

REVISED INSTRUCTIONS
8/22

INSTALLATION INSTRUCTIONS



THE
ELECTRIC BOLT
BY CARGO VAN LOCKS



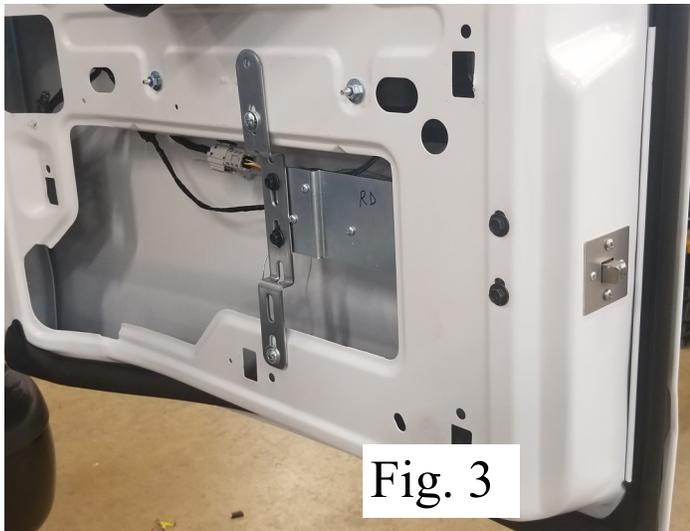
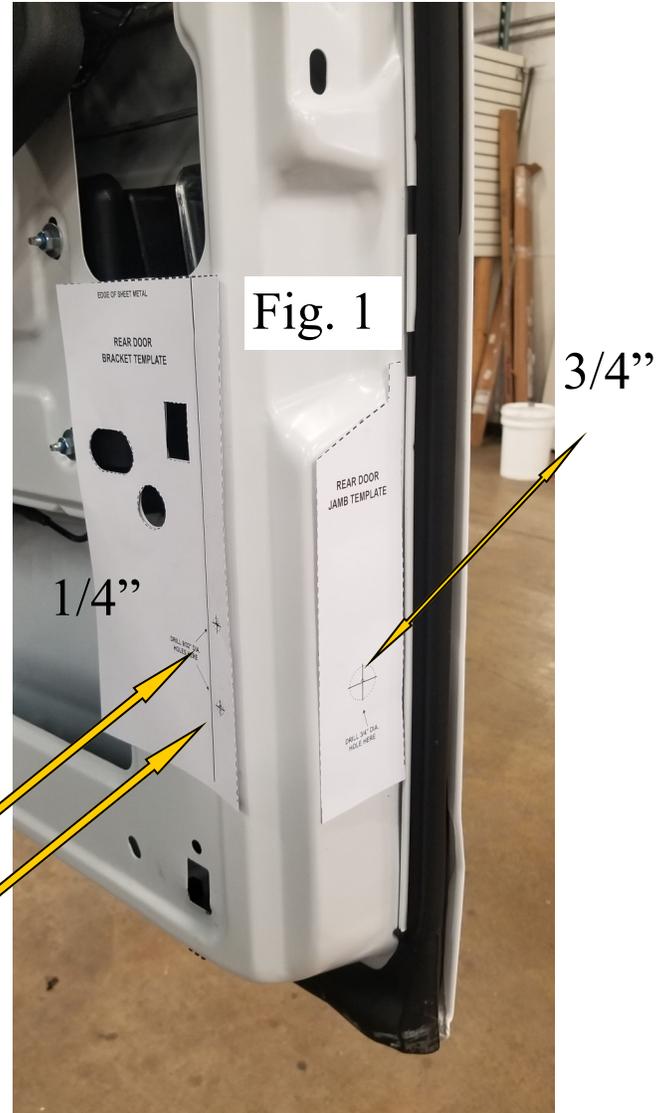
2006 – Current Model Chevrolet/GMC

We protect your tools from the constant threat of theft!

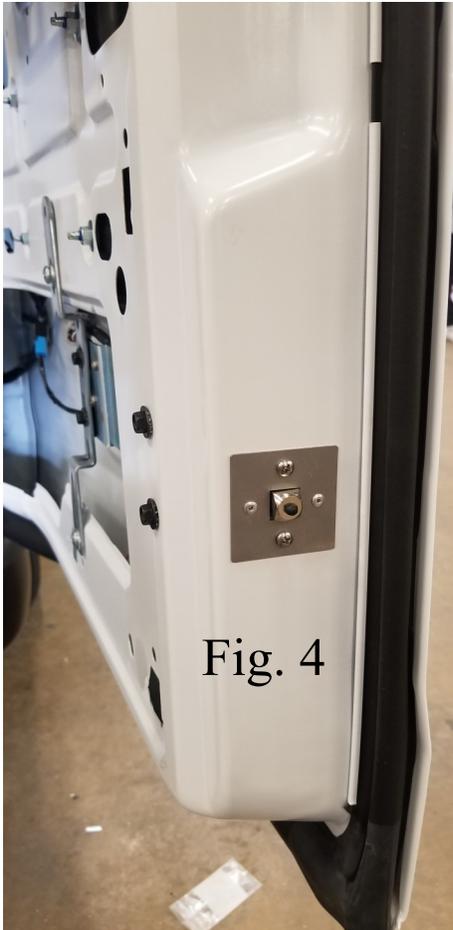
IMPORTANT NOTICE: Remember to paint all drilled holes with touch up paint to avoid rusting

