



# SkyZ Design

In Collaboration with NSX NEXUS

## Switchtray

INSTALLATION

May 29, 2021





## INTRO



Thank you for purchasing the SkyZ Design Switchtray for your Acura NSX. The Switchtray is designed to relocate a factory Cruise Control switch module, along with switches or blank switch covers that are compatible with the OEM Switch Plate.

SkyZ Design is excited to collaborate with NSX NEXUS to present the Switchtray as a drivability upgrade for NSX owners all over. Joe, at NSX NEXUS, has gone through painstaking detail to produce the following wiring instructions and provide the wiring harness kit for this product.

If you have any issues with the product whatsoever, please reach out to me directly via email at [jaanisar@skyz-design.com](mailto:jaanisar@skyz-design.com).

NOTE THAT BY INSTALLING OR USING THIS ITEM IN YOUR VEHICLE, YOU AGREE TO TAKE FULL RESPONSIBILITY AND INDEMNIFY AND HOLD HARMLESS THE SELLER FOR ANY SITUATIONS, DAMAGE, OR HARM THAT MAY RESULT FROM THE USE OR MISUSE OF THIS PRODUCT

**PLEASE KEEP YOUR EYES ON THE ROAD AT ALL TIMES WHILE DRIVING, AND DO NOT ENGAGE IN DISTRACTED DRIVING.**



# INSTALLATION

## Switchtray Operation and VIDEO

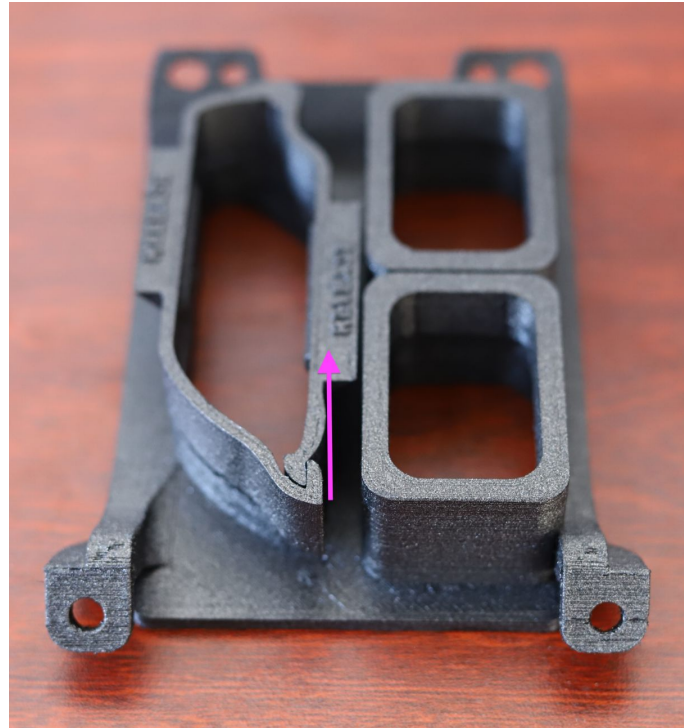


### Cruise Control Switch Installation

1. Gently slide latch tab UP to release the latch.
2. Insert Cruise Control Switch
3. Close Latch by again lifting it up and sliding it over the hook

See Cruise Control Switch install video:

<https://youtu.be/brlrXUE2uWQ>



### Standard Switch Installation

1. Simply Press Switch into place
2. To Remove: Press tab on switch to release





# INSTALLATION

## WIRING INSTRUCTIONS BY NSX NEXUS

### Description

The cruise control switch operates by sending a 12v signal that comes from the constantly energized horn relay through the SRS Clock Spring to either the RESUME/accel or SET/decel Cruise Control Module located on the instrument rack behind the glove box and below the ABS Module.

Rather than connecting the cruise control switch to the SRS clock spring located in the steering column the connections will be made at the sources which includes cruise control module harness connector and the 12v constant on horn relay supply connector. To install the switch and make the connections will require removal of the center console, glove box and ventilation duct from the HVAC unit to the door vent. The connections are made by inserting HE050 connector pins on the harness into the appropriate the pins on the back side of the module connectors and into the connector on the cruise control switch.





# INSTALLATION

## WIRING INSTRUCTIONS BY NSX NEXUS



Main Menu

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### Dashboard/Center Armrest

#### Component Removal/Installation

SRS wire harnesses are routed near the dashboard.

