

**INSTALLATION INSTRUCTIONS**

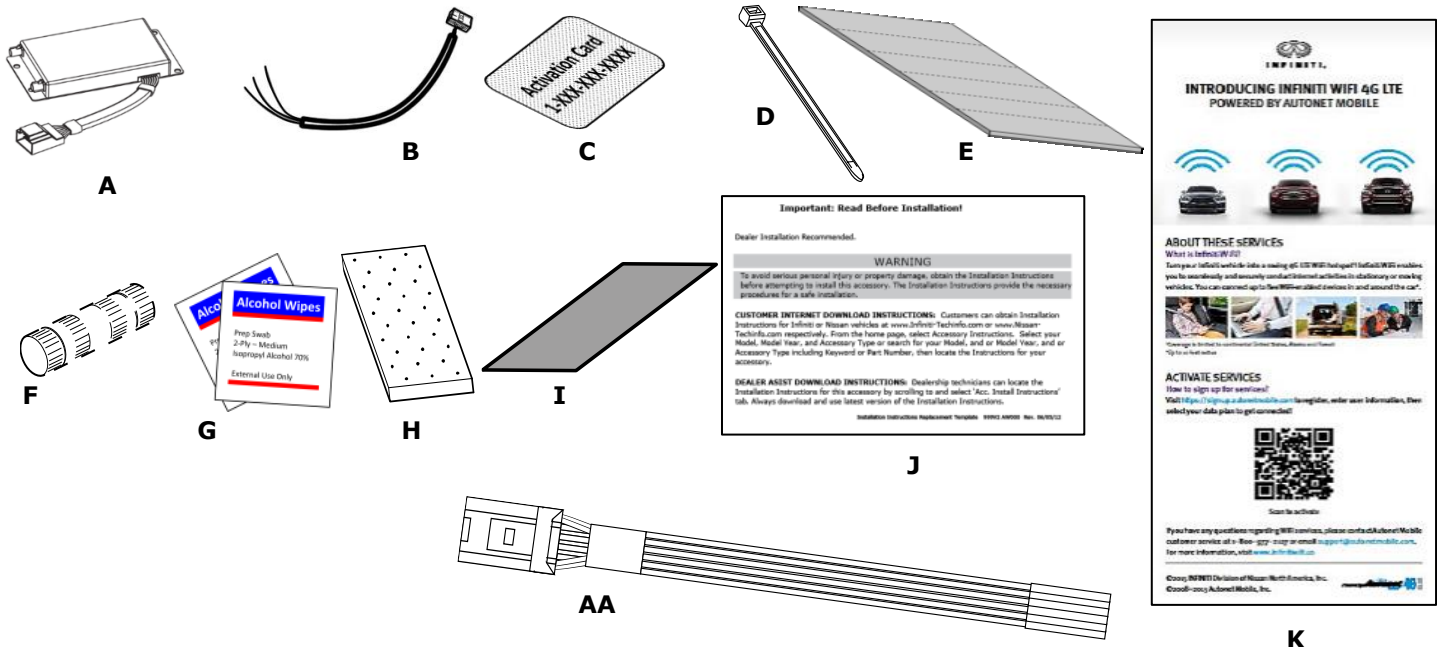
<b>DESCRIPTION:</b>	Wi-Fi Router Kit, Infiniti, QX30
<b>APPLICATION:</b>	QX30
<b>PART NUMBER:</b>	T99Q8 5DC0A (Wi-Fi kit) 999Q9-AY001 (Accessory Service Connector) - Not Included in T99Q8 5DC0A Wi-Fi Kit.

**KIT CONTENTS:**

Item	Qty.	Part Description	Service Part Number
A	1	Wi-Fi Router (TCU) Module Infinity	T98Q8 5DC0A
B	1	TCU Wire Harness, length 600mm	T98Q8 5DC0B
C	1	Activation Card	
D	5	Cable Ties, 10 inch	
E	8	Single sided Tape, (3.5x1x0.25") (LxWxH inches)	
F	3	Posi-tap connector	999M1 VT000
G	2	Alcohol Prep Pads	
H	1	Double Sided Foam Tape, (140x70x2 mm) LxWxH)	
I	5	Single sided PET Clear Tape, (4x1x0.01") (LxWxH inches)	
J	1	Installation Instruction Replacement Template	999V2 AW000
K	1	Glove Box Brochure - Infinity	

**ITEMS NOT IN KIT THAT MAY BE REQUIRED**

AA	1	Accessory Service Connector (NOT INCLUDED IN KIT)	999Q9 AY001
AB	1	Installation Instructions on Web	T98Q8 5DC0A II