DEADBOLT-REAR DOOR

1. Tape both the Rear Door Templates to the inside of the right rear door Fig.1
2. Carefully mark the hole locations with a center punch and drill holes as indicated on templates.
3. On rear door jamb template, mark the center hole location with a center punch. Drill a 1/4" pilot hole and then enlarge it with a 3/4" step drill. This will insure a clean and accurate hole. Fig. 2
4. Install the deadbolt assembly inside the door and fasten it in place with steel strap and two 1/4"-20 x 3/4" Phillips head bolts as shown in Fig. 3



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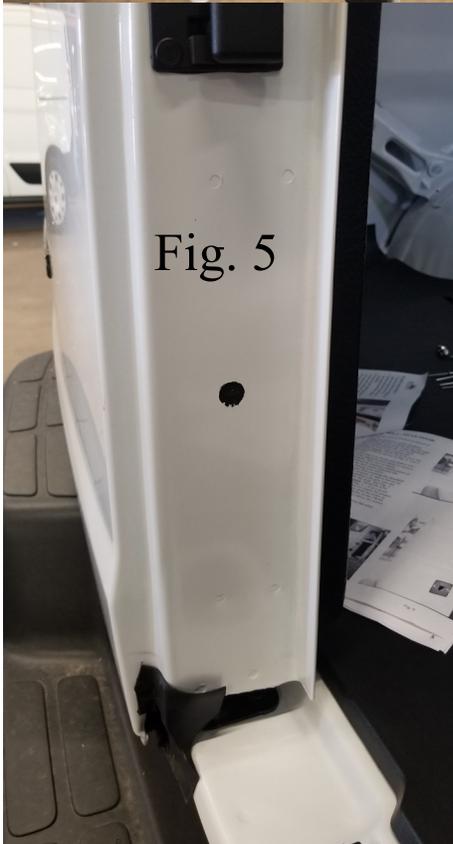


5. Check the operation of the deadbolt assembly. Be sure the it slides freely through the 3/4" door jamb hole. HINT: If the deadbolt rubs or binds against the hole, enlarge with a rattail file.

6. Install the square Trim Plate over the door jamb hole as shown in Fig 4. (It is a good idea to tape plate in place to check for proper positioning before drilling holes). Use 1/8th drill bit on the top and bottom holes 1st and attach plate with 2 # 8 Stainless Steel screws. These holes in plate are over sized to allow for minor adjustment. Then use 1/8th drill bit on the right and left holes. Then pop rivet the plate permanently in place.

7. Locate and drill a 3/4" hole in the opposite door jamb to receive the deadbolt. This can easily be accomplished by placing a small patch of putty on the end of the bolt. Then close both doors completely and push the bolt through to make contact with opposite door jamb. This will give you the exact location to drill a 3/4" hole. See Fig 5.

8. Then install the rectangular Trim Plate over the hole. See Fig. 6



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ELECTRICAL INSTRUCTIONS FOR BOTH DOORS

1. Attach the Female Spade Terminals to the actuator .Fig 1
2. Wrap wires with electrical tape as shown in Fig. 2
3. Carefully locate and cut the protective cover on the power door lock wire loom as shown in Fig. 3. Locate the Brown and Gray wire .
4. Strip wire and attach wires as shown in Fig. 4. Press the power door lock button to test the Electric Bolt to be sure the lock is working properly. (If Electric Bolt doesn't work then reverse the wires). Once you have tested the lock and it is working correctly, solder the wire connections and tape wire harness . Use zip ties to secure the wire harness to limit movement.
5. Repeat this step on side and rear doors



