



GENUINE PARTS

INSTALLATION INSTRUCTIONS

DESCRIPTION: Interior Accent Lighting Kit

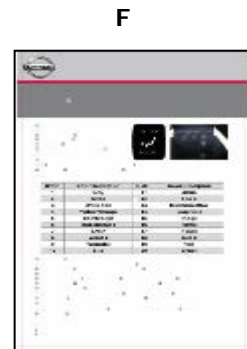
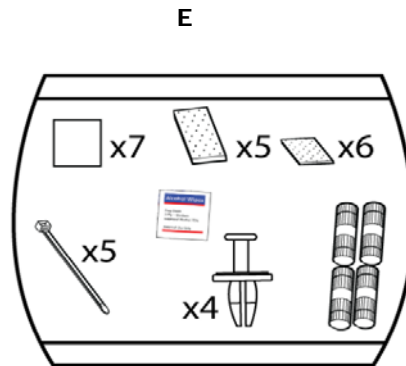
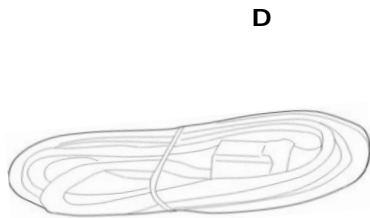
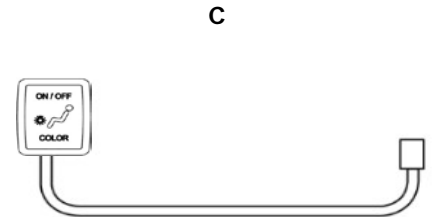
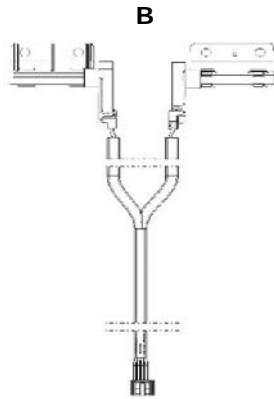
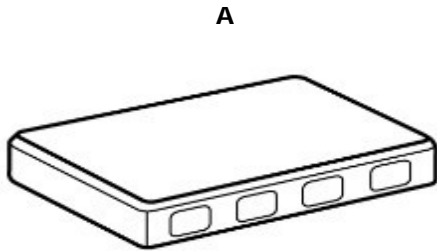
APPLICATION: Kicks

PART NUMBER(S) T99F3 5RL0B

REQUIRED FOR

INSTALLATION: T99F6 4RA0A , Accessory Service Connector - not included in kit above

KIT CONTENTS:



STOP Important: Read Before Installation!

WARNING

To avoid serious personal injury or property damage, obtain the Installation Instructions before attempting to install this accessory. The Installation Instructions provide the necessary proceed, read for a safe installation.

CUSTOMER INTERNET DOWNLOAD INSTRUCTIONS: Customer can obtain installation instructions for this kit at Nissan website at www.nissanusa.com. The info.com website. From the home page, select necessary. Select your Model, Make, Year, and Accessory Type or start from your Model, and a Model Year, and by downloading type included, location of Part Number, then locate the item under for your kit items.

DEALER ASSIST DOWNLOAD INSTRUCTIONS: Dealership technicians can locate the Installation Instructions for this accessory by scrolling to and select this Installation Instructions. Always consult with the latest version of the Installation Instructions.

www.nissanusa.com/usa/vehicles/vehicles.htm ©2012 Nissan North America, Inc.

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) T99F3 5RLOB

REQUIRED FOR

INSTALLATION: T99F6 4RAOA , Accessory Service Connector - not included in kit above

KIT CONTENTS:

Item	Qty.	Part Description	Service Part Number
A	1	Control Module	Not Serviceable- Part of Kit T99F3 5RLOB
B	1	Front Footwall Lights (w/ Harness) DS/AS	
C	1	2-Button Color Selection Switch (w/ Harness)	
D	1	Power Harness	
E	1	Hardware Kit	
	5	• Foam Tape, 60X90MM Polyurethane	
	6	• Foam Tape, 60X45MM Polyurethane	
	5	• Wire tie, 8 in. Nylon 6, 6, Blk (203 X 4.75 X 1.27 MM)	
	7	• 3M Beta Tape/ Carpet Tape, 48 X 89MM	
	1	• Alcohol Wipe	
	4	• Posi Taps	
	4	• Push Pin Clip 5.2mm dia, Nylon 6/6	
F	1	Customer Quick Reference Guide	
G	1	Installation Instructions Template Website Address	999V2 AW000

