



Installation Instructions BX3608

Serial No.

Subaru Outback Sport Impreza, 1997-01

The front bumper fascia, side markers, blinkers and metal bumper are removed for baseplate installation. Holes need to be drilled for this baseplate installation.



Figure 1

1. Remove the center grill by pushing in with screw driver to depress the clip. Figure 1.

2. Remove the Phillip screws from the side markers and pull them out. Disconnect electrical wiring and set aside. Figure 2.



Figure 2

3. Remove the screws from each side of the headlight assemblies. Disconnect wiring and set aside. Figure 3.



Figure 3

4. Remove the screws from top of bumper fascia. Figure 4.



Figure 4

5. Remove the screws forward of the front tires. Figure 5.



Figure 5

6. Pull the molding out and remove the push pin from inside the fenders. Figure 6.



Figure 6

7. Remove the push pins from the bottom of the molding. Figure 7.



Figure 7

8. Remove the Hex bolt from the molding in grill area below license plate. Figure 8.



Figure 8

9. Remove plastic covering for fog lights. Remove the two screws to remove each fog light. Once fog lights are off, remove push rivets for bumper molding. Figure 9 and 10. Follow the fog light wiring to connections and disconnect. Set fog lights aside.



Figure 9



Figure 10

Automatic



Figure 11

10. Remove the Hex head screws from the bottom of bumper fascia. Figure 11.



Figure 12

11. Looking down into engine compartment, notice that each frame has two 17mm Hex head bolts fastening the bumper to each frame. Remove these bolts. Figure 12. Pull bumper out and set aside.



Figure 16

12. Insert the bumper brackets into frame setting the bolt into the back hole on the bottom of the frame. Figure 13.

13. Drill 1/4" holes through the brackets base and back of bumper, using the 1/4" hardware to strengthen metal bumper. Figure 14 and 15.



Figure 13

14. Set the baseplate on the back of the metal bumper. The holes will align with holes on the bumper. Insert bolt plates with wire through the sides of the bumper. Use hardware as shown in drawing on last page. Use Loctite with each nut, tighten bolts according to the chart in the General Instruction Sheet.



Figure 17

15. Bolt the bumper back into the frame. Remove the shields forward of the bumper brackets and drill the 3/8" holes for each bracket. Holes for the shields need to be drilled wider also. Figures 17, 18 and 19. Use hardware shown in drawing from last page and tighten bolts.



Figure 14

16. Hold the bumper fascia back to its original position. Locate a location in the grill opening for the electrical bracket. Remove fascia and fasten bracket to vehicle using the self tapping screws.



