



R-SE JK 4 DOOR Step Slider Install Instructions

Parts List:

- 1 Divers side slider assembly
- 1 Passenger side slider assembly
- 1 wiring harness
- 1 control box
- 2 spacers
- 2 LED lights (optional)
- 10 SS Button Head bolts 5/16
- 10 Alum. Nut Zurts
- 2-5inch bolts

*If any parts listed are missing or damages please call 435-752-4580 prior to install.

Slider Install

1. Remove stock sliders from the car.
2. Loosen the rear two body mount bolts (under the passenger side door) and completely remove the front body mount bolt (under the front door)

3. Replace the front body mounts with the longer bolt and spacers provided. Thread the bolt and spacer in the mount without completely tightening the bolt.
4. Use a floor jack or a buddy to help put the slider into place. Position the slider into the 3 body mount slots on the slider. Put the spacer on the front mount on top of the slider next to the body. Tighten the body mount bolts to help bring the slider into position. Take extra care when positioning the slider up to the car on the rocker face to prevent any scratching or marring of the painted surface. The slider should be tight to the body mounts and to the side of the car. Take your time to ensure that the slider is installed straight and level. Check to make sure that the slider is in the correct position on the front side and the rear side.
5. Mark the slide mounting holes on the rocker panel, and double check for correct fitment. The slider should be tight against the body mounts and the rocker side.
6. Loosen the body mount bolts and remove the slider from the car. Having someone help you at this point is a good idea.
7. Remove slider and drill 17/32" holes for nut inserts. We suggest using a small pilot drill to precisely drill the center of the hole. The body sides are very thin metal so let the drill bit do the work. Don't push too hard on the drill, possible sheet metal damage may occur.
8. Install nut inserts with an installation tool if available. If not, install by using a 5/16"x1.125" minimum length bolt with 3/8" nut as shown. Put a small amount of grease on the bolt to reduce friction. Hold the nut steady with an end wrench so the flange of the insert is flush against the body panel. Tighten the bolt against the nut to crimp the nut insert in place. If the insert is rotating, place a star lock washer between the 3/8" nut and insert. Once it is crimped completely back out the bolt. If the insert ever breaks loose and spins, repeat the process and crimp it tighter to prevent spinning.
9. Position the slider into place on the body mount bolts and the rocker face. Make sure the spacer is in between the body and the slider on the front body mount. Make sure that the actuator wire and LED light wire (if applicable) are free from getting pinched in between the body or frame anywhere. Apply a small amount of anti seize to the button head bolts and start them all before tightening any of them completely. We recommend tightening the button heads by hand to prevent any damage to the head of the bolt. Start from the center of the slider and work out towards the ends, tighten the slider up to the rocker face.
10. Once the slider has been secured to the rocker face tighten the body mount bolts on the underneath side.

Wiring harness install

1. Remove the 'B' Pillar covers on the inside of the car on both sides
2. Roll the rear carpet back underneath the rear seat.
3. Lay the harness into position on the rear floor board on the passenger side
4. Start with the electronic box, plug it into the harness and mount it under the seat.
5. Route the wire down the seat hinge post to the floor. Secure the loomed section to the rail with the ties provided. Use the inner most rail



6. Divide the harness to the drivers and passenger side. Route the passenger side wire to the door sensor on the front and to the rear.
7. In the floor board there is a drain hole. Drill a hole through the rubber grommet for the actuator and LED wires, from the slider assembly. Route them inside the cab through the hole.

Plug the connectors into the harness.



8. Mount the door sensors to the inside door frames. Use the stick pads provided. Mount the sensor just underneath the door latch. Route the wires around the body seam. Place a small piece of electrical tape on the body seam. Wrap the wire over the top of the tape towards the inside of the cab then secure the wire with another piece of electrical tape.





9. Route the door sensor plugs to the front and the rear doors. **Make sure that there is NO interference with the seat belt system. Secure all wires!**



10. Route the system disable switch, **POS+** and **NEG-** wires up the driver side to the "A" pillar on the front driver side door. Remove the side dash panel. Drill a hole in the dash to accommodate the switch. Run the three wires for the disable switch through the dash and plug into the back of the switch. Mount the ground from the plug to a metal surface for the switch illumination.



11. Route the **POS+** and **NEG-** wires through the fire-wall on the driver side. **Make sure not to interfere with any of the pedal linkage under the dash.**
12. Route wires along the fire-wall securing the 2 wires to the harness across the fire-wall.
13. Remove fuse and hook the **NEG-** to the **NEG-** side of the battery. **POS+** to the **POS+** side of the battery.
14. Position door sensor magnet on the catch side of each door. Make sure the magnet is in line with the sensor both on top and fore and aft. **Make sure no to allow the magnet and sensor to come into direct contact, this will cause permanent damage to the sensor rendering it unusable.**



15. Plug in all connectors; check all wire to make sure that it is completely secure and free from coming in contact with any moving parts, to prevent system damage due to a cut wire.
16. Reinstall all internal plastic and carpet that was removed. Make sure that all wires are tucked back and out of heavy traffic areas on the floor. Routing them toward the furthest back area underneath the rear seat.
17. Close all doors.
18. Insert the fuse into the holder on the POS+ side of the battery.
19. Check each door to ensure the proper alignment of the magnet in relation to the sensor. Once that proper placement is achieved we recommend using a permanent marker to outline the magnet on the door.

20. Step Slider Wiring Diagram

<u>Driver Side</u>	<u>Wire Color</u>
Front Door Sensor	Orange / Yellow
Rear Door Sensor	Orange / Pink
Diver LED Light	Brown / Tan
Driver Actuator	Red / Black

<u>Passenger Side</u>	<u>Wire Color</u>
Front Door Sensor	Green / Grey
Rear Door Sensor	Blue / White
Passenger LED Light	Pink / Tan
Passenger Actuator	Red / Black