TOOLS REQUIRED:

- (Awl) Center Hole Punch
- Side Cut Pliers
- 90 Degree Small Drill
- Screwdriver, Torx T-20
- Drill Bit Stop
- Work Light
- Masking Tape
- 1/4" Torque Wrench
- Deburring Tool
- Electrical Tape
- Trim Removal Tool, Nylon
- 1/8" , 3/8", 3/16" & 5/16" drill bits
- 1/8" & 3/8" #4 Step Drill

INSTALLATION CAUTIONS:

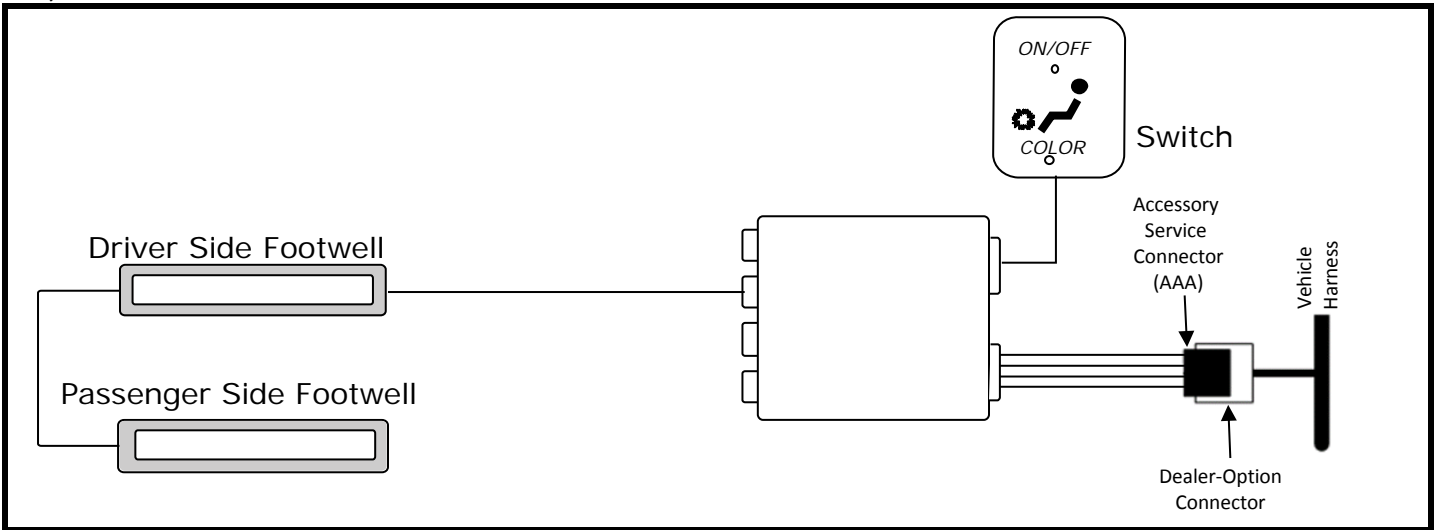


CAUTION

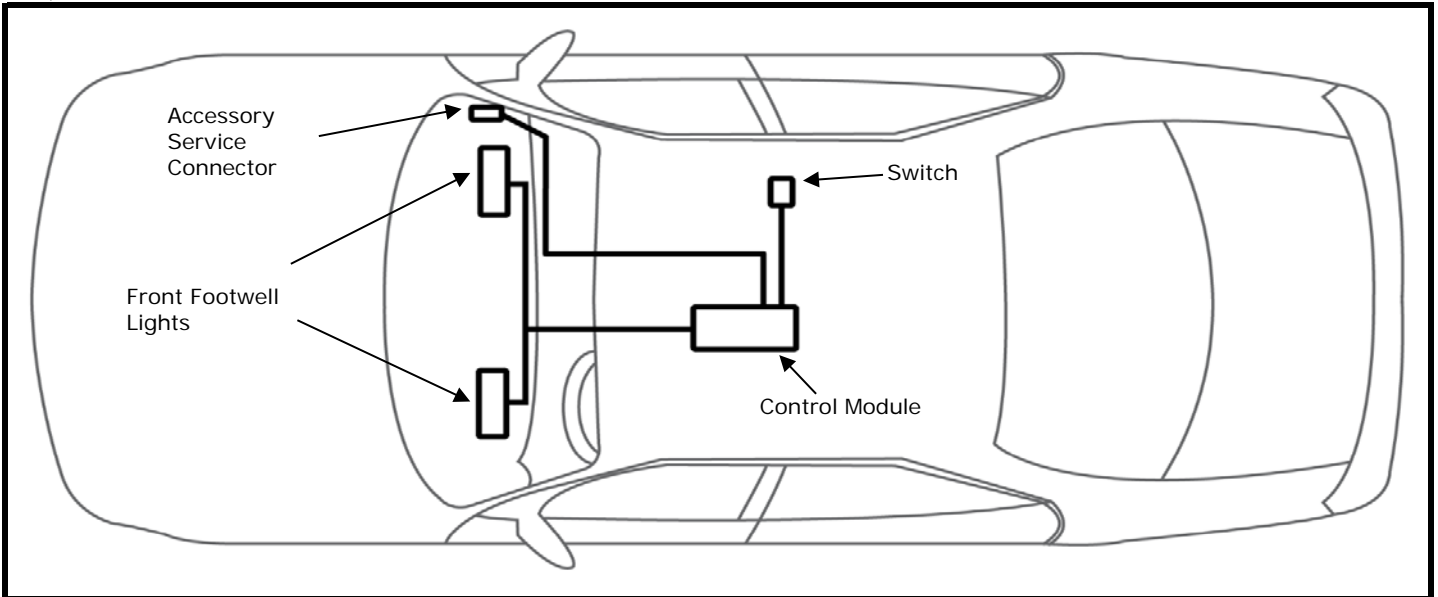
- Dealer installation recommended. Instructions may refer to Service Manual.
- Please read this instruction carefully before installing this product for correct installation.
- Please **DO NOT** use or install the part in ways other than what is described.
- Always use floor, seat and steering wheel 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