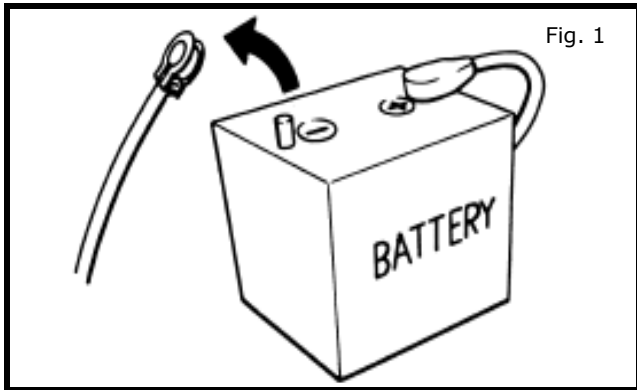
**TOOLS REQUIRED:**

- Flashlight
- Nylon Trim Tool
- Scissors
- 10mm Socket
- Ratchet
- Wire Cutter

**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.

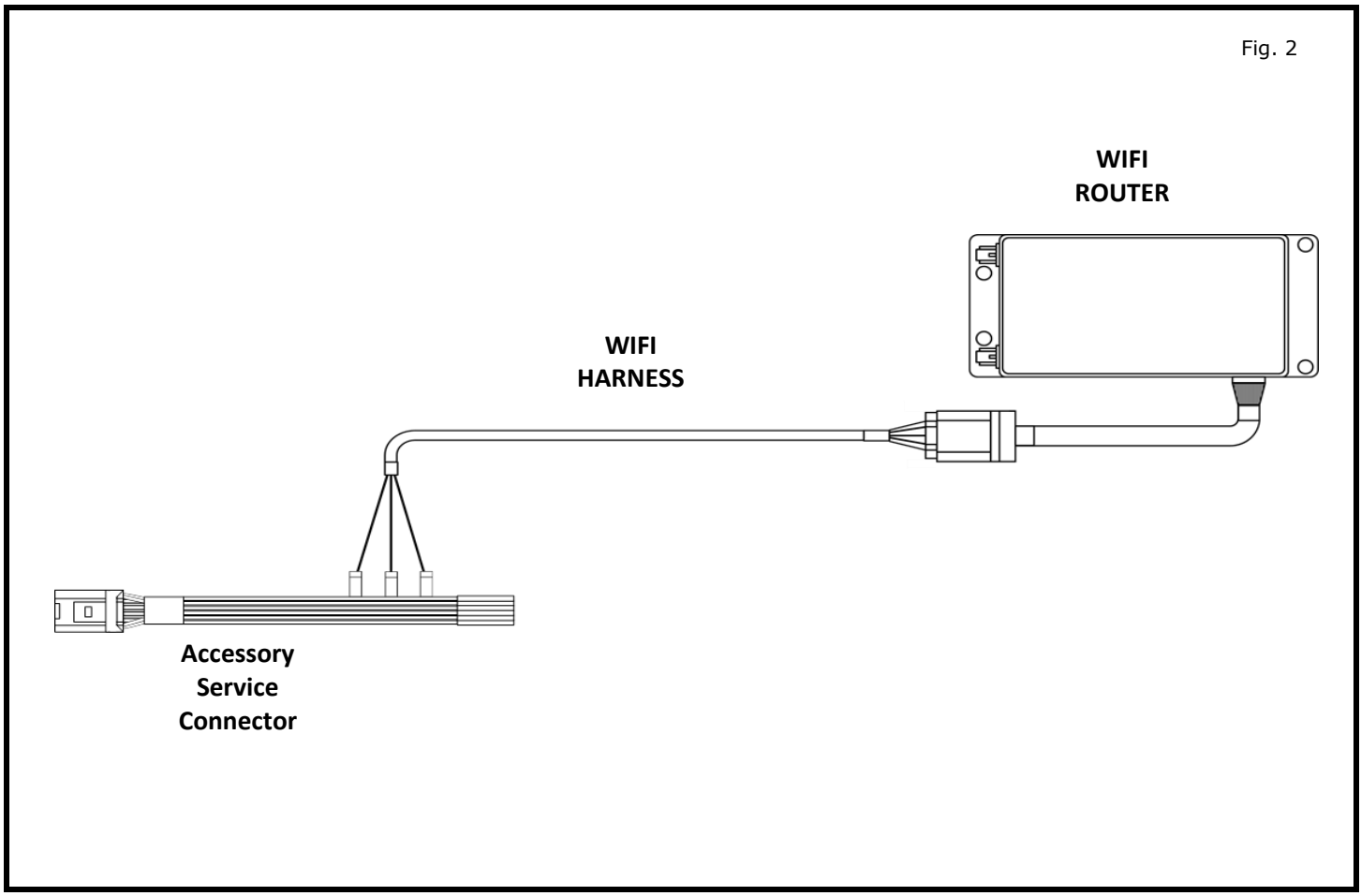


- 7) Disconnect the negative battery terminal on both batteries. See Fig. 1.
- 8) Use seat and floor protection.
- 9) This part is to be installed at surface temperature of 65-100° F.

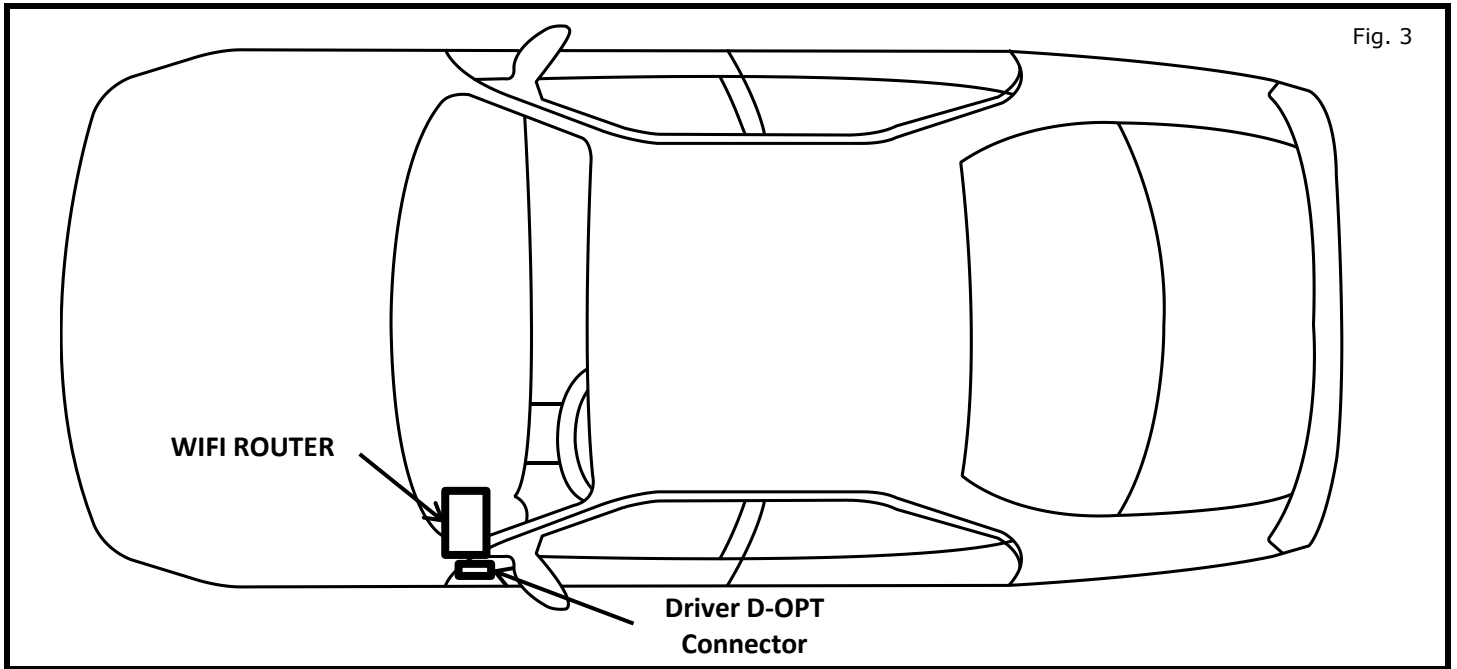
**⚠ CAUTION**

- 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:  
SYSTEM**



**INSTALLATION OVERVIEW:  
VEHICLE**



**⚠ WARNING**

- Follow all cautions and warnings in these Installation Instructions. Failure to do so could result in serious personal injury.
- To avoid rendering the SRS inoperative, which could increase the risk of personal injury or death in the event of a collision which would result in air bag inflation, all maintenance must be performed by an authorized NISSAN/INFINITI dealer.
- Improper maintenance, including incorrect removal and installation of the SRS, can lead to personal injury caused by unintentional activation of the system. For removal of Spiral Cable and Air Bag Module, see the SR section of the Service Manual.
- Do not use electrical test equipment on any circuit related to the SRS. SRS wiring harnesses can be identified by yellow and/or orange harnesses or harness connectors.
- Before servicing the SRS, turn ignition switch OFF, disconnect both battery cables and wait at least three minutes. For approximately three minutes after the cables are removed, it is still possible for the air bag and seat belt pre-tensioner to deploy. Therefore, do not work on any SRS connectors or wires until at least three minutes have passed.
- The spiral cable must be aligned with the neutral position since its rotations are limited. Do not turn steering wheel and column after removal of steering gear.
- Handle air bag module carefully. Always place driver and front passenger air bag modules with the pad side facing upward and the seat mounted front side air bag module standing with the stud bolt side facing down.
- Always work from the side of air bag module, NEVER work in front of it.

