



STEALTH POWER™

RUNNING BOARDS

INSTALLATION GUIDE



INSTALLATION COVERS
PART# RBP-509-SP

FOR APPLICATIONS:
2007-2018 JEEP WRANGLER JK UNLIMITED 4 DOOR



Your Complete Satisfaction is Our Number One Goal at Rolling Big Power, your satisfaction is why we're in business. If for any reason your experience with our product was anything less than satisfactory, please reach out to us. We'd love to have the opportunity to provide the product experience and service you deserve.

**For Installation Instruction videos visit our YouTube page at:
<https://www.youtube.com/user/rollingbigpowertv>**



STOP. DO NOT RETURN TO THE STORE. WE CAN HELP. QUESTIONS OR PROBLEMS, OUR TEAM OF PROFESSIONALS ARE HERE TO HELP.



CALL TOLL FREE 1-877-519-9090, MON-FRI: 8:00AM - 5:00PM PST

APPLICATIONS:

2007-2018 JEEP WRANGLER JK UNLIMITED 4 DOOR

TOOLS REQUIRED

- 5 MM ALLEN WRENCH
- 13 MM SOCKET AND WRENCH
- 10 MM COMBINATION WRENCH
- ELECTRIC DRILL
- CENTER PUNCH
- 7/16" DRILL BIT
- 21/64" DRILL BIT
- 10 MM NUT DRIVER TIP
- RAZOR BLADE
- RTV SILICONE
- 50/50 MIX OF ISOPROPYL ALCOHOL
- 1" WIDE MASKING TAPE
- MEASURING TAPE
- TORQUE WRENCH
- TOUCH UP PAINT



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PRODUCT TECHNICAL SPECIFICATIONS

Rated Voltage: 12V

Load Rating: 600 lbs per side

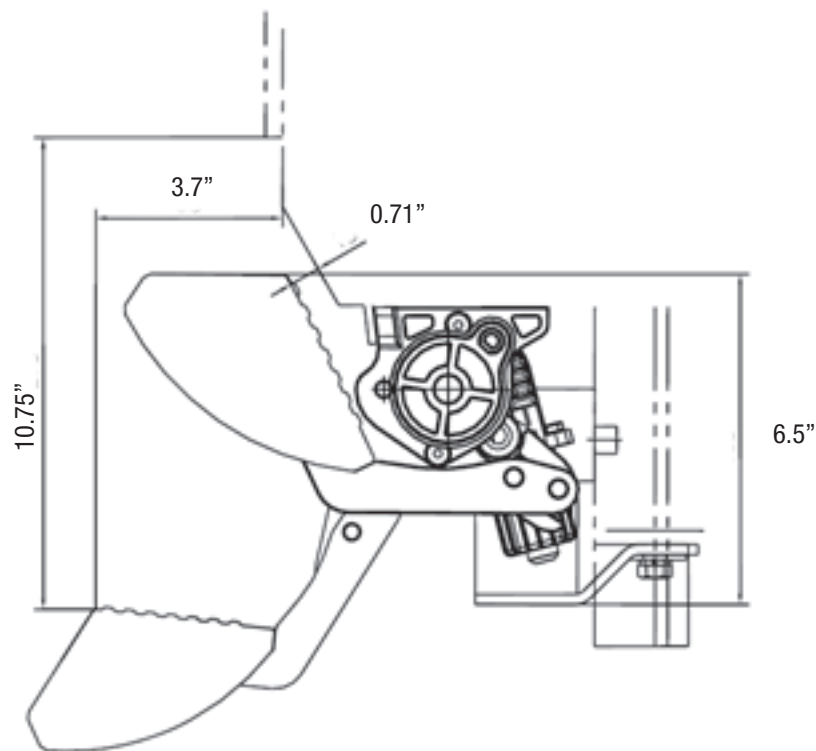
Gross Weight: 55 lbs

Horizontal Extension: 3.7"

(Horizontal distance between the edge of power board and the vehicle door when the board extends)

Step Height: 10.75"

(Vertical height difference between the edge of power board and the vehicle door while board extending.)

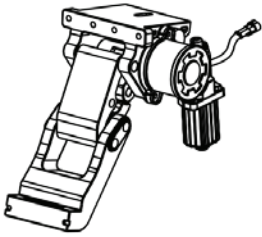
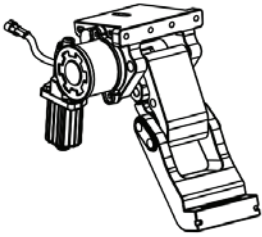
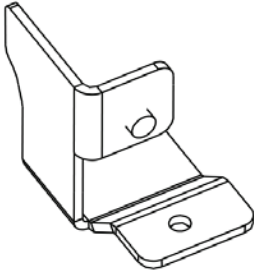
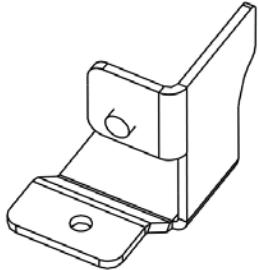
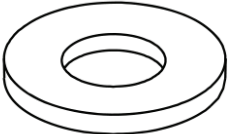
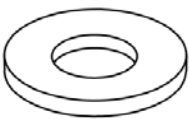
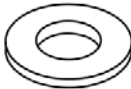