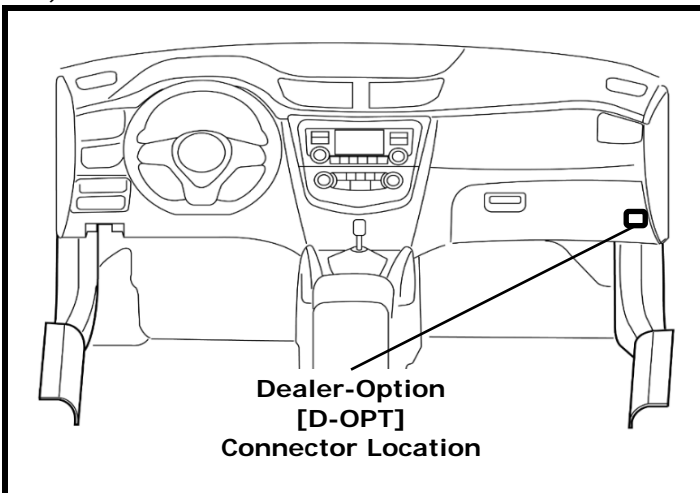
1.1) SYSTEM



1.2) VEHICLE



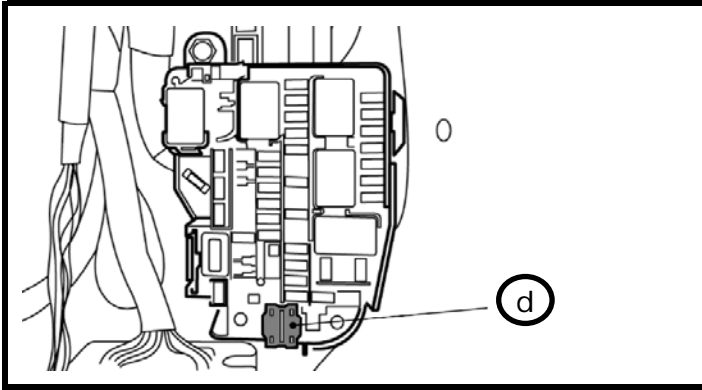
1.3) D-OPT CONNECTOR LOCATION



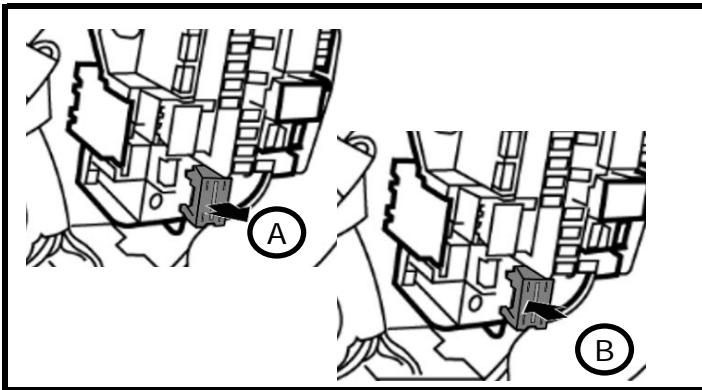


CAUTION

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



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

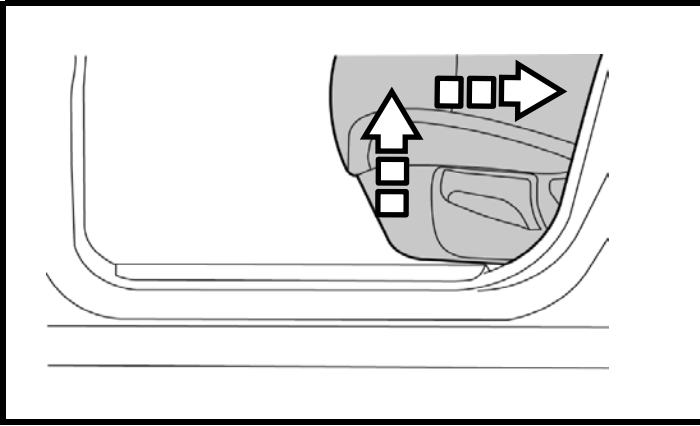
Condition	Switch Position	Note
Vehicle is delivered to the dealer	Transit (OUT)	
Vehicle is being stored at the dealer	Transit (OUT)	
