

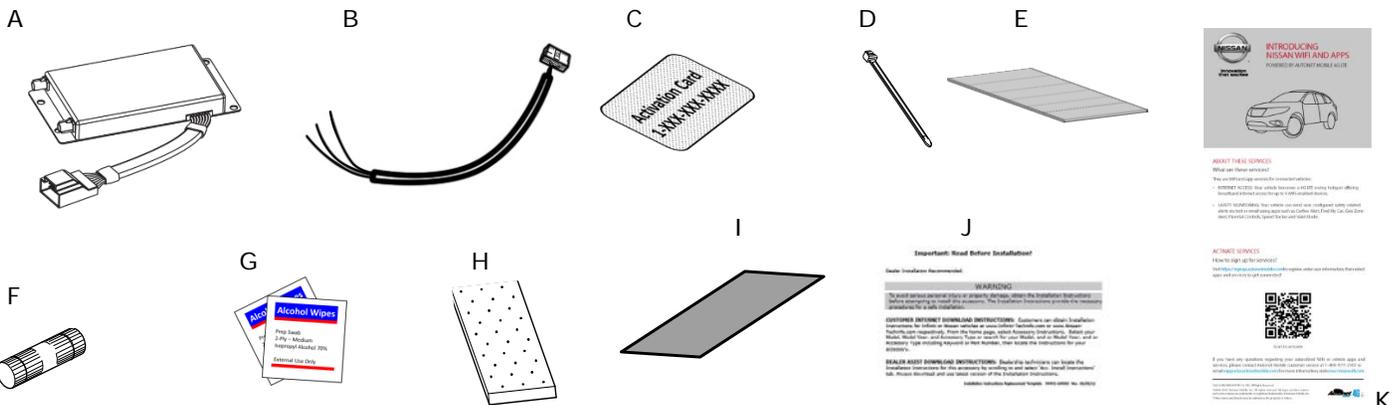


# GENUINE PARTS

## INSTALLATION INSTRUCTIONS

**DESCRIPTION:** WiFi  
**APPLICATION:** Versa Note  
**PART NUMBER(S)** T99Q8 4RA0A (Wifi kit)  
**REQUIRED FOR INSTALLATION:** 999Q9 AY001/ T99F6 4RA0A (Accessory Service Connector) - **Not Included in Kit above**  
**KIT CONTENTS:**

Item	Qty.	Part Description	Service Part Number
A	1	WiFi TCU Module	T98Q8 4RA0A
B	1	Wire Harness	T98Q8 4RA1A
C	1	Activation Card	
D	8	10" Cable Ties	
E	8	Foam Tape 1" x 3.5"	
F	3	Posi-Taps	999M1 VT000
G	2	Alcohol wipe	
H	1	Two Sided Foam Tape	
I	5	PET Clear Tape 1" x 4"	
J	1	II Replacement Template	
K	1	Glove Box Brochure	



### 999Q9 AY000 (ACCESSORY SERVICE CONNECTOR) - SERVICE PART

Item	Qty.	Part Description	Service Part Number
AA	1	Accessory Service Connector ( <b>NOT INCLUDED IN KIT</b> )	999Q9 AY001/ T99F6 4RA0A



**Note:** 1 or 2 ASC (Accessory Service Connector) may already be installed in the vehicle.

- TOOLS REQUIRED:**
- #2 Phillips Screwdriver
  - Flashlight
  - Nylon Trim Tool
  - Wire Cutter
  - Tape Measure
  - 10mm Socket
  - Ratchet

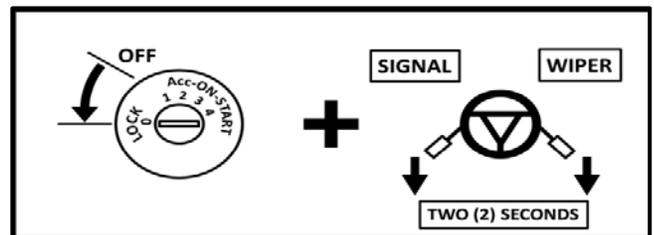
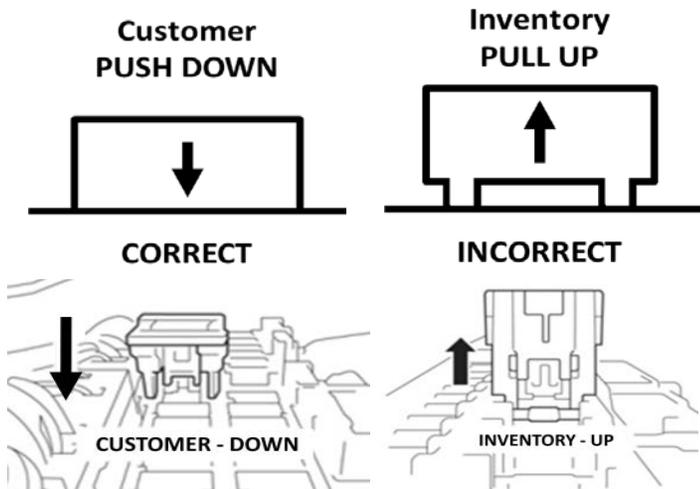
**Vehicle Preparation:**

**⚠ CAUTION**

• **Always confirm the ignition is in the "OFF" position before changing the switch condition.**

- 1) Apply parking brake
- 2) Confirm vehicle is not in the default shipping state or "Inventory position" as shown below. Failure to confirm vehicle has been removed from this state will result in loss of normal vehicle operation.
- 3) Locate Extended Storage Switch in cabin fuse block. Confirm it is in the "Customer" position. See below for reference.
  - a) To remove transit mode (Fuse Block):
    1. Remove fuse cover lid.
    2. Push down shorting pin.
    3. Ign On 2 times without starting the vehicle.
  - b) To remove transit mode (BCM):
    1. Confirm ignition switch is in "OFF" position.
    2. Simultaneously push the signal and wiper switch fully down for two (2) seconds.

**NOTE:** While in BCM Transit Mode, turn signal indicators will remain illuminated for one minute.



- c) To return to transit mode for storage:
  1. Ign Off.
  2. Remove fuse cover lid.
  3. Pull up shorting pin.
  4. Assemble fuse cover lid.
  5. Ign On 2 times without turn the vehicle on.
  6. Confirm transit mode condition on meter

**NOTE:** Typical vehicle condition shown above. Switch is easily identifiable by the permanent, push-pull fuse holder. Actual position on the fuse block may vary, vehicle to vehicle.

Condition	Switch Position	Note
Vehicle is delivered to the dealer	Inventory Condition	
Technician performs PDI	Customer Delivery	Return to Inventory position after PDI.
Customer test drives the vehicle	Customer Delivery	Return to Inventory position after test drive.
Vehicle is being stored at the dealer	Inventory Condition	
Vehicle is delivered to customer	Customer Delivery	

**NOTE:** The Extended Storage Switch is only an aid to improve battery life during vehicle storage at the dealer. If the Extended Storage Switch fuse ever needs service after vehicle delivery, discard the Extended Storage Switch and install the correct fuse in its place.

- 4) Turn ignition switch to "ON" position
- 5) Record the customer radio presets and other presets as required.

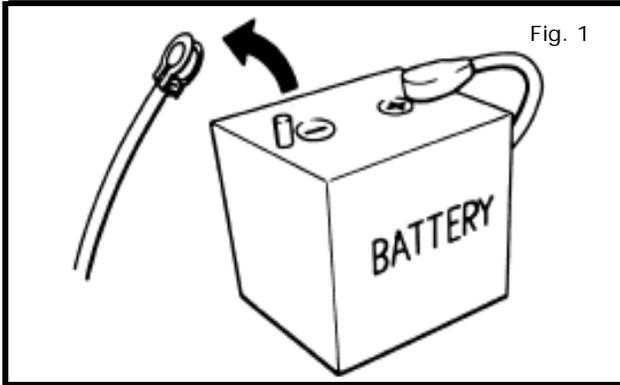
Preset	1	2	3	4	5	6		

- 6) Put shift lever in "P" position for A/T and CVT or "1st" for M/T
- 7) Turn ignition switch to "OFF" position
- 8) Use seat and floor protection.

**INSTALLATION PROCEDURE: PRE-INSTALLATION CAUTIONS / NOTES**

**⚠ CAUTION**

- Allow 3 min after key off and doors closed for vehicle to time out. Allow an additional 3 min after negative terminal dis-connect before separating any electrical connectors.