**⚠ CAUTION**

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

**INSTALLATION OVERVIEW:**

**Routing**

Fig. 4

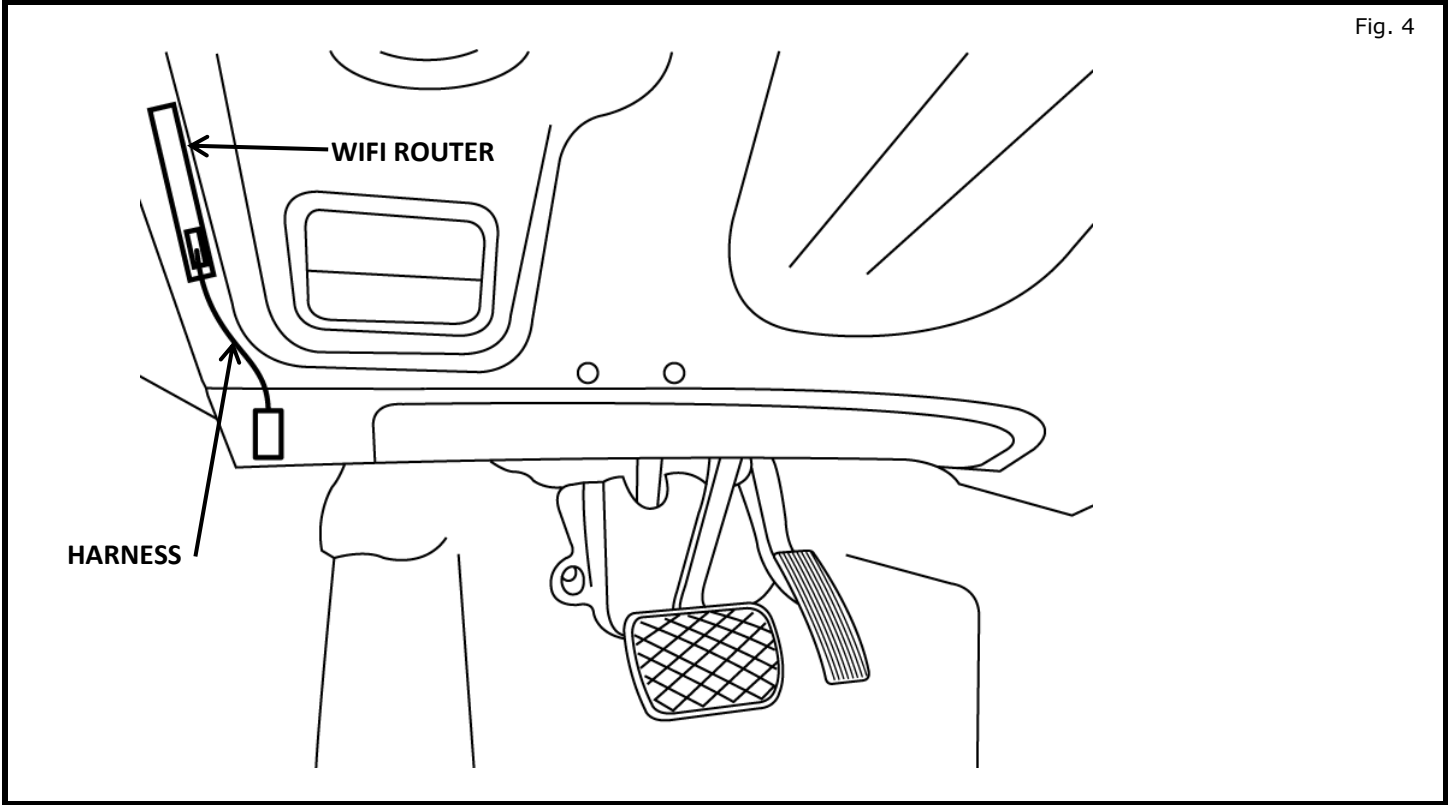
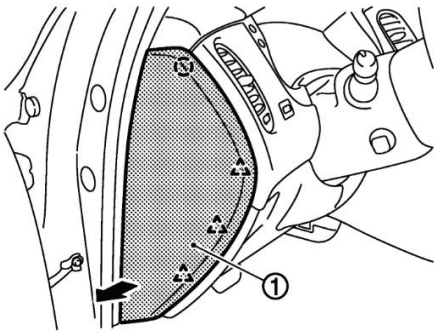


Fig. 5



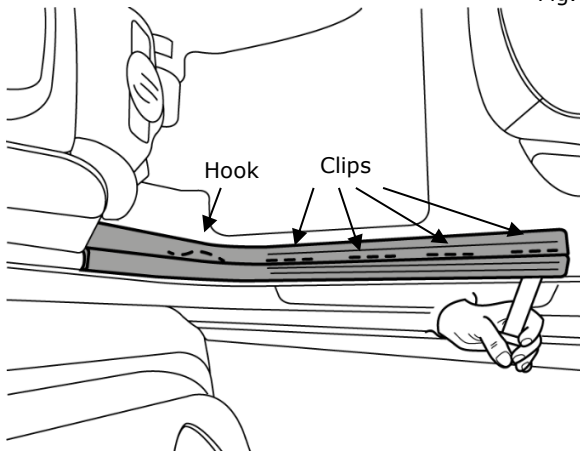
○ : Clip  
△ : Pawl

- 1) Using trim removal tool, remove driver side dash mask (1).

**⚠ WARNING**

- Always work from the side of air bag module, NEVER work in front or over of it.