Vehicle is delivered to customer	Customer (IN)	

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

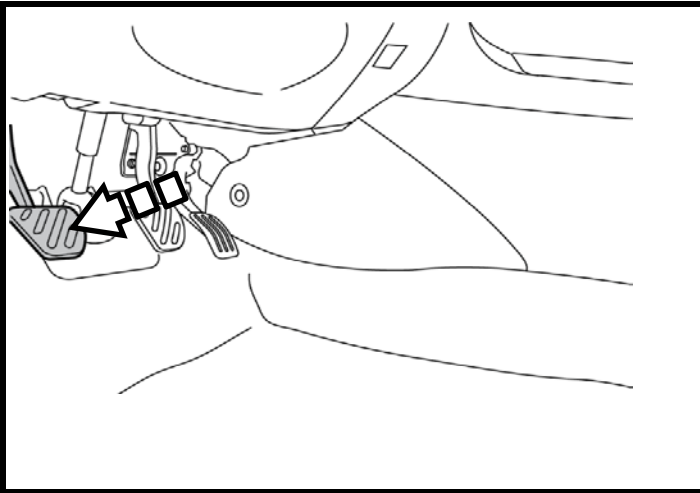
Preset	1	2	3	4	5	6	7	8	9	10

- c) Place ignition in "OFF" mode.

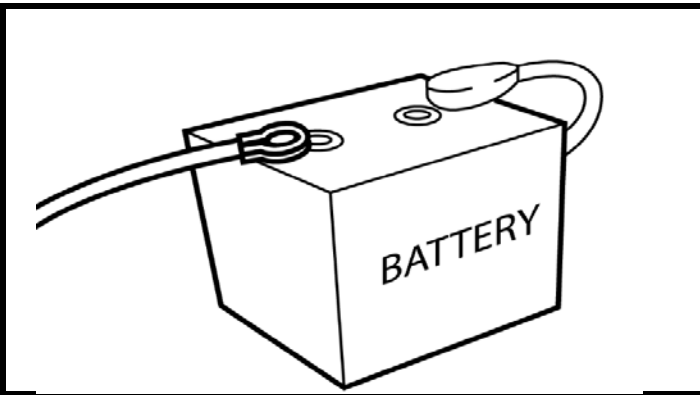
SECTION 2 - VEHICLE PREPARATION



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



- 2.5) Apply Park Brake
- a) Before removing the LH trim, please apply the park brake for easy access to the trim.

