

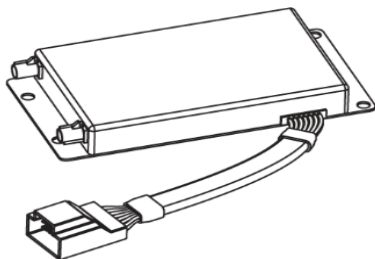


GENUINE PARTS

INSTALLATION INSTRUCTIONS

DESCRIPTION:	WiFi
APPLICATION:	Kicks
PART NUMBER(S)	T99Q8 4RA0A
REQUIRED FOR INSTALLATION:	T99F6 4RA0A , Accessory Service Connector - not included in kit above
KIT CONTENTS:	

A



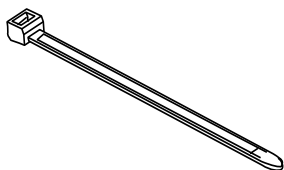
B



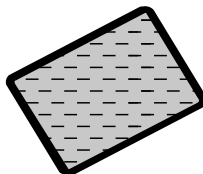
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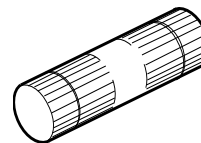
D



E



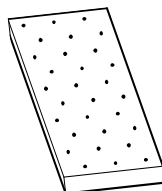
F



G



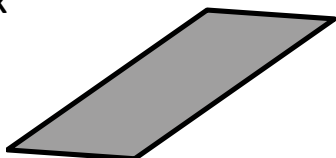
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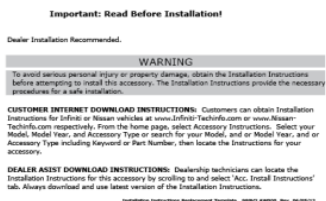
J



K



L



ADDITIONAL SERVICE PARTS NOT INCLUDED IN KIT ABOVE :

Item	Qty.	Part Description	Service Part Number
AAA	1	Accessory Service Connector	T99F6-4RA0A



AAA

PART NUMBER(S) **T99Q8 4RA0A**
REQUIRED FOR **T99F6 4RA0A (Accessory Service Connector) - Not Included in Accent Lighting Kit**
INSTALLATION:

KIT CONTENTS:

Item	Qty.	Part Description	Service Part Number
A	1	WiFi TCU Module	Not Serviceable- Part of Kit T99Q8 4RA0A
B	1	Wire Harness	
C	1	Activation Card	
D	8	10" Cable Ties	
E	8	Foam Tape 1" x 3.5"	
F	3	Posi-Taps	
G	2	Alcohol wipe	
H	1	Two Sided Foam Tape	
J	1	Glove Box Brochure	
K	5	Pet clear Tape 1" x 4"	
L	1	II Replacement Template	
			999V2 AW000

TOOLS REQUIRED:

- Trim Removal Tool, Nylon
- 10mm Socket
- Flashlight
- #2 Philips Screwdriver
- Ratchet
- Wire Cutter

INSTALLATION CAUTIONS:

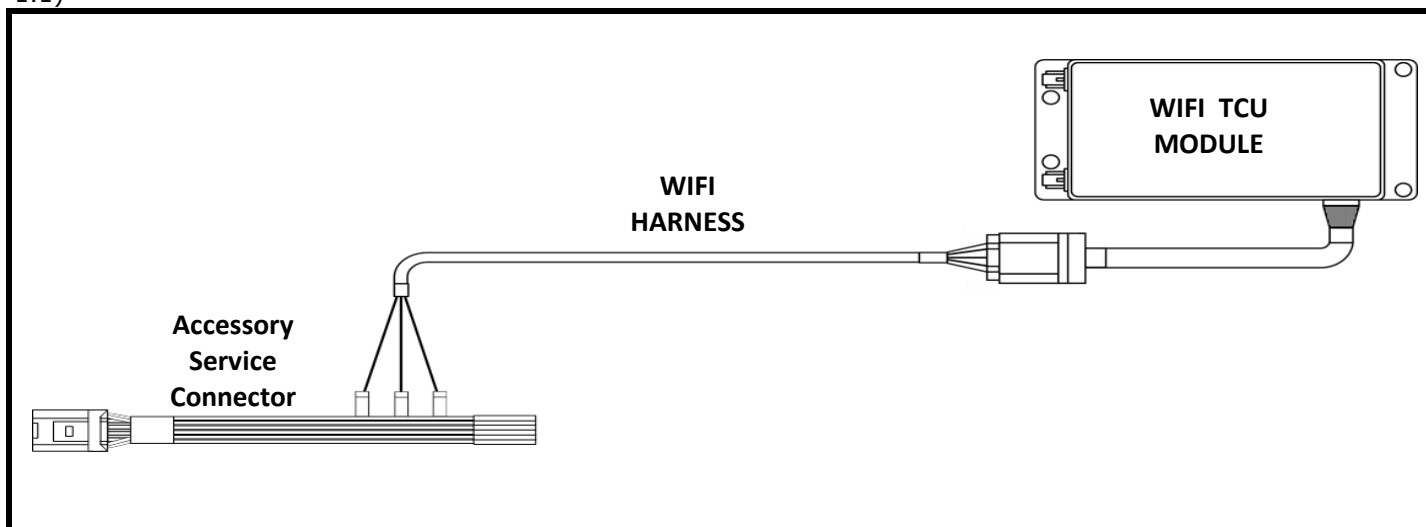


CAUTION

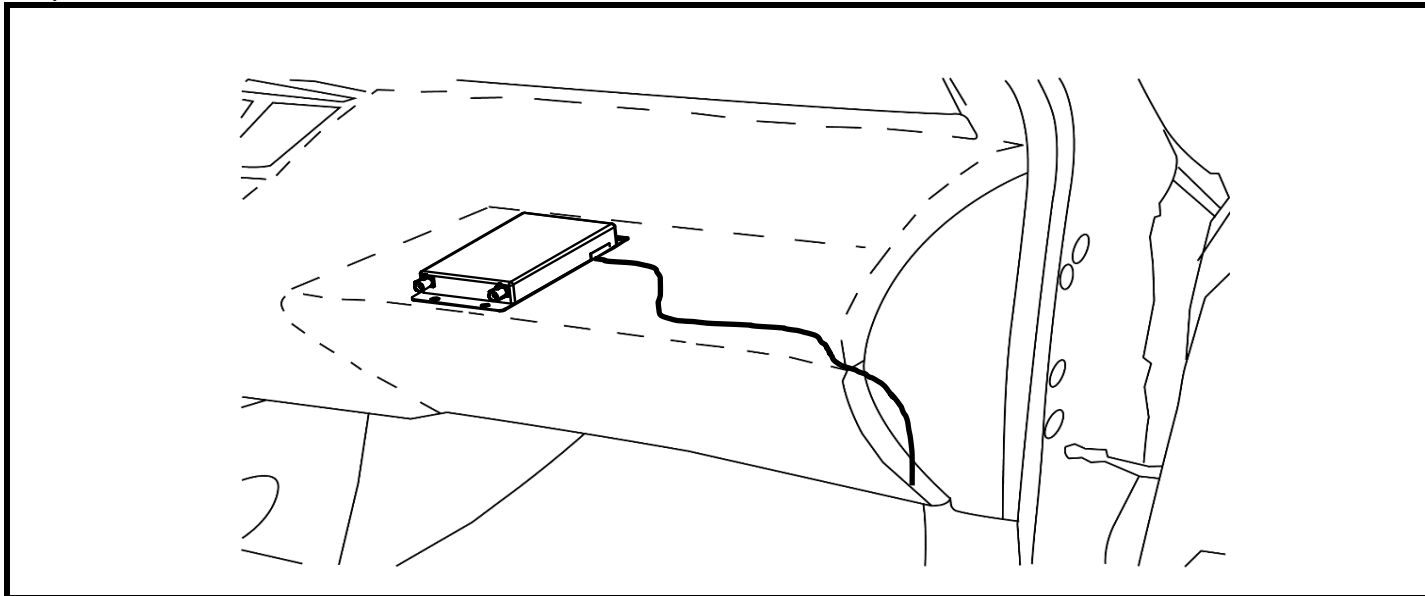
- Dealer installation recommended. Instructions may refer to Service Manual.
- Please read this instruction carefully before installing this product for correct installation.
- Please **DO NOT** use or install the part in ways other than what is described.
- Always use floor, seat and steering wheel protection.
- Parts utilizing adhesion as method of attachment are to be installed at surface temperature of 15-38° C
- Posi-Tap™ instructions must be specifically followed as described in Appendix A.
- Apply masking tape as needed to protect areas that may be scratched or damaged by tools.
- Always remove vehicle parts in the sequence directed. Improper procedure can damage parts.
- 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.
- Store removed parts in a safe manner.
- If a problem occurs during installation, please contact Nissan dealer where you purchased the product.