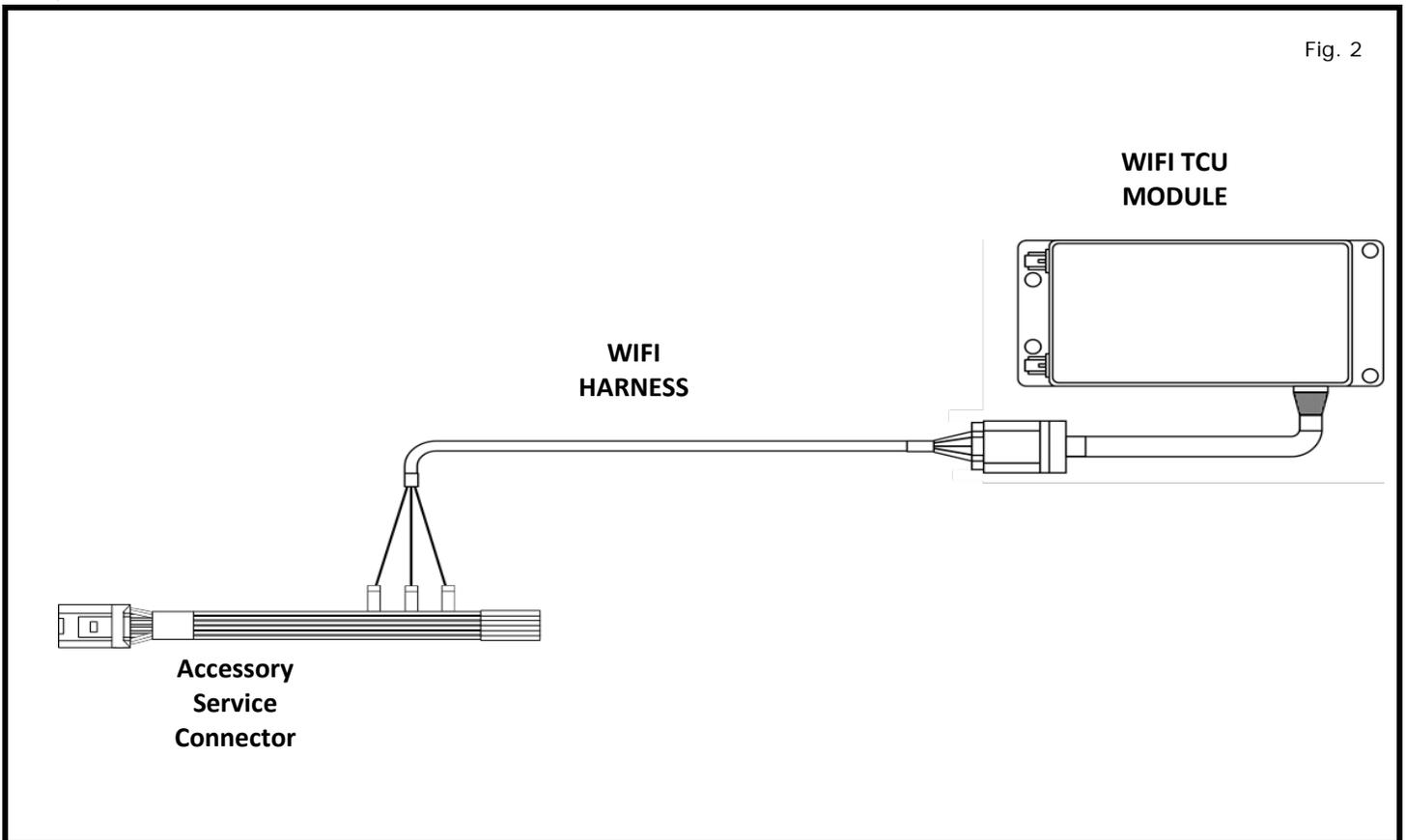
- 7) Disconnect the negative battery terminal as shown in Fig. 1.
- 8) Use seat and floor protection.
- 9) This part is to be installed at surface temperature of 65-100 deg.F.

**⚠ CAUTION**

- Take care not to scratch or damage any component during the removal or re-installation process.
- Trim pieces found to have witness marks or broken clips are not to be reinstalled.
- Additional items in cargo area may need to be removed.
- Always remove vehicle parts in the sequence they are shown, improper procedure can damage parts.
- Store removed parts in a safe and protected manner.