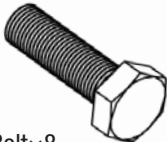
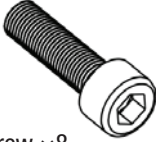
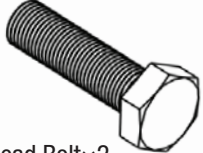
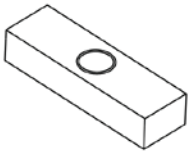
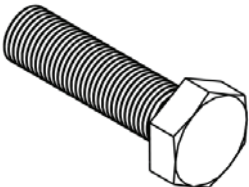
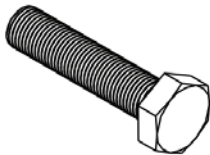
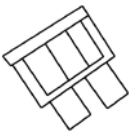
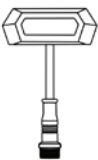

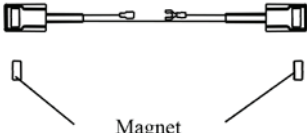
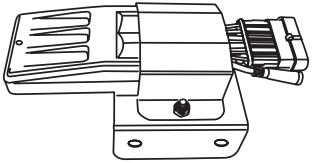


WARNING: Keep a minimum of 10" safe distance while the Stealth Power[™] Running Board is operating to avoid any personal injury or damage to the running boards. Stealth Power Running Boards are not designed to provide vehicle body protection. Components can be damaged by hard impact or contact with foreign objects.

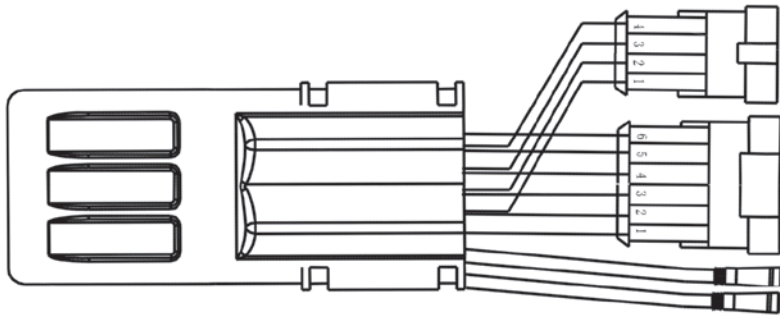


Stealth Power™ Running Board Parts List

Please verify that all listed components were included in your package. If not, please call our team at 877-519-9090 for assistance.

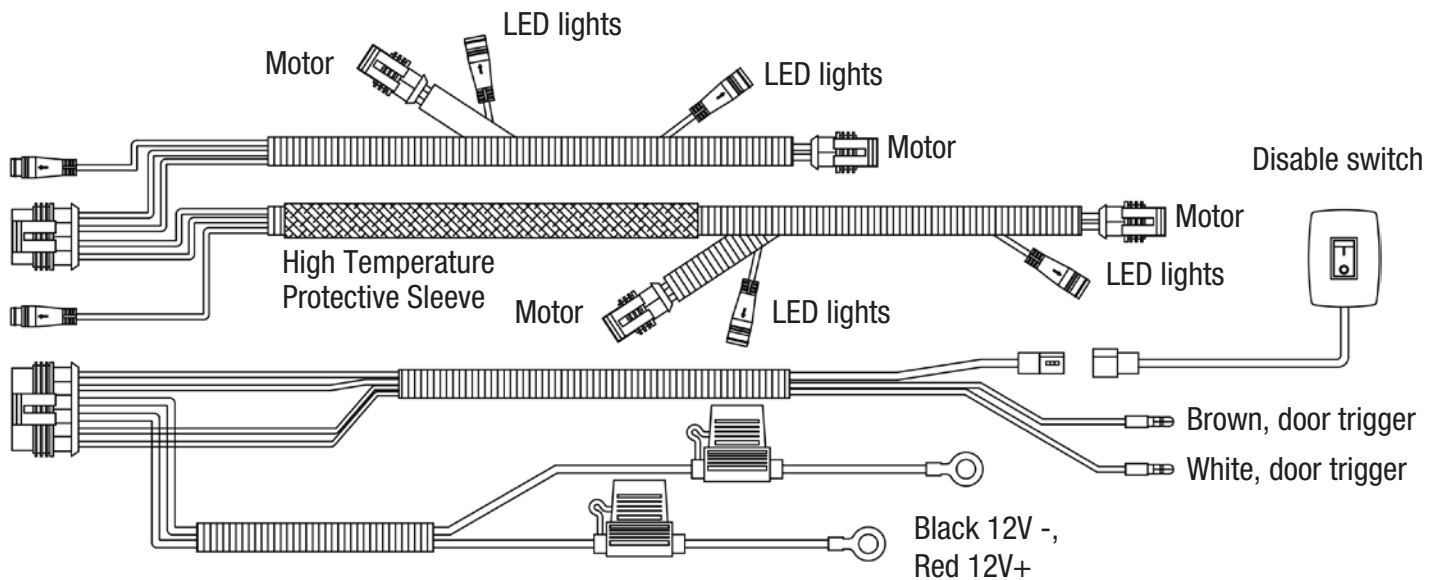
 <p>Left Front Motor Linkage Left Rear Motor Linkage</p>	 <p>Right Front Motor Linkage Right Rear Motor Linkage</p>	 <p>Motor Protective Plate Left JP-L×1</p>	 <p>Motor Protective Plate Right JP-R×1</p>	
 <p>Larger Washer Grade A×2</p>	 <p>Larger t Washer Grade A×12</p>	 <p>Flat Washer×3</p>	 <p>Spring Washer×2</p>	 <p>Spring Washer×15</p>
 <p>Mounting Plate JP4×2</p>	 <p>Hexagon Head Bolt×8</p>	 <p>Socket Cap Screw ×8</p>	 <p>Hexagon Head Bolt×2</p>	
 <p>M12 Tension Block×2</p>	 <p>Hexagon Head Bolt×2</p>	 <p>Hexagon Head Bolt×4</p>	 <p>20A Fuse×2</p>	 <p>LED Lamp Module×4</p>
 <p>Wire Tie×25</p>	 <p>Wired Magnetic Induction Module ×2 Magnet ×4</p>	 <p>Controller mounting bracket</p>		