Fig. 6

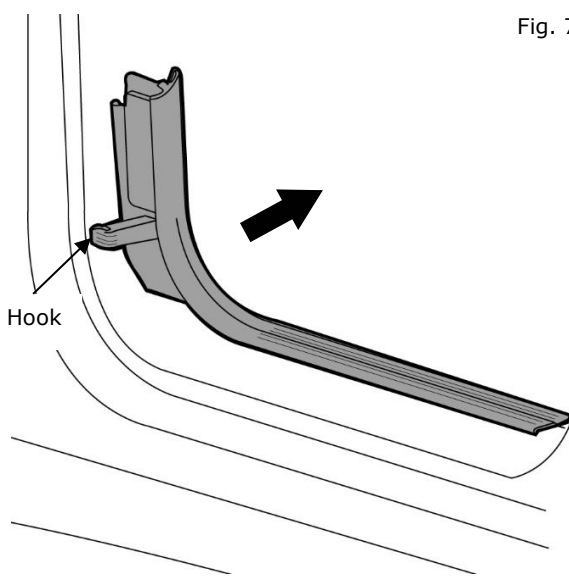


- 2) Using trim removal tool, remove driver side door inner sill panel.
  - a) Begin at rear and remove sill panel at four clip points shown.

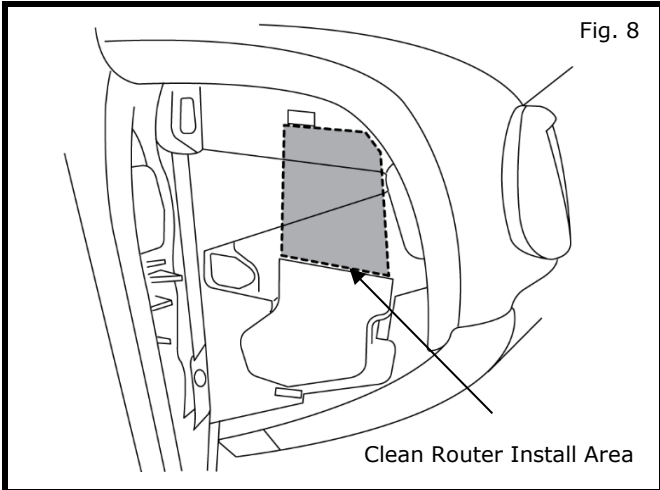
**⚠ WARNING**

- Always work from the side of air bag module, NEVER work in front or over of it.

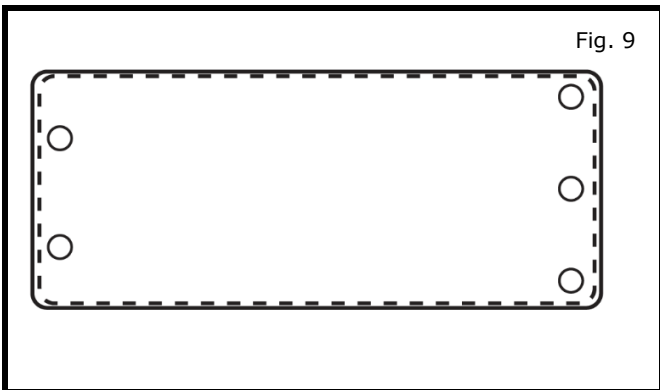
Fig. 7



- b) Unhook at front and remove panel.

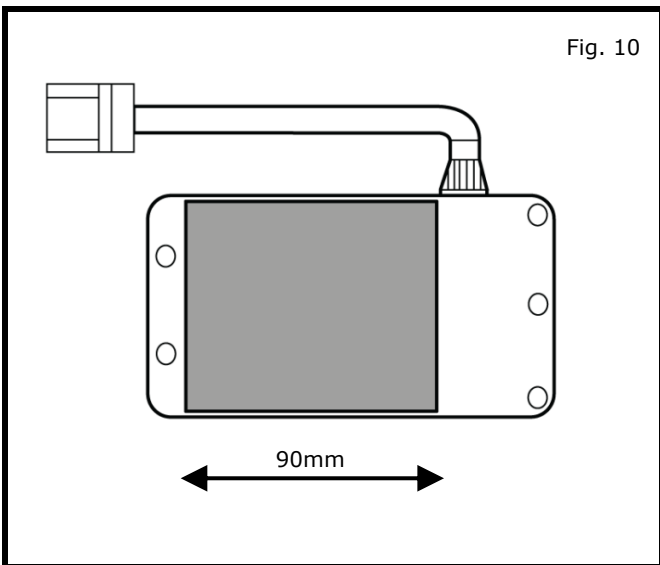


3) Clean inside dash side panel with alcohol wipe.



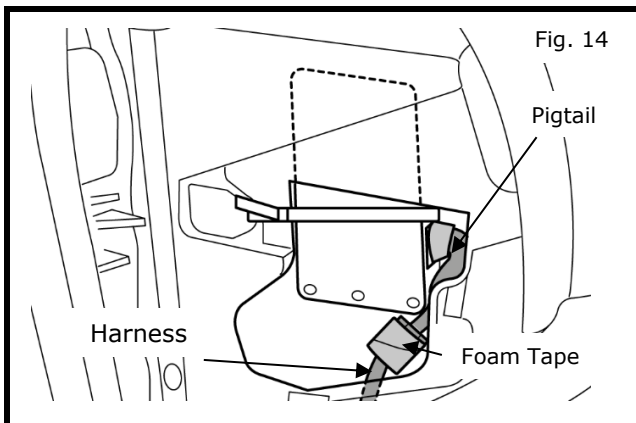
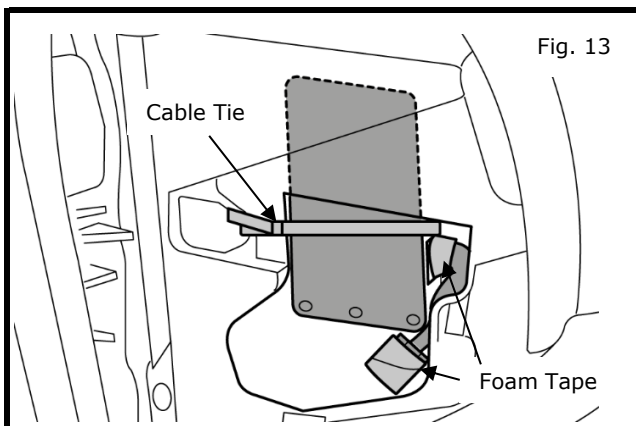
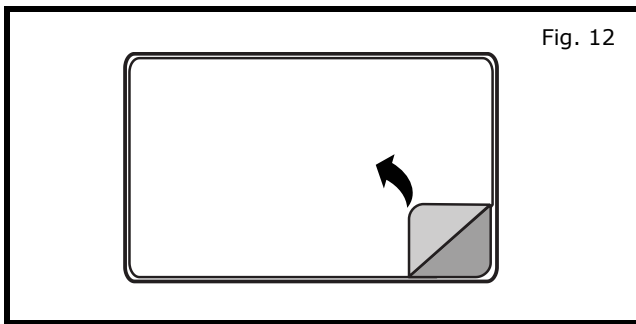
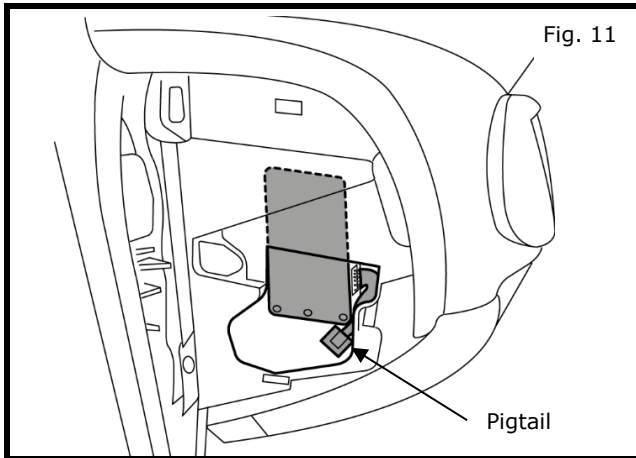
4) Module preparation.

