



## Installation Instructions BX3608

### Subaru Outback Sport Impreza

Serial No.

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.



**Figure 2**

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



**Figure 6**

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



**Figure 7**

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



**Figure 3**

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



**Figure 8**

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

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



**Figure 4**

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



**Figure 9**

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 5**



**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.

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



**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.

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.

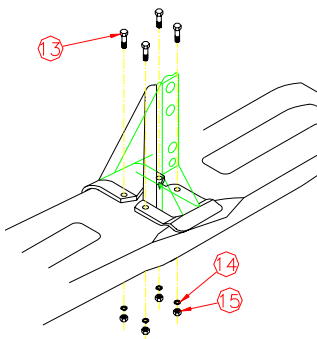


**Figure 14**

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.

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.

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



**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 16**



**Figure 17**



**Figure 18**



**Figure 19**



**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	201-0553	1/4-20 x 1/2 Hx. Wshd. Type F Tcs, 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

