



ROLLING BIG POWER

STEALTH POWER™

RUNNING BOARDS

INSTALLATION GUIDE



INSTALLATION COVERS
PART# RBP-308-SP-XD

FOR APPLICATIONS:
2017-2019 F250/350/450/550 SUPER DUTY SUPER CAB





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 amazing, 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:

2017-2019 F250/350/450/550 SUPER DUTY SUPER CAB

TOOLS REQUIRED

- 5 MM ALLEN WRENCH
- 13 MM SOCKET AND WRENCH
- 10 MM COMBINATION WRENCH
- ELECTRIC DRILL
- 10 MM NUT DRIVER TIP
- RAZOR BLADE
- RTV SILICONE
- 50/50 MIX OF ISOPROPYL ALCOHOL AND WATER
- 1" WIDE MASKING TAPE
- MEASURING TAPE
- TORQUE WRENCH



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PRODUCT TECHNICAL SPECIFICATIONS

Rated Voltage: 12V

Load Rating: 600 lbs per side

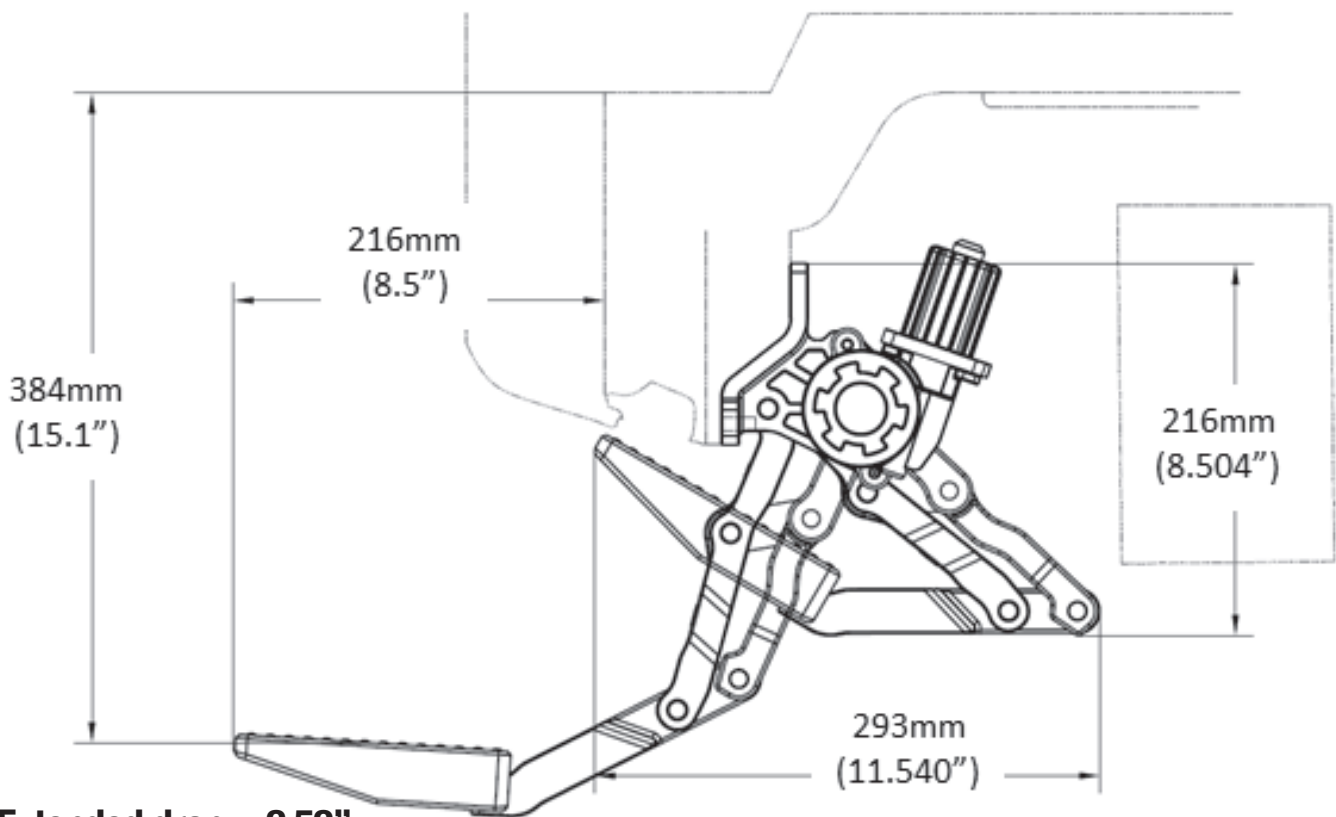
Gross Weight: 55 lbs

Horizontal Extension: 8.5"

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

Step Height: 15.1"

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



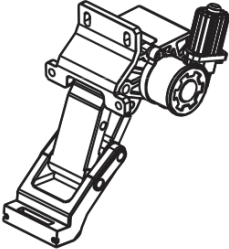
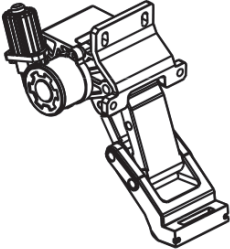
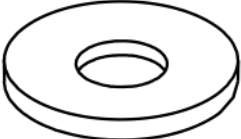
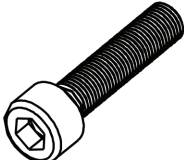
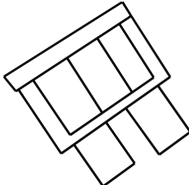
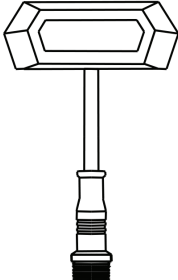
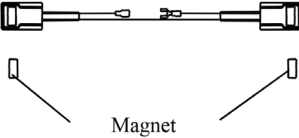
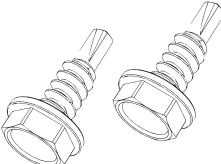
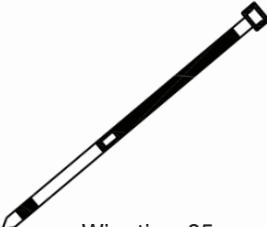
Extended drop = 2.52"