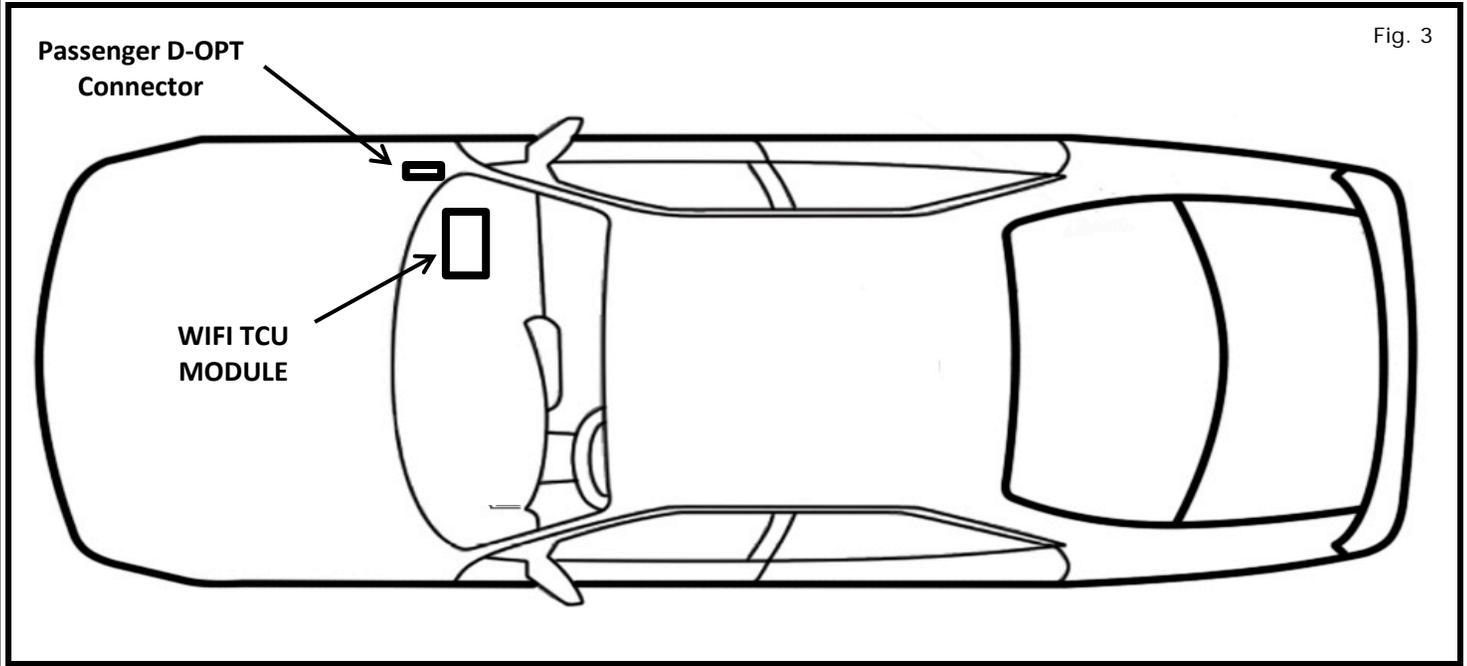
**INSTALLATION OVERVIEW:**

**1.) SYSTEM**



**INSTALLATION OVERVIEW:**

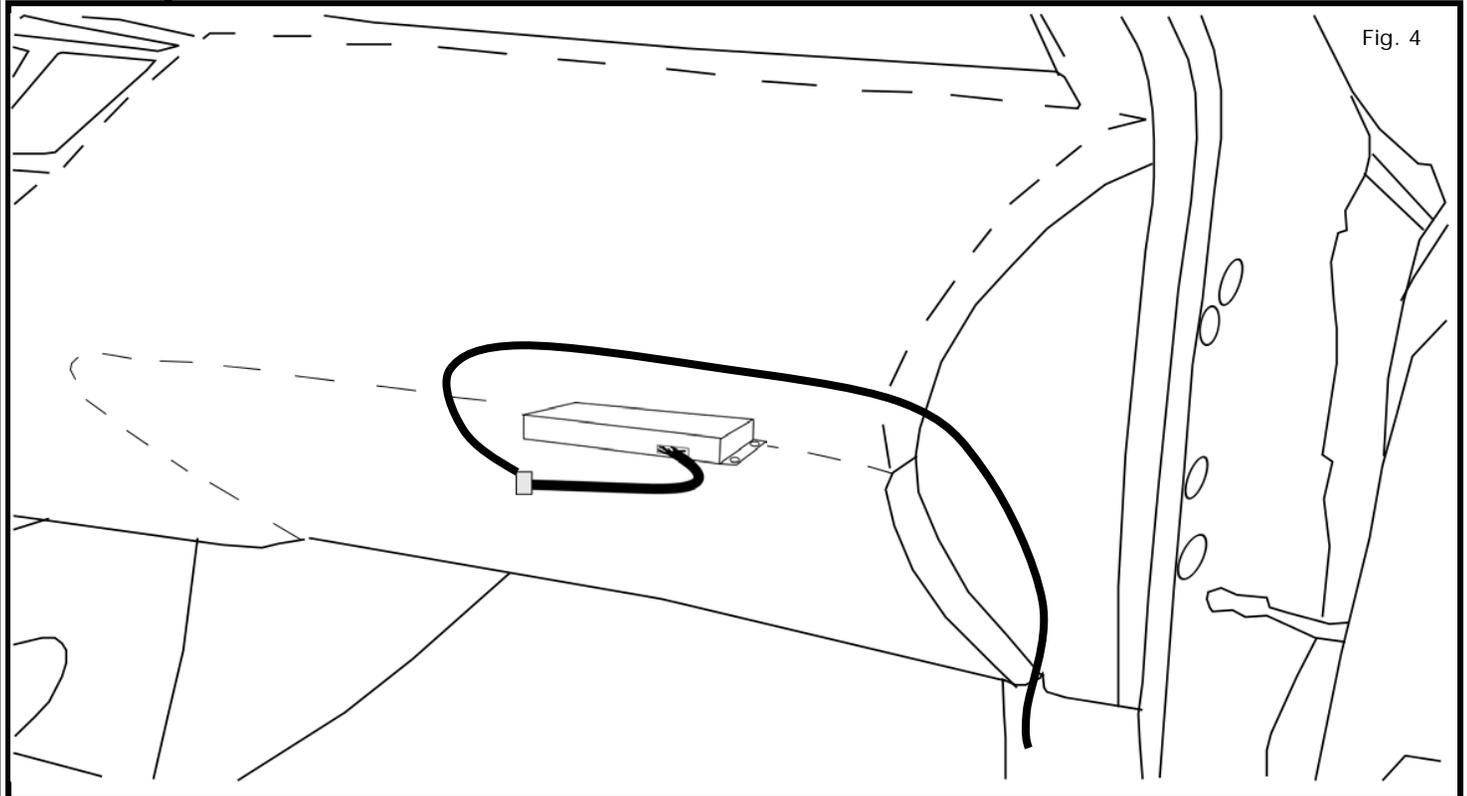
2.) VEHICLE

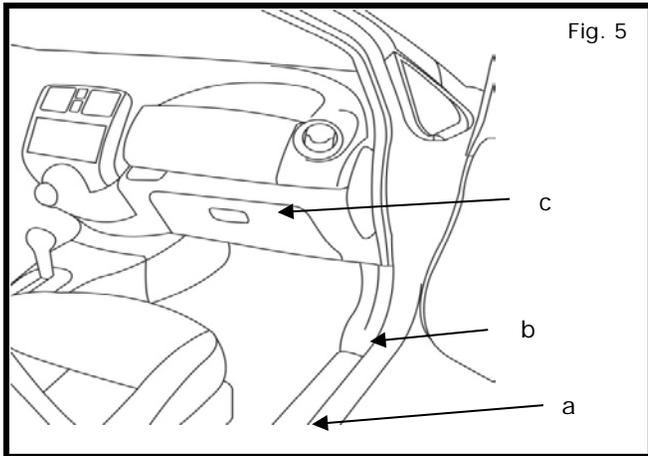


**⚠ CAUTION**

- Any description of vehicle wiring color is for reference only.
- Always refer to vehicle wiring diagram for details.

3) Routing

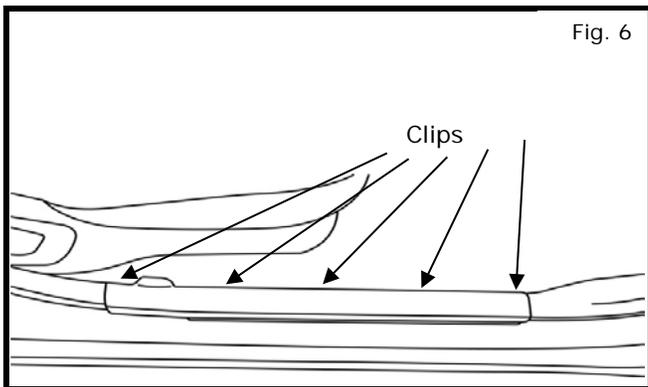




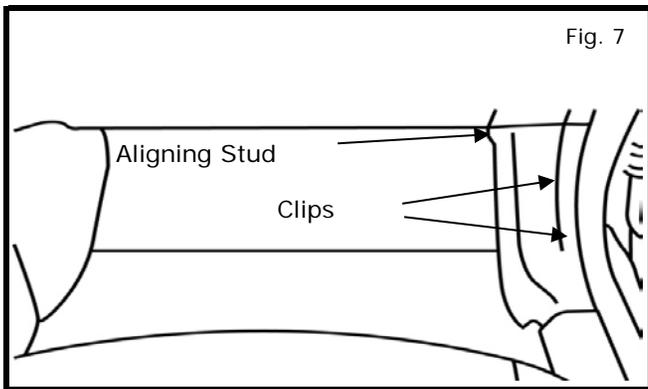
- 1) Removing the following.
  - a) Passenger Kick Plate.
  - b) Passenger Kick Panel.
  - c) Glove box.

**NOTE:**

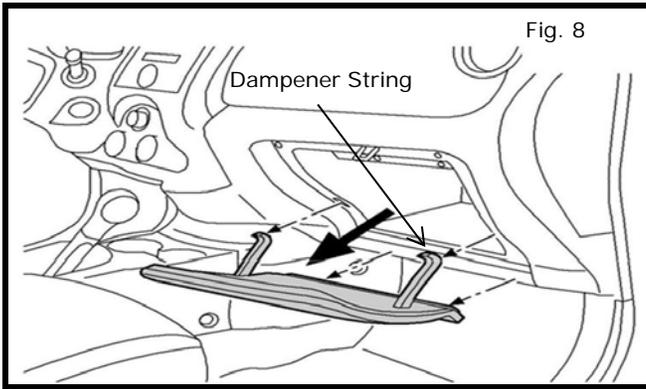
**Place glove box on a protected work surface to avoid any scratches or damage.**



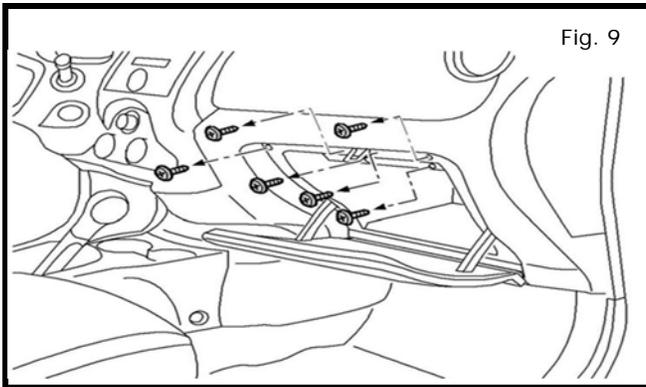
- 2) Removing passenger kick plate.



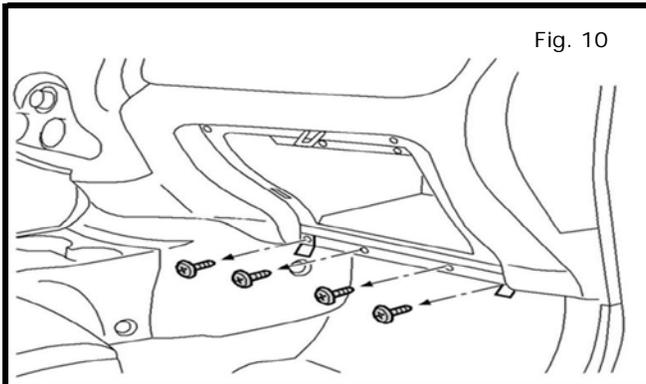
- 3) Removing passenger kick panel.



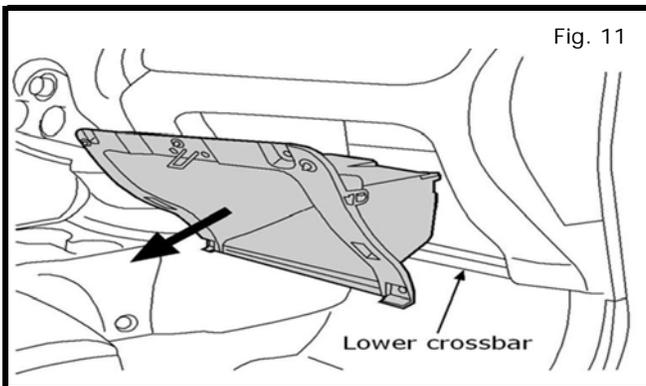
- 4) Removing glove box door.
  - a) The string for the dampener door is looped around the right arm of the glove box door. Unhook this string from the inside of the instrument panel with the glove box door closed.
  - b) Remove the glove box door by pushing down on the glove box door hinges and opening the glove box door.