Fig. 1



Fig. 2

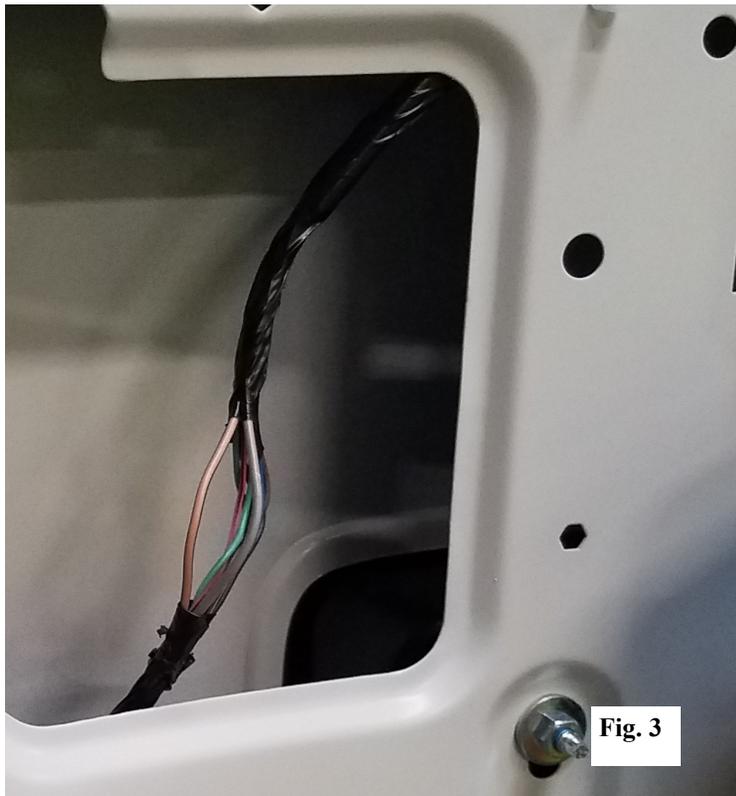


Fig. 3

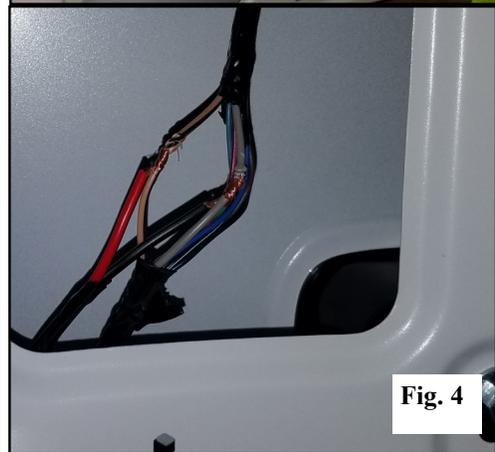


Fig. 4

***Please note that if you have factory power door locks without the factory remote – You may want to add a remote keyless entry system. This will give you the convenience of having to use your key to gain access to your van.

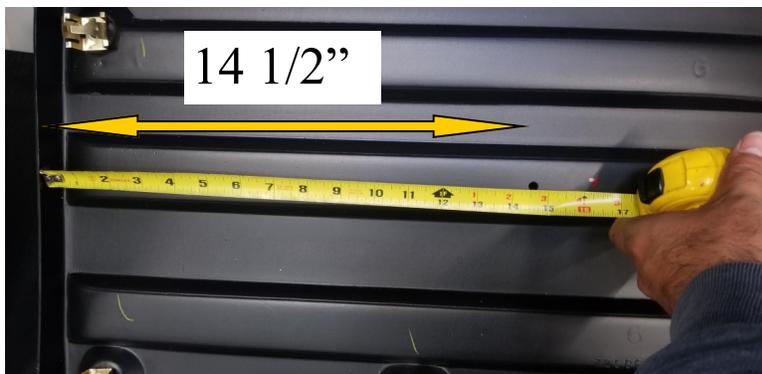


Rear Door Lock Safety Release

1. In the center of the second indent on the lower panel, measure 14 1/2" from the edge. Drill a 1/4" hole for the pull cable release.
2. Put panel back in place. Feed the release cable through the hole and attach the pull ring .
3. Place lock release safety sticker on door as shown in photo.