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

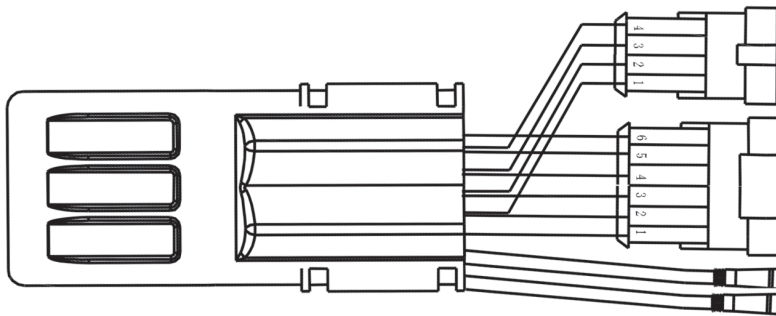


Stealth Power™ Running Board Parts List

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

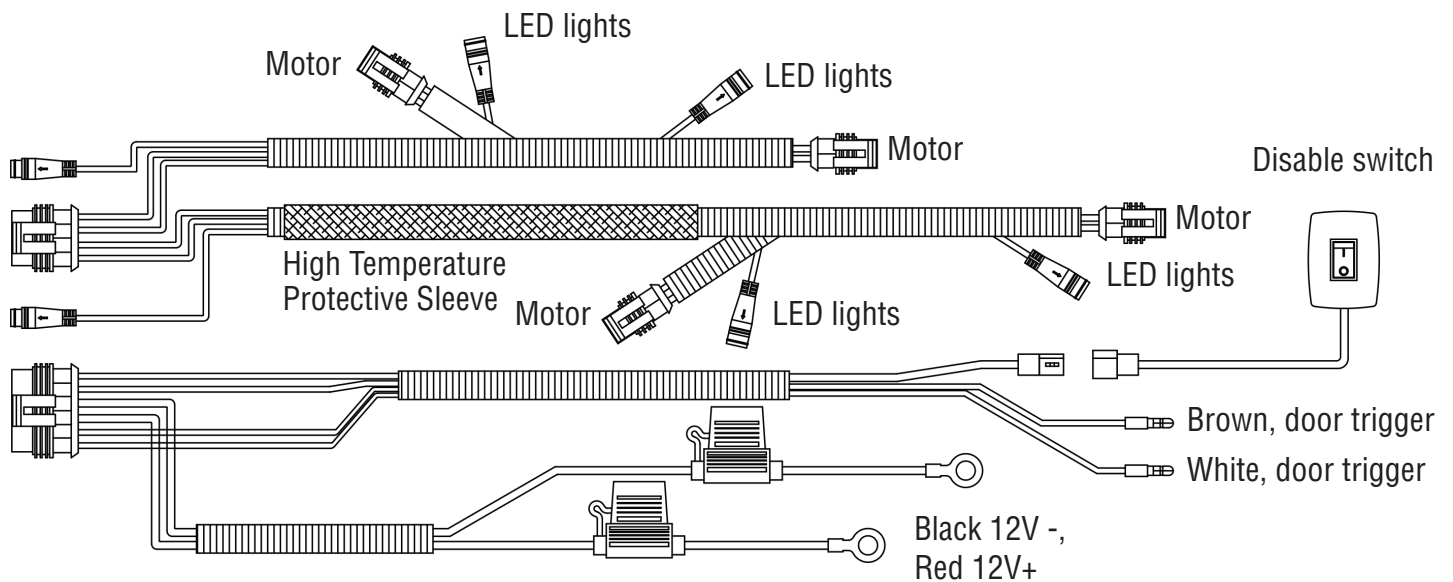
 Left Front Motor Linkage Left Rear Motor Linkage	 Right Front Motor Linkage Right Rear Motor Linkage	 Hexagon nut x 13	 Larger washer grade A x 13
 Spring washer x 13	 Hexagon head bolt x 8	 20A Fuse x 2	 LED Lamp Module x 4
 Wired Magnetic Induction Module x 2 Magnet x 4	 Self Tapping Screw x 2	 Wire tie x 25	

PRODUCT PACKING LIST

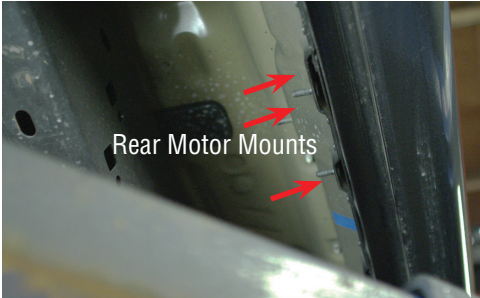


Notice: As shown in the picture, there is a four-conductor plug, a six-conductor plug, a black two-conductor plug, and a red two-conductor plug.