SECTION 1 - OVERVIEW

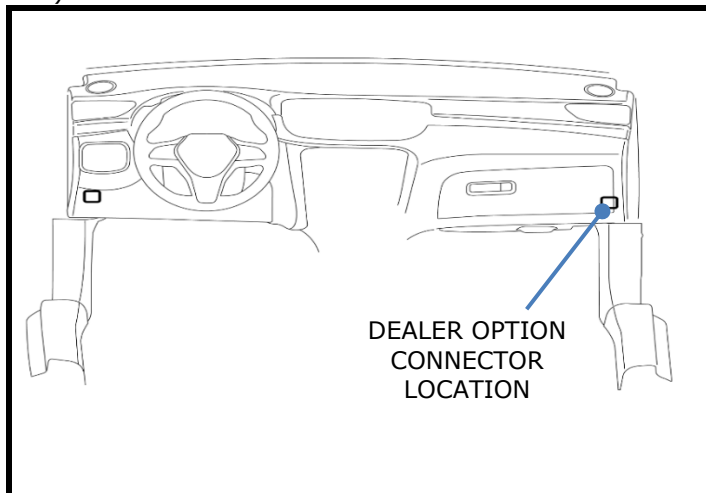
1.1) SYSTEM



1.2) VEHICLE



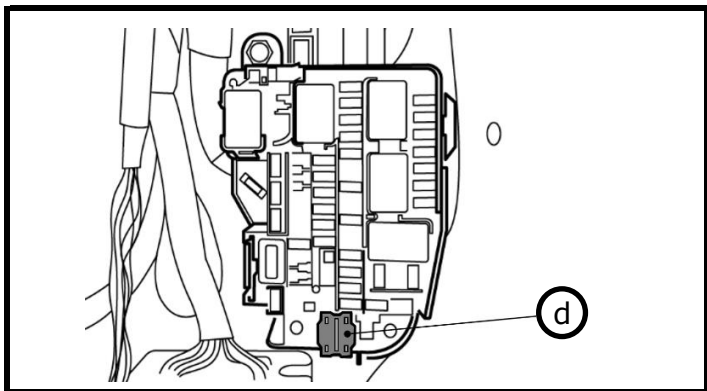
1.3) D-OPT CONNECTOR LOCATION



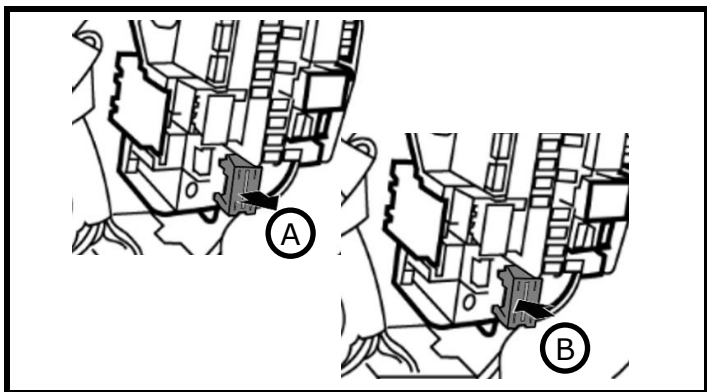


CAUTION

- Always confirm the ignition is in the "OFF" position before changing the E.S.S. position.
- If E.S.S. is not in Customer Mode, there will be a loss of normal vehicle operation, preventing accessory function check.



- 2.1) Check Extended Storage Switch Position
- Put shift lever in "P" position for A/T and CVT or "1st" for M/T .
 - Apply park brake.
 - Place ignition in "OFF" mode.
 - Locate Extended Storage Switch in cabin fuse block as shown.
 - Confirm Extended Storage Switch is in "Customer" (In/Engaged) position.
 - If ESS is not In/Engaged, then proceed to step 2.2 .



- 2.2) Changing ESS Position
- To disengage Customer Mode, pull out in **A** direction as shown.
 - To engage Customer Mode, press in **B** direction as shown.

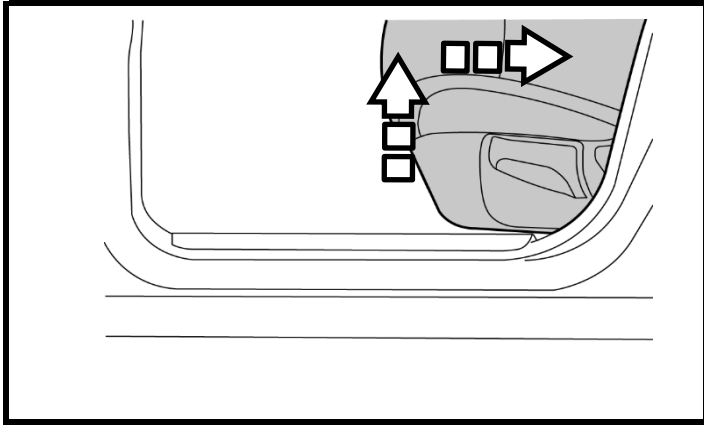
Condition	Switch Position	Note
Vehicle is delivered to the dealer	Transit (OUT)	
Vehicle is being stored at the dealer	Transit (OUT)	
Vehicle is delivered to customer	Customer (IN)	

- 2.3) Record Customer Presets
- Place ignition in "ON" mode.
 - Record the customer radio presets and other presets as required.

Preset	1	2	3	4	5	6	7	8	9	10

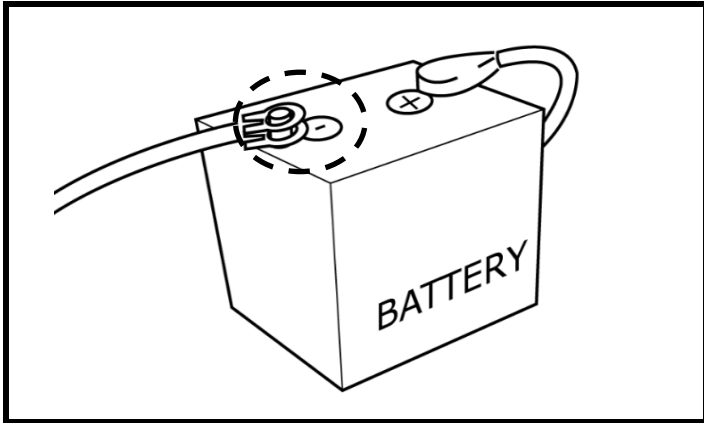
- Place ignition in "OFF" mode.

SECTION 2 - VEHICLE PREPARATION



2.4) Move seats

- a) Move both front seats to full upward and rearward position.



2.5) Disconnect battery terminal

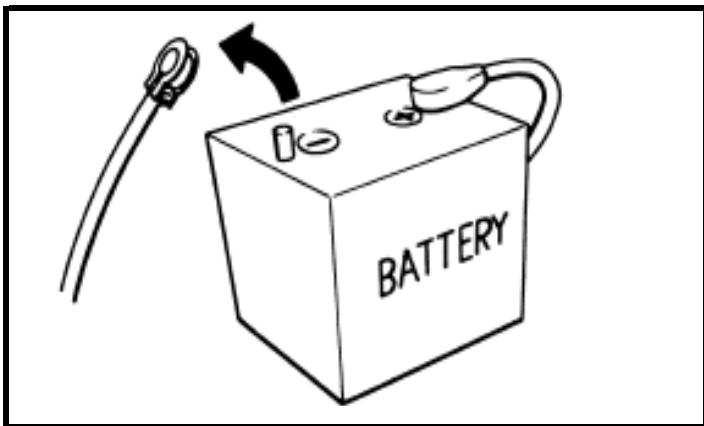
- a) Locate negative battery terminal.
- b) Loosen nut with 10mm socket.

Battery Terminal Nut



CAUTION

- Allow 3 min after key off with doors closed for vehicle power to time out.



2.6) Disconnect battery terminal

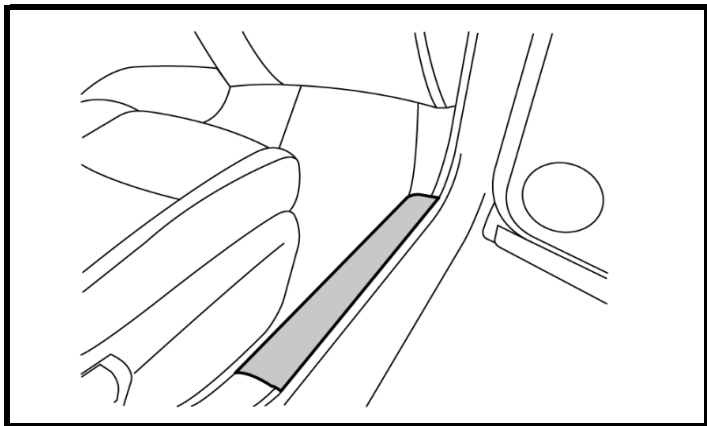
- a) Lift negative battery terminal off stud.
- b) Isolate negative battery terminal.



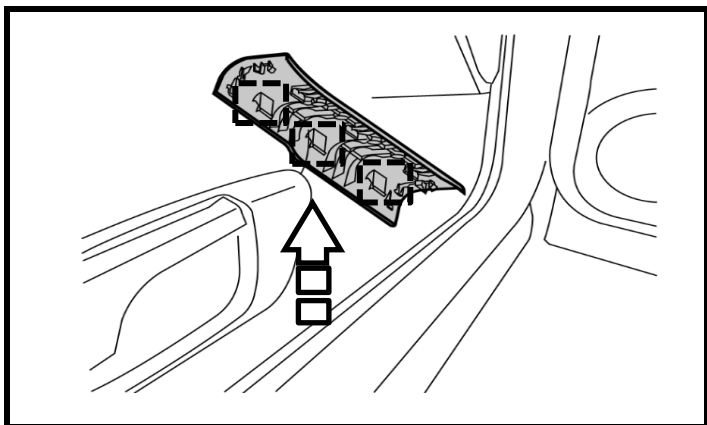
CAUTION

- Allow 3 min after negative terminal disconnect before separating any electrical connectors.

SECTION 3 - TRIM REMOVAL

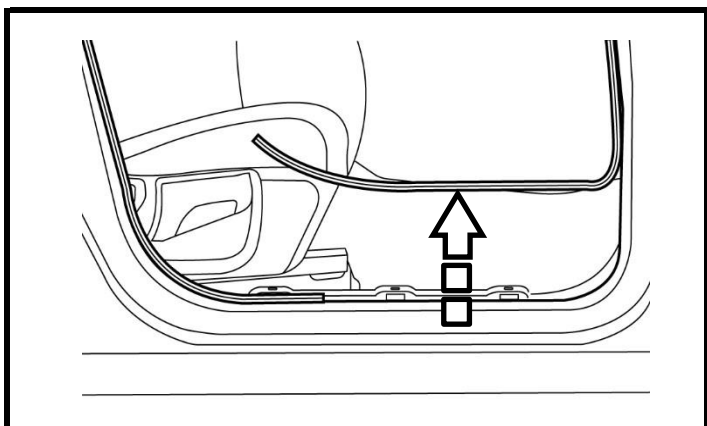


- 3.1) Remove RH trim
 a) Locate RH (Passenger side) inner sill plate assembly.