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SWING SIDE DOOR

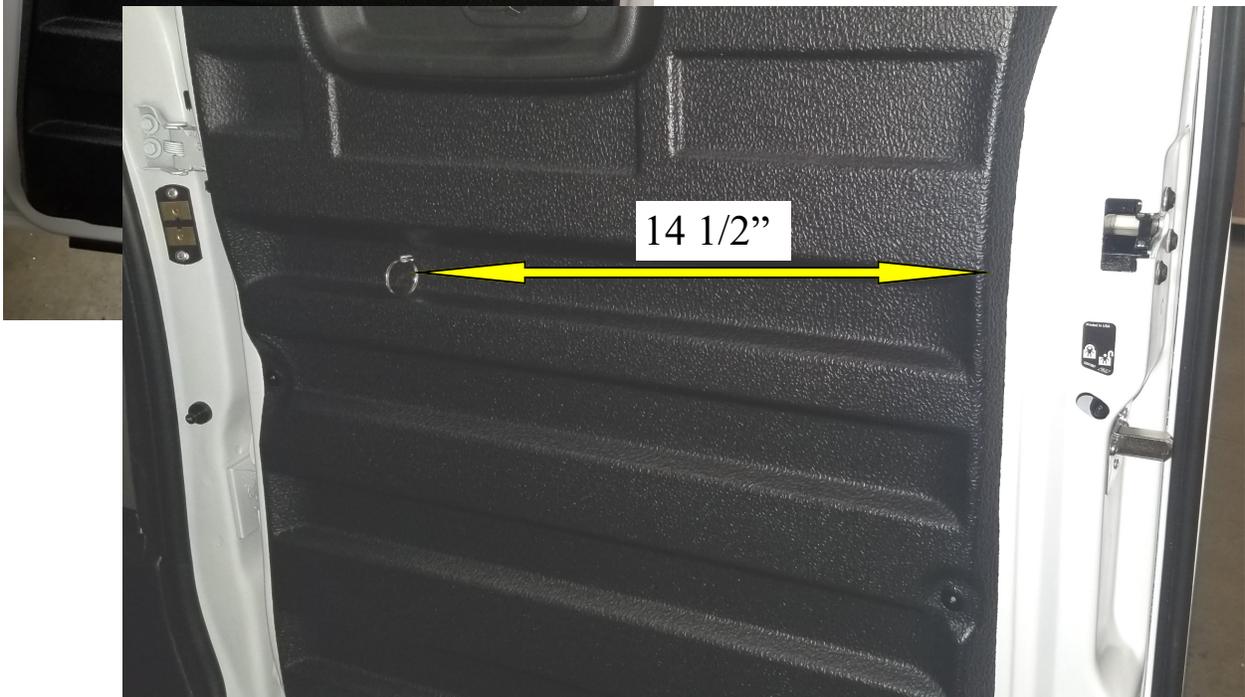
REPEAT THE SAME STEPS 1-8 ON PAGE 3 & 4





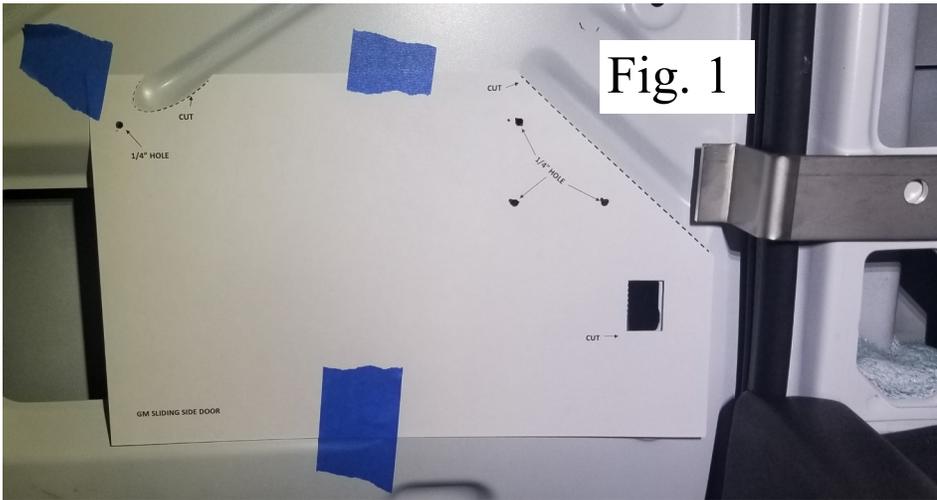
Swing Side Door Lock Release

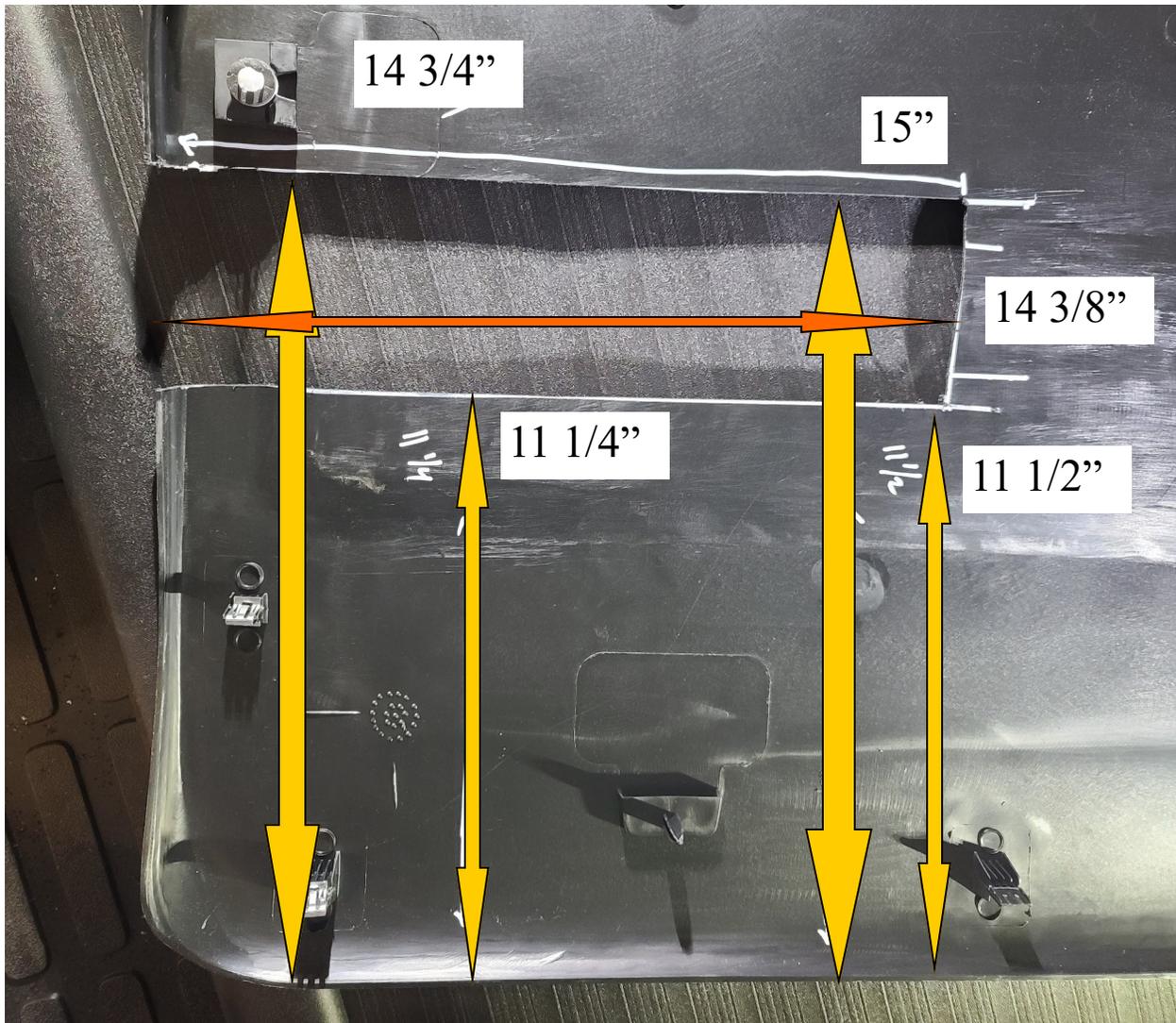
1. In the center of the second indent on the lower panel, measure 14 1/2" from the edge. Drill a 1/4" hole for the pull cable release.
2. Put panel back in place. Feed the release cable through the hole and attach the pull ring .
3. Place lock release sticker on door as shown in photo



