



BX3512 Installation Instructions 1999 Suzuki Esteem

Serial No.

The baseplate mounts to the back side of the metal bumper and to the cross frame below the radiator. The plastic bumper and rock guard need to be removed and four holes need to be drilled. The rock guard needs to be notched before it can be reinstalled.

1. Remove the six phillip head screws on the underside of the bumper facia in front of the tires. Remove the two 10mm screws and push pins that are on the underside of the bumper.
2. Remove the six (3 on each side) 10mm screws to drop the rock guards. Remove the three 10mm screws from the top of the lower vent area.
3. Remove the two Phillips head screws (one on each side) from the inside of the wheel well and in front of the tires. The screws will extend from the bumper to the front of the fender.
4. Remove the two 10mm bolts from above the grill area and one pushpin from behind the grill.
5. Remove the 2 push pins from underneath the head lights.
6. Gently pull the plastic bumper off.
7. Number each hole on the front of the metal bumper from one to twelve (from left to right). Drill a 1/2" hole in the center of the No. 8 hole. See Figure 1.
8. Insert a tape measure in the passenger side of the bumper and measure 12 5/8" over from the center of the hole drilled in Step 7. This will be in the No. 5 hole. Drill a second 1/2" hole.
9. Start a 1/2-13 x 1 1/4 bolt (Item 3) through the backing plate (Item 2) and into the threaded holes in the baseplate (as shown in the diagram on page 2). Apply Loctite and hand tighten.
10. Drill 1/2" holes for the outside braces, use the baseplate as a template. Feed the nut plate (Item 2) into the big hole next to the drilled holes and hand tighten a 1/2-13 x 1 1/2 Hex bolt (Item 4).
11. Drill the two holes for the center braces (3/8"). Feed the 3/8" wire nuts (Item 4) into the underside of the radiator support. Using the 3/8" bolts and washers (Item 7 and 9) thread into the wire nuts.
12. After each bolt has been started, torque nuts and bolts according to the Torque Guide Chart in the General Instruction Sheet.
13. Hold the rock guard up to its original position and mark areas needed to be notched so it can be replaced. Replace the bumper molding.
14. DEALER OR INSTALLER: BE CERTAIN THE USER RECEIVES THE INSTRUCTION SHEET.



Figure 1

Automatic

Tools Required

10MM Wrench	Flathead Screwdriver	Loctite
3/8" Drill Bit	9/16" Wrench	3/4" Wrench
Utility Knife		1/2" Drill Bit
		Tape Measure

Parts List

Ref. No.	Qty.	Part No.	Description
1	1	61-5333	Baseplate, BX3512
2	2	102-5744	Spacer Plate, BX3512
3	2	61-5338	1/2" Nut Plate with Wire
4	2	61-4978	3/8" Whiz Nut with Wire
5	4	203-0012	1/2" Lock Washer
6	2	201-0011	1/2-13 x 1 1/4" Hex Bolt
7	2	201-0440	3/8"-16 x 1 1/2" Hex Bolt
8	2	201-0051	1/2-13 x 1 1/2" Hex Bolt
9	2	203-0010	3/8" Lock Washer
10	2	201-0553	1/4 - 20 x 1/2" Hex Screw, ZP
11	2	202-0047	#10 Hex Nut
12	2	203-0054	#10 Lock Washer
13	2	201-0192	#10 - 32 x 1/2" Slotted Screw
14	2	101-5822	Adapter, Four Way Electrical Connector