Controller Assembly



INSTALLATION INSTRUCTIONS

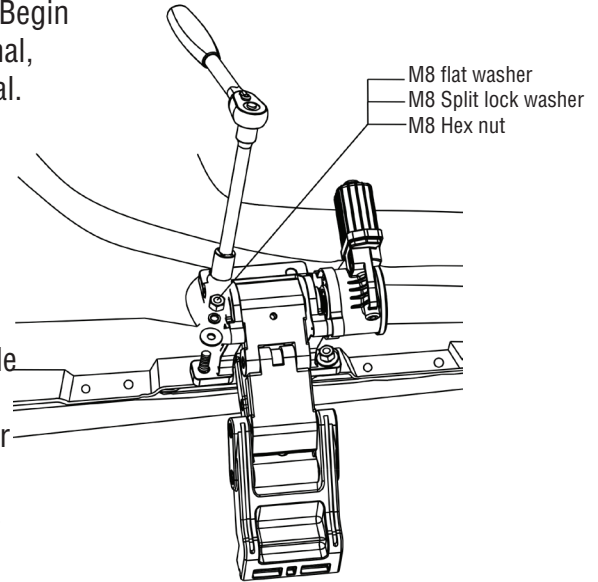


Step 1

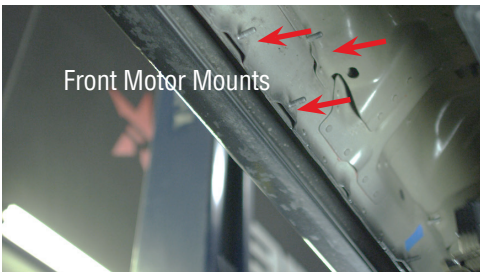


Step 2

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

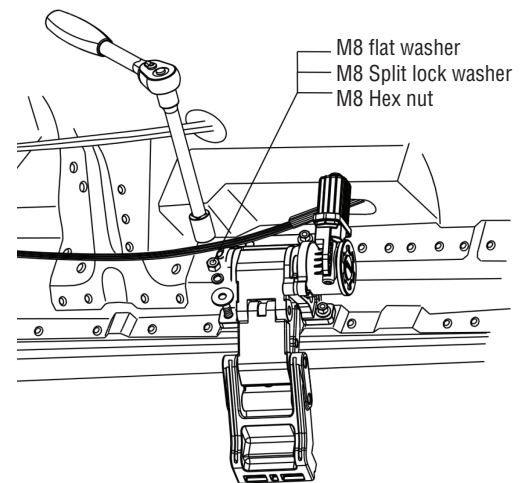


Step 2: Install the Rear Driver Side Motor linkage on the 3 threaded studs located on the inside rocker panel towards the rear of cab. Install using the M8 flat washers, M8 Split lock washers, and M8 Hex nuts. The hardware should be hand tightened only until snug. This will allow the motor assembly to move and align easier when installing the running board.



Step 3A

Step 3: Install the Front Driver Side Motor linkage assembly on the 3 threaded studs located on the inside rocker panel towards the front of the cab. Install using the M8 flat washers, M8 Split lock washers, and M8 Hex nuts. The hardware should be hand tightened only until snug. This will allow the motor assembly to move and align easier when installing the running board.



Step 3B



INSTALLATION INSTRUCTIONS

Step 4: Install the Driver Side running board.

4a. Begin by propping up the running board on the front and rear motor assembly bases.

4b. Next align the sliding T-Nut assemblies on the running board with the slots on the front and rear motor bases.

4c. 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.

4d. 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 4C

Step 5: 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 6: Repeat steps 2-5 to install the motor linkage assemblies and running board on the Passenger Side.