PRODUCT PACKING LIST



Notice: As shown in the picture, there is a four-conductor plug, a six-conductor plug, a black two-conductor plug, and a red two-conductor plug.

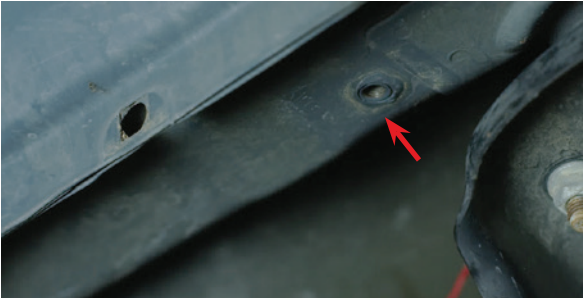
Controller Assembly



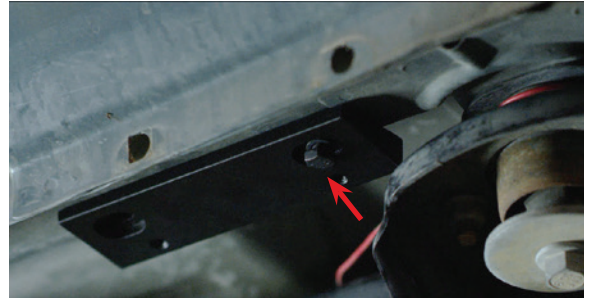
INSTALLATION INSTRUCTIONS

Step 1: Disconnect the battery. Begin with the negative battery terminal, followed by the positive terminal.

Step 2: Install the rear driver side motor mounting bracket using an M8 hex head bolt and split lock washer. Leave the hardware snug and hand tight.

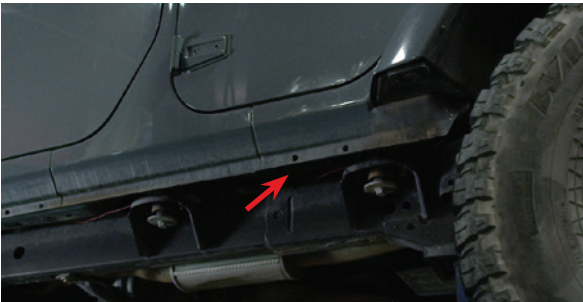


Step 2A

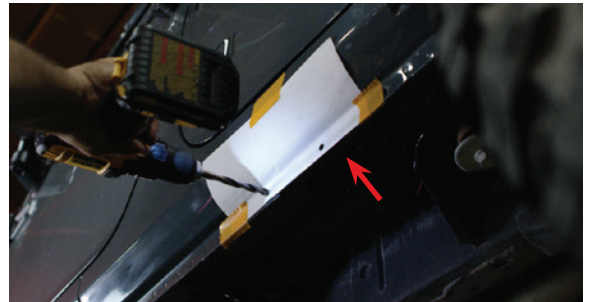


Step 2B

Step 3: Cut the driver side drill template. Using a measuring tape, double check that the 4.29" dimension on the template is correct. Align the template with the second to last hole on the pinch seam. Use a center punch to mark the hole location and drill the 21/64" hole. Use touch up paint to cover up any raw metal on the pinch seam.