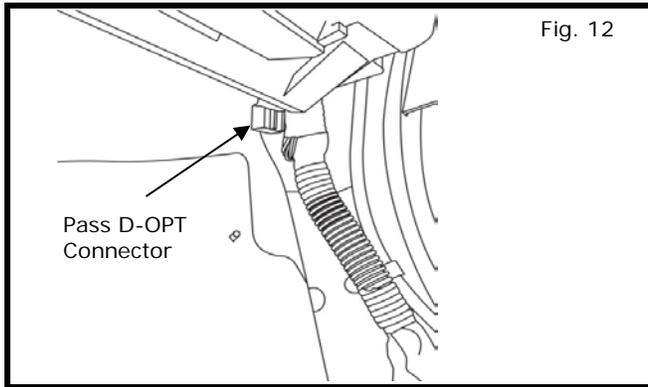
- 5) Removing the glove box.
  - a) Remove three (6) phillips head screws from the underside of the glove box as shown in Fig. 9.



- 6) Removing the glove box.
  - a) Remove the four (4) screws (two outboard screws hidden behind door).



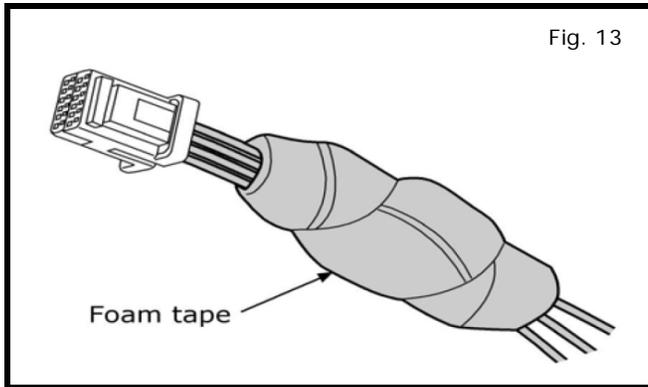
- 7) Removing the glove box.
  - a) Grasp the door latch and pull down and outward to remove glove box.



- 8) Locating the Passenger D-OPT Connector
  - a) Locate of the Passenger D-OPT Connector behind the glove box on the right side of the footwell as shown in Fig. 12.

**Note:**

- 1.) If there is already an Accessory Service Connector in the passenger side read step 9, if not proceed to step 10.
- 2.) If there is not an Accessory Service Connector in the passenger side remove the dummy plug in connector.



- 9) Locating the Accessory Service Connector
  - a) If there is already an Accessory Service Connector in the passenger side remove it before continuing.
  - b) Remove any foam tape present before adding any positaps as shown in Fig. 13.

**Note:** If there is not an Accessory Service Connector present in the passenger side connector order from service dept.

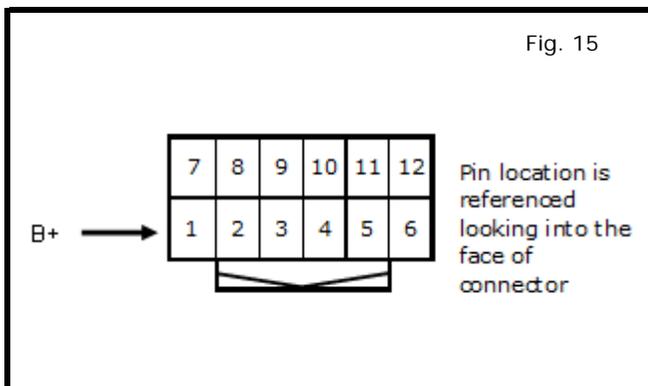
Fig. 14

999Q9 AY001/ T99F6 4RA0A		
Pin	Label	Color
1	BAT	WHITE
2	N/A	N/A
3	ACC	PURPLE
4	N/A	N/A
5	BAT_SVR	PINK
6	FR_DR_SW	GREEN
7	THRU_SIGNAL_2	LT GREEN
8	THRU_SIGNAL_1	GREY
9	N/A	N/A
10	RM_LMP	LT BLUE
11	N/A	N/A
12	GND	BLACK

- 10) Accessory Service Connector Reference
  - a) The Accessory Service Connector pin out is shown in Fig. 14.

**Notes:**

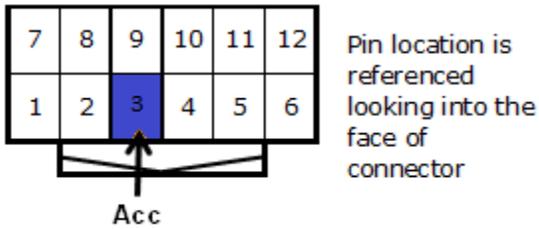
- 1.) For direction on how to posi-tap refer to steps 14 - 24.
- 2.) For additional circuit information refer to the mech drawing at the end of the installation instructions.



- 11) Posi-Tap B+
  - a) Tap the **Red** wire on the WiFi TCU Module harness to the **White** (B+) wire on the Accessory Service Connector as shown in Fig. 15.

## INSTALLATION PROCEDURE: POSI-TAP

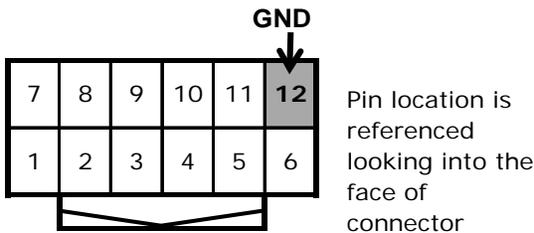
Fig. 16



### 12) Posi-tap ACC

- a) Tap the **White** wire on the WiFi TCU Module harness to the **Purple (Acc)** wire on the Accessory Service Connector as shown in Fig. 16.

Fig. 17

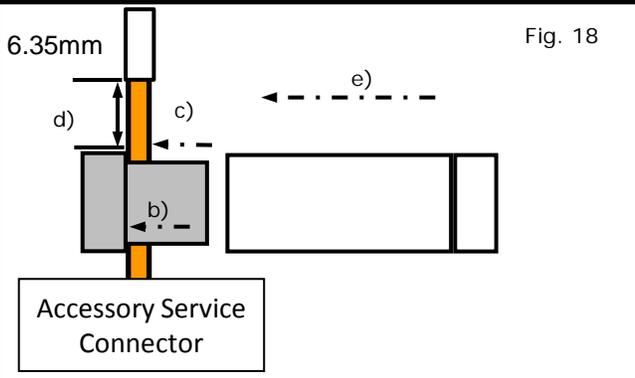


### 13) Posi-tap GND

- a) Tap the **Black** wire on the WiFi TCU Module harness to the **Black (Gnd)** wire on the Accessory Service Connector as shown in Fig. 17.

**NOTE:** Figures are not to scale.

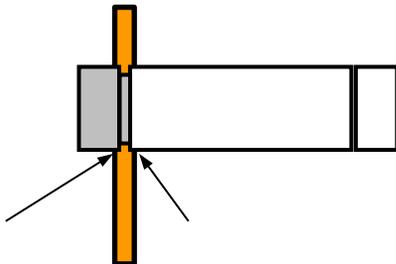
Fig. 18



### 14) Posi-tapping an Accessory service wire (Fig. 18)

- a) Identify and confirm correct wire in the Accessory Service Connector to be tapped.
- b) Remove cap (slot side) from tap body.
- c) Slide cap around single accessory wire.
- d) Position cap  $\geq 6.35\text{mm}(0.25\text{in})$  away from the heat shrink end of Accessory Service Connector (measurement for first posi-tap installed on the circuit).
- e) Tighten the tap **TIGHT** with finger pressure.
- f) Tighten by another quarter turn.

Fig. 19



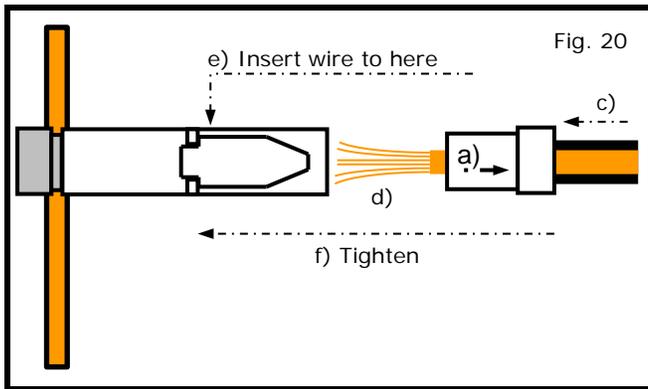
### 15) Inspecting the tap for correct installation (Fig. 19).