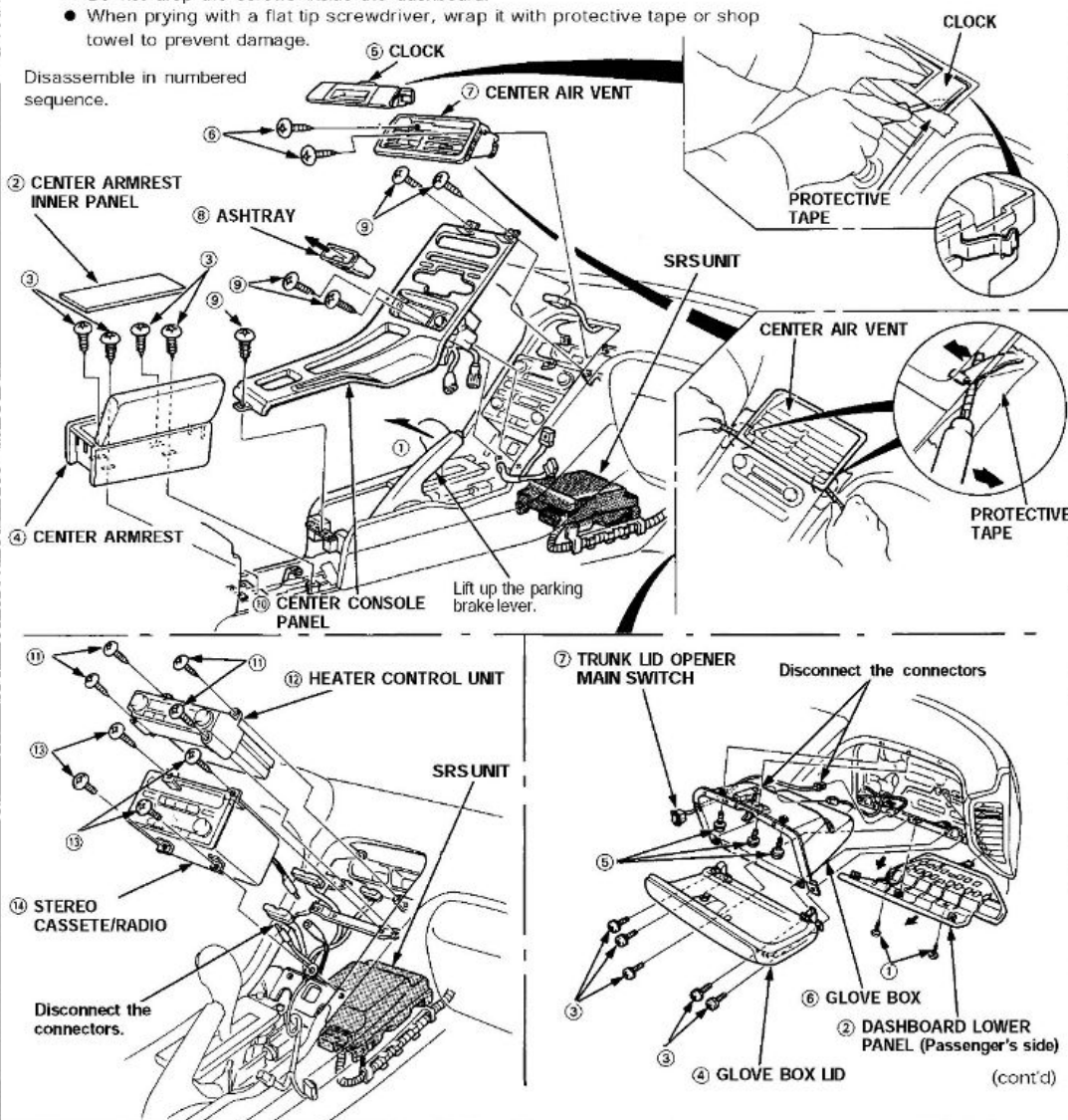
**CAUTION:**

- All SRS electrical wiring harnesses are covered with yellow outer insulation.
- Before disconnecting the SRS wire harness, install the short connector on the airbag (see page 23-323).
- Replace the entire effected SRS harness assembly if it has an open circuit or damaged wiring.

**NOTE:**

- Take care not to scratch or score the dashboard.
- Do not drop the screws inside the dashboard.
- When prying with a flat tip screwdriver, wrap it with protective tape or shop towel to prevent damage.

Disassemble in numbered sequence.