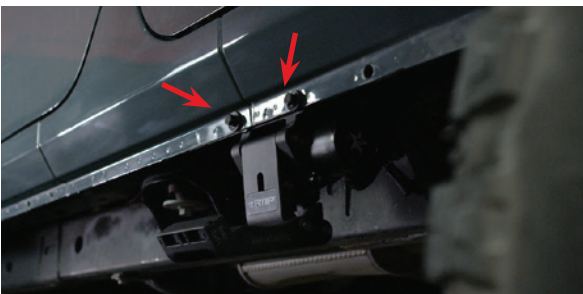


Step 3A



Step 3B

Step 4: Install the rear driver side motor using M8 hex bolts, flat washer, and split lock washer on the two pinch seam mounts. Use a flange head bolt to attach the motor to the mounting bracket installed in Step 2. Leave all of the hardware snug and hand tight.



Step 4A



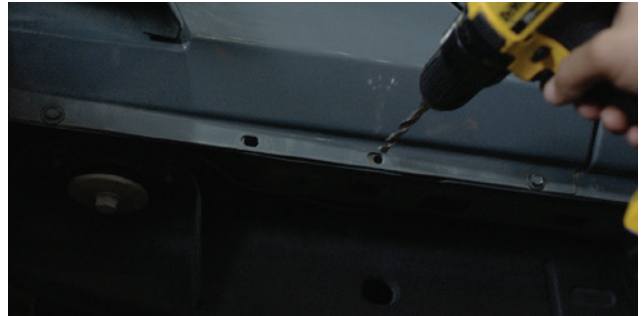
Step 4B

INSTALLATION INSTRUCTIONS

Step 5: Using a 21/64" drill bit, chase the two front motor mounting holes on the pinch seam. Use touch up paint to cover up any raw metal on the pinch seam.

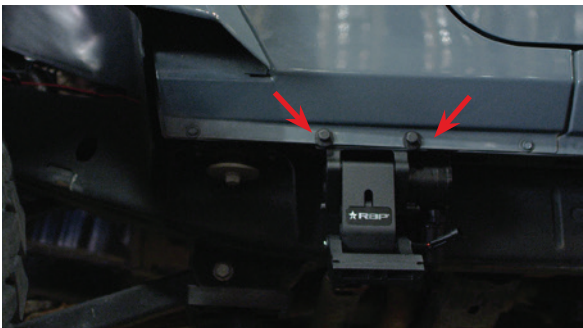


Step 5A



Step 5B

Step 6: Install the front driver side motor using M8 hex bolts, flat washer, and split lock washer on the two pinch seam mounts. Use a hex bolt and split lock washer to attach the motor to the treaded insert on the floorboard. Leave all of the hardware snug and hand tight.

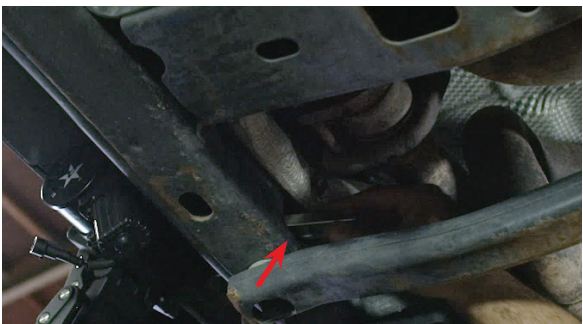


Step 6A



Step 6B

Step 7: Slide the M12 threaded insert into the slot on the side of the frame rail. Align treaded hole with the slot on the bottom of the frame rail.



Step 7A



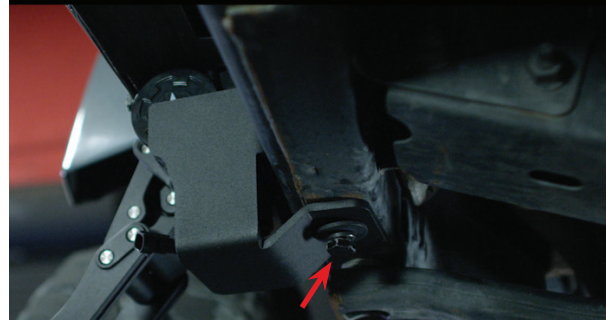
Step 7B

INSTALLATION INSTRUCTIONS

Step 8: Grab the front motor assembly and rotate it away from the frame rail to slide the front driver side motor protective bracket into place. Secure the protective bracket using an M12 hex bolt, flat washer, and split lock washer. Torque to 25 ft-lbs.



Step 8A



Step 8B

Step 9: Install the driver side running board.

9a. Begin by propping up the running board on the front and rear motor assembly bases.



Step 9A

9b. Next align the sliding T-Nut assemblies on the running board with the slots on the front and rear motor bases.



Step 9B

9c. Once the T-nuts are aligned, rotate the running board so that the T-nuts drop into the slots on the base of the arms.



Step 9C

9d. Secure the running board to the arms using the M6 x 25 socket head cap screws. Using a torque wrench, tighten to 9 ft-lbs.



Step 9D

Step 10: Now that the running board is installed, go back and tighten the hardware on the Driver Side front and rear motor assemblies. Using a torque wrench, tighten the mounting hardware to 18 ft-lbs.

Step 11: Repeat steps 2-10 to install the motor linkage assemblies and running board on the Passenger Side.