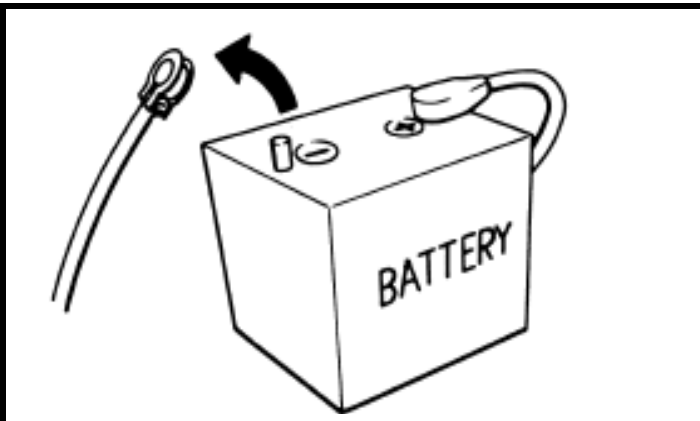


- 2.6) Disconnect battery terminal
- a) Locate negative battery terminal.
 - b) Loosen nut with 10mm socket.

Battery Terminal Nut

⚠ CAUTION

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

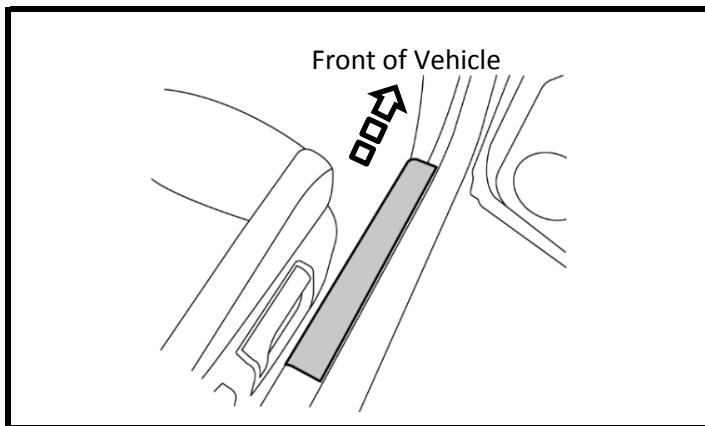


- 2.7) Disconnect battery terminal
- a) Lift negative battery terminal off stud.
 - b) Isolate negative battery terminal.

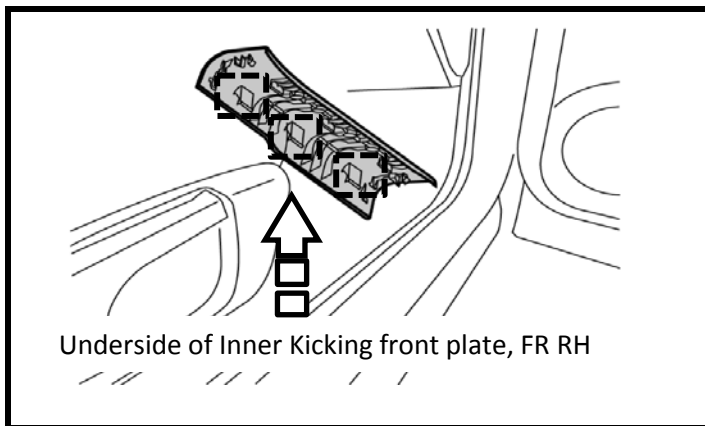
⚠ CAUTION

- 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.

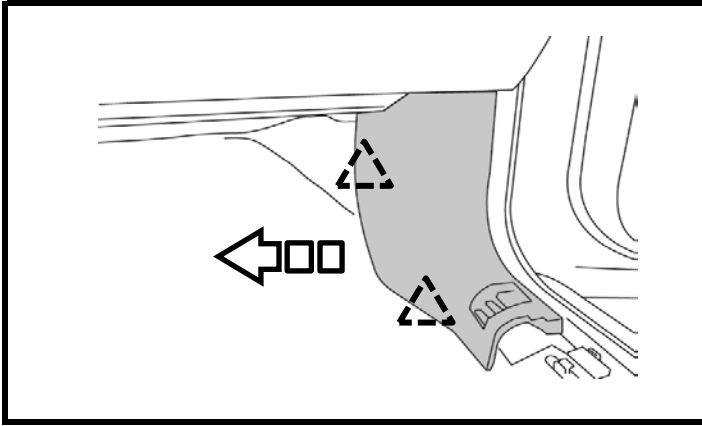


- 3.2) Remove Inner Kicking Front Plate, FR RH
 - a) Disengage lower trim clips by pulling toward interior.
 - b) Lift sill plate up and out as shown.

