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SLIDING DOOR OPEN LIMIT SWITCH REMOVAL AND INSTALLATION

MODEL	Power Toyota
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RELEASE SIGNATURES

Title	Signature	Date
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Tech Support	David Hagstrom	6/31/16
Engineering	Matt Petersen	6/31/16
Operations	Mike Lovato	6/31/16

SAFETY REQUIREMENTS





 Safety glasses	 1 Operator
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PARTS AND MATERIAL LIST

 CA3041-SP

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TOOLS NEEDED

 <p>10mm Socket</p>	 <p>Diagonal Cutters</p>	 <p>Wire Strippers</p>
 <p>Cordless Drill</p>	 <p>Recipricating Saw</p>	
 <p>Soldering Torch</p>	 <p>Soldering Wire</p>	

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SCOPE

This document provides detailed instructions and photos for Toyota door open limit switch retrofit

SPECIAL INFORMATION

OEM power to the sliding doors should be in the OFF position during retro-fit installation



1. Remove the weather-strip and pull out the wire harness for the old switch assembly



- Using a 10mm socket remove the switch assembly from the rail and place aside until you are ready to cut the wires



- Using a reciprocating saw or another suitable tool cut out the end of the slotted hole in the rail as shown. Make sure surface doesn't have any sharp edges left after the rail is cut.

CRITICAL TO QUALITY

The tang may become caught if you do not eliminate rail interference



- Install the new switch assembly CA3041-SP onto the bottom rail by placing slotted holes over the threaded studs of rail.



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5. Place washers and lock nuts onto the threaded studs.



6. With the door in a latched position, before tightening the switch assembly down, to attain the proper switch location, slide the switch assembly forward until you hear the switch click.



7. Using the cordless drill and 10 mm socket, tighten down the 2 nuts.



8. To wire the switch assembly, cut the wiring harness orange/white and black wire 9" from the end of the sleeve.



9. Strip ¼" of casing off both wires that have been cut. Twist the orange/white wires together and the two black wires together and solder.



10. Move heat shrink into position and heat evenly until no gaps are between wire and heat shrink. Once cool, slide loom casing back over wires and re-install into the panel. Be sure the weather-strip is replaced and set.



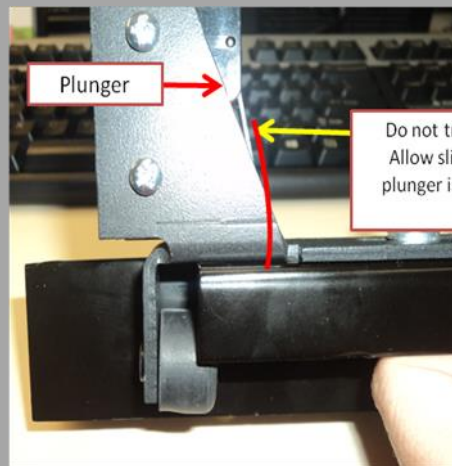
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11. Close the door and check the relationship of the door latch with the switch assembly.

CRITICAL TO QUALITY

You want to have some slight movement of the tang on the switch. Do NOT have it at full open.

Adjust the switch assembly as needed



12. Turn the power to the doors back on and run the door and ramp to ensure everything is working properly





Vantage Mobility International

Toyota Door Open Limit Switch Retrofit

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