Step 12: Locate two holes on the pinch seam below the passenger side front door. Using two M8 hex head bolts, flat washers and split lock washers, install the controller mounting bracket. Using a torque wrench, tighten to 18 ft-lb.

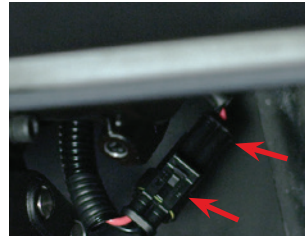


Step 12



INSTALLATION INSTRUCTIONS

Step 13: Locate the electrical pigtail with the female socket connector on the passenger side front and rear motors. Route the electrical harness from the controller along the frame rail of the Jeep. Connect the male plug connector on the wire harness into the female socket on the motor. The harness is labeled Front Right for the front passenger motor and Rear Right for the rear passenger side motor.



Step 13



Step 14: Align the arrows on the small round connectors and plug the passenger side front and passenger side rear LED lights. Prepare the surface by cleaning with a 50/50 mix of isopropyl alcohol and water or equivalent. Once the surface is completely dry, peel the backing from the double-sided tape and stick the LEDs to the bottom side of the rocker panel. Stick the LED lights at the center of the front and rear driver side doors.

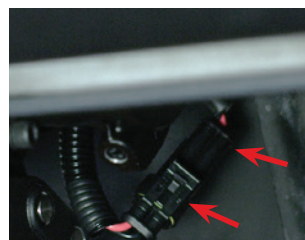


Step 15



Step 15: Route the motor and LED wire harness from the controller on the passenger side of the vehicle to the driver side frame rail of the Jeep. When routing the harness keep clear from any moving parts and avoid direct contact with the exhaust system.

Step 16: Locate the electrical pigtail with the female socket connector on the driver side front and rear motors. Route the electrical harness from the controller along the frame rail of the Jeep. Connect the male plug connector on the wire harness into the female socket on the motor. The harness is labeled Front Let for the front driver motor and Rear Left for the rear driver side motor.



Step 16



Step 17: Align the arrows on the small round connectors and plug the driver side front and driver side rear LED lights. Prepare the surface by cleaning with a 50/50 mix of isopropyl alcohol and water or equivalent. Once the surface is completely dry, peel the backing from the double-sided tape and stick the LEDs to the bottom side of the rocker panel. Stick the LED lights at the center of the front and rear driver side doors.



Step 17



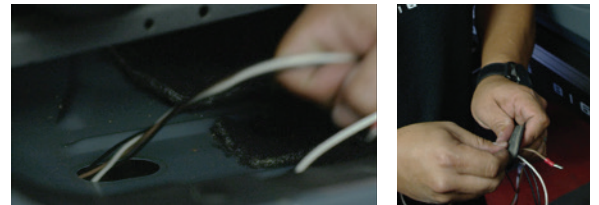
INSTALLATION INSTRUCTIONS

Step 18: On the passenger side, remove the front kick panel, front door sill trim panel and b-pillar trim panel. Go under the passenger seat and locate the split in the carpet. Pull the rear half of the carpet back to expose the oval rubber drain plug. Pull the drain plug and drill a 7/16" hole as shown.



Step 18

Step 19: Go under the vehicle and feed the door trigger signal wires (white and brown) and the disable switch wires (two black wires) into the cab. Feed the wires thru the hole in the rubber drain plug. Pop the drain plug back into the slot. Seal around the wires using RTV silicone adhesive to prevent water intrusion.



Step 19

Step 20: Route the passenger side door trigger wire (brown) towards the passenger side b-pillar. Route the driver side door trigger wire (white) under the center console and over to the driver side b-pillar. Route the black disable switch wires to the center console.

Step 21: The door trigger sensor harness will need a ground connection to the vehicle. Locate the seat belt assembly at the driver side b-pillar and install the ground wire under the top bolt of the seat belt assembly.

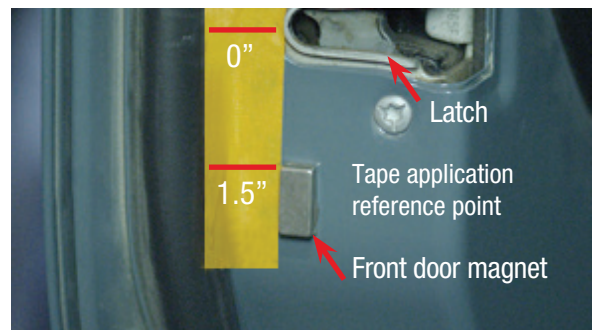


Step 21

Step 22: Connect the snap in bullet connector to the brown wire on the passenger side. The driver side door trigger harness is connected to the white wire that was routed under the carpet to the driver side b-pillar in step 20.