a) Clean Wifi router base place surface with alcohol wipe.



b) Cut double sided tape to 90mm in length. Apply to router so tape stops before start of pigtail.

## INSTALLATION PROCEDURE: WIFI MODULE



- c) Dry fit router before removing tape backing to ensure router clears dash side finisher attaching points.
- d) Ensure pigtail is on inside before attaching router.

### 5) Module Installation

- a) Peel tape liner from foam pad on module as shown in Figure.
- b) Carefully place module with paper liner off in same position in previous step. Press WiFi module to opening.

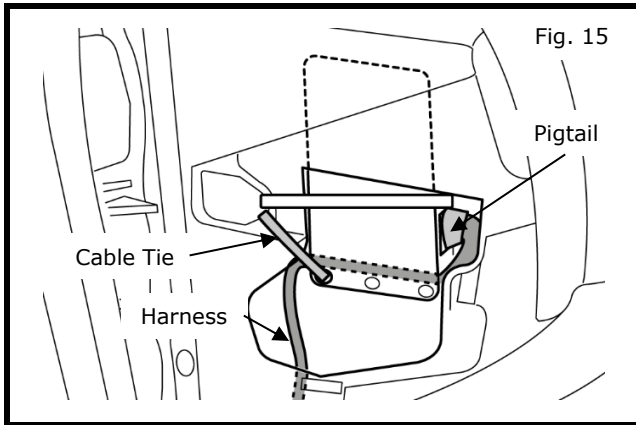
- c) Foam wrap pig tail male connector to prevent rattling.

- d) Foam wrap pigtail at connector.

- e) Cable tie router to hole in IP as shown.

### 6) Connect WiFi router pigtail to power harness.

- a) Wrap both connectors in foam tape.



- b) Cable tie pigtail to router hole, tucking pigtail connector under router. See figure. Proceed to page 9.



**INSTALLATION PROCEDURE: POSI-TAP**

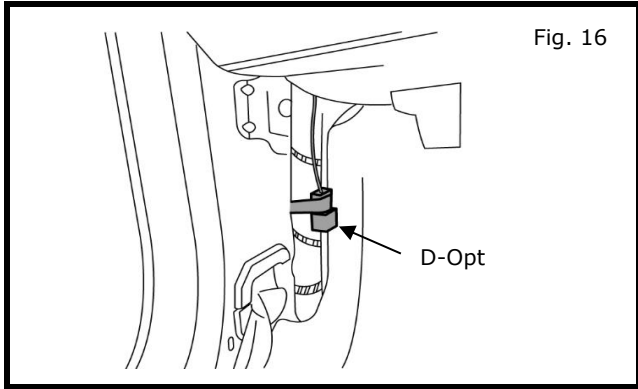


Fig. 16

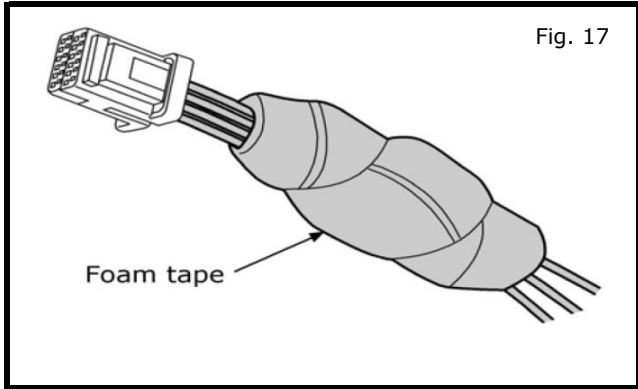


Fig. 17

999Q9 AY001		
Pin	Label	Color
1	IGN	WHITE
2	BAT	RED
3	TL LMP	PURPLE
4	RM LMP	YELLOW
5	BATSVR	PINK
6	FR_DR_SW_RH	GREEN
7	FR_DR_SW_LH	LT GREEN
8	THRU SIGNAL 1	GREY
9	RR_DR_RH	BLUE
10	RR_DR_LH	LT BLUE
11	ACC	ORANGE
12	GND	BLACK

Fig. 18

**Pin location is referenced looking from the harness side of connector.**

1	2	3	4	5	6
7	8	9	10	11	12

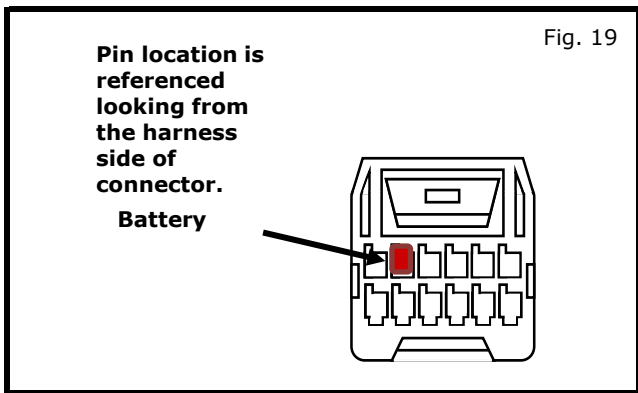


Fig. 19

- 7) Locating Driver D-Opt Connector.
  - a) Locate Driver D-Opt Connector.

**NOTE:**

- If there is already an Accessory Service Connector in the passenger side read step 8, if not proceed to step 9.
- If there is not an Accessory Service Connector in the passenger side remove the dummy plug in connector.

