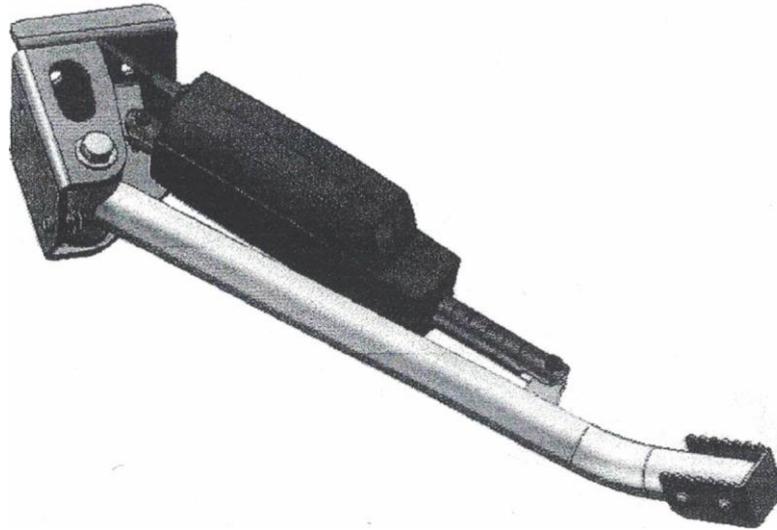


Zstep Installation Instructions



Parts List

Right side step assembly	1
Left side step assembly	1
3/8 x 3.5" cap screws	4
3/8 lock nuts	4
3/8 flat washers	8
Wiring harness	1
Control Module	1
LED Indicator Light	1
Door Jamb Switches	2
Drill Template	1

Wiring

Red Wire: Battery Positive + (Ring Connector)

Black Wire: Battery Negative – (Ring Connector)

Blue Wire: Dash LED light. Terminal marked with red stripe.

Black Wire: Connects to light on the terminal without the red stripe.

Grey Wire and Purple Wire: Driver-side step.

White Wire and Yellow Wire: Passenger-side step.

Brown Wire: Driver-side door switch.

Orange Wire: Passenger-side door switch.



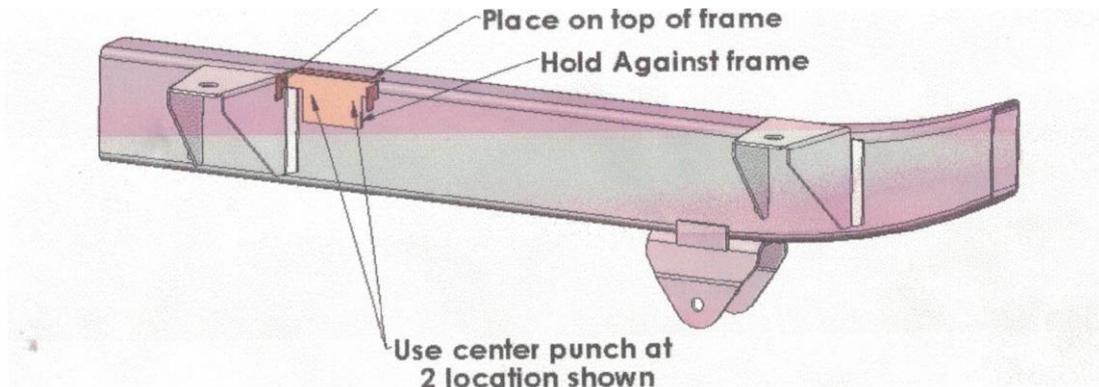
Install the Zstep below the front edge of seat.

Remove all welding splatter to provide a flat surface to attach the step to the frame.

Check the vehicle for step clearance before drilling. The steps were shipped in the “closed” position. Test fit each step (left and right) to the frame of the vehicle and verify the step has clearance when in the fully closed position and there are no obstructions. ***The step should be mounted below the front edge of the seat to ensure any pressure on the step arm is forward and toward the stop bolt. Pressure toward the actuator may damage it.*** After verifying the step mounting location for obstructions use the drill template and center punch each drill hole.