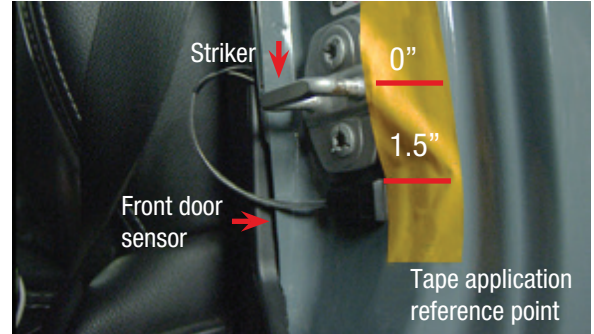
Step 23: Apply a vertically oriented strip of masking tape on the front driver side door using the deepest part of the latch as a reference point. Make a mark 1.5" below the center line of the latch. Prepare the surface by cleaning with a 50/50 mix of isopropyl alcohol and water or equivalent. Once the surface is completely dry, peel the backing from the double-sided tape and stick the magnet to the door. Align the top of the magnet with the 1.5" mark as shown.



Step 23

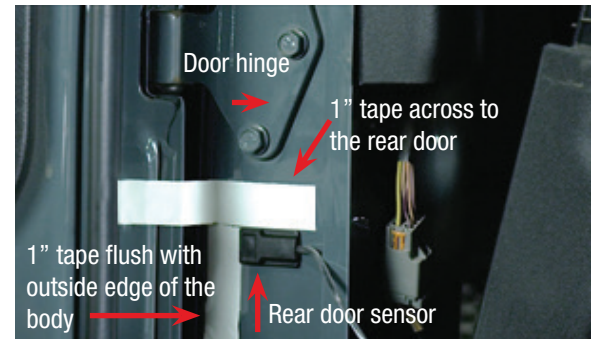
INSTALLATION INSTRUCTIONS

Step 24: Apply a vertically oriented strip of masking tape on the door jamb using the outer edge of the front driver side door striker as a reference point. Make a mark 1.5" below the center line of the striker. Lift the bulb door seal to route the sensor wire underneath it. Prepare the surface by cleaning with a 50/50 mix of isopropyl alcohol and water or equivalent. Once the surface is completely dry, peel the backing from the double-sided tape and stick the sensor to the door jamb. Align the top of the sensor with the 1.5" mark as shown.



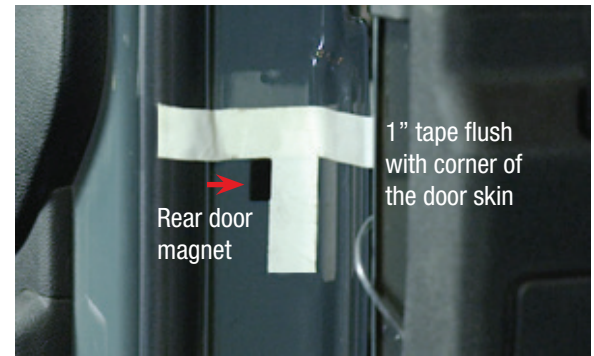
Step 24

Step 25: Apply a horizontally oriented strip of masking tape on the rear driver side door jamb approximately 1/2" below the lowest point of the door hinge. Extend the tape all the way across to the door. Apply a vertically oriented 1" wide strip of tape flush with the outside edge of the body. Prepare the surface by cleaning with a 50/50 mix of isopropyl alcohol and water or equivalent. Lift the bulb door seal to route the sensor wire underneath it. Once the surface is completely dry, peel the backing from the double-sided tape and stick the rear door sensor to the door jamb as shown.



Step 25

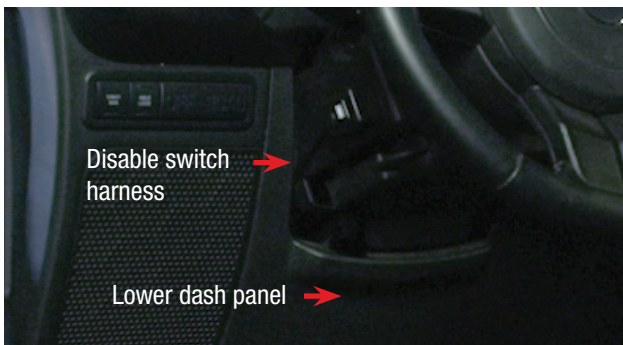
Step 26: Apply a vertically oriented 1" wide strip of tape flush with the inside corner of the door skin. Prepare the surface by cleaning with a 50/50 mix of isopropyl alcohol and water or equivalent. Once the surface is completely dry, peel the backing from the double-sided tape and stick the magnet to the door as shown.



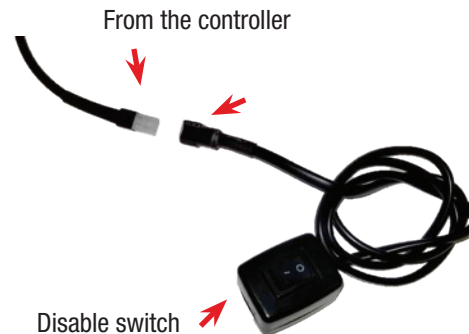
Step 26

Step 27: Repeat steps 23-26 to install the passenger side door trigger sensors and magnets.

Step 28: Route the Disable switch harness behind lower dash trim panel. Plug the disable switch connector into the black wire harness that was routed under the carpet to the center console.