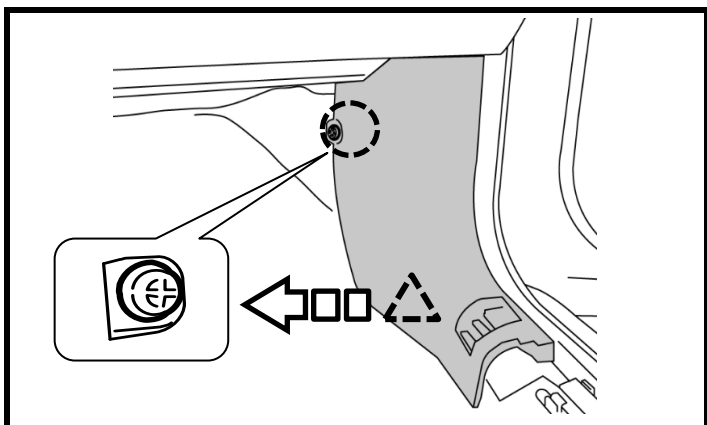


- 3.2) Remove RH trim
 a) Disengage lower trim clips by pulling toward interior of vehicle.
 b) Lift sill plate up and out as shown.

Trim Clip



- 3.3) Remove RH trim
 a) Pull up on front RH door sill weatherstrip along front bottom edge only.



- 3.4) Remove RH trim
 a) Locate RH lower kick trim.
 b) Remove trim fastener from lower kick trim by unscrewing with hand.
 c) Disengage lower kick trim pawl by pulling toward interior of vehicle as shown.

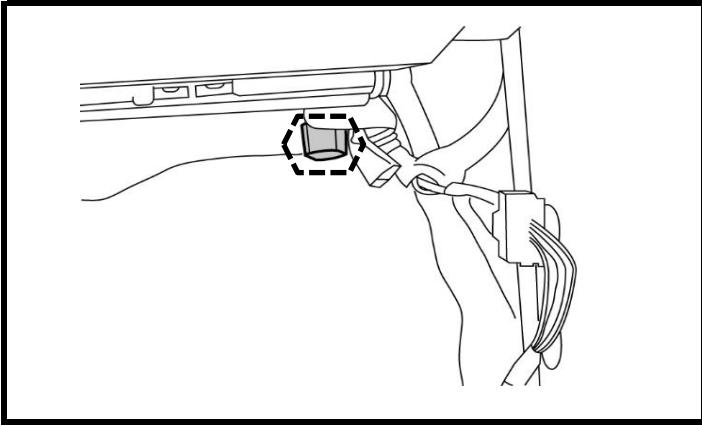
Trim Fastener



Pawl



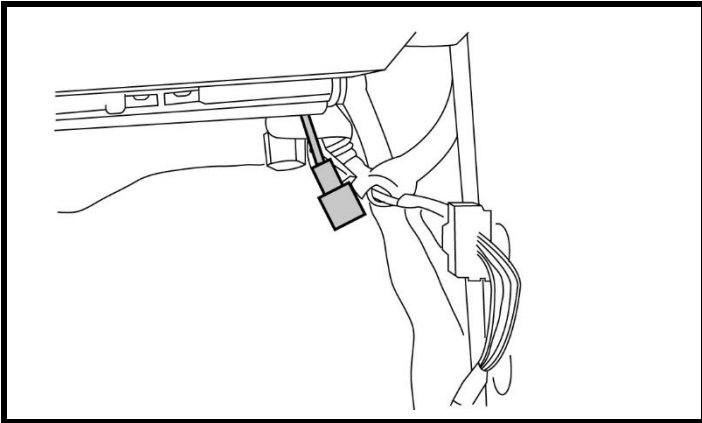
SECTION 3 - TRIM REMOVAL



3.5) Locate RH D-Opt connector

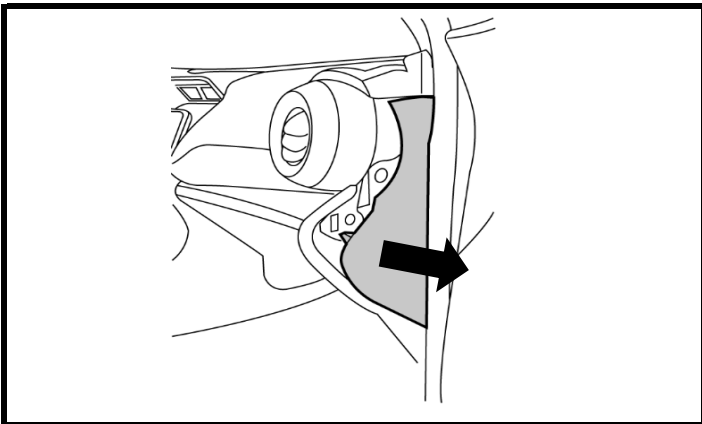
- a) Locate Dealer-Option connector taped to main harness bundle.
- b) Carefully tear or cut tape to free Dealer Option connector.

D-Opt Connector



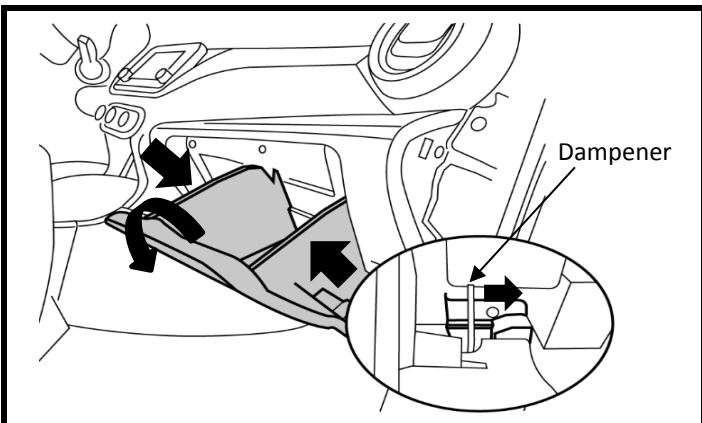
3.6) Locate RH D-Opt connector

- a) Unfold Dealer-Option connector and let hang as shown.



3.7) Removing Dash Mask

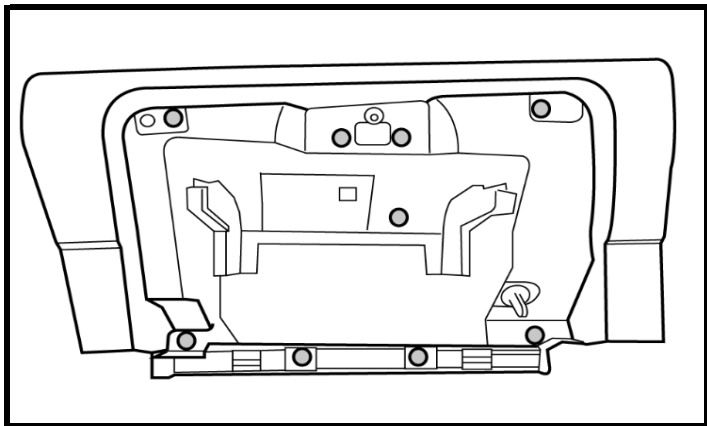
- a) Carefully pry off passenger side dash mask to easily fish the harness as shown using a nylon trim tool.



3.8) Remove Glove Box

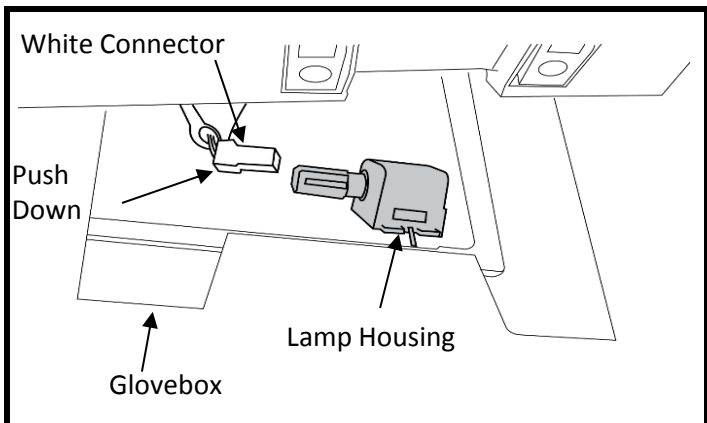
- a) Unhook Glove box dampener on the right side.
- b) Press front part of glove box on each side to unhook & then rotate complete glovebox downwards to disengage hooks at the bottom.

SECTION 3 - TRIM REMOVAL



3.9) Remove Glove Box

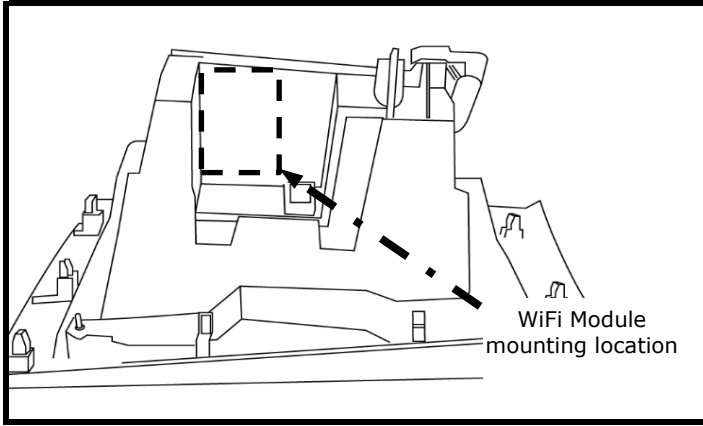
- a) Using Philips Screwdriver, unscrew 9 screws at the locations indicated (with gray circles).
- b) Pull Glovebox Assembly rearward to remove.



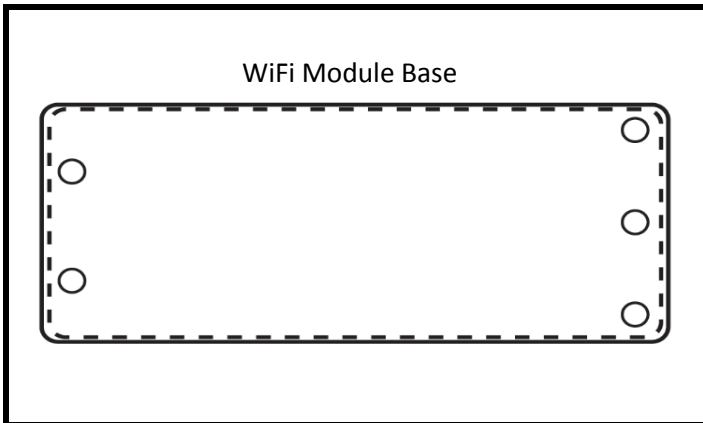
3.10) Remove Glove Box Lamp Housing

- a) Push down on the edges of white connector shown in the figure and pull outward to disconnect the lamp connector from the lamp housing.