Sliding Side Door Instructions

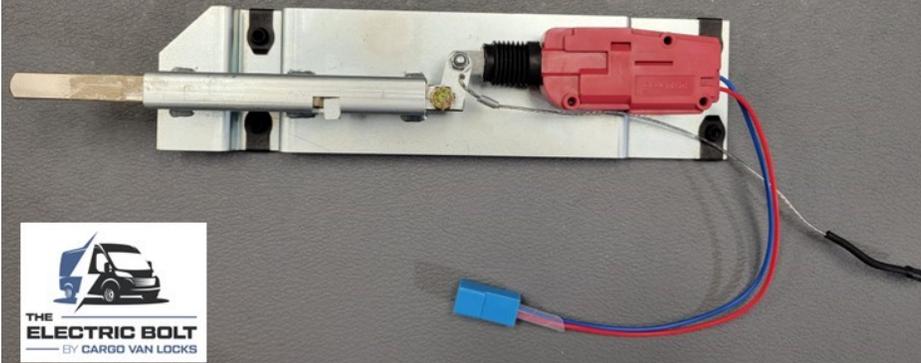
1. Remove lower door panel from sliding side door. Cut out template and tape into place. Mark the hole locations and use 1/4" drill-bit on these 4 holes as shown Fig. 1
2. Install the strike plate as shown in Fig. 4. Fasten it into place with one nut and bolt utilizing the existing hole on the sliding side door post. Tighten securely.
3. Install the deadbolt assembly from the inside the door and then fasten using the 4- 1/4-20 Phillips Truss Head Bolts -Tighten securely Fig. 2. Determine the exact location of deadbolt assembly. Be Certain that when the deadbolt is in the unlocked position it clears the strike plate when door is opened!
4. Connect the actuators wire to the factory actuator. (See Wiring Instructions on page 4) Test the deadbolt to insure it is clearing the striker plate Then drill out the second hole on strike plate. Tighten Securely
5. Once you have tested that bolt is working correctly and clearing the striker plate
6. Install deadbolt cover as shown in Fig 3.



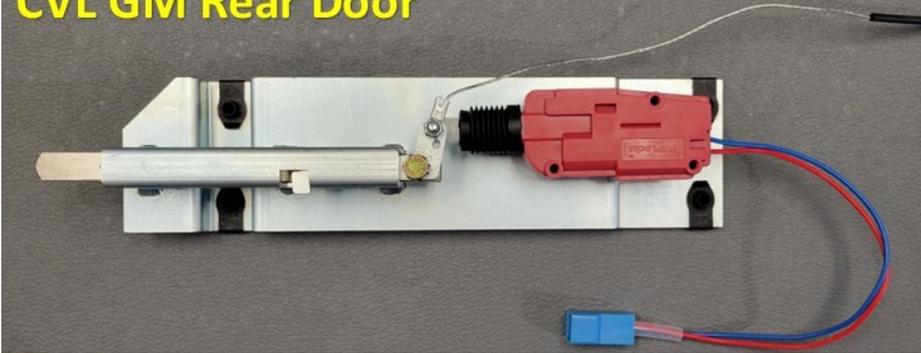


Sliding side door, mark the inside of door panel with the dimensions as shown. Carefully cut panel with sharp razor knife. Reattach the door panel. Sliding Side Door is done

CVL GM Side Swing Door



CVL GM Rear Door



CVL GM Silde Door Bracket





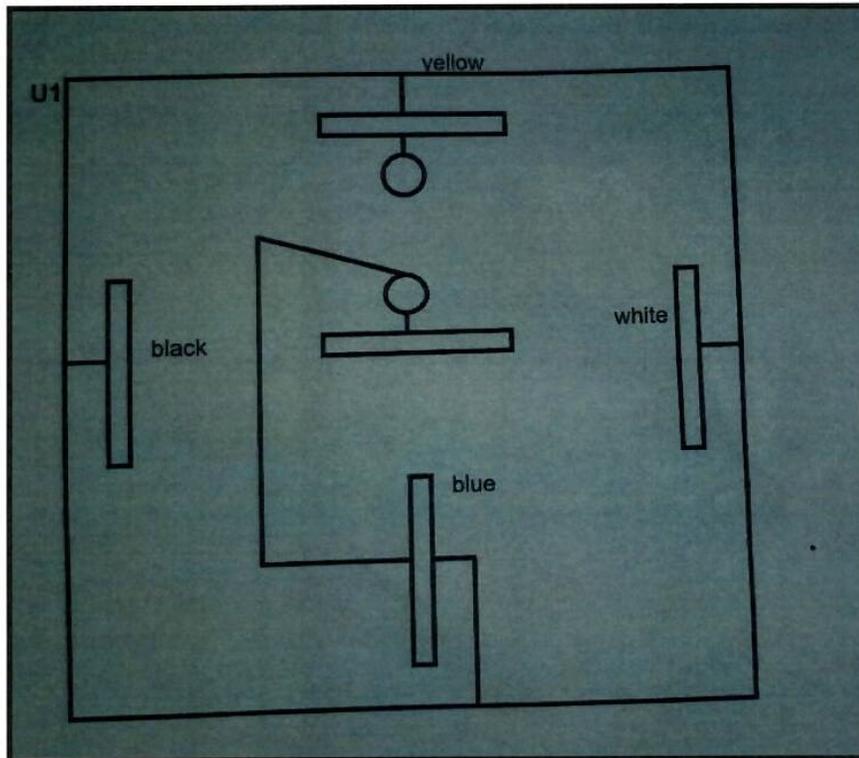
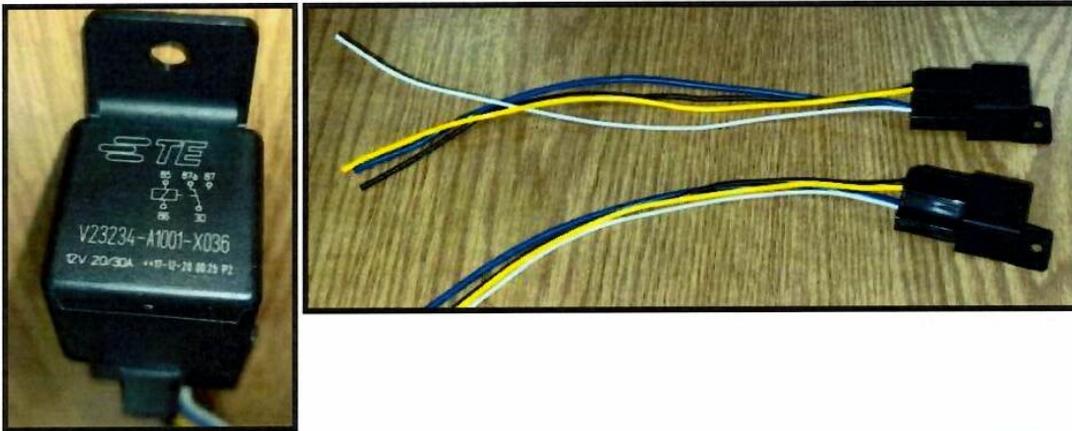
CVL GM Rear Install Kit