Step 28



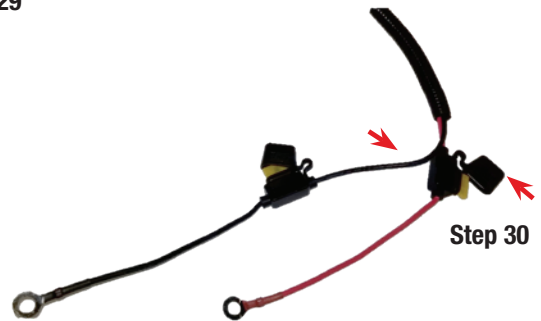
INSTALLATION INSTRUCTIONS

Step 29: Prepare the surface by cleaning with a 50/50 mix of isopropyl alcohol and water or equivalent. Once the surface is completely dry, peel the backing from the double-sided tape and stick the disable switch to the steering column.



Step 29

Step 30: Remove the 20 Amp fuses from the main positive and negative 12V power leads on the main harness. Route the power wires over the passenger side wheel well and into the engine compartment. Connect the ring terminals to the battery positive and negative posts.



Step 31: Install the 20 Amp fuses back on the main negative and positive 12V power leads of the main power harness.



Step 31

Step 32: Connect the battery. Begin with the positive terminal, followed by the negative terminal.

Step 33: Open and close all four doors to test the operation of your new Stealth Power Running boards. Please note that there is a 4 second delay for the running boards to retract after the doors are closed.

Step 34: Open the driver side door and keep the door open. Flip the disable switch to the “O” or Off position. This will signal the running boards to retract to the stowed position and it will disable any further operation until the switch is flipped to the “I” or On position.

Thank you for choosing RBP! We hope you enjoy your new Stealth Power Running Boards. We would love to hear about your experience and see your vehicle decked out with our products. To share simply tag us using #Rollingbigpower, #RBP or #RBPStealthPower or DM us on Facebook and Instagram and visit us on YouTube!



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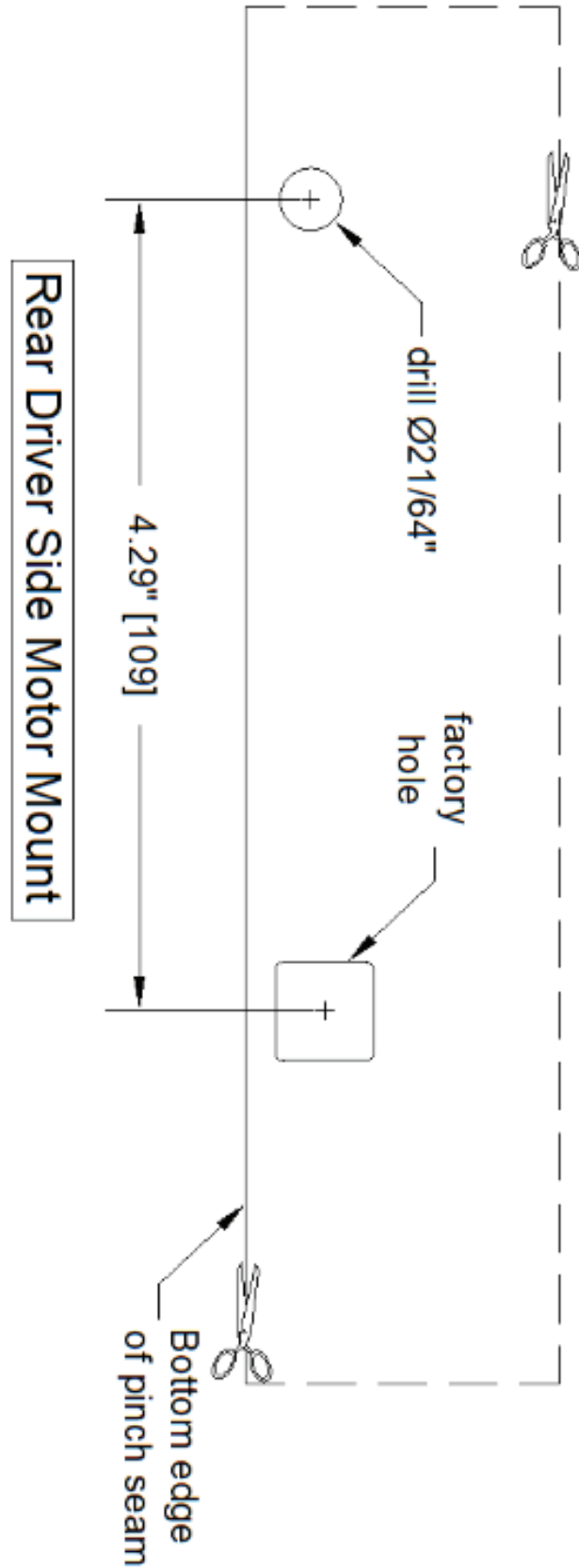