- a) Pull on the wire lightly to ensure connection.
- b) Inspect the tap to ensure correct installation.
- c) Test the signal to ensure that it is working

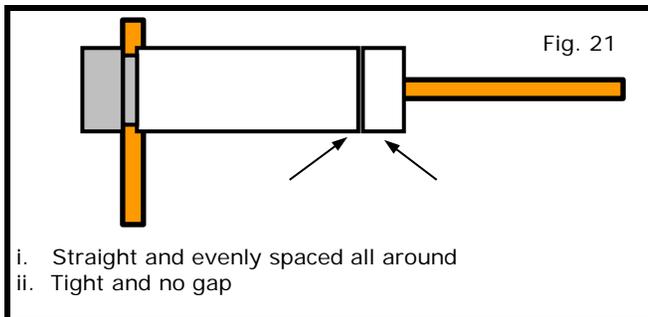
**NOTE:** Avoid putting pressure on the vehicle wire and tap for the remainder of the installation.

- i. Straight and evenly spaced all the way around
- ii. **Tighten** and **minimize** gap (wire jacket should

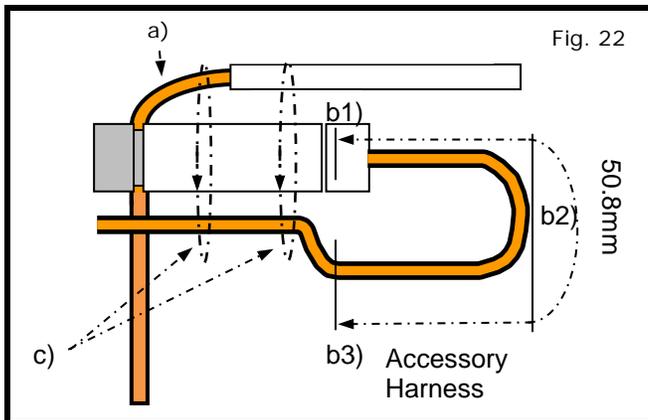
## INSTALLATION PROCEDURE: POSI-TAP



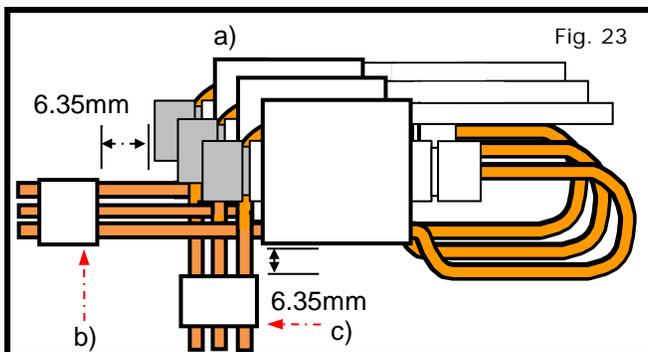
- 16) Tap accessory wire (Fig. 20).
  - a) Remove tap (non-pierce) side from tap.
  - b) Remove the protective stub from the wire.
  - c) Insert wire through the non-pierce side opening.
  - d) Spread the individual strands into fan shape.
  - e) Insert wire into the tap body and ensure that it is all the way in.
  - f) Tighten the tap **TIGHT** with finger pressure.
  - g) Tighten by another quarter turn.



- 17) Confirm the tapped accessory wire.
  - a) Pull on the wire lightly to ensure connection.
  - b) Inspect the tap to ensure correct installation as shown in Fig. 21.

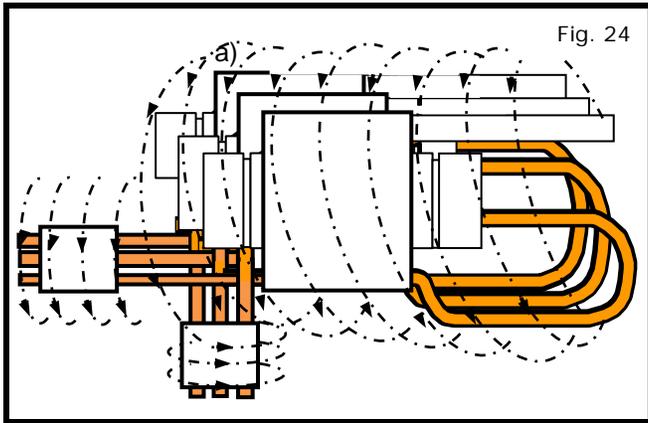


- 18) Forming strain relief loop - required (Fig. 22).
  - a) Gently bend the end of the pierced wire (where it exits cap) down towards body of posi-tap.
  - b) On the tapped wire of the non-pierce side; starting at point b1), measure 50.8mm(2in) to point b3). Make the first bend of the loop b2), half the distance measured 25.4mm(1in), and up toward the body of the posi-tap, make the second bend of the loop b3).
  - c) Secure the pierced wire on the heat shrink side and the tapped wire on the non-pierce side to the body of the tap with electrical tape ( $\geq 2$  revolutions).



- 19) Securing multiple accessory taps (Fig. 23).
  - a) The tapped accessories (wires already secured to tap bodies) are stacked slightly staggered on top of each other as shown in Fig a).
  - b) The tapped wires on the non-pierce side of all the posi-taps are secured to each other with electrical tape ( $\geq 2$  revolutions) at a distance of  $\geq 6.35\text{mm}$ (0.25in) as shown in Fig b).
  - c) The pierced wires of the first and subsequent posi-taps are secured to each other with electrical tape ( $\geq 2$  revolutions) at a distance of  $\geq 6.35\text{mm}$ (0.25in) as shown in Fig c).

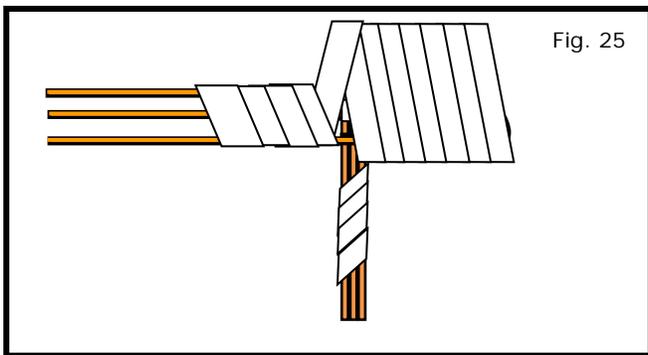
## INSTALLATION PROCEDURE: POSI-TAP



### 20) Pre- foam protective wrap

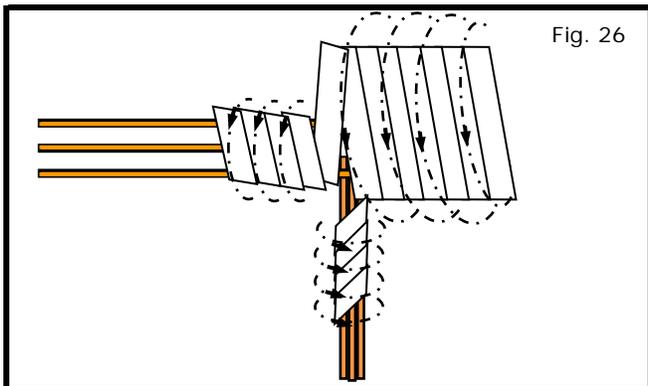
- a) Starting at the heat shrink; firmly wrap the posi-tap bundle with electrical tape or non-adhesive wire harness tape, making sure to overlap the previous revolution as shown in Fig. 24.

**Note:** If using a non adhesive tape to wrap the bundle, secure at both ends with  $\geq 2$  revolutions adhesive electrical tape.



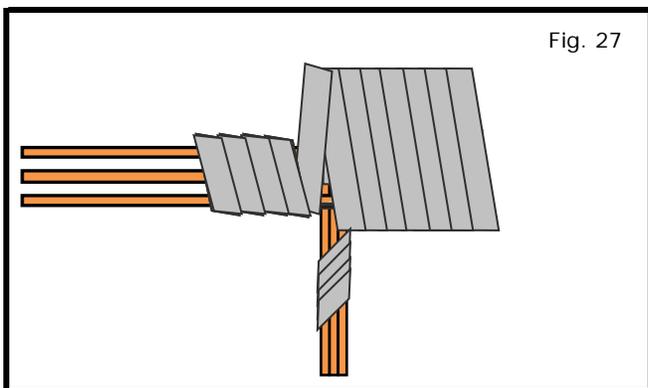
### 21) Finished protective wrap

- a) Make sure the finished wrap looks similar to Fig. 25.