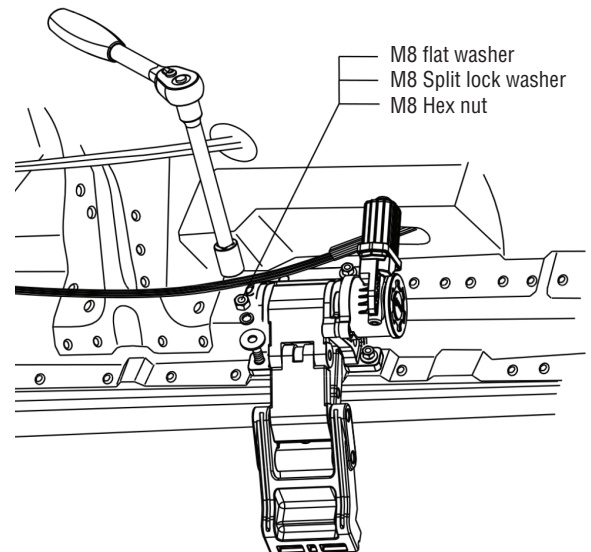
Step 4A



Step 4B

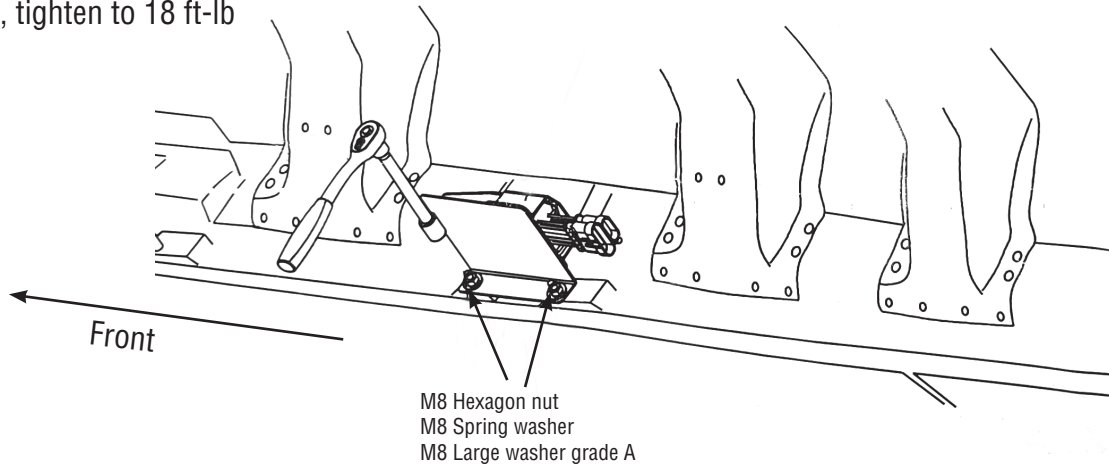


Step 4D

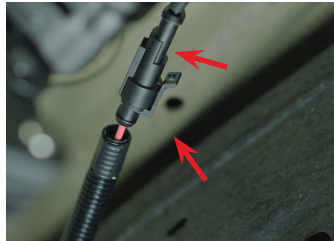


INSTALLATION INSTRUCTIONS

Step 7: Install the controller bracket on the two threaded studs located near the center of cab on the passenger side rocker panel. Using a torque wrench, tighten to 18 ft-lb



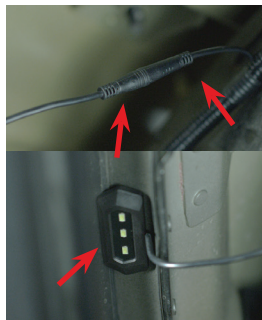
Step 8: Locate the electrical pigtail with the female socket connector on the passenger side front and rear motors. Route the electrical harness from the controller along the frame rail of the truck. Connect the male plug connector on the wire harness into the female socket on the motor. The harness is labeled Front Right for the front Passenger motor and Rear Right for the rear Passenger motor.



Step 8



Step 9: Using the small round connectors, 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 passenger side doors.



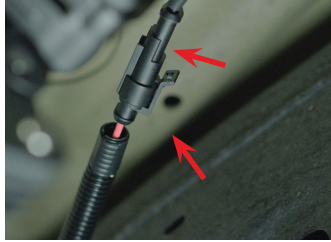
Step 9



Step 10: 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 vehicle. When routing the harness keep clear from any moving parts and avoid direct contact with the exhaust system.

INSTALLATION INSTRUCTIONS

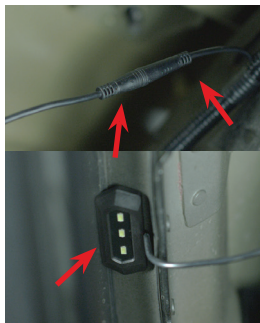
Step 11: Locate the electrical pigtail with the female socket connector on the passenger side front and rear motors. Connect the male plug connector on the wire harness into the female socket on the motor. The harness is labeled Front Left for the front Driver side motor and Rear Left for the rear Driver side motor.