Drill Template



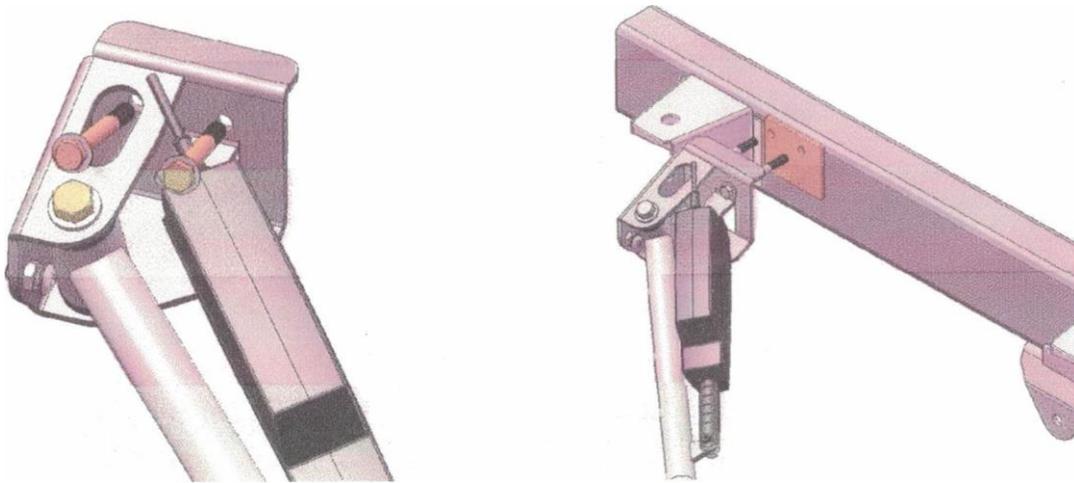
Note: *Not all vehicles have a frame mount in location shown above. Jeep TJ has a body mount that must be removed and placed in a different location.*

Before drilling check the inside of frame for brake lines, fuel lines, wiring or anything that may be damaged by the drill.

Loosen any clamps and move them out of the way, they will be put back after the step is bolted in place. Pre-drill with a smaller bit and then drill with a 13/32" drill bit. Use a small square or some method to be sure the holes at 90 degrees to the frame and are parallel when drilling.

Attaching the steps on the frame. Insert the 3/8 x 3.5" bolts and washers thru the step bracket and through the holes in the frame. Install washers and locknuts and torque to 20ft lbs. **DO NOT OVER TORQUE THESE BOLTS.** After the steps are installed and powered up, adjust the stop bolt on each step and tighten the locknut. When

the step is out, it should be at 90 degrees from the side of the vehicle.



Reinstall or replace any lines or wire moved before drilling the mounting holes.

Mount the control module. Test fit the control module and ensure the negative (-) and positive (+) wires are within reach of the battery terminals. If you can find a flat area the control module may be fastened with 2 screws or may be fastened with wire ties to another harness. Remove fuse from the holder, reinstall after wiring is complete.

Route the Wires

Gray & Purple wires to the Drivers side-step

White & Yellow wires to the Passenger side-step

Keep the wires away from exhaust and secure them with wire ties.

Route the Brown and Orange wires (driver-side step) and Blue and Black wires (Dash LED light) thru the fire wall into the driver's compartment.

The step indicator lamp can be installed in the dash by drilling a 5/16" hole. Route the Blue & Black wires through the 5/16" hole, connect them to the indicator lamp.

The Blue wire connects to the side of the lamp with the terminal marked Red. The black wire connects to the other terminal.

Push the Indicator lamp back into the 5/16" hole until the lamp bezel bottoms on the dash.

Install the door jamb switches.

Drill and install door switch.



Locate a flat surface with no obstruction behind for the door jamb switches. Drill a pilot hole and then a 5/16" hole to mount each switch. Install using the washer and nut on the backside and tighten.



Route the wires from the control module to each switch and secure. The Brown wire connects to Drivers-side Door jamb switch and the Orange wire connects to the Passenger side door jamb switch.

The Step can be operated with a toggle switch (Optional) if the doors are removed or if the vehicle is operated without doors. With soft doors, a tab can be welded to the metal framework to contact the door jamb switch.

When steps have been mounted and all wires routed and secured, connect the (-) and (+) wires to the battery and install the fuse into the fuse holder. **KEEP ALL WIRES AND CONTROL MODULE AWAY FROM HOT SURFACES.**

Step Operation - When the door is opened the step will extend and the indicator lamp will come on signaling the step is out. When first installed, open and close both doors 10 times to program the control

module. Wait a couple seconds each time the door is opened and closed.

If the step arm hits an obstacle before fully opening, the step will stop and the indicator lamp will flash indicating there was an issue. Close the door and the step will retract. When the obstruction is cleared run the step through a full cycle and the error code will clear. If there is an obstruction when the step is retracting, clear the obstruction and run the step through a complete open and close cycle and the code will clear.

Enjoy!

Thank you for your Zstep purchase. If you have any questions, please contact us.

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