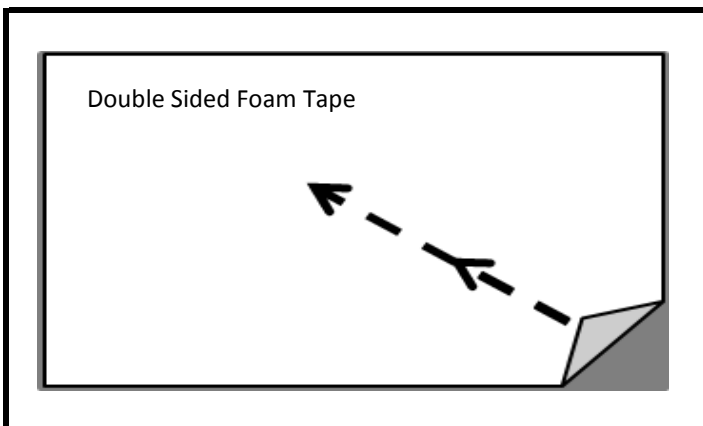
SECTION 4 - INSTALLATION PROCEDURE



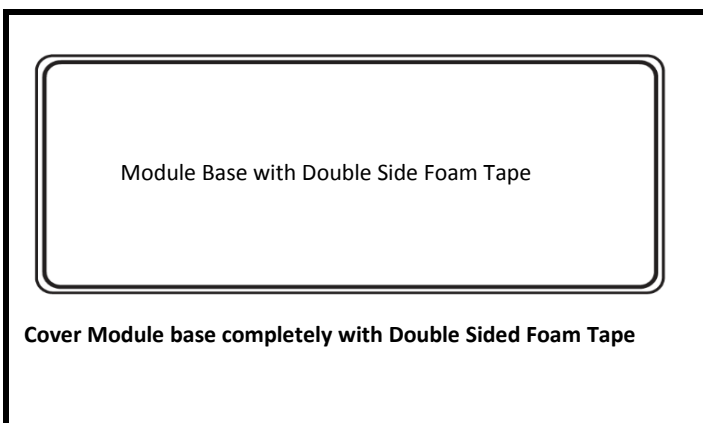
- 4.1) Prepping surface for mounting WiFi module
- a) WiFi mounting location is inside side dash mask area.
 - b) Clean top of glove box (within dotted rectangle) with an alcohol wipe.



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

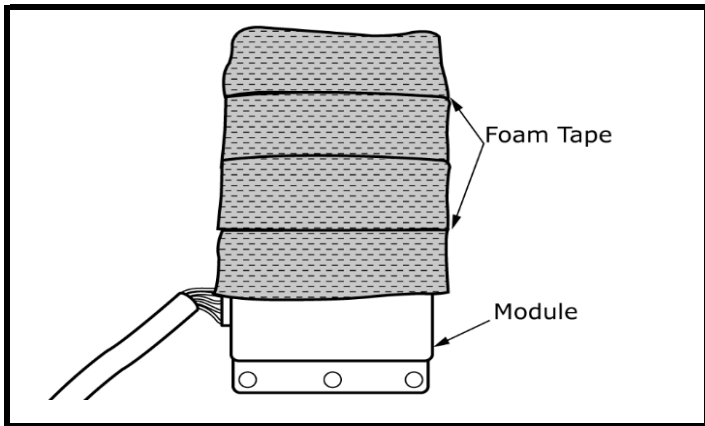


- 4.3) Module Installation
- a) Peel tape liner off Double Sided Foam Tape (H) as shown.



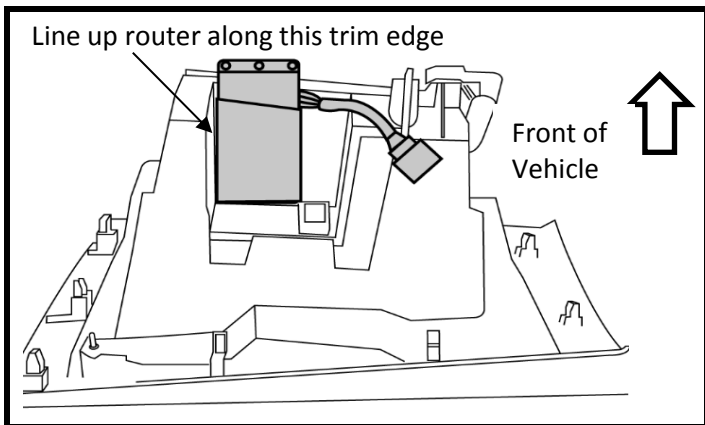
- 4.4) Module Installation
- a) Apply double sided tape (H) to base plate of WiFi module as shown.

SECTION 4 - INSTALLATION PROCEDURE



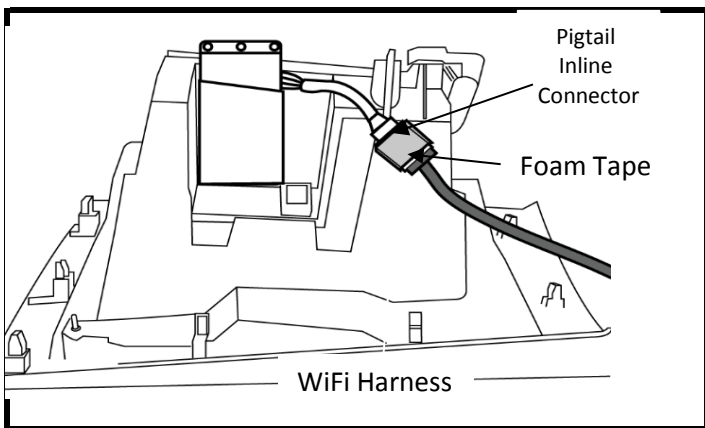
4.5) Module Installation

- a) Wrap module on top with foam tapes (1" x 3.5") as shown.



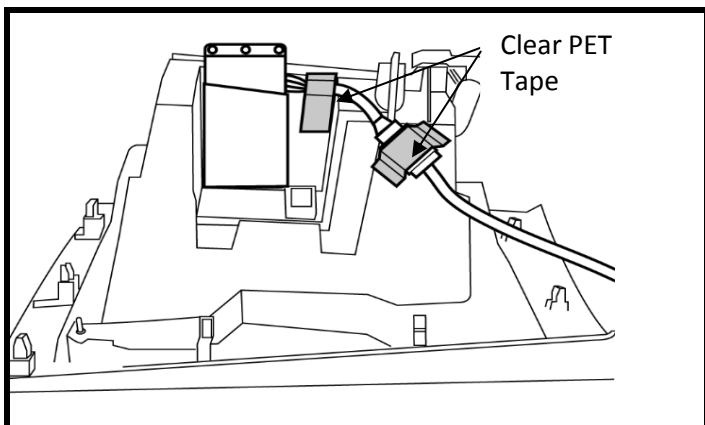
4.6) Module Installation

- a) Line up router flat with glove box edges as shown.



4.7) Module Installation

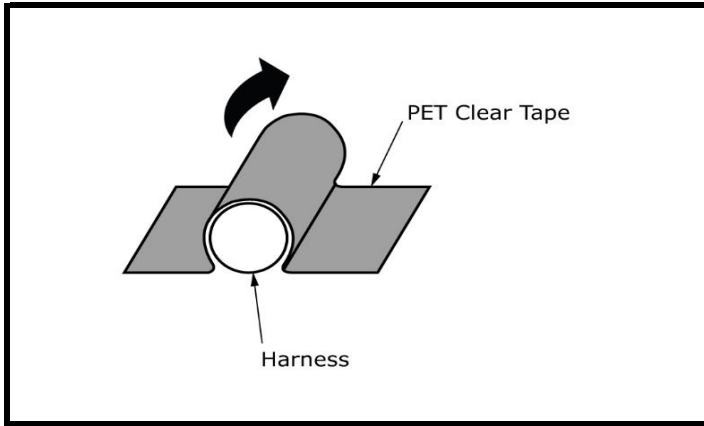
- a) Foam wrap pig tail male connector to prevent rattling. Plug pigtail connector into WiFi Harness Connector.



4.8) Module Installation

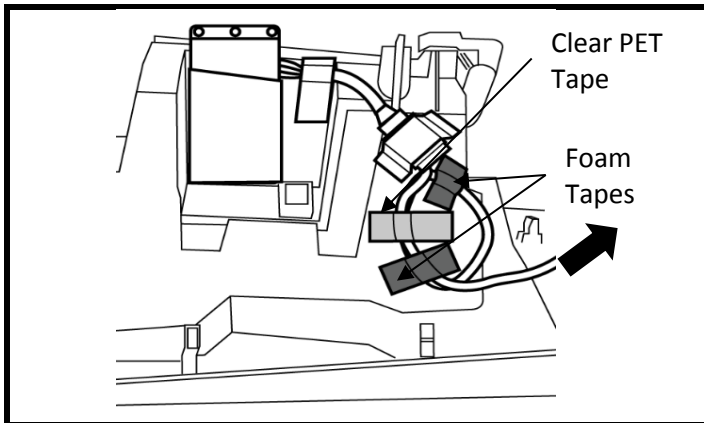
- a) Secure pigtail harness to glove box in 2 places using single sided clear PET tape, (4x1x0.01") (LxWxH inches) as shown.