### 22) Foam wrap for posi-tap bundle (foam strips)

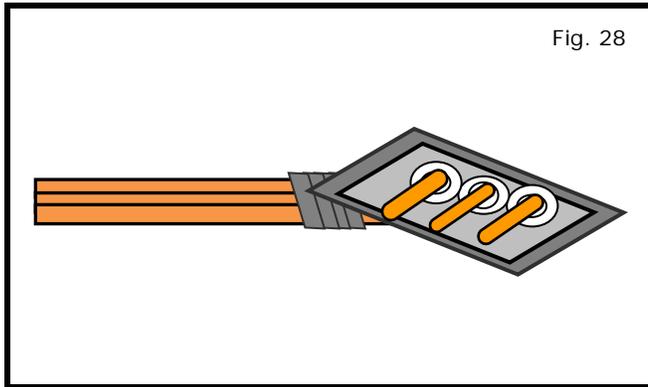
- a) Wrap the posi-tap bundle with foam tape, following a pattern similar to the electrical tape, making the best use of foam strips provided as shown in Fig. 26.



### 23) Finished foam wrap for bundle (strips-top view)

- a) Make sure the finished wrap looks similar to Fig. 27

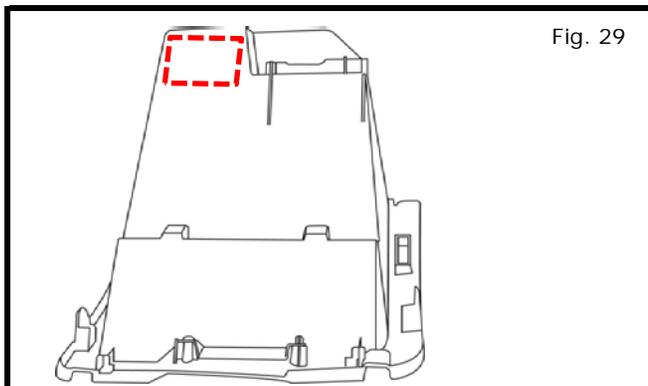
## INSTALLATION PROCEDURE: POSI-TAP



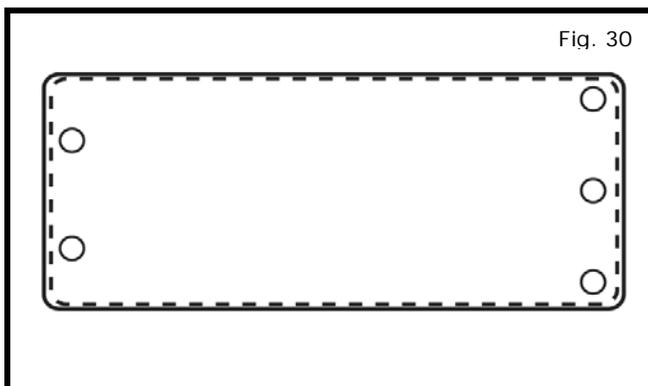
- 24) Finished foam wrap for bundle (strips-side view)
- Make sure the finished wrap looks similar to what is shown in Fig. 28

### CAUTION

This Accessory Service Connector is for use only with Genuine Nissan (or Infiniti) or Nissan (or Infiniti) approved accessories. Use of this connector with non Genuine Nissan (or Infiniti) or Nissan (or Infiniti) approved accessories or failure to follow the installation instructions for the connector contained in this package may result in damage to the accessory and/or your vehicle. Nissan (or Infiniti) is not liable for loss or damage due to improper installation or the installation of non Genuine or non approved accessories.

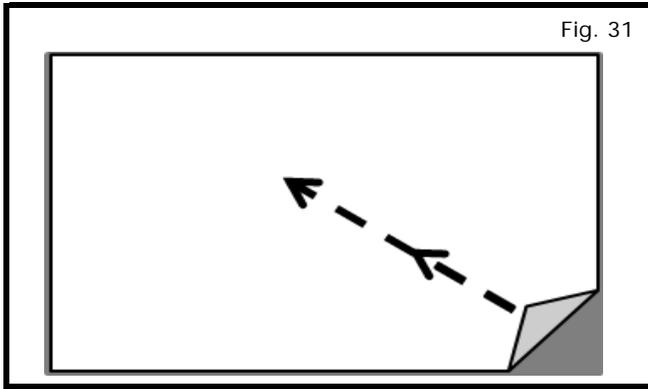


- 25) Prepping surface for mounting WiFi module.
- Clean glove box installation surface with an alcohol wipe.

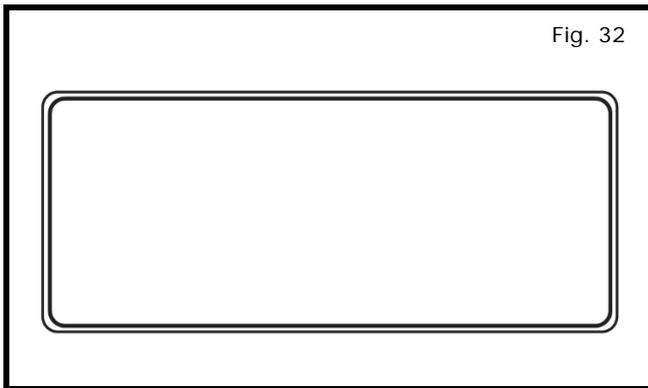


- 26) Prepping surface for mounting WiFi module.
- Clean WiFi base plate with an alcohol wipe.

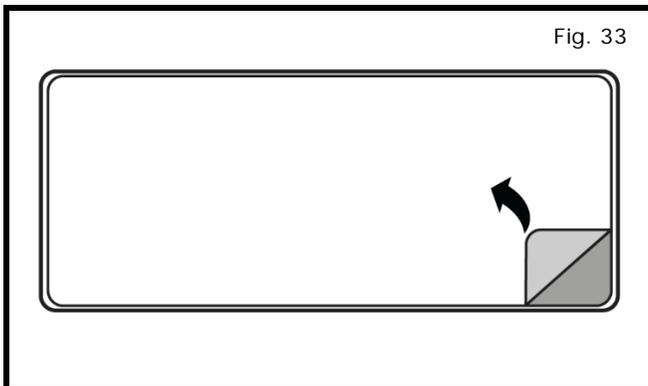
## INSTALLATION PROCEDURE: WIFI MODULE



- 27) Module Installation  
a) Peel tape liner off of adhesive square as shown in Fig. 31.

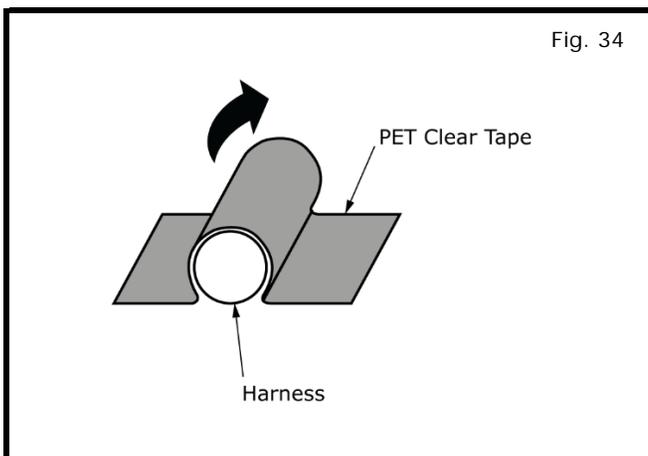


- 28) Module Installation  
a) Apply the double sided tape to the base plate of the WiFi module as shown in Fig. 32.



