3/8" lock washers and 3/8" hex nuts on the back side of the webbing. **Be sure and use loctite on all bolts before tightening. Torque all bolts according to Torque Chart in General Instruction Sheet.** Do this on both sides.





14. Lay fascia face down on soft material to prevent scratching. Cut out template, fold and tape in place according to instructions on template, both sides. Mark and predrill 1/4" hole on both sides. Using the 1 1/2" hole saw, drill holes to align with 1/4" predrill holes. Have someone help hold fascia into place to acquire **proper alignment** with vehicle and receiver tubes. Carefully cut fascia with utility knife to open up area for convenience link adjacent to receiver tubes, both sides. Shape opening with a barrel sander to fit receiver tubes and slide fascia into place.

15. Reinstall front fascia and remove license plate bracket using the 10MM socket. Using item 8 as a template, center and drill two holes into the bottom of license plate bracket with the 9/32" drill bit. Install items 8, 10, 11, 12 and 13 to license plate bracket according to drawing on last page. Reinstall license plate bracket.

16. The dimensional variations between otherwise identical cars can be considerable. While the location and size of the holes in the baseplate were designed to allow for easy installation, it may be necessary to file a hole slightly to allow a bolt to clear.

17. Install the tow bar and safety cables according to the instructions included in their packages.

18. Do **not** substitute other devices if the tow bar pin and clip are lost.

19. **DEALER OR INSTALLER: BE CERTAIN THE USER RECEIVES THE INSTRUCTION SHEET.**

Tools Required

9/16" Socket
13/32" Drill Bit
7MM Socket
Barrel Sander
Hack Saw

Loctite
1 1/2" Hole Saw
10MM Socket
Flat Head Screw Driver
Utility Knife

Tape Measure
10MM Socket
13MM Socket
Vise Grip
Reciprocating Saw



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Parts List

| Ref. No. | Qty. | Part No. | Description |
|------------|------|----------|--|
| 1 | 1 | 61-6004 | Weldment, Base Plate, BX1968 |
| 2 | 4 | 61-5367 | Weldment, 3/8-16 Nut Plate, w 14 Inch Wire |
| 3 | 8 | 201-0368 | 3/8-16 x 1 1/4 Bolt, Grd. 5, ZP |
| 4 | 4 | 201-0440 | 3/8-16 x 1 1/2 Bolt, Grd. 5, ZP |
| 5 | 12 | 203-0010 | 3/8 Lock Washer, ZP |
| 6 | 8 | 202-0003 | 3/8-16 Hex Nut, ZP |
| 7 | 2 | 62-3469 | Attachment, Assembly, SF/ LB, 1 Hole (R) |
| 8 | 1 | 101-6437 | Bracket, Electrical, BX1956 |
| 9 | 1 | 101-6438 | Flat, 12GA x 1 x 5, BX1956 |
| 10 | 4 | 201-0569 | 1/4-20 x 3/4 Hex Bolt, Grd. 5, ZP |
| 11 | 4 | 203-0001 | 1/4 Flat Washer, ZP |
| 12 | 4 | 203-0008 | 1/4 Lock Washer, ZP |
| 13 | 4 | 202-0069 | 1/4-20 Hex Whiz Nut, LocZP |
| 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 | 2 | 102-6844 | Support, Brace BX1956 & BX1968 |
| E | 3 | | Existing Metric Bolts. |
| Attachment | | 292-6118 | 2001-02 Grill Template, BX1956 |
| Attachment | | 292-6155 | 2003 Grill Template, BX1956 |
| | 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 (BLK) (Not Shown) |



Location for the BX8869 on the driver's side.

IMPORTANT: Use only genuine factory replacement parts on your Base Plate. Do not substitute homemade or nontypical parts. If a bolt is lost or in need of replacement, for your safety and the preservation of your Base Plate, be sure to use a replacement bolt of the same grade (Usually Grade 5, refer to parts list). Repair parts may be ordered through your nearest **Blue Ox** dealer or distributor.