SECTION 4 - INSTALLATION PROCEDURE



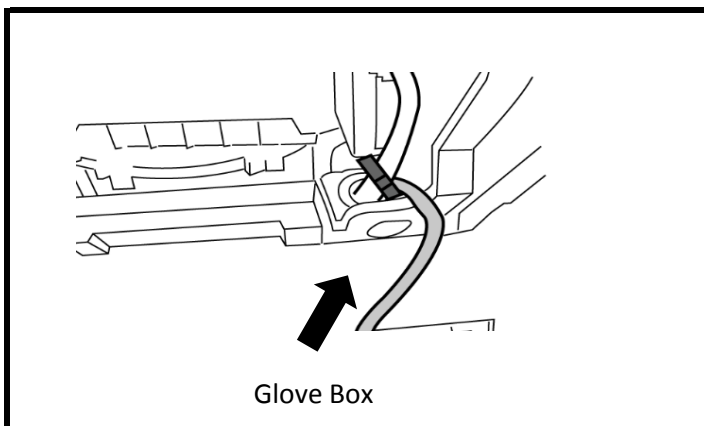
4.9) Module Installation

- a) Attach PET clear Tape (1" x 4") to Glove box so that Tape goes up and over harness, as shown.



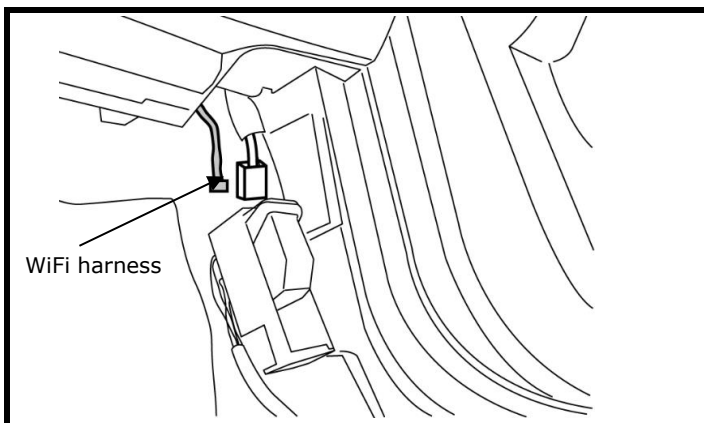
4.10) Routing harness

- a) Place one piece of Clear PET Tape and make service loop for future glove box removals, then place two pieces of Foam Tap to top of Glove Box, as shown.



4.11) Route WiFi harness to Passenger side D-Opt connector.

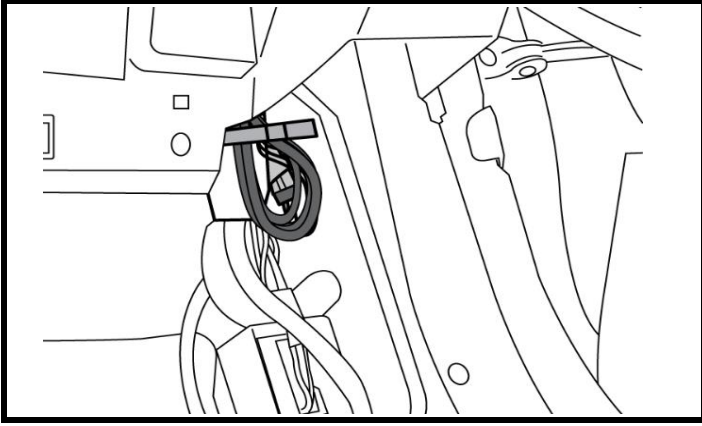
- a) Follow the dark arrow (from illustration corresponding to Step 4.10) to route WiFi harness along the glove box to lower kick trim area as shown in corresponding illustration. Wire tie to vehicle Wire Harness. Use additional Wire ties, if required.



4.12) Routing harness

- a) Connect Wire Harness to WiFi Harness. Route Harness down inside opening in side mask area to RH D-OPT Connector.
- b) If no ASC is installed, request one and install per instructions. If ASC is installed, Positap as per instructions on Appendix A & Section 5. Wire tie & Foam wrap positap bundle, if required.

SECTION 4 - INSTALLATION PROCEDURE



4.13) Routing harness

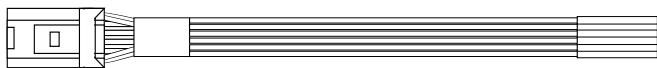
- a) Place Pass D-OPT connector in original position prior to cutting cable tie. Cable tie positaps and extra harness to vehicle wire harness with 3 cable ties.
- b) Reinstall & perform the function check as suggested in Section 6 and Final Inspection as suggested in Section 7.



CAUTION

The Accessory Service Connector (AAA) is for use only with Genuine Nissan or Nissan-Approved accessories. Nissan/Infiniti is not liable for loss or damage due to improper installation or installation of non-Genuine or non-Approved accessories.

Accessory Service Connector



AAA

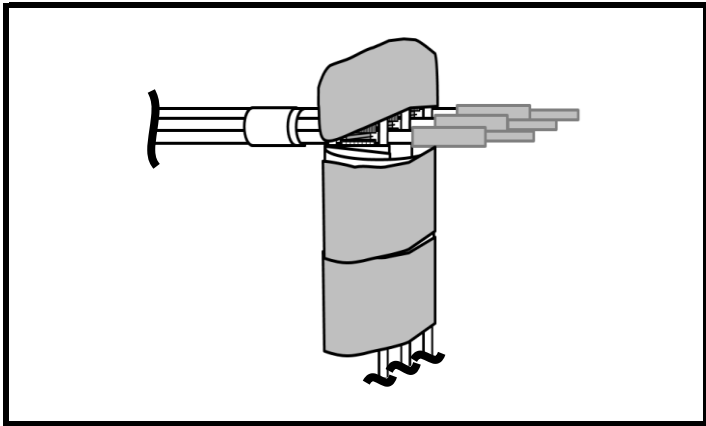
- 5.1) Connect ASC (AAA) to WiFi Module
- a) For detailed directions, see Appendix A - Posi-Tap Procedure.
 - b) Additional circuit information is in Appendix B - Mechanization Drawing.

- 5.2) Connect ASC (AAA) to WiFi Module
- a) Using a Posi-Tap, connect the RED wire from WiFi TCU Module Harness to "BAT" (RED wire) of the ASC (AAA) as shown.
 - b) Using a Posi-Tap, connect the WHITE wire from WiFi TCU Module Harness to "ACC" (ORANGE wire) of the ASC (AAA) as shown.
 - c) Using a Posi-Tap, connect the BLACK wire from WiFi TCU Module Harness to "GND" (BLACK wire) of the ASC (AAA) as shown.

Posi Tap (F)

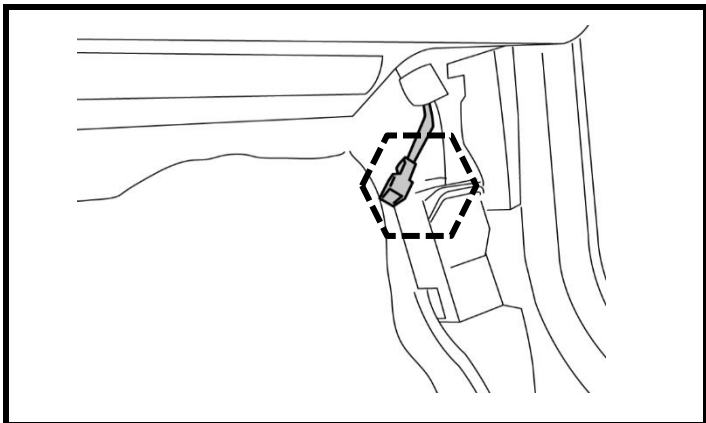


SECTION 5 - ASC CONNECTION



5.3) Connect ASC (AAA) to WiFi Module

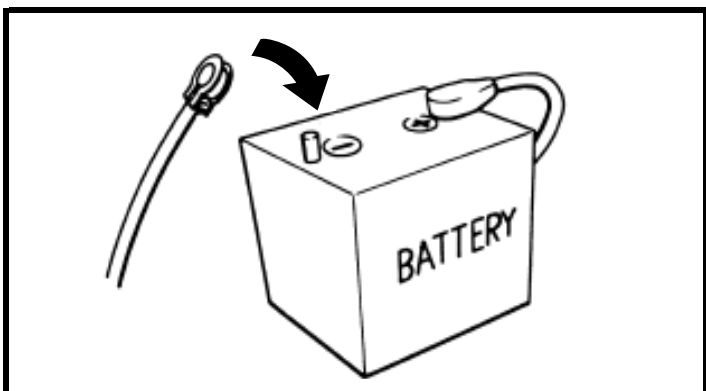
- a) Once the ASC is prepared as described in Appendix A, the Power Harness with ASC attached should look like this.



5.4) Connect ASC (AAA) to WiFi Module

- a) Plug RH ASC into RH D-Opt connector.

D-Opt Connector



5.5) Electrical function check

- a) Re-connect negative battery cable.
- b) Confirm WiFi Module powers up by verifying the connectivity as per Section 7.

5.6) Electrical function check

- a) If NG, check fusing, harness routing, connections, and WiFi Module to identify root cause.



CAUTION

When diagnosing electrical system problems, first disconnect the accessory connectors and note effect on vehicle system. Continue the investigation with the accessory connectors disconnected. Reconnect when the investigation is complete.

SECTION 6 - FINAL TRIM INSTALLATION & FUNCTION CHECK

6.1) Reinstall trim panels

- a) Reinstall RH lower kick trim & RH Instrument Lower covers.
- b) Reinstall RH sill plate, Glove Box Cover & Glove box.
- c) Reinstall Passenger side dash mask carefully.
- d) Reinstall all the trim pieces removed in Section 3. Make sure to re-connect lamp & connector harnesses (if any) before reinstalling trim pieces.



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 should be replaced with new parts.

Complete checklist:

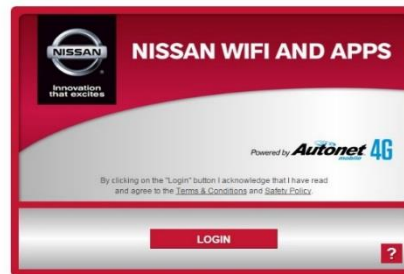
- ☐ Tighten battery terminal nut to 5 N-m.
- ☐ Verify re-installed trim parts for proper fit (no gap, waviness, etc.), particularly the door sill weather strip.
- ☐ Verify all windows and sunroof (if equipped), one touch operation and perform the reset procedure if necessary. Refer to the vehicle Service Manual for more details.
- ☐ Re-program radio presets and other vehicle settings to the recorded settings if necessary.
- ☐ If this vehicle will be returned to a dealer lot or showroom for an extended period of time, be sure the Extended Storage Switch is placed in the Transit position. See step 2.2 .
- ☐ Remove all tools, templates, and other debris from interior of vehicle.
- ☐ Verify vehicle headliner, seat, steering wheel, center console, carpet, etc. are not soiled.
- ☐ Verify interior and exterior are not damaged.