1. Remove center console and glove box per the service manual instructions.

2. Remove Fuse #45 (Brake Lights/Horn) from the Main Relay Box located on the right front fender well.



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## WIRING INSTRUCTIONS BY NSX NEXUS



3. Remove the two screws from the dashboard right side door vent and remove the vent.



4. Remove the upper and lower 7mm screws that hold the side door duct to the dashboard frame, and then remove the duct.



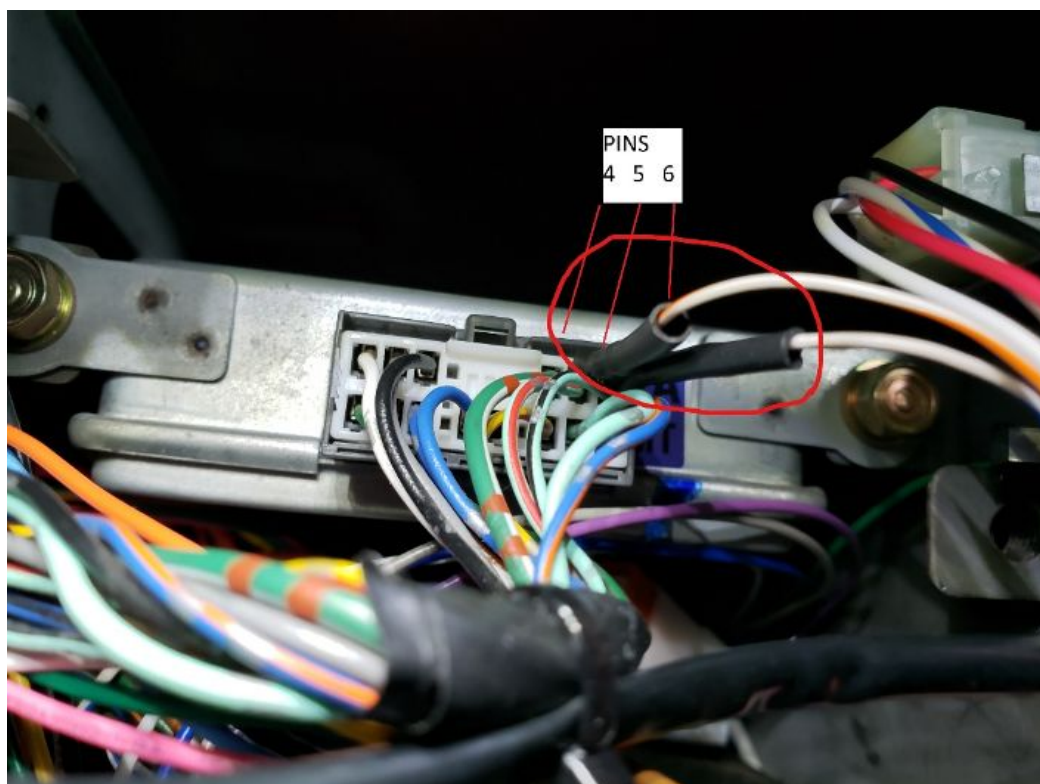
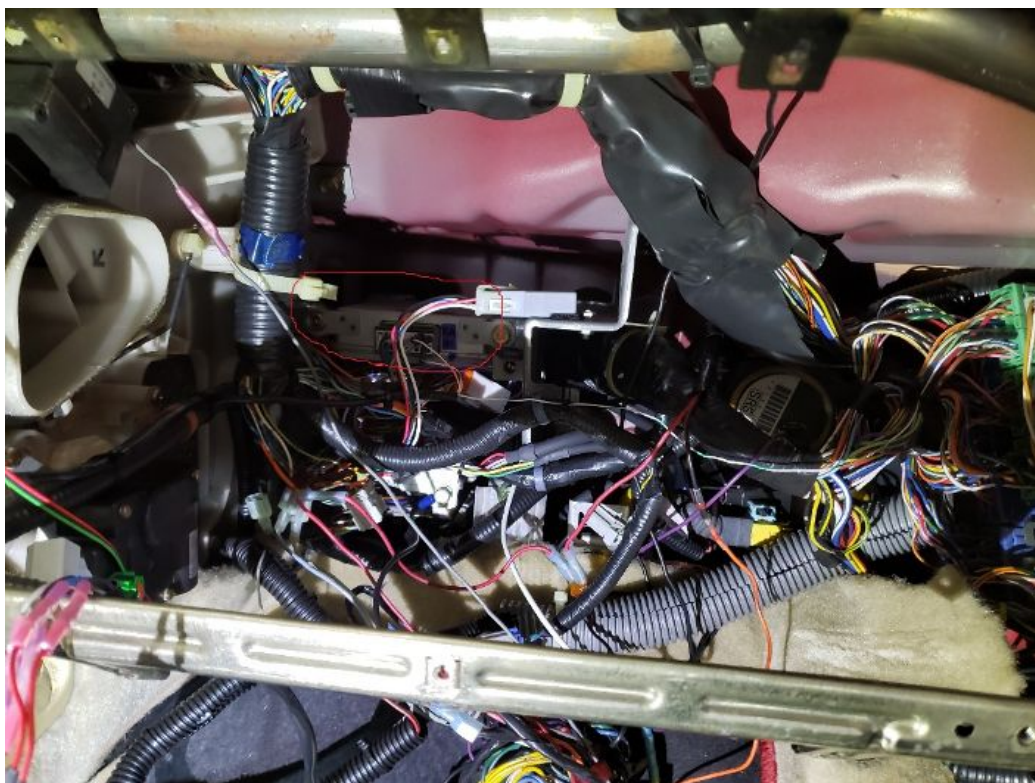