Step 11



Step 12: Using the small round connectors, 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 12



Step 13: On the under side of the vehicle, locate the 1.5" diameter rubber grommet under the front passenger side floorboard. It is located between the frame rail and the rocker panel. Remove the grommet and make a small X cut with a razor blade.

Step 14: On the passenger side, remove the front kick panel, front door sill trim panel, and b-pillar trim panel. Pull the front passenger carpet back and route the door trigger signal wires (white and brown) and the disable switch wires (two black wires) into the cab. Seal around the wires using RTV silicone adhesive to prevent water intrusion.



Step 14

Step 15: Route the passenger side door trigger wire (brown) towards the passenger side b-pillar. Route the driver side door trigger wire (white) and the black disable switch wires under the center console to the left side of the vehicle. The white wire needs to go to the driver side b-pillar, the black wires will go to the steering wheel column.



Step 15

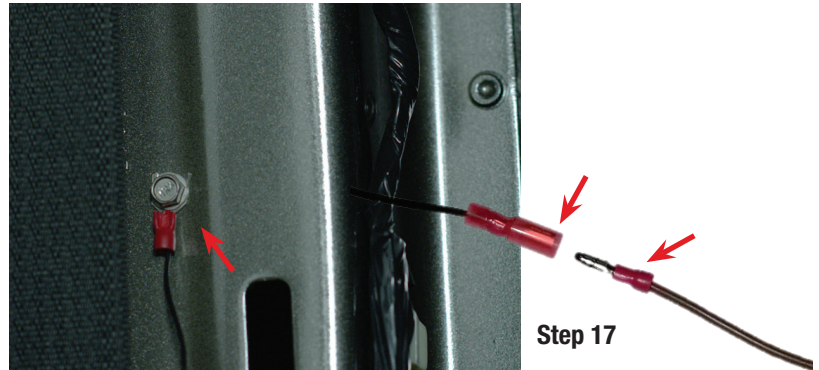
INSTALLATION INSTRUCTIONS

Step 16: The door trigger sensor harness will need a ground connection to the vehicle. A self tapping screw will have to be installed on the driver side b pillar. Use a drill with an M10 nut driver tip to install the self tapping screw on the passenger side b pillar. Locate the screw directly behind the seat belt about 18" from the floor board.

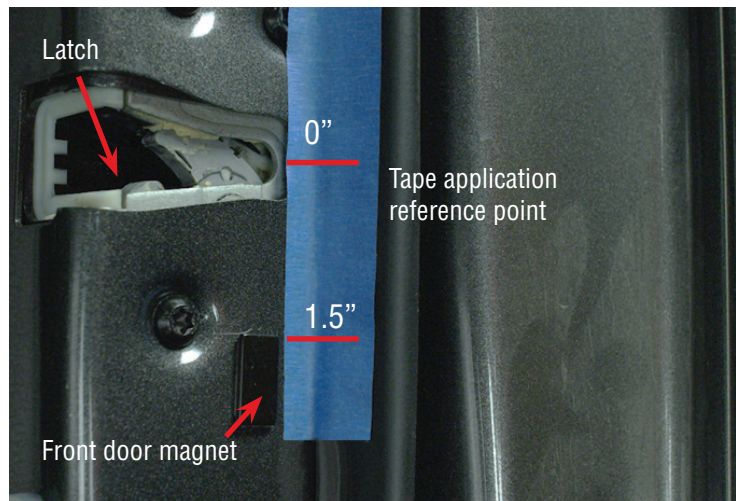
Step 17: Install the trigger wire harness spade connector under the self tapping ground screw. Connect the snap in bullet connector to the brown wire.

Step 18: Apply a vertically oriented strip of masking tape on the front passenger 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.