CAUTION

• Refer to the vehicle service manual for more information.

- ☐ Verify interior and exterior is not damaged.
- ☐ Turn ignition switch to the "ON" position to confirm proper operation of vehicle systems.
 - ☐ Verify 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.
 - ☐ Tail Lamp - Turn on headlamps; open glove box and note whether light goes on.
 - ☐ Confirm proper audio function (AM, FM, SAT, CD and AUX).
 - ☐ Re-program radio presets and other vehicle settings to the recorded settings if necessary.
 - ☐ 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. Autonet, 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 © 2009 - 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 or the Establishing Link still appears on the display, access the following troubleshooting link:

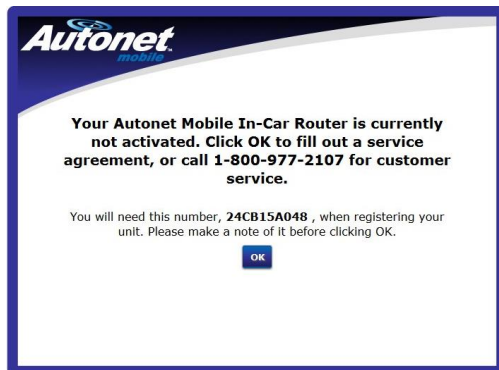
https://autonetmobile.com/nissan/AutonetTroubleshootingSteps_v1.0.1_08012017.pdf



CAUTION

- Refer to the vehicle service manual for more information.

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

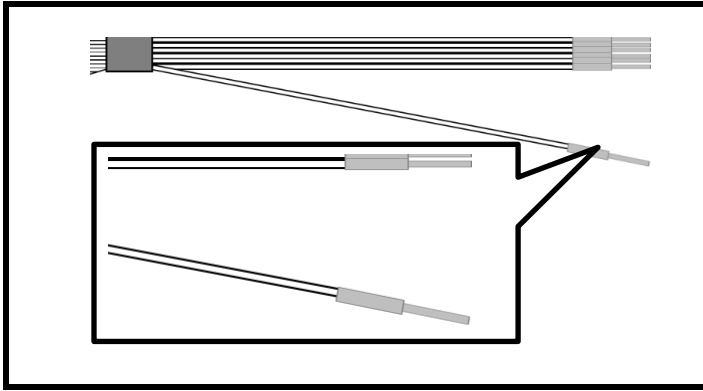


The test verifies data communication via network/telecommunication as indicated by prompting the user to fill out a service agreement.

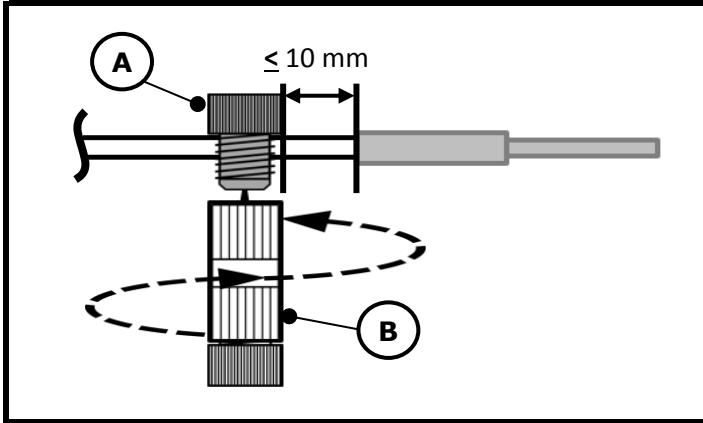
If the service agreement does not pop up this indicates that the Telecommunications (WiFi/network) failed. Contact Autonet Mobile at 1-800-977-2107

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

APPENDIX A - POSI-TAP PROCEDURE



- A.1) Installing Posi-Tap™ on Accessory Service Connector (AAA)
- Identify and confirm ASC wire to be tapped. Check color as well as connector location.
 - Separate wire from rest of bundle.

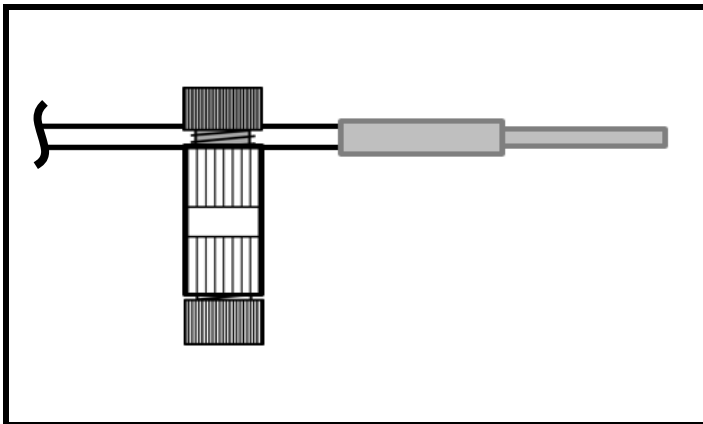


- A.2) Installing Posi-Tap™ on ASC (AAA)
- Remove pierce cap (A) gray side from tap body (B).
 - Slide cap around single wire to be tapped.
 - Position cap ≤ 10 mm away from heat shrink end of connector.
 - Turn tap (B) clockwise until finger "tight". Then secure to cap (A) with another $\frac{1}{4}$ turn.



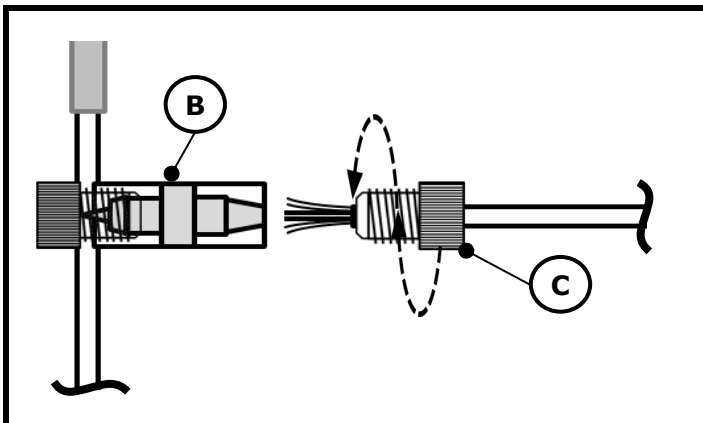
CAUTION

Do not overtighten Posi-Tap, it may damage wire



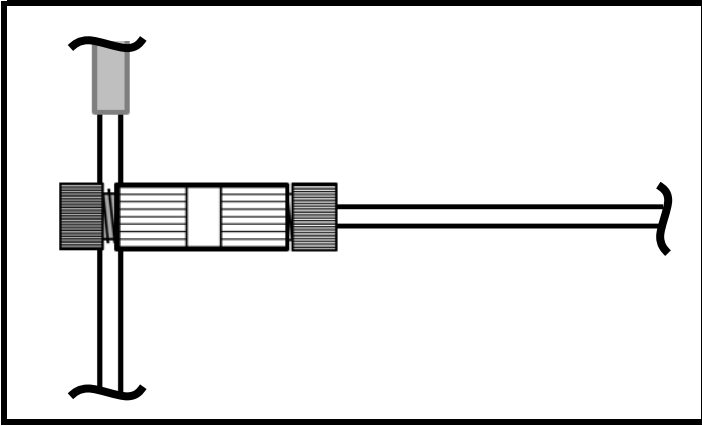
- A.3) Installing Posi-Tap™ on ASC (AAA)

- Inspect Posi-Tap™ to ensure correct installation.
- Wire jacket should be crushed enough to maintain pressure.
- Confirm tap cap gap is straight and evenly spaced around perimeter.



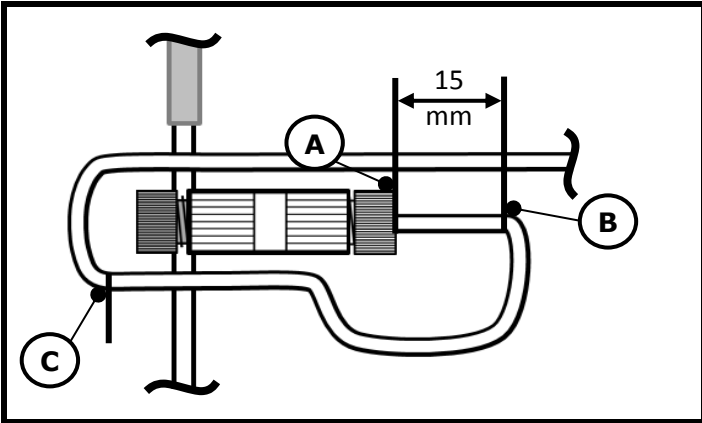
- A.4) Installing Accessory wire into Posi-Tap™
- Remove tap bottom (C) red side from tap body (B).
 - Remove the pre cut insulation from correct Accessory wire.
 - Insert wire through tap bottom (C) opening.
 - Fan out individual wire strands as shown.
 - Insert wire into tap body until it bottoms out.
 - Turn tap bottom (C) clockwise until finger "tight". Then secure to tap body (B) with another $\frac{1}{4}$ turn.

APPENDIX A - POSI-TAP PROCEDURE



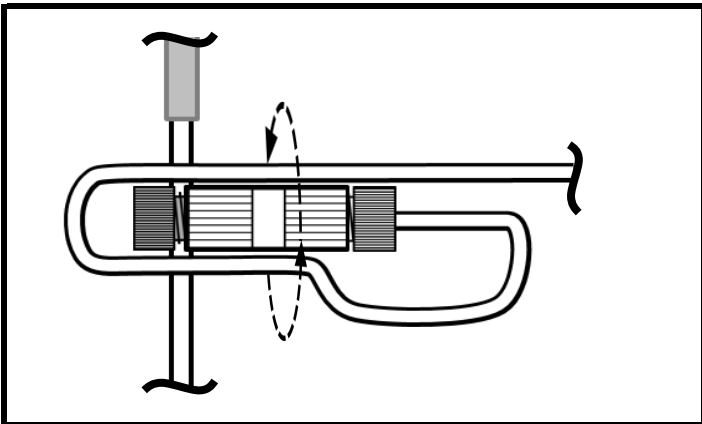
A.5) Installing accessory wire into Posi-Tap™

- a) Confirm tap bottom gap is straight and evenly spaced around perimeter.
- b) Gently pull on wire to confirm secure connection.