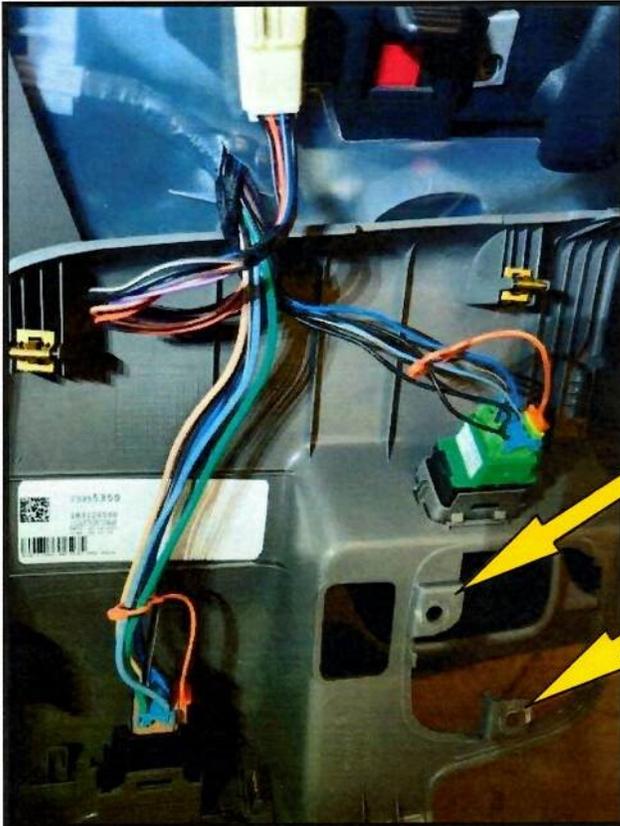


CVL GM Sliding Side Install Kit



GM Door Switch Isolation Instructions (revised 9/21)
Gm van door switch needs to be isolated to insure that factory door switches are dead when vehicle is off. Factory door switches will only work with remote or when key is in and turned to on position