# INSTALLATION

## WIRING INSTRUCTIONS BY NSX NEXUS



5. Locate the Cruise Control Module located on the instrument rack and below the ABS module (the photo shows the ABS module deleted since this car was upgraded to the 02 ABS system). There is a row of 6 pins on top of the connector. The SET Connector Pin #5 and the RESUME Connector pin #6 are located on the top right side of the connector. Insert the wire harness's **GREEN** pin into #5 and the **BLACK** pin into #6 as shown in the photos.



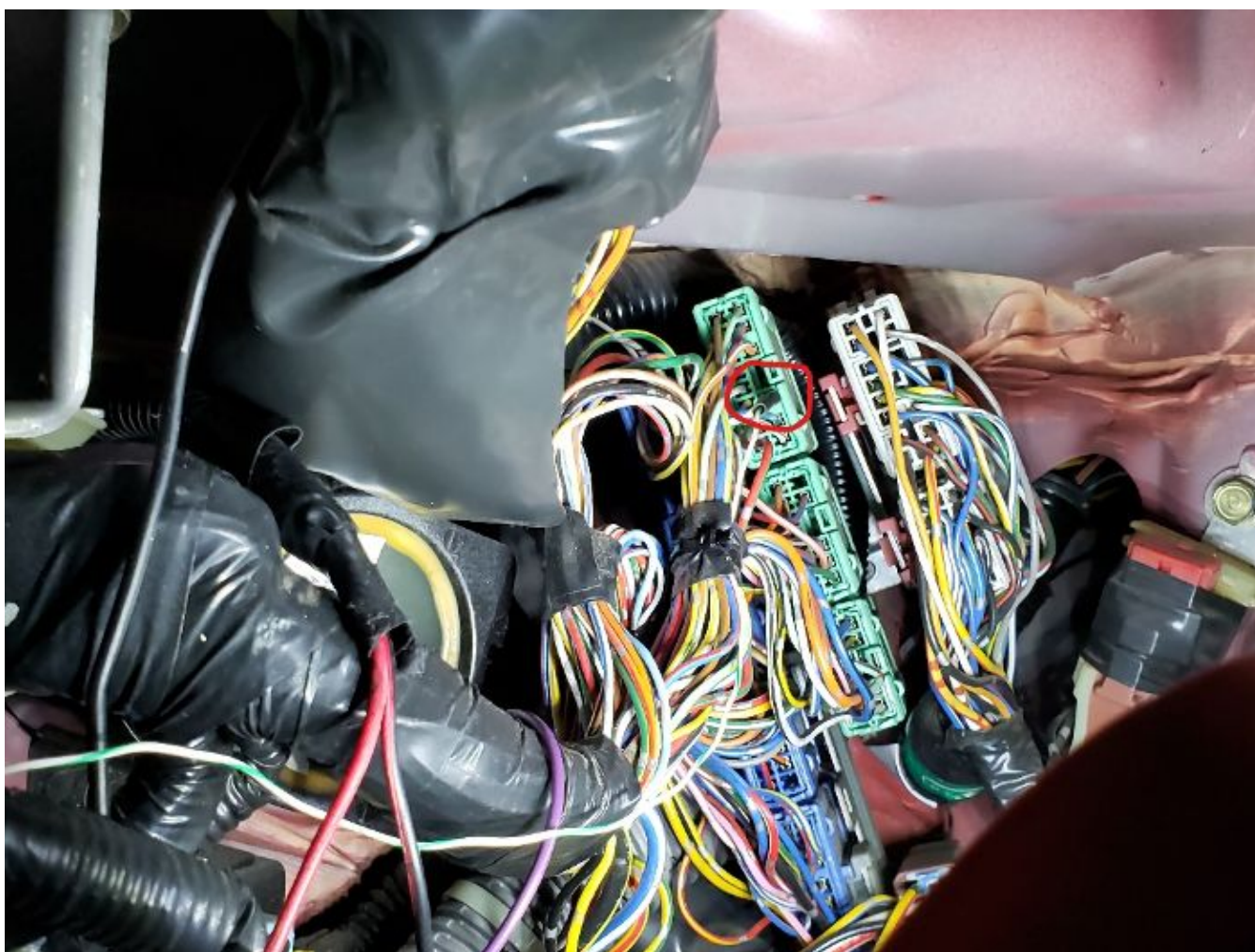