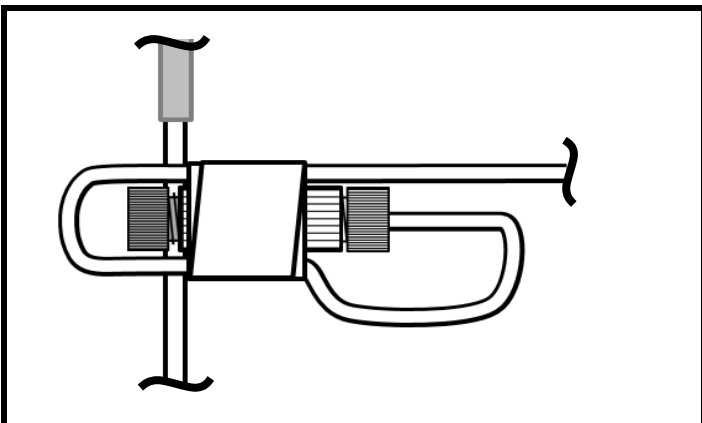
A.6) Accessory wire strain relief

- a) Measure ≥ 15 mm from point (A).
- b) Gently form a loop at point (B) and bend back up towards Posi-Tap™ (bend radius ≥ 10 mm).
- c) Gently form a loop at point (C) and bend back over top of Posi-Tap™ and down opposite side (bend radius ≥ 10 mm).



A.7) Accessory wire strain relief

- a) Secure accessory wire strain relief to tap body with electrical tape (≥ 2 revolutions).



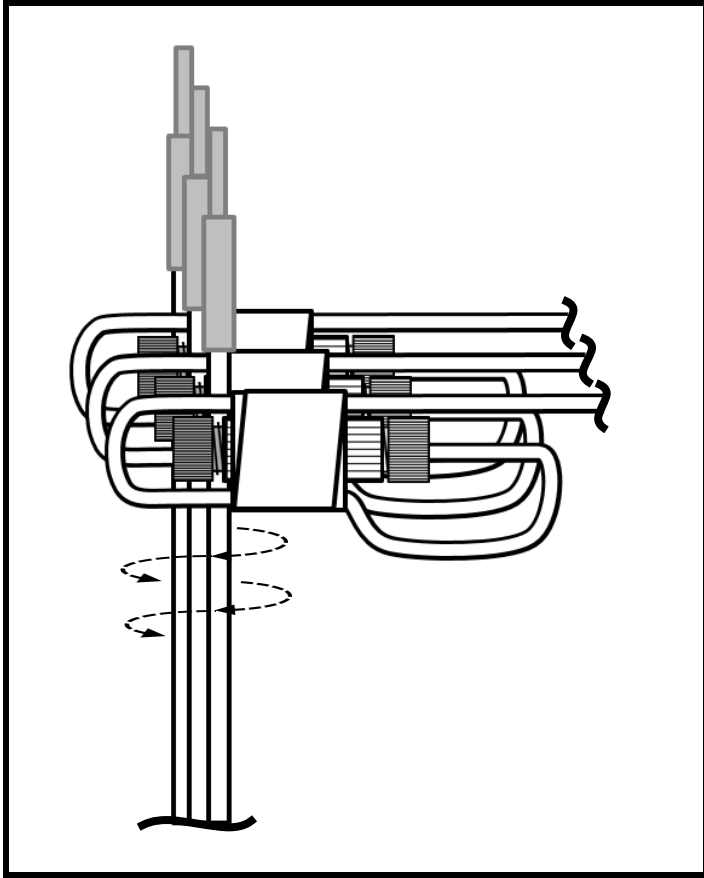
A.8) Accessory wire strain relief

- a) Once accessory wire strain relief is taped to tap body, it should look as shown.

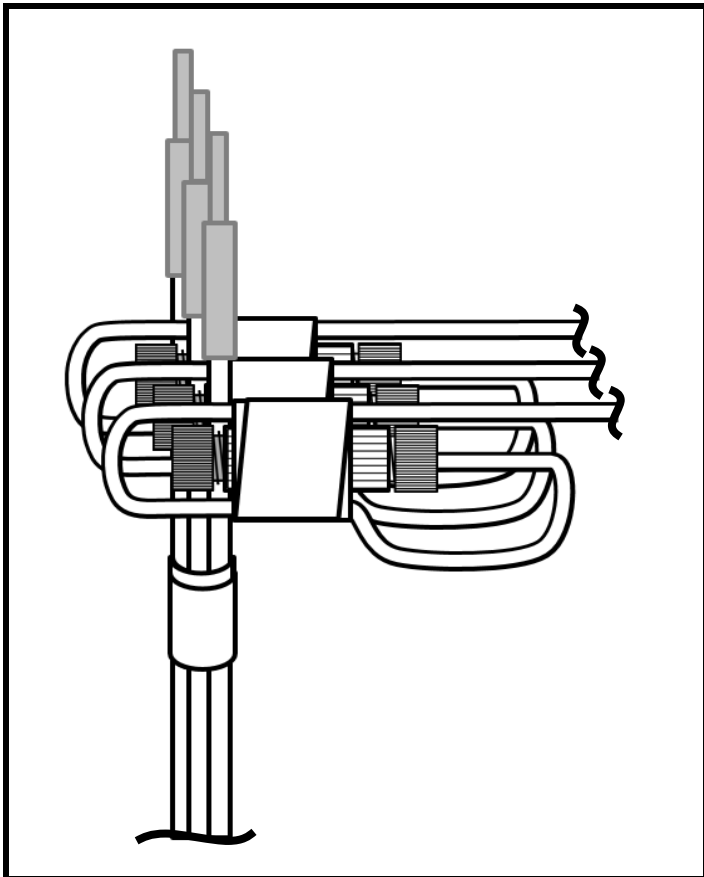
A.9) Installing Posi-Tap™ on ASC (AAA)

- a) Repeat steps A.1 - A.8 for all other wires requiring a Posi-Tap™.

APPENDIX A - POSI-TAP PROCEDURE

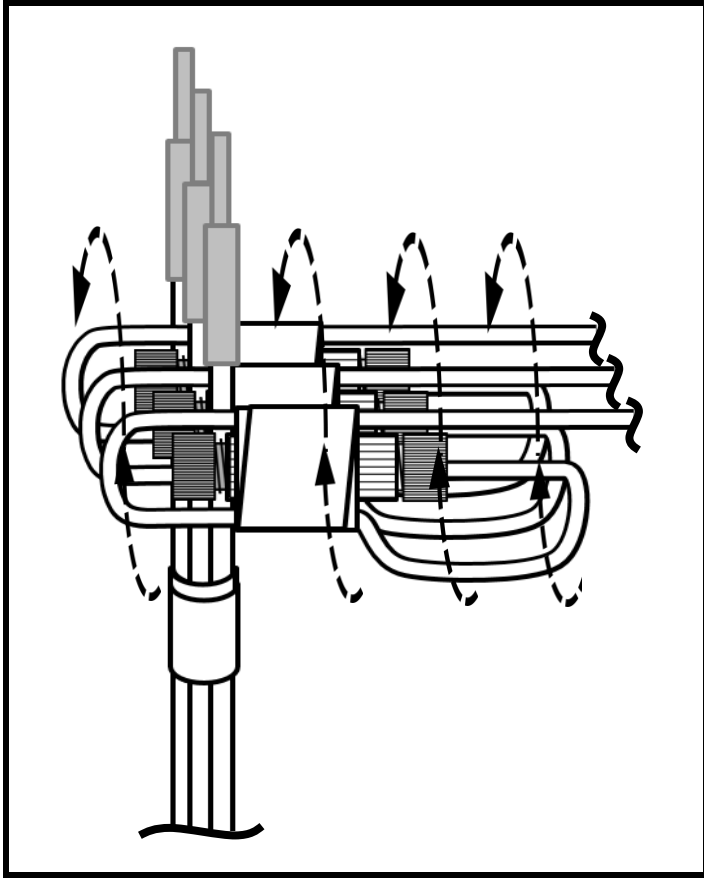


- A.10) Securing multiple Posi-Taps™ together
- a) Stack Posi-Taps™ in slightly staggered fashion as shown.
 - b) Secure tapped circuits together with electrical tape (≥ 2 revolutions).

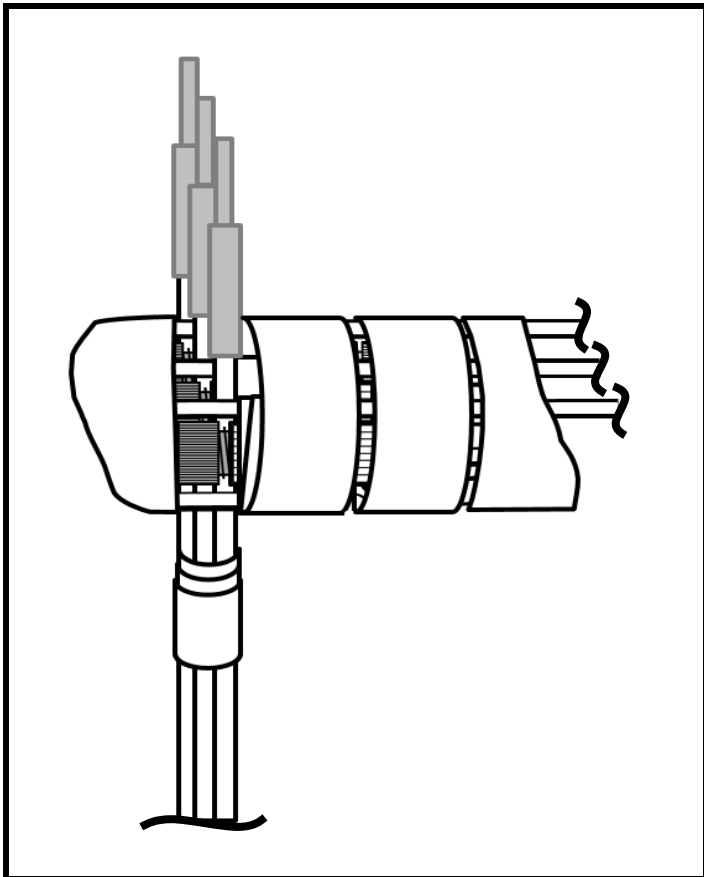


- A.11) Securing multiple Posi-Taps™ together
- a) Once tapped circuits are secured together with electrical tape they should look as shown.