- 8) 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.

**NOTE:**

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

- 9) Accessory Service Connector Reference
  - a) Accessory Service Connector pin out is shown in Fig. 18.

**NOTE:**

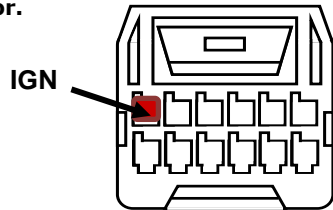
- For direction on how to posi-tap refer to steps Pages 10 through 12.
- For additional circuit information refer to the mech drawing at the end of the installation instructions.

- 10) Posi-tap Battery Saver
  - a) Tap **Red** wire on WiFi TCU Module harness to **Red** (Batt) wire on Accessory Service Connector as shown.

## INSTALLATION PROCEDURE: POSI-TAP

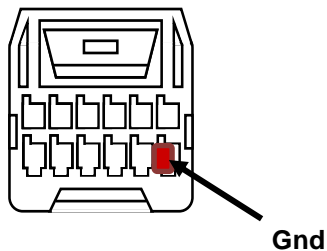
Pin location is referenced looking from the harness side of connector.

Fig. 20



Pin location is referenced looking from the harness side of connector.

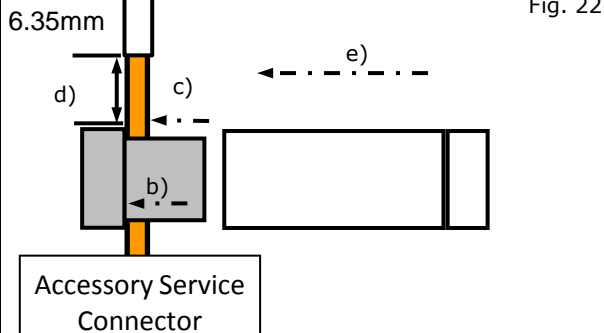
Fig. 21



- 11) Posi-tap ACC
  - a) Tap **White** wire on the WiFi TCU Module harness to White (IGN) wire on the Accessory Service Connector as shown.

- 12) Pos-itap GND
  - a) Tap **Black** wire on WiFi TCU Module harness to Black (Gnd) wire on Accessory Service Connector as shown.

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



- 13) Posi-tapping an accessory service wire.
  - 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 heat shrink of Accessory Service Connector (measurement for first posi-tap installed on circuit).
  - e) Tighten tap **TIGHT** with finger pressure.
  - f) Tighten by another quarter turn.

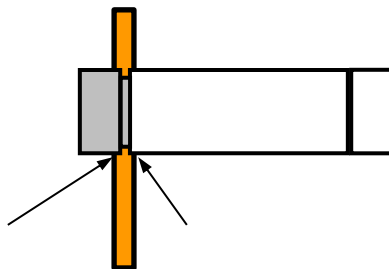


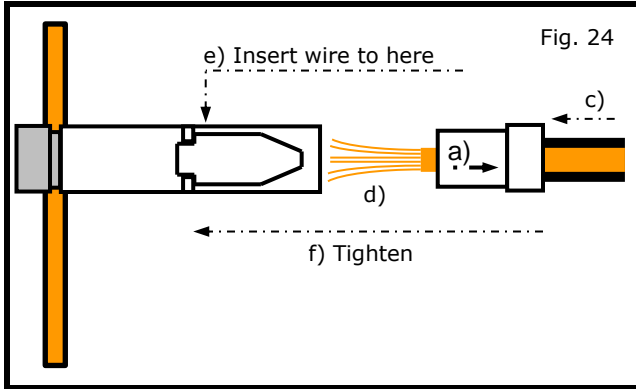
Fig. 23

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

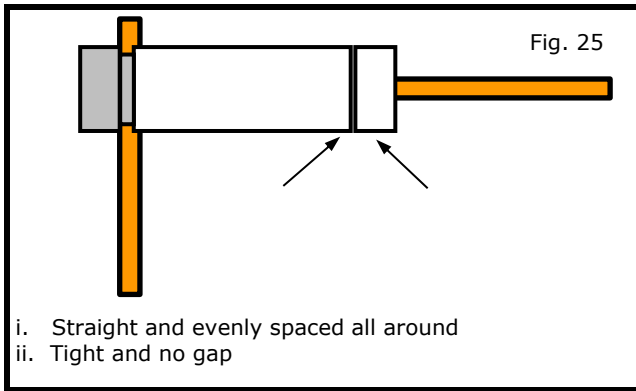
**NOTE:**  
**Avoid putting pressure on the vehicle wire and tap for the remainder of the installation.**

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

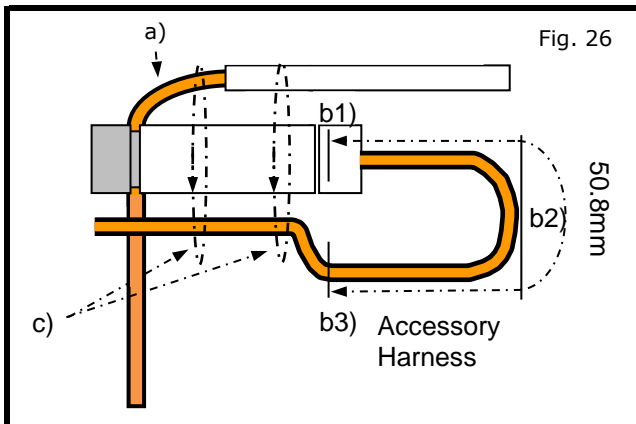
## INSTALLATION PROCEDURE: POSI-TAP



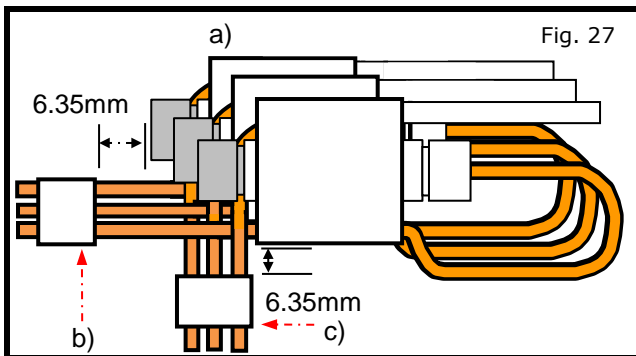
- 15) Tap accessory wire.
  - a) Remove tap (non-pierce) side from tap.
  - b) Remove protective stub from the wire.
  - c) Insert wire through non-pierce side opening.
  - d) Spread individual strands into fan shape.
  - e) Insert wire into tap body and ensure that it is all the way in.
  - f) Tighten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



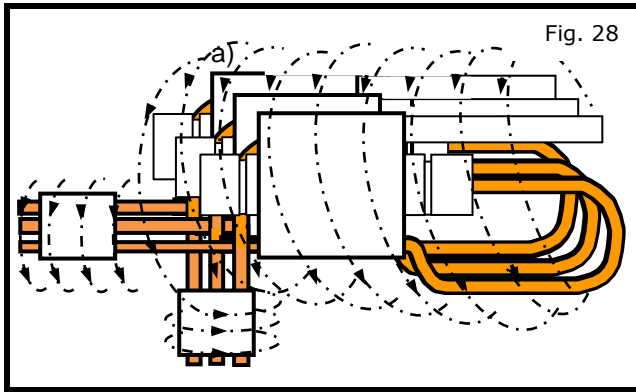
- 16) Confirm the tapped accessory wire.
  - a) Pull on wire lightly to ensure connection.
  - b) Inspect tap to ensure correct installation as shown.



