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PRELIMINARY

Land Cruiser FZJ80 and FJ80 ShortBus Bumper Installation Instructions

Fits 1991-1997 80 Series Land Cruiser and Lexus LX450



Thank you for purchasing a Slee Off-Road ShortBus Bumper for your Land Cruiser. All attempts have been made to supply the bumper in perfect condition with complete installation hardware. However should you have any problems with the condition of the bumper or find any parts missing, please do not hesitate to contact us at **1888 4X4 SLEE** or sales@sleeffroad.com

Your bumper is guaranteed free of defect in material and workmanship for a period of one year from date of purchase. Should you experience any problems with your bumper, please contact us directly to resolve any issues.

We have attempted to provide complete installation instructions provided below. However from time to time changes might be made to the bumper and you might notice small inconsistencies with the instructions. Please notify us of such occurrences so we can correct them.

Parts Included

Qty	Part Description	Qty	Part Description
1	Bumper	4	10mm x 35mm x 1.25 pitch Flange Bolts
1	License Plate / Solenoid Mount Bracket	4	10mm Flat Washers
8	12mm x 45mm x 1.25 pitch Bolts	4	10mm Lock Washers
8	12mm Flat Washers	2	1/4" x 1/2" Button Head Stainless Bolts
8	12mm Lock Washers	2	1/4" Flat Washers
		2	1/4" Nuts

Step 1.

Remove factory front bumper and brackets. Make sure threads for mounting holes are clean. If needed use 12mm x 1.25 tap to clean the top and bottom bolts and a 10mm x 1.25 tap for the side bolts.

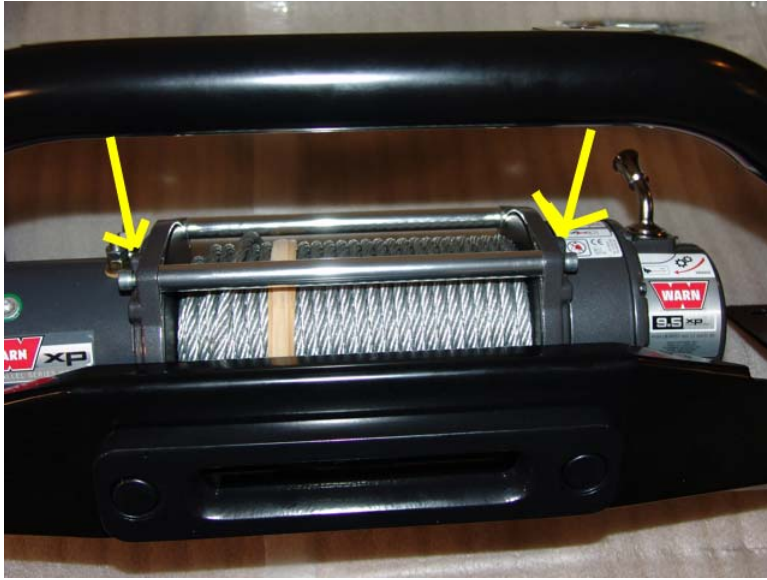


Step 2.

If a winch is being installed, bolt the winch to the bumper using the supplied hardware from the winch. The winch is installed with the feet down. Two bolt holes are under the front lip of the bumper, and two are under the mounting plate inside the bumper. Torque bolts to winch manufacturer's spec.

Step 3.

Install the hawse fairlead. (Not Supplied)

**Step 4.**

Loosen the allen bolts as shown in the photo. Remove them but do not discard.

**Step 5.**

Install the license plate bracket / solenoid mount as shown. Re-use the allen bolts that was removed in step 4.

Note: This bracket was designed to fit the Warn M8000, XD9000 and 9.5XP winches.

**Step 5.**

Install the solenoid box as show. The studs on the bottom of the solenoid box goes through the slots on the bracket.

Connect the wires of the solenoid box to the winch as per the instructions that were supplied by the winch.

Note: If you run a front license plate, attached it to the front legs of the bracket.

Step 6.

Slide the bumper over the frame rails.

Step 7.

Use the 12mm bolts through the bottom and top brackets and the 10mm bolts through the side holes. Install all bolts before tightening.

Step 8.

Torque bolts to spec in following order:

Bottom 12mm bolts – 100 lbs.ft
 Top 12mm bolts – 100 lbs.ft
 Side 10mm bolts – 60 lbs.ft

Step 9.

Connect winch power wires as per manufacturer's instructions.