# INSTALLATION

## WIRING INSTRUCTIONS BY NSX NEXUS



6. Locate the Horn Relay Connector located on the right side of the right foot well just behind the carpet. The connector is circled in red in the photo.







# INSTALLATION

## WIRING INSTRUCTIONS BY NSX NEXUS



7. Insert the harness's **RED** pin into the backside of the connector's #4 pin (just to the right of the release button) with the Light Green/White striped wire.

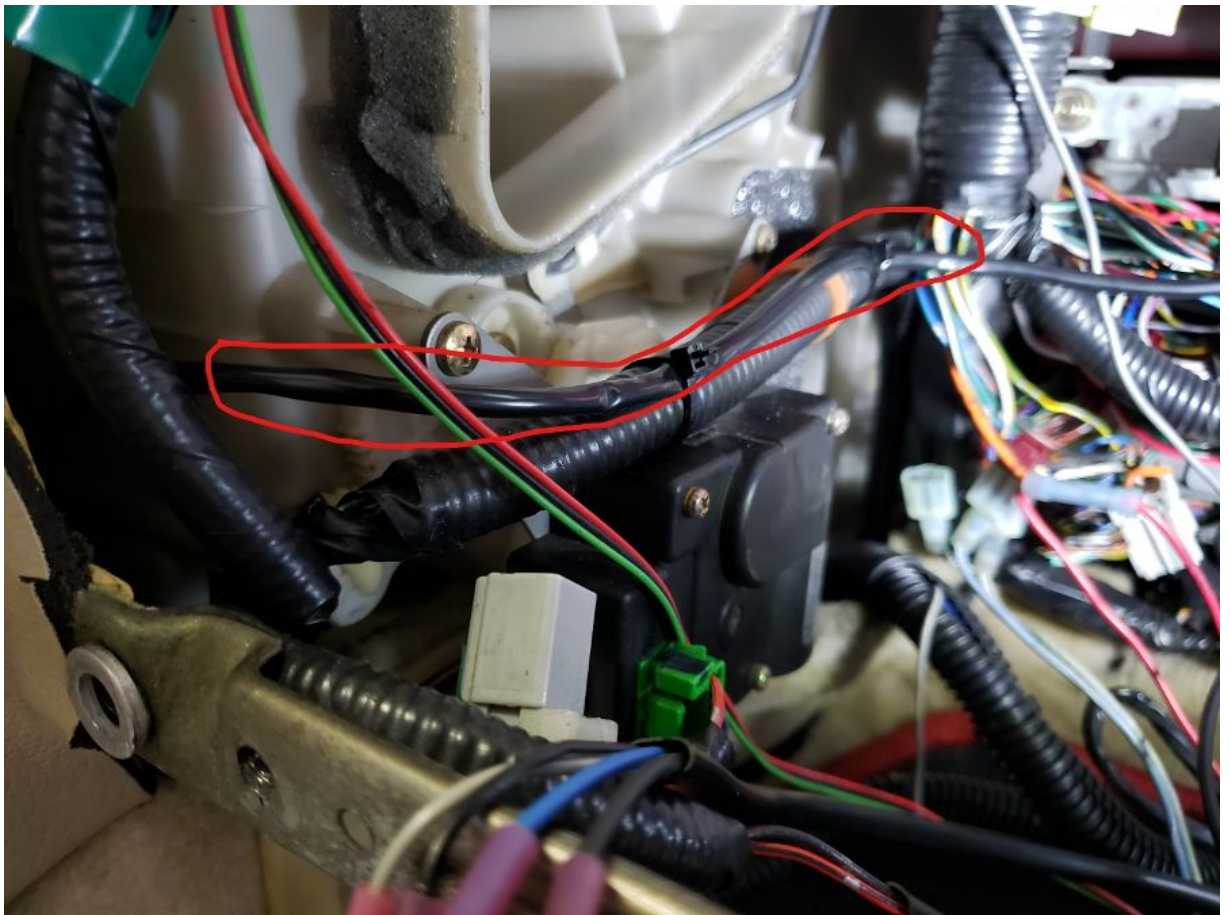




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## WIRING INSTRUCTIONS BY NSX NEXUS

