

December 13, 2004

Installation Guide

Bravada - Envoy - Rainier - TrailBlazer

Product No.

2002 to Current: Bravada,
Envoy, TrailBlazer

Long Wheelbase - Short Wheelbase

SWB 2131 - 2143EX - 2160
LWB 2150 - 2151

2004 to Current: Ranier

Note: This installation uses factory bolt hole locations and six drilled holes.

Installation Parts List:

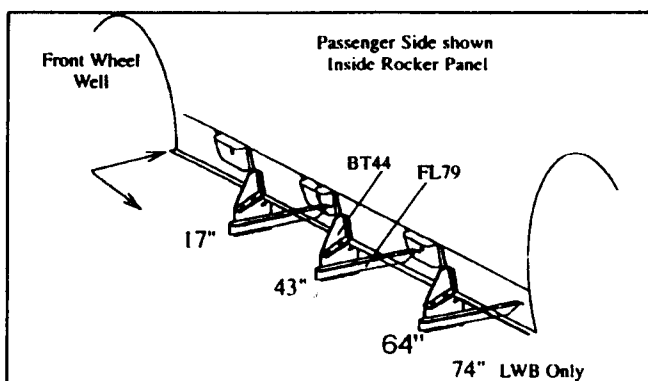
	SWB	LWB	Description		SWB	LWB	Description
A	1	1	GlaStep (Driver Side)	H	6	8	8mm x 25mm Bolts
B	1	1	GlaStep (Passenger Side)	I	24	32	5/16" x 3/4" Washer Head Bolts
C	2	2	Step Pads	J	24	32	5/16" Washer Head Nuts
D	6	8	Flat Brackets #FL78 (FL79 for 2131)	K	6	8	5/16" Lock Washers & Flat Washers
E	6	8	Step Supports #3124F	L	12	16	#14 x 3/4" Self-Drilling Screws
F	2	2	Foam Strips	M	6	8	#12 x 1-1/4" Self-Drilling Screws with Rubber Washers
G	6	8	Bent Tabs BT44				

Tools Required:

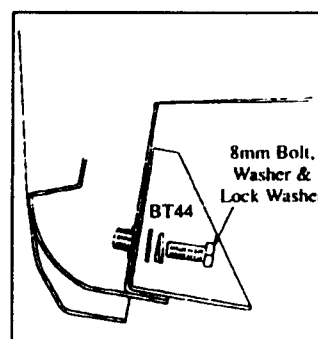
5/16" Drill • 1/2" Hex Socket • 1/2" Wrench • 3/8" Nut Driver

1. Prior to painting, fit your steps to the body. A good fit is accomplished when mating surfaces fit with minimum light gaps. Note: Vehicle bodies have variations and a perfect fit may not be possible.

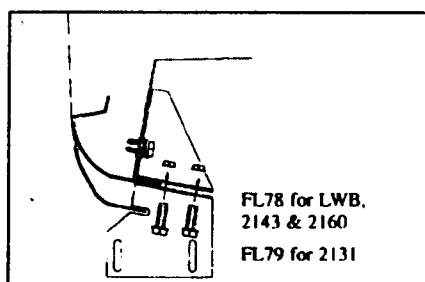
2. Painting your steps. To insure a proper paint finish, use a top quality auto paint system and follow the manufacturers instructions. Your step should be sanded and primed before painting.



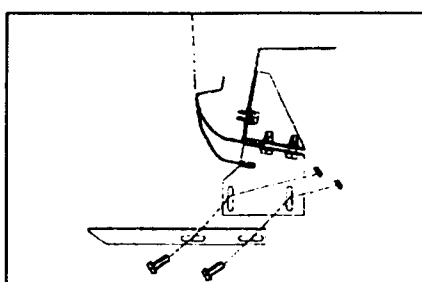
3. Measure from front wheel well to factory bracket hole locations shown above. Find these factory bracket locations.



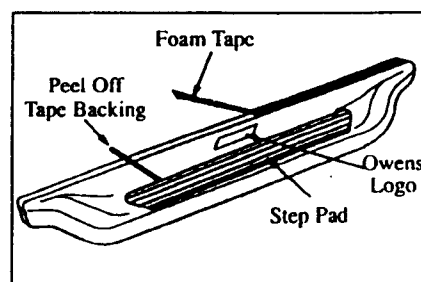
4. Mount BT44 flat bracket to body using 8mm bolts in factory holes at noted locations. Do not tighten at this time.



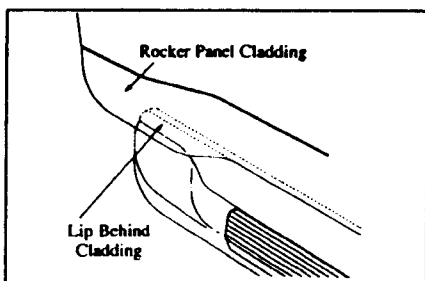
5. Bolt FL78 (or FL79) to BT44 using two 5/16" nuts & bolts. Then tighten all three bolts to 18 foot pounds.



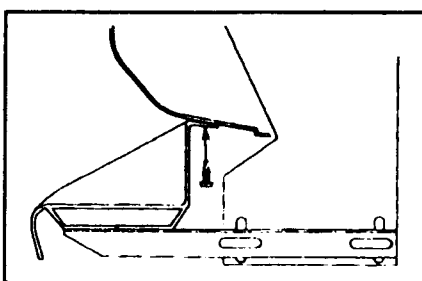
6. Attach 3124F step supports to FL78 (or FL79) flat brackets using 5/16" bolts and nuts. Do not tighten at this time.



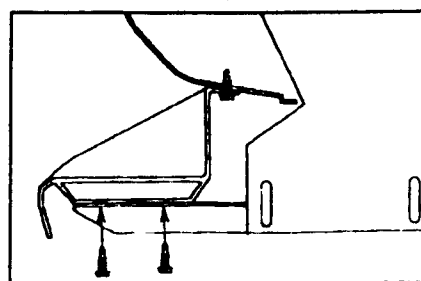
7. Clean surface prior to attaching tape and step pads with denatured alcohol. Apply foam tape to top lip of board. Position step pad on stepping surface. Peel off tape backing starting with rear strip. Keep pad in position, peel off backing then apply pressure to top of pad to stick tape to board. Continue above steps for all tape strips.



- 8A. Place GlaStep on bracket. Note that riser lips on end of board are to be flush behind rocker cladding on 2131.



- 8B. Position step on bracket aligning step with cab step. Attach to box using 3 front, rear and center #12 x 1-1/4" self-drilling screws with rubber washers.



9. Attach GlaStep to bracket using two #14 x 3/4" self-drilling screws per support. Adjust height of step, then tighten all bolts.

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