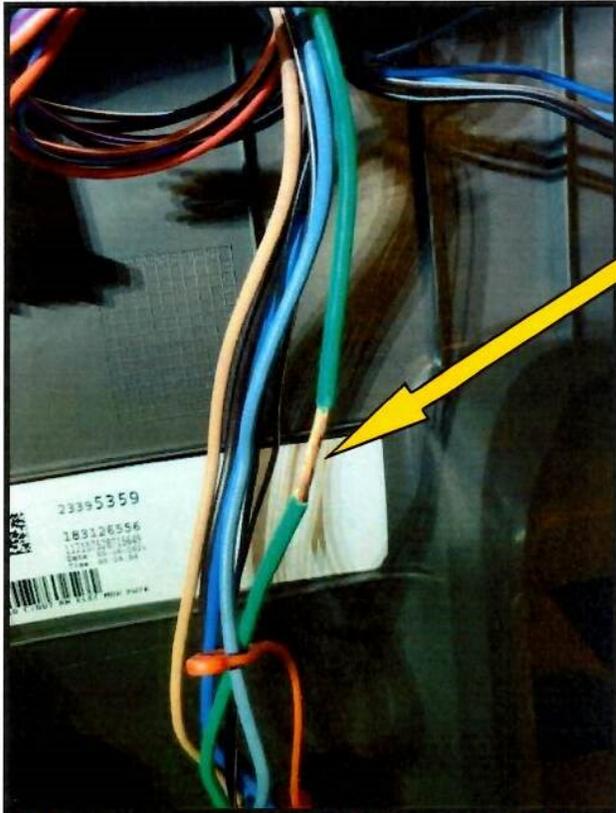




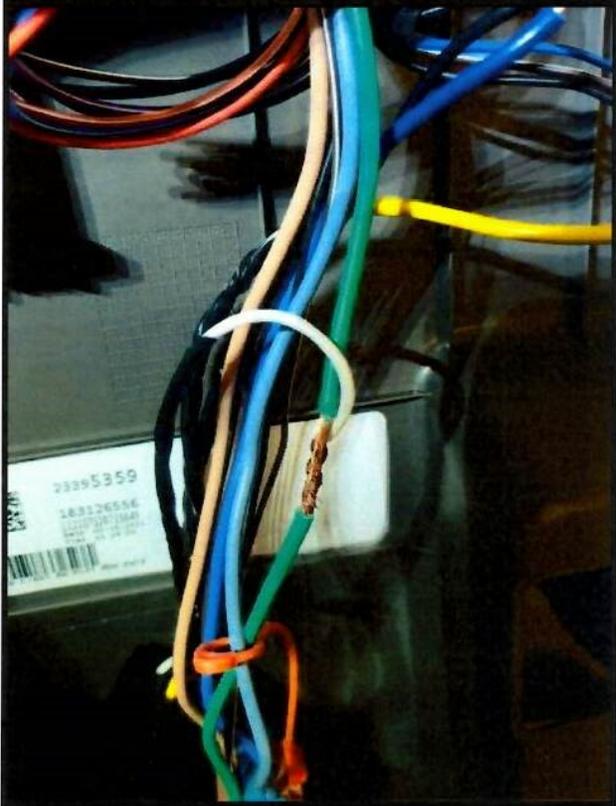
**1.
Remove GM Door Panel
with 7 millimeter socket**



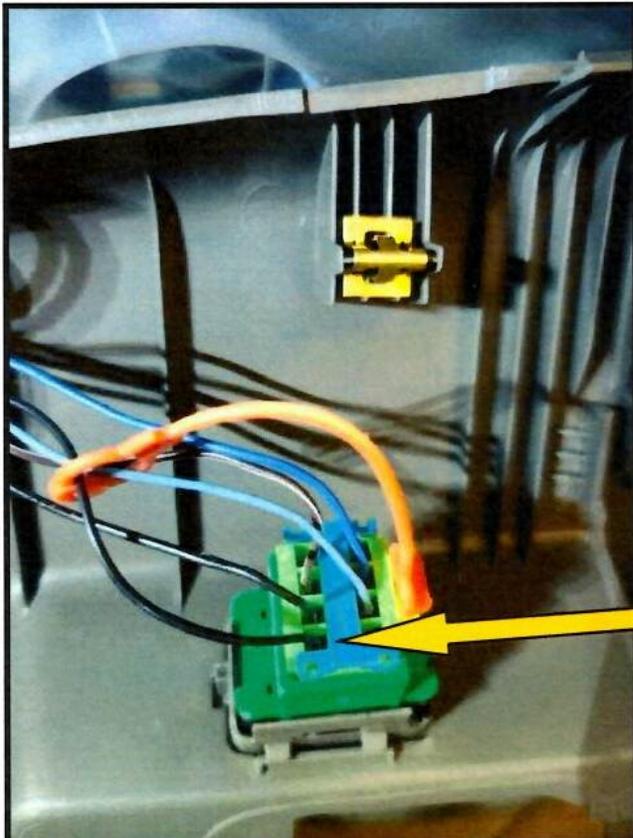
**2.
Green Wire is Ignition off
window switch**