APPENDIX A - POSI-TAP PROCEDURE

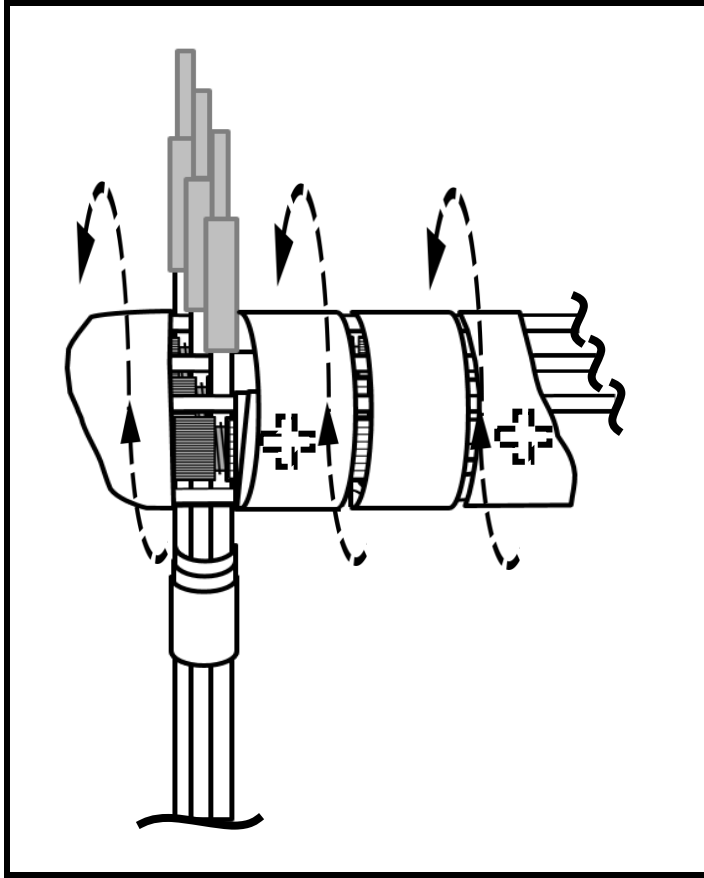


- A.12) Securing multiple Posi-Taps™ together
a) Secure Posi-Taps™ together with electrical tape (≥ 4 revolutions).



- A.13) Securing multiple Posi-Taps™ together
a) Once Posi-Taps™ are secured together with electrical tape they should look as shown.

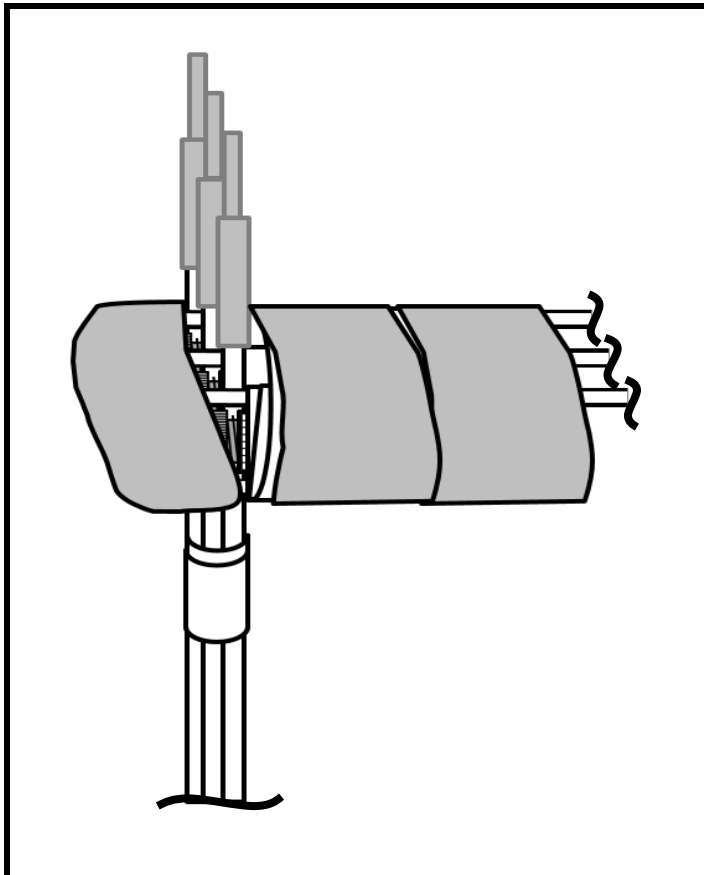
APPENDIX A - POSI-TAP PROCEDURE



A.14) Securing multiple Posi-Taps™ together

- a) To prevent any possible noise or rattle issues, use two pieces of Foam Tape, to wrap pre-taped Posi-Taps™.

Foam Tape

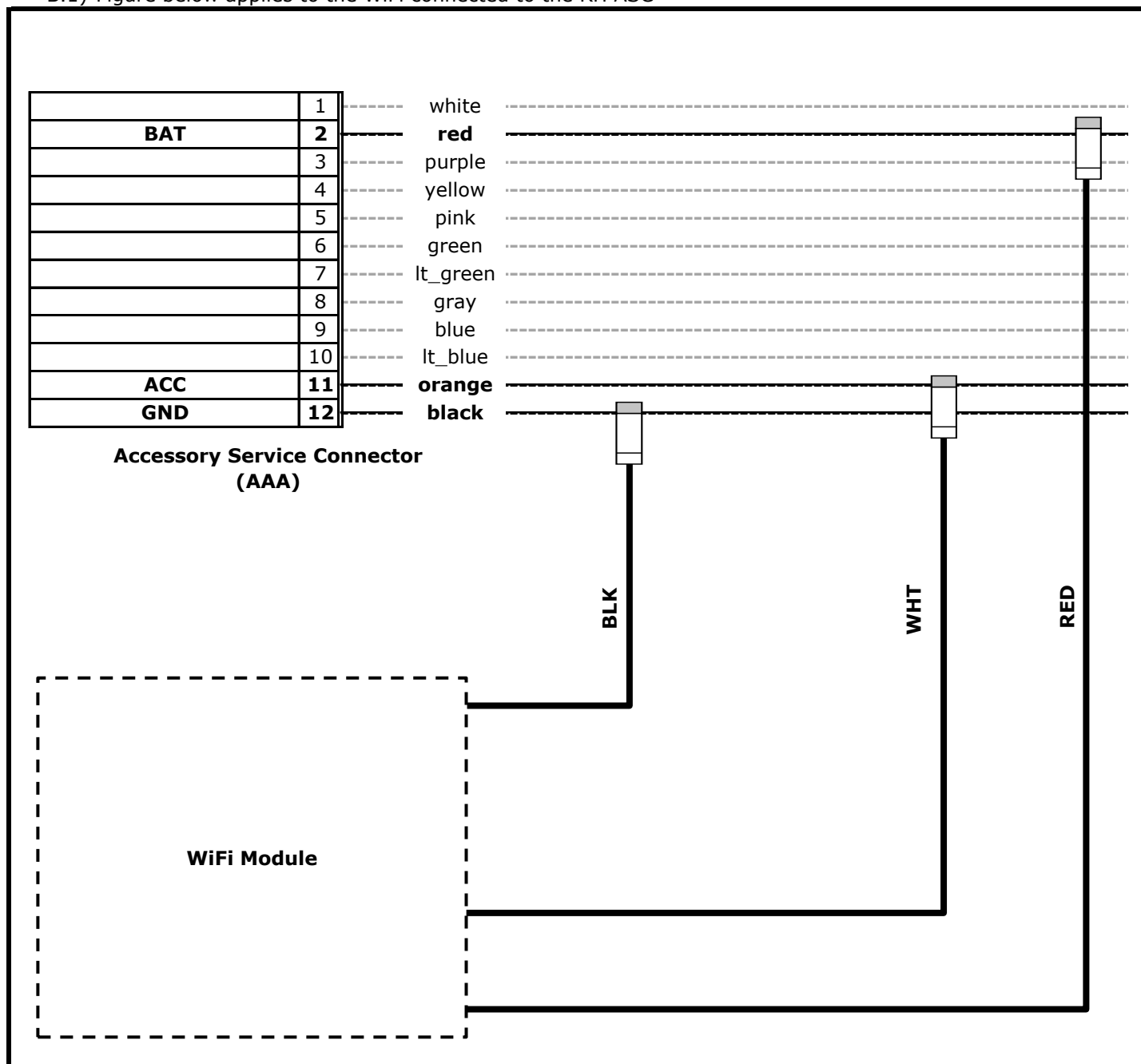


A.15) Securing multiple Posi-Taps™ together

- a) Once wrapped with Foam Tape, taped Posi-Tap™ bundle should look as shown.

APPENDIX B - MECHANIZATION DRAWING

B.1) Figure below applies to the WiFi connected to the RH ASC



CONNECTOR PN#	T99F6 4RA0A	LEGEND	
CONNECTOR NAME	ACCESSORY SERVICE CONNECTOR	<div data-bbox="852 1577 971 1604">POSI-TAP</div> <div data-bbox="889 1619 938 1772"> </div> <div data-bbox="1029 1629 1468 1661">GRAY - CIRCUIT TAP (PIERCE) SIDE</div> <div data-bbox="1029 1734 1446 1766">RED - ACCESSORY (INSERT) SIDE</div>	
CONNECTOR COLOR	WHITE		
<div data-bbox="110 1619 245 1751"> </div> <div data-bbox="326 1675 662 1850"> </div>		Note: Pin location is referenced looking into harness side of connector with lock tab oriented as shown.	