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



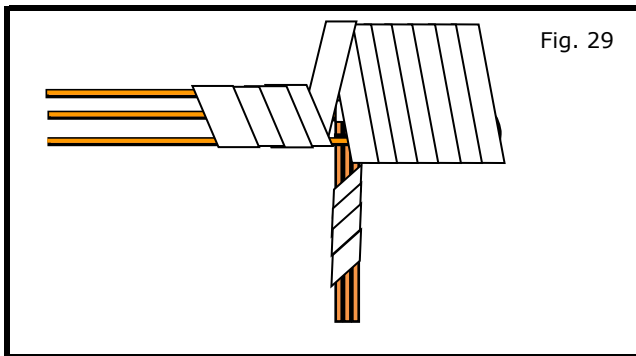
- 18) Securing multiple accessory taps.
  - a) Tapped accessories (wires already secured to tap bodies) are stacked slightly staggered on top of each other as shown in Fig a).
  - b) Tapped wires on the non-pierce side of all posi-taps are secured to each other with electrical tape ( $\geq 2$  revolutions)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



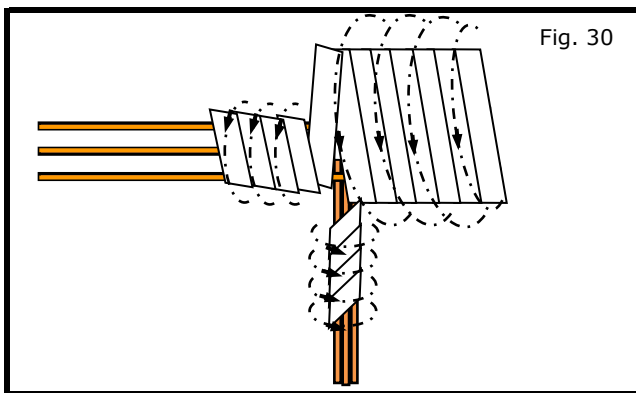
- 19) Pre- foam protective wrap
- a) Starting at heat shrink; firmly wrap posi-tap bundle with electrical tape or non-adhesive wire harness tape, making sure to overlap the previous revolution as shown.

**NOTE:**

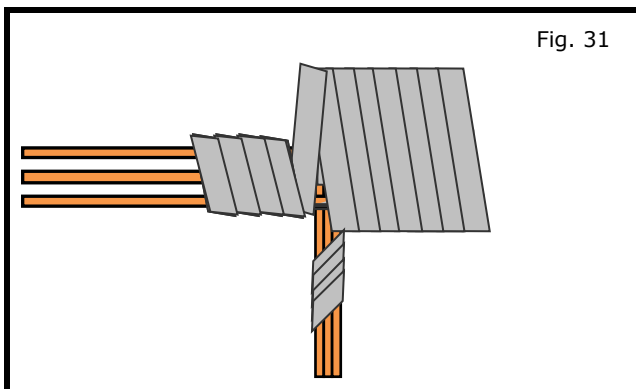
**If using a non adhesive tape to wrap the bundle, secure at both ends with  $\geq 2$  revolutions of adhesive electrical tape.**



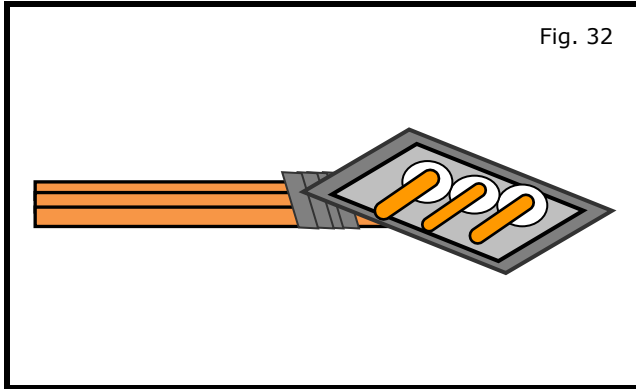
- 20) Finished protective wrap
- a) Make sure finished wrap looks similar to Fig. 29.



- 21) Foam wrap for posi-tap bundle (foam strips)
- a) Wrap posi-tap bundle with foam tape, following a pattern similar to electrical tape, making best use of foam strips provided as shown.



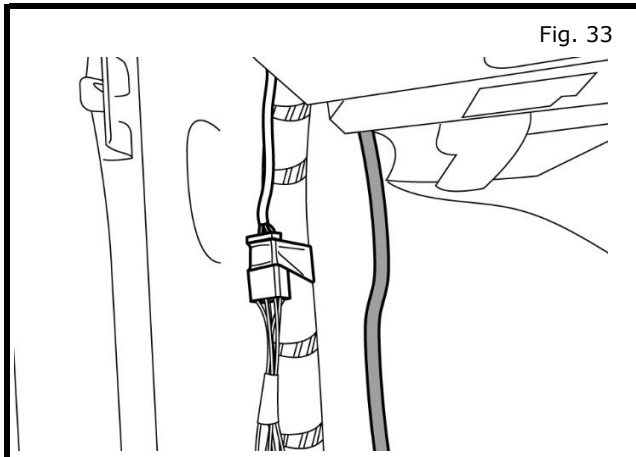
- 22) Finished foam wrap for bundle (strips-top view)
- a) Make sure the finished wrap looks similar to Fig. 31.