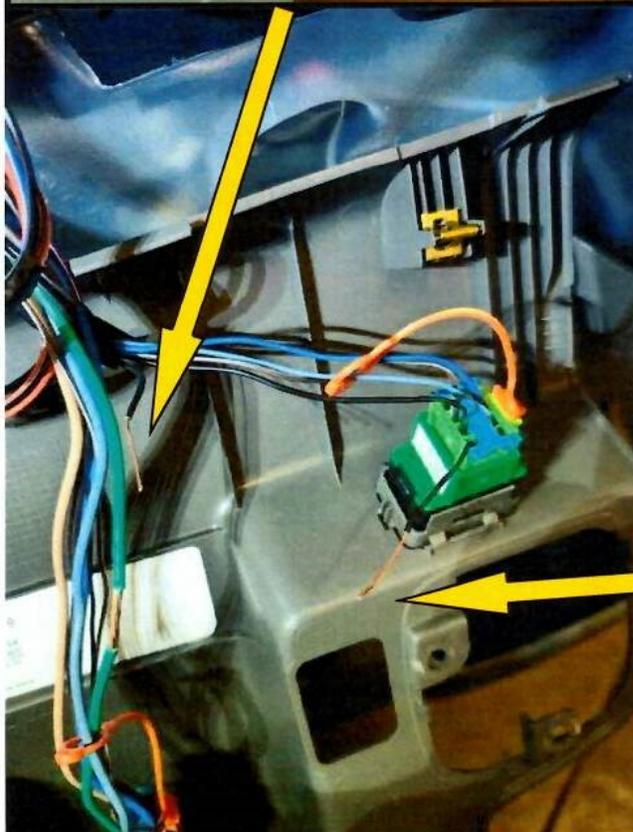
3.
Trim Green wire



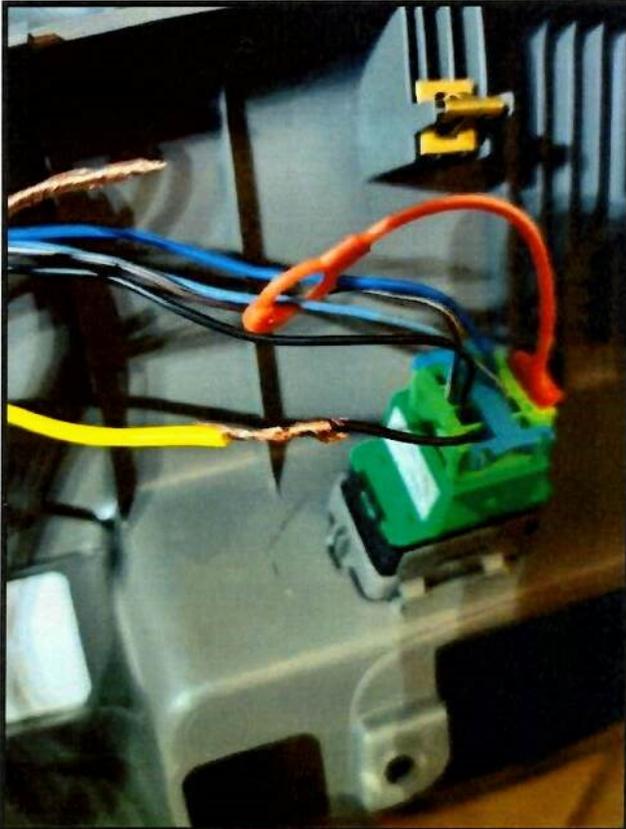
4.
Solder White (off) wire from relay to Green wire on window switch (ignition).



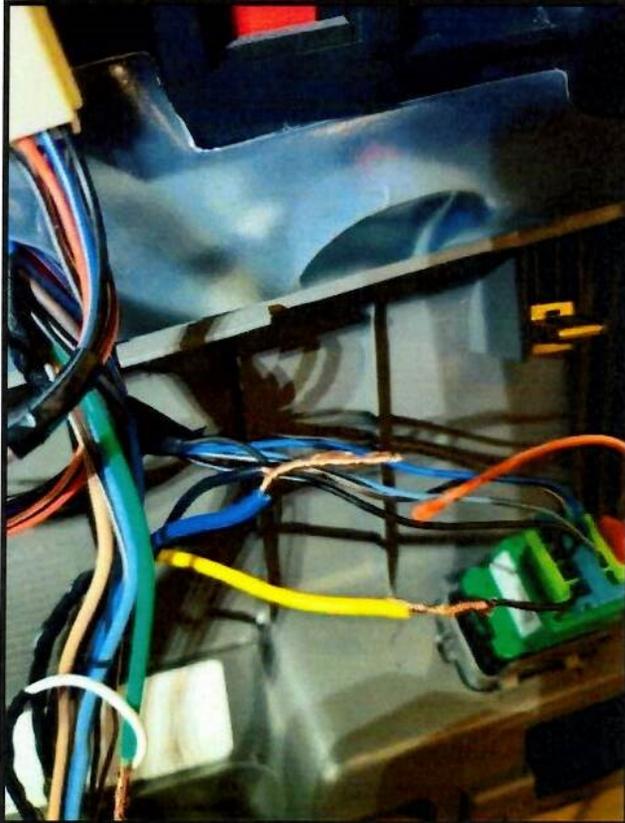
5.
Ground off lock switch wire.
Lower ground wire from
factory lock switch



6.
Cut (lower) Black ground
wire in half and strip both
ends



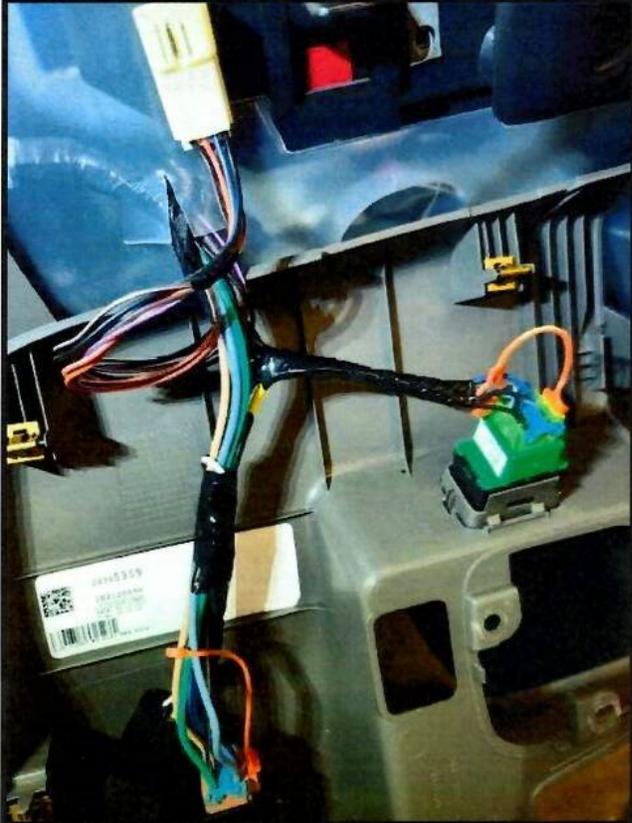
7.
Yellow relay wire to Black
on switch side



8.
Black and Blue from relay
towards vehicle



9.
Solder and tape all
connections



10.
Position relay under
window switch and tape in
place