8. Secure the pin wires with zip ties to any of the surrounding harnesses to reduce the risk of them being dislodged. Secure the CC harness to the wire harness above the HVAC motor and route the harness in behind and down into the console. You should be able to retrieve the other end below the radio.



Note: Lightly taping together the 3 pins at the CC end of the harness will make it easier to route the harness into the console.

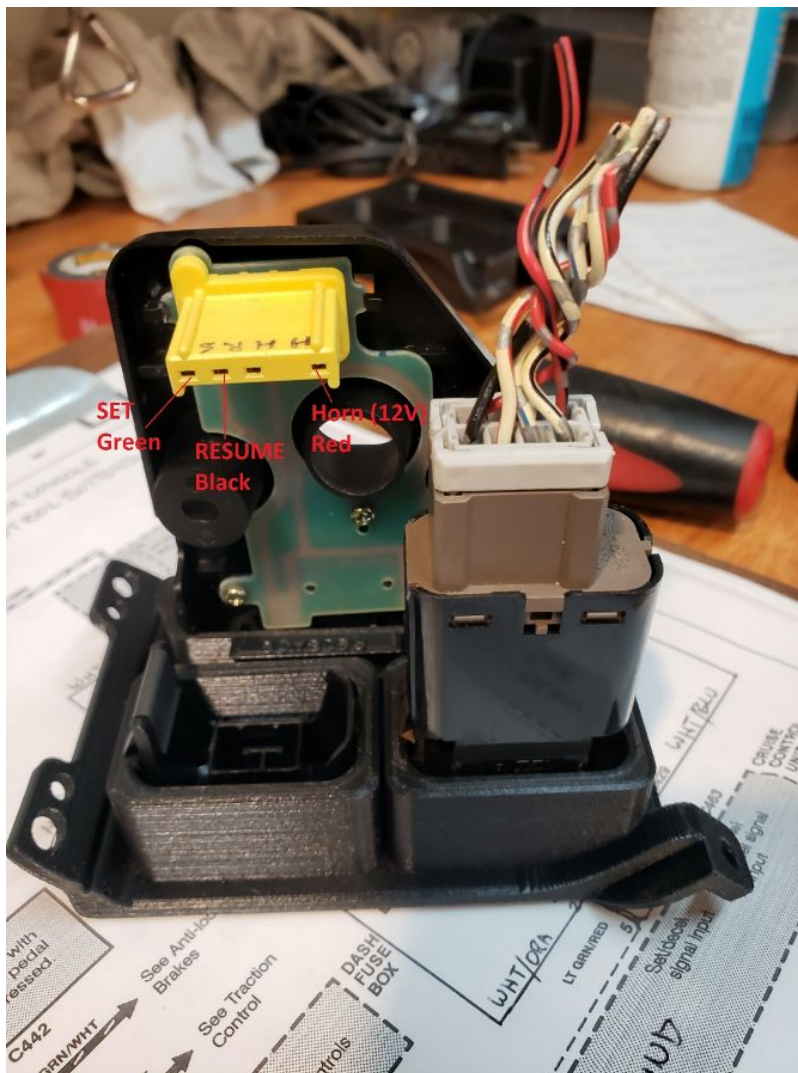
9. Re-install the HVAC duct, door vent and glove box
10. Follow the instructions for installing the CC switch into the new plate. Unless you have switches you plan on installing, you will need to purchase up to 2 blank switch plugs from either Science of Speed or Mita Motorsports.



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## WIRING INSTRUCTIONS BY NSX NEXUS

11. On the yellow connector on the CC switch there are 4 pins. The photo identifies the pins and associated wire color. When the center console is ready to be re-installed insert the harness's pins into the appropriate pin slot on the connector. Due to the tight clearances between the switch and the side of the console you will have to bend the pins down at an approximately 30deg angle. DO NOT go past this since it can stress and weaken the pins or break them.



12. Re-assemble the center console.
13. Re-install Fuse #45 in the Main Relay box.
14. Now drive the car and test the switch.