Figure 18

17. Replace the bumper fascia, headlights and fog lights.



Figure 19

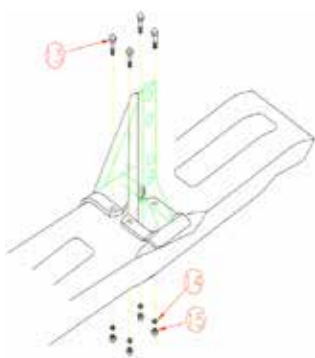


Figure 15

Tools Required

10MM Wrench
3/8" Drill Bit
7/16" Wrench
1/2" Drill Bit
Loctite Blue

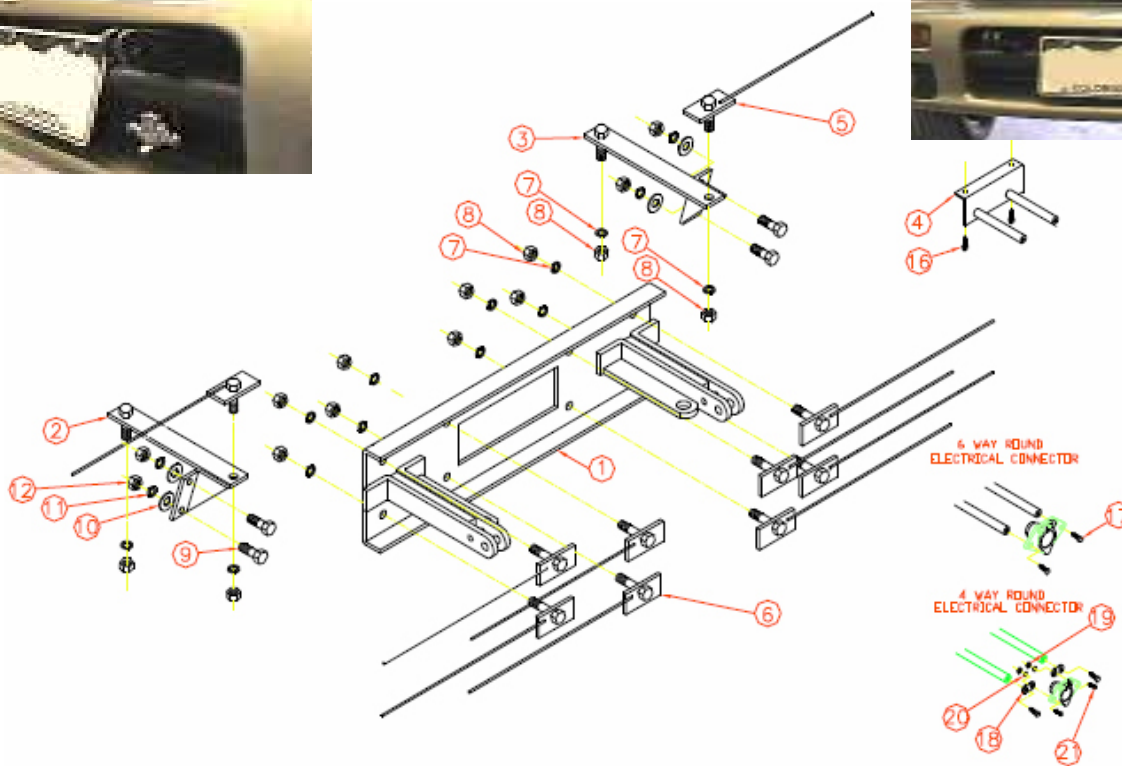
9/16" Wrench
17MM Wrench
1/4" Drill Bit
3/4" Wrench



Figure 20

Parts List

Ref. No.	Qty.	Part No.	Description
1	1	61-5485	Weldment, Baseplate, BX3608
2	1	61-5486	Weldment, PS. Bumper Bracket
3	1	61-5487	Weldment, DS. Bumper Bracket
4	1	61-5488	Weldment, Electrical Bracket
5	2	61-5516	Weldment, 1/2 Bolt Plate, with 14 Inch Wire
6	8	61-5509	Weldment, 1/2 Bolt Plate, with 26 Inch Wire
7	12	203-0012	1/2 Lock Washer, ZP
8	12	202-0005	1/2-13 Hex Nut, ZP
9	4	201-0368	3/8-16 x 1 1/4 Hex Head Bolt, Grd 5, ZP
10	4	203-0003	3/8 Flat Washer, ZP
11	4	203-0010	3/8 Lock Washer, ZP
12	4	202-0003	3/8-16 Hex Nut, ZP
13	8	201-0071	1/4-20 x 1 Hex Bolt, Grd 5, ZP (See Figure 15)
14	8	203-0008	1/4 Lock Washer, ZP (See Figure 15)
15	8	202-0001	1/4-20 Hex Nut, ZP (See Figure 15)
16	2	201-0654	#10-16 x 1 Self Drilling Screw
17	2	201-0979	#12-14 x 1" Self Drilling Screw, ZP
18	2	101-5822	Adapter, 4 Way Connector
19	2	202-0047	#10-32 Hex Nut
20	2	203-0054	#10 Lock Washer
21	2	201-0192	#10-32 x 1/2 Slot, Rd. Hd. Screw



General Information

1. Ensure that your product(s) are registered online at www.blueox.com. It is crucial to register your product(s) so that you may be alerted of product offerings, updates, upgrades, maintenance and safety bulletins, and/or recalls.
2. **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.
3. **It is the owner's responsibility to hook up all towing equipment per manufacturer's instructions/recommendations.**
4. 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

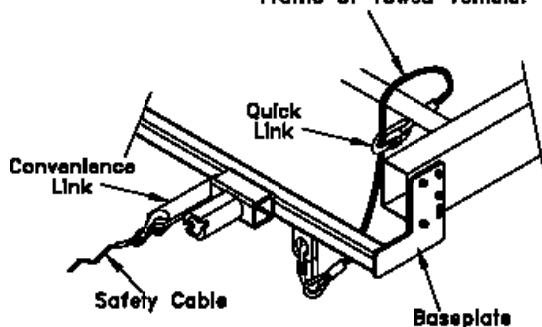
Permanent baseplate safety cables are strongly recommended when towing a vehicle with a tow bar. The principle function of the permanent baseplate safety cables is to prevent the towed vehicle from breaking loose in the event the connection between the frame of the towed vehicle and the baseplate fails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