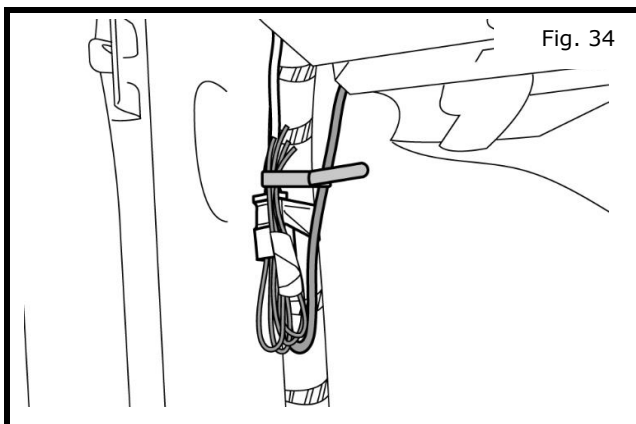
- 23) Finished foam wrap for bundle (strips-side view)
- a) Make sure the finished wrap looks similar to what is shown in Fig. 32.

**⚠ 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.**



- 24) Connect accessory connector to D-Opt connector.



- 25) Cable tie harness close to D-Opt connector with harness pointing up. Fig 34.
- 26) Reinstall Door Inner Sill Panel.
- a) Put hook in first, then secure at the top before gently pushing on the four clips. Start at top clip and work way down to remaining three.

**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.



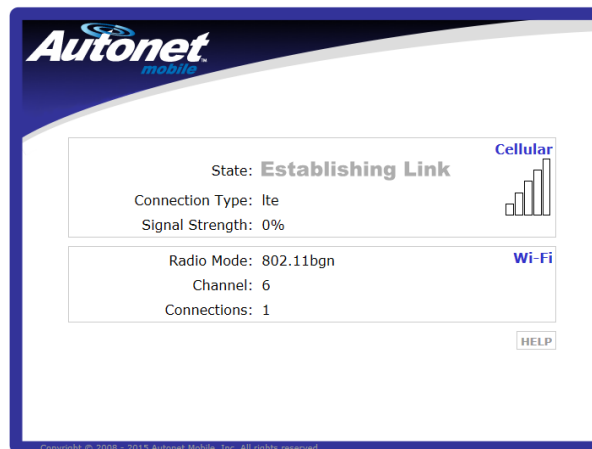
Autonet assumes no responsibility for the configurations, security, or data files on your wireless device resulting from connection to Autonet's network. Anti-virus, privacy, and security protection is the responsibility of the user.

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.

Copyright © 2008 - 2015 Autonet Mobile, Inc. All Rights Reserved.

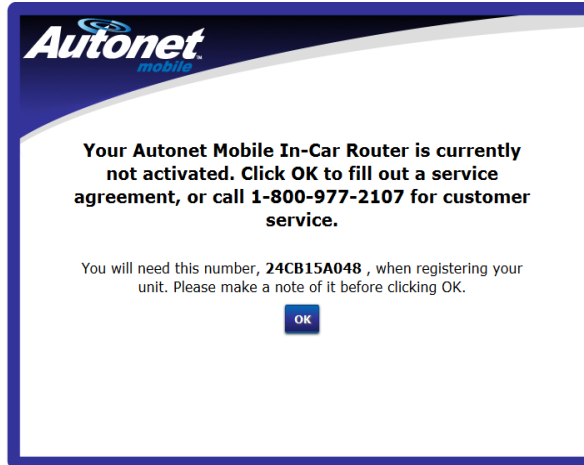
- Click the LOGIN button. If the following screen appears showing no signal while trying to log in there is insufficient cell tower signal. The vehicle may have to be moved outside for better reception.



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 list call Autonet Mobile at 1-800-977-2107

## 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.

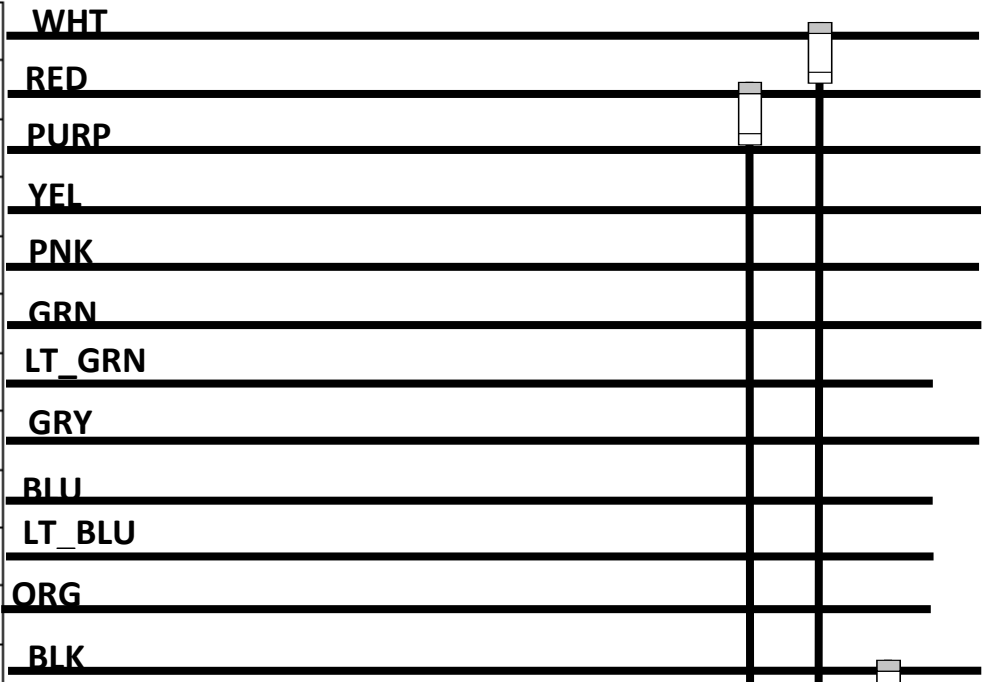


# WiFi

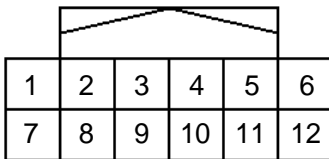
DRIVER'S SIDE

## ACCY\_SER\_CONN

IGN	1
BAT	2
TAIL_LAMP	3
ROOM_LAMP	4
BAT_SAVER	5
FR_DOOR_SW_RH	6
FR_DOOR_SW_LH	7
THRU_SIGNAL_1	8
RR_DOOR_RH	09
RR_DOOR_LH	10
ACC	11
GND	12

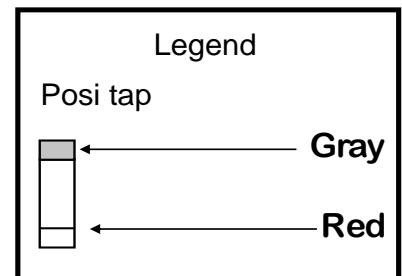


## TH12FW-NH



RED  
WHT  
BLK

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



## 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 installation instructions for connector contained in this package may result in damage to 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.