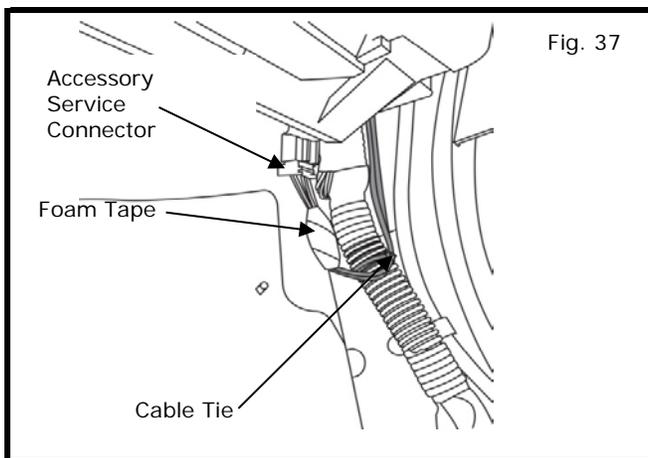
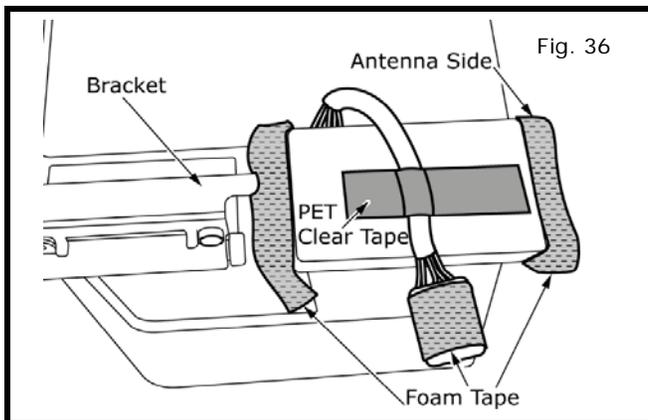
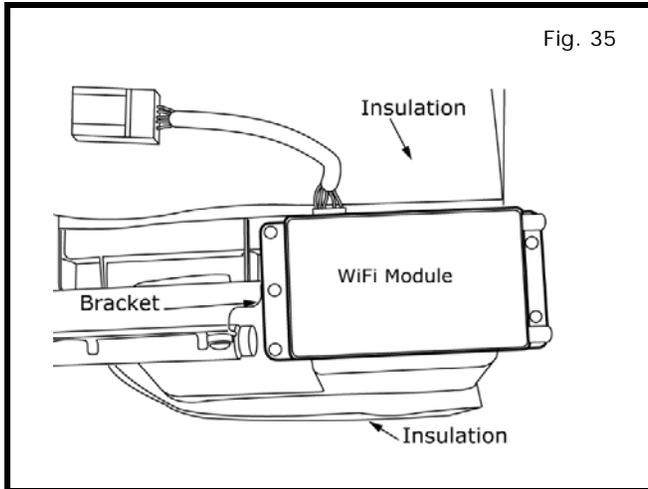
- 29) Module Installation  
a) Peel tape liner from foam pad on module as shown in Fig. 33.

**Line up WiFi module first in step 30, before removing paper liner.**



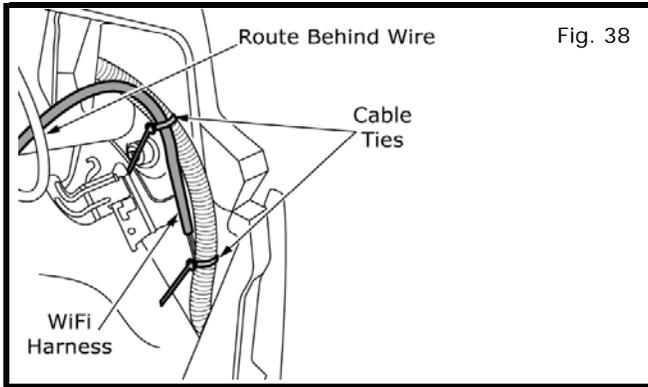
**NOTE:**  
When taping PET clear tape to glove box, ensure it is wrapped up and over harness as shown in Fig. 34.

## INSTALLATION PROCEDURE: WIFI MODULE

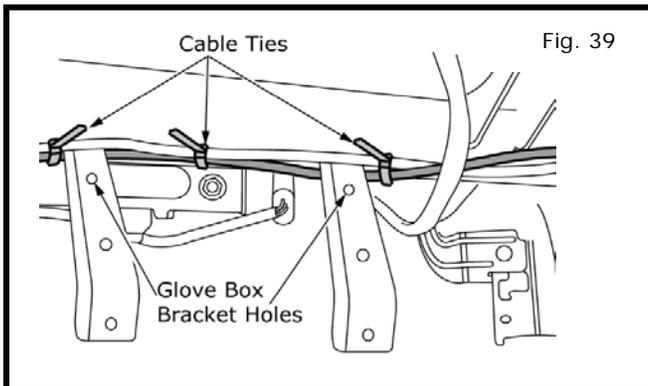


- 30) Module Installation
  - a) Place foam tape on edge of the glove box return between module and glove box return to avoid noise. Align WiFi module to contact bracket on return. See Figs. 35 and 36.
  - b) Wrap foam tape over edge of module (non-antenna side).
  - c) Mount WiFi module next to return bracket as shown
  - d) Wrap connector in foam tape. Carefully bend pig tail over top of the WiFi module and tape down using single sided PET Clear tape.
  - e) Place foam tape over antenna connectors.
- 31) Module Installation
  - a) The male connector is wrapped in foam tape.
  - b) The pig tail is secured to the top side of the module with PET clear tape as shown in Fig. 36.
  - c) Press WiFi module to glove box with 15 lbs. min. pressure.
- 32) Module Installation
  - a) Connect Accessory Service Connector to Passenger D-OPT connector.
  - b) Route the WiFi harness as shown along the existing vehicle wire harness. Foam wrap the posi-tap before tie wrapping.
  - c) Leave 25mm to 50mm extra harness before cable tie after connecting the Accessory Service Connector.

## INSTALLATION PROCEDURE: WIFI MODULE



- 33) Routing harness
  - a) Route WiFi harness behind and along existing vehicle harness.
  - b) Cable Tie in two places as shown.

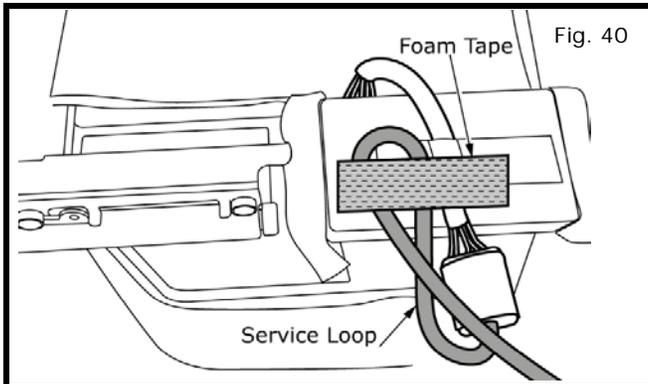


- 34) Route WiFi harness behind glove box bracket as shown and secure with three cable ties. See Fig. 39.

### NOTE:

Ensure harness is secured as shown to avoid interference with glove box bracket screw holes. See Fig. 39

- a) Leave 490mm harness from last cable tie to WiFi harness connector.



- 35) Make a service loop and tape excess harness to top of WiFi module with Foam tape.
- 36) Be careful not to hit antennas when reinstalling glove box.  
Final Assembly
- 37) Proceed to page 15 for final assembly check list and page 16 & 17 for WiFi module test.

## FINAL INSPECTION:

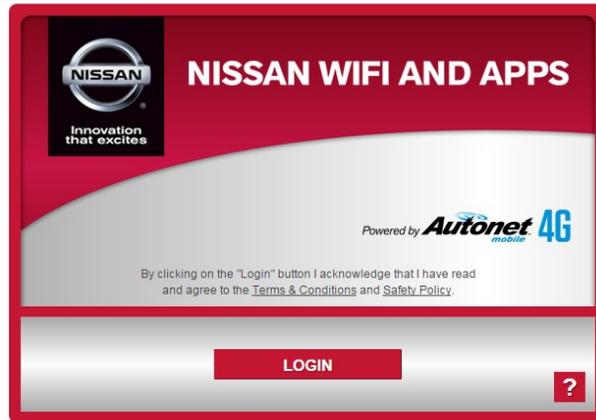
### CAUTION

Use caution when re-installing interior components to avoid damage, scratches, or breaking of mounting clips. Refer to the vehicle service manual for more information.

- Inspect the installation area for any debris.
- Make sure all trim clips are in their retainers and gently press the trim panels into place.
- Verify re-installed trim parts for proper flush fit (no gap, no waviness, etc.).
- Verify all clips are fully engaged and locked.
- Verify re-installed trim parts are free from cracks, scratches or stress marks.
- Verify vehicle headliner, seat, steering wheel, center console, floor carpets, etc. are not soiled.
- Verify interior and exterior is not damaged.
- Connect the battery negative terminal and tighten the nut to 5.4 N-m (47.8 lb-in).
- Turn ignition switch to "OFF". Wait 10 seconds, then switch to "ON".
- Turn ignition switch to "ON" and confirm proper operation of vehicle systems and verify:
- Re-program radio presets and other vehicle settings to the recorded settings.
  - Confirm proper audio function (AM, FM, SAT, CD and AUX).
  - That there are no new Diagnostic Trouble Codes.
  - Verify all windows and sunroof (if equipped), one touch operation and perform the reset procedure if necessary. Refer to the vehicle service manual for more details.
  - Power Back Door (If equipped). - Turn on the car, push and note if trunk opens.
  - Tail Lamp - Turn on headlamps; open glove box and note whether light goes on.
  - Start vehicle. Note whether vehicle starts.
- Front Sonar Module Connector - Turn on vehicle, put vehicle in 'Drive'. Move slowly towards a large object in front of the vehicle. Note whether alarm sounds.
- Rear Sonar Module Connector - Turn on vehicle, put vehicle in 'Reverse'. Move slowly towards a large object behind the vehicle. Note whether alarm sounds.
- Place the Owner Manual, Quick Reference Guide, and/or other Manual in the glove box.