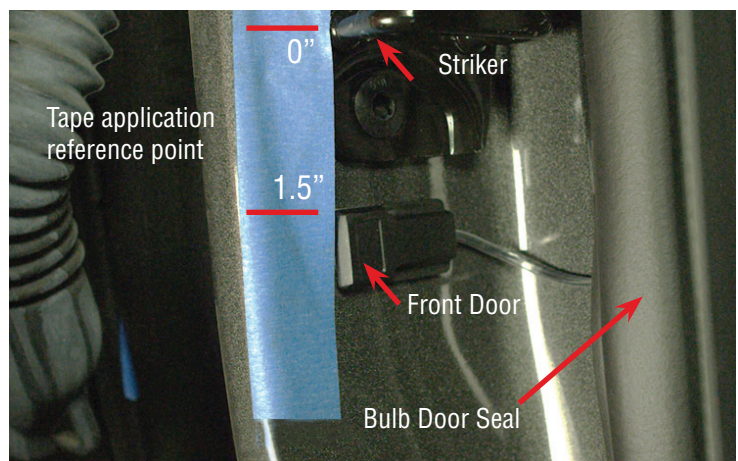
Step 19: Apply a vertically oriented strip of masking tape on the door jamb using the outer edge of the front passenger side door striker as a reference point. Make a mark 1.5" below the center line of the striker. Lift the bulb door seal to route the sensor wire underneath it. Prepare the surface by 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 b-pillar. Align the top of the sensor with the 1.5" mark as shown.



Step 16



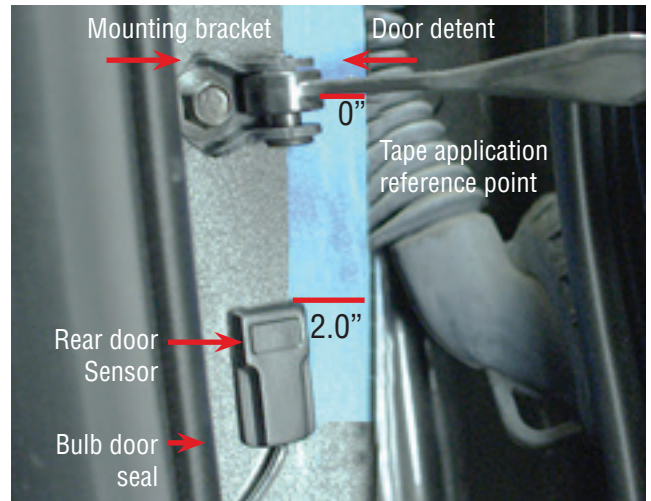
Step 18



Step 19

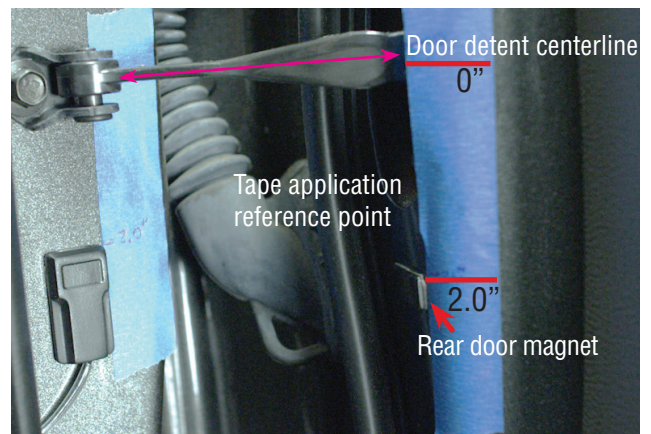
INSTALLATION INSTRUCTIONS

Step 20: Apply a vertically oriented strip of masking tape on the rear passenger side door jamb using the outside edge of the door detent mounting bracket as a reference point. Make a mark 2.0" below the center line of the door detent. 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. Align the top of the sensor with the 2.0" mark as shown.