@rollingbigpower

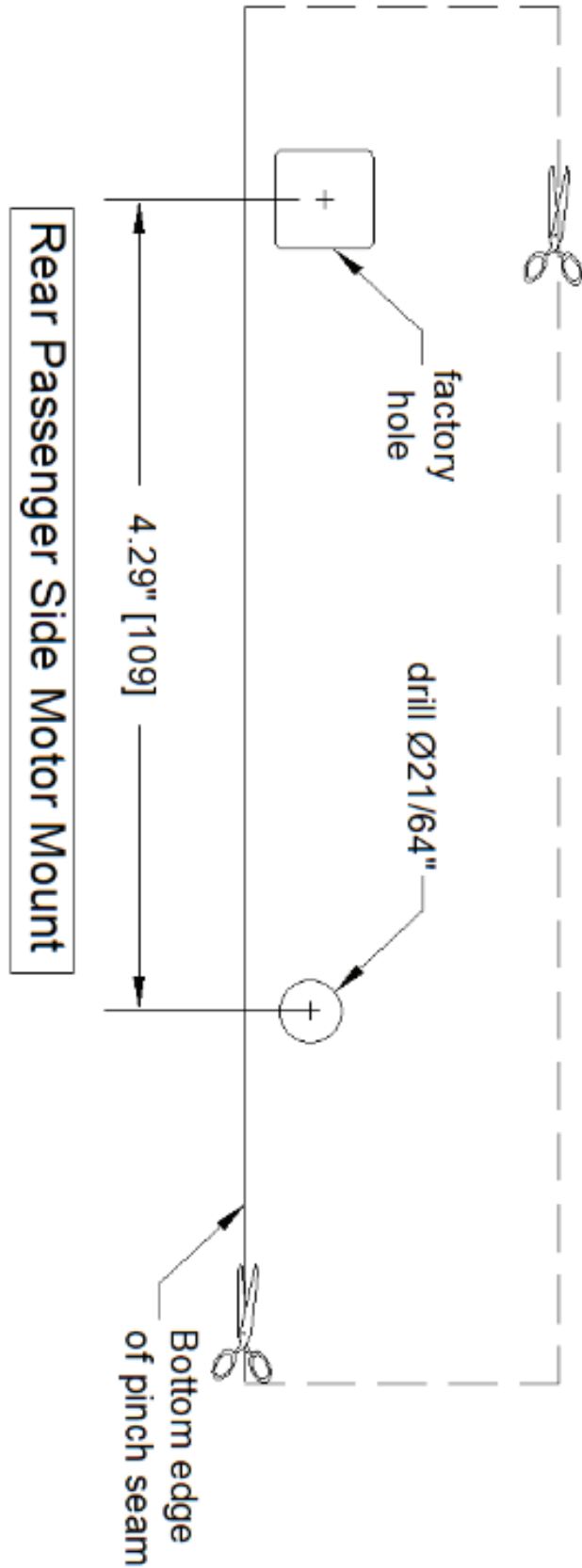


RollingBigPowerTV

INSTALLATION INSTRUCTIONS



INSTALLATION INSTRUCTIONS





RBP STEALTH POWER WARRANTY

Rolling Big Power believes in true customer satisfaction. We strive to provide you, our customer, with a delightful experience with our products. In the event that your experience is not delightful - please contact us and allow one of our professional customer service agents take care of you. Our primary goal is for you to become a customer for life - we're willing to earn it.

Rolling Big Power warrants that any RBP product purchased from an RBP Authorized Resellers will be free from any defects in manufacturing, materials and workmanship for five years from original date of purchase, for the original purchaser for the product installed on the purchaser's original vehicle. Please validate your warranty by REGISTERING YOUR RBP PRODUCT.

NOTE: If you purchased an RBP product from an unauthorized reseller, the unauthorized reseller your warranty may or may not be honored. It is strongly recommended that you purchase RBP products from an RBP Authorized Resellers. To view dealers currently authorized to sell Rolling Big Power products, visit our website to see a complete list.

During the 5-year warranty period, RBP provides free replacement for any manufacturer's defects. RBP reserves the right to replace any individual component of the system, or the entire system at its sole discretion. RBP provides a limited lifetime warranty against rust on the running board assemblies for the original purchaser. Proof of purchase is required when submitting a request for warranty replacement. Within the limit of law, the interpretation of warranty policy solely belongs to RBP.

RBP STEALTH POWER WARRANTY

Exclusions to the RBP Stealth Power Warranty:

- Any product improperly installed, altered, lack of or improper maintenance or improper use of our products.
- No proof of purchase or RBP warranty registration as noted above
- Purchased from an unauthorized reseller
- Failure due to misuse, abuse, neglect or impact/collision
- Any cosmetic scratches or discoloration or any other cosmetic condition that does not affect mechanical operations
- Failure caused by force majeure
- Improper maintenance or care
- Any and all costs of removal, installation, freight, incidental or consequential damages are excluded from this warranty.



KINGS



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SUSPENSIONS

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DVB
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FACTORY 55
WARN
EXPERIMENTAL
SUSPENSIONS



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