## FINAL INSPECTION: CHECK OUT

- Turn your car to the ACC position to power up the WiFi module. Wait 3 minutes.
- Open your wireless network list and connect to "Autonet-XXXX" (The last 4 digits will be the last 4 digits of the WiFi serial number).
- Open your browser the following screen appears.



Autonet assumes no responsibility for the configurations, security, or data files on your wireless device resulting from connection to Autonet's network. Anti-virus, privacy, and security protection is the responsibility of the user.

Autonet Mobile recommends that the driver of this vehicle should not attempt to use this system while driving the vehicle.

Do not operate any function that takes your attention away from safely driving your vehicle. Any function that requires prolonged attention should be performed after coming to a complete stop. Always stop the vehicle in a safe location before performing these functions. Failure to do so may result in an accident.

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- Click the LOGIN button. If the following screen appears showing no signal while trying to log in there is insufficient cell tower signal. The vehicle may have to be moved outside for better reception.

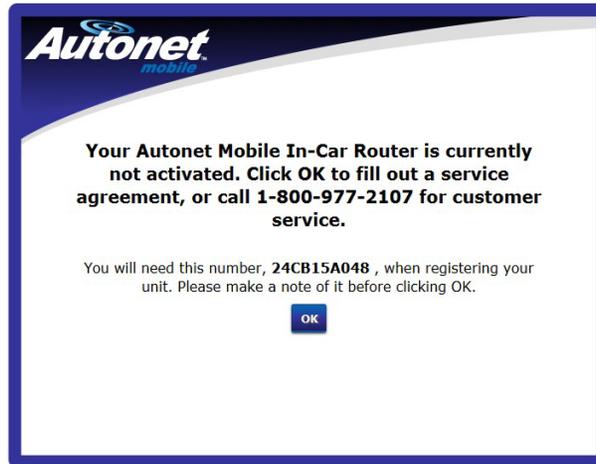


If you are unable to see the "Autonet-XXXX" in your wireless network list verify power is present to the WiFi module. If power is present and module still does not appear on the wireless network or the Establishing Link still appears on the display, access the following troubleshooting link:  
**[https://autonetmobile.com/nissan/AutonetTroubleshootingSteps\\_v1.0.1\\_08012017.pdf](https://autonetmobile.com/nissan/AutonetTroubleshootingSteps_v1.0.1_08012017.pdf)**

## FINAL INSPECTION: CHECK OUT



After pressing the 'Login', the following window will open, the WiFi module is now in communication with the cell tower. Installation is complete.



The test verifies data communication via network/telecommunication as indicated by prompting the user to fill out a service agreement.

If the service agreement does not pop up this indicates that the Telecommunications (WiFi/network) failed. Contact Autonet Mobile at 1-800-977-2107



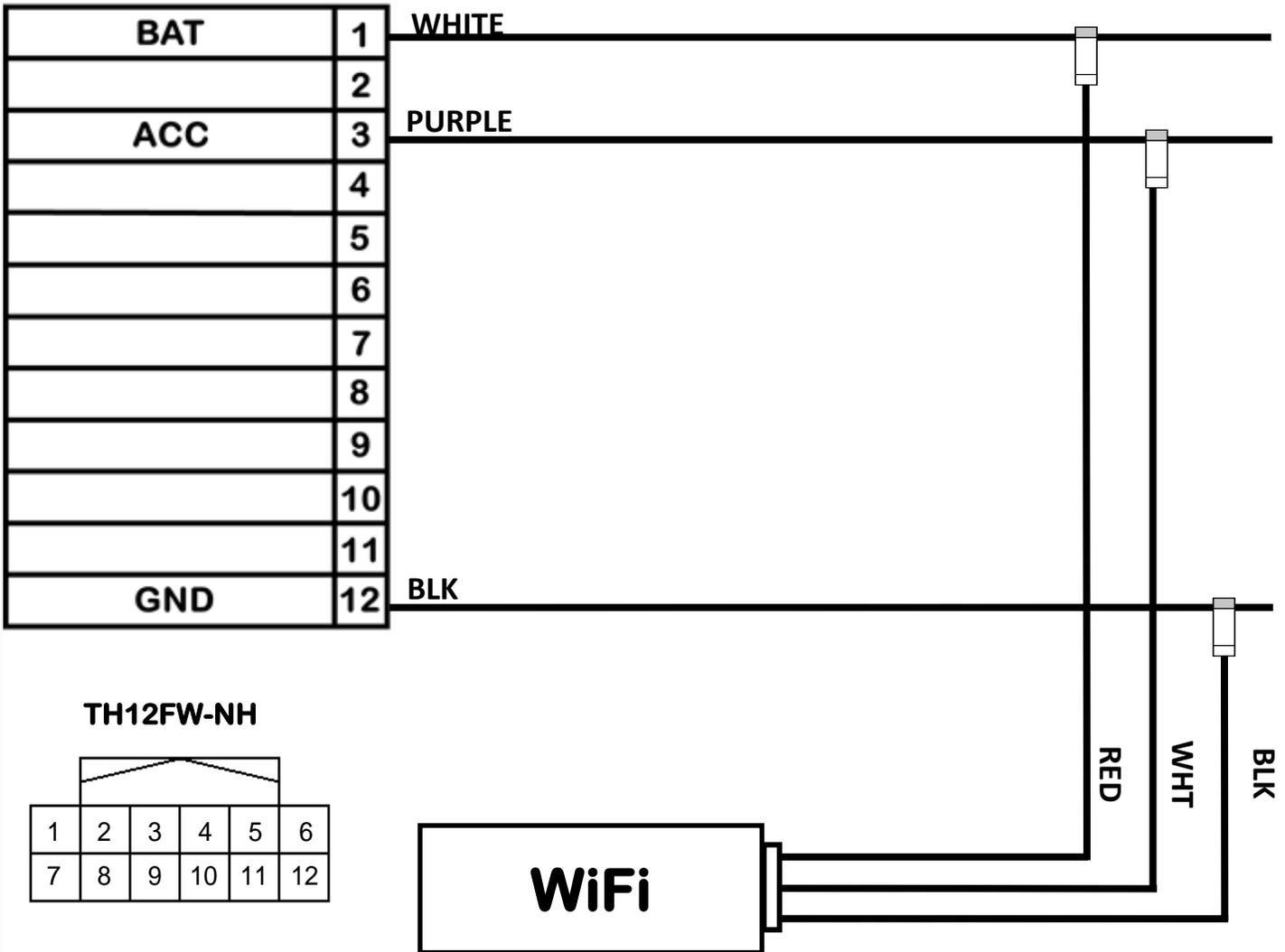
Place the Activation Guide, and glove box brochure in the glove box.

Posi-Tap™ is protected by patent # 5,228,875 5,695,369 5,868,589 6,692,313 Jap 2881414 Aus 708700 Tia 103534 Can 2204826 Mex 200626 Korea 477279 China Z197105562.9 & others pending.

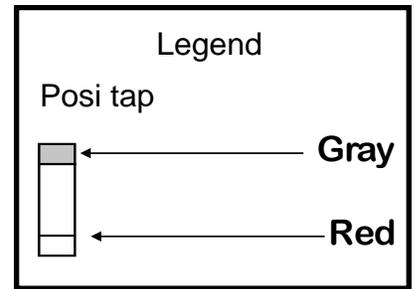
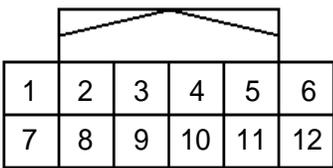
# WIFI

## ACCY\_SER\_CONN

## PASSENGER SIDE



### TH12FW-NH



**Note: Pin location is referenced looking into wire side of connector.**

CONNECTOR PN# 999Q9 AY001/ T99F6 4RA0A

## CAUTION

This Accessory Service Connector is for use only with Genuine Nissan (or Infiniti) or Nissan (or Infiniti) approved accessories. Use of this connector with non Genuine Nissan (or Infiniti) or Nissan (or Infiniti) approved accessories or failure to follow the installation instructions for the connector contained in this package may result in damage to the accessory and/or your vehicle. Nissan (or Infiniti) is not liable for loss or damage due to improper installation or the installation of non Genuine or non approved accessories.