Step 20

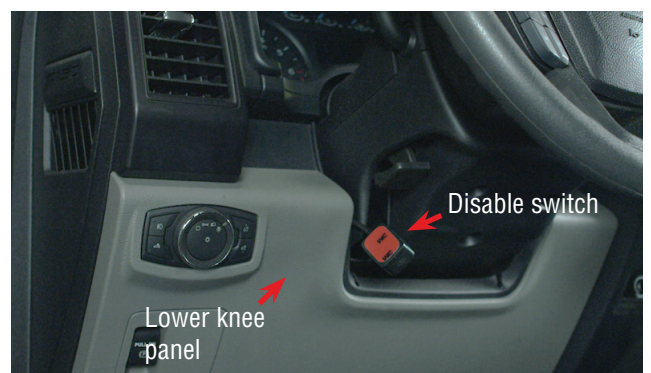
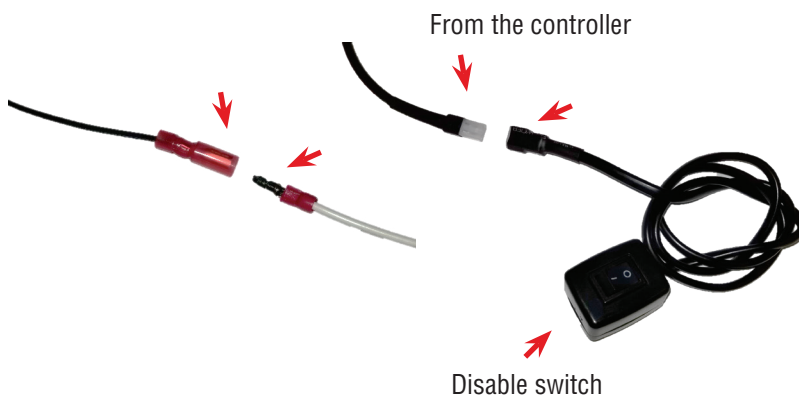
Step 21: Lay a vertically oriented strip of masking tape on the rear passenger side door using the inner edge of the door detent as a reference point. Make a mark 2.0" below the center line of the rear door detent. Prepare the surface by cleaning with a 50/50 mix of isopropyl alcohol and water or equivalent. Once the surface is completely dry, peel the backing from the double sided tape and stick the magnet to the b-pillar. Align the top edge of the magnet with the 2.0" mark as shown.



Step 21

Step 22: Repeat steps 16 – 21 to install the driver side door trigger sensors and magnets. 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 15.

Step 23: Route the disable switch wire harness behind the lower knee panel. Plug the disable switch connector into the black wire socket on the harness from the controller that was routed under the carpet to the center console in step 15.

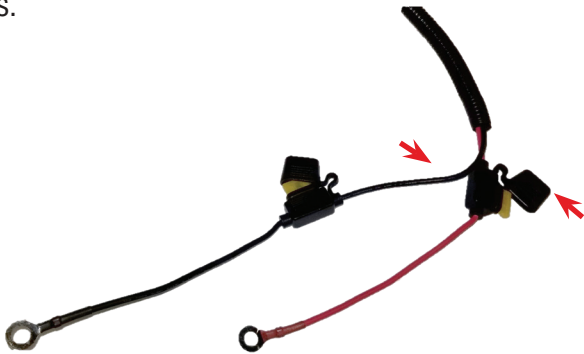


Step 23

INSTALLATION INSTRUCTIONS

Step 24: 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 next to the steering column on the lower dash panel.

Step 25: Remove the 10 Amp fuses from the main positive and negative 12V power leads on the main harness. Route the power wires over the wheel well and into the engine compartment. Connect the ring terminals to the battery positive and negative posts.



Step 26: Install the 10 Amp fuses back on the main negative and positive 12V power leads of the main power harness.

Step 27: Connect the battery. Begin with the positive terminal, followed by the negative terminal.

Step 28: Open and close all four doors to test the operation of your new Stealth Power Running boards.

Step 29: 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.



Step 24



Step 25

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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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.



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