Trim Clip



SECTION 3 - TRIM REMOVAL

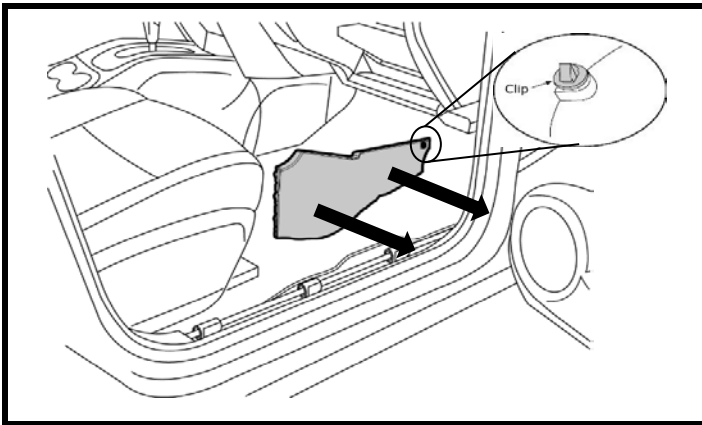


- 3.3) Remove RH Dash side finisher
 - a) Locate RH Dash side lower finisher as shown.
 - b) Disengage lower kick trim pawl by pulling toward interior of vehicle as shown.

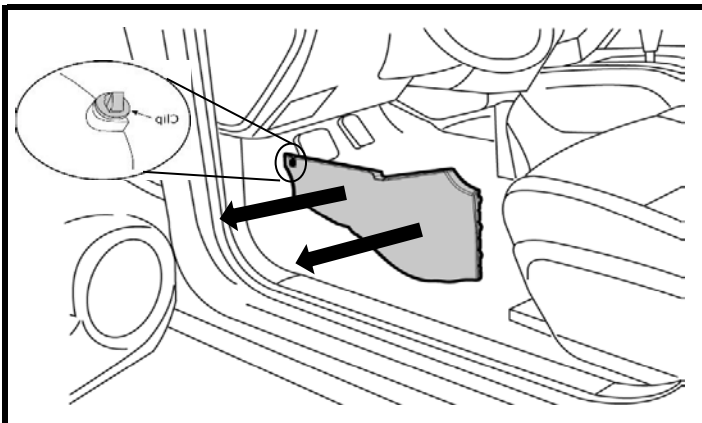
Pawl



- 3.4) Remove LH trim
 - a) Repeat steps 3.1 through 3.4 for LH (Driver) side.



- 3.5) Remove RH Instrument Lower Cover
 - a) Carefully pry out Instrument Lower Cover, RH from passenger side of center stack by hand as shown.

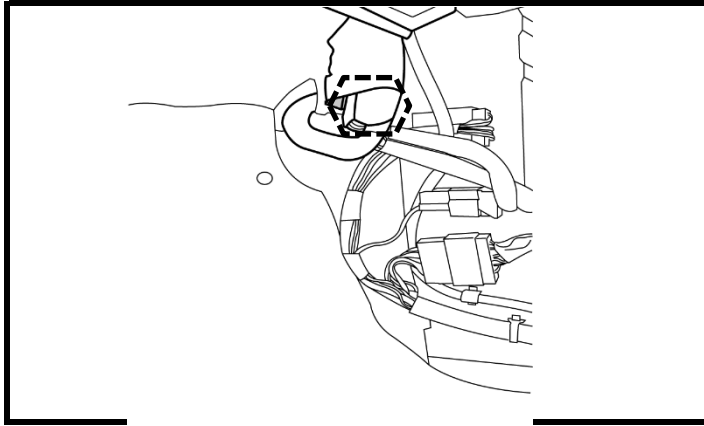


- 3.6) Remove LH Instrument Lower Cover
 - a) Carefully pry out Instrument Lower Cover, LH from driver side of center stack by hand, in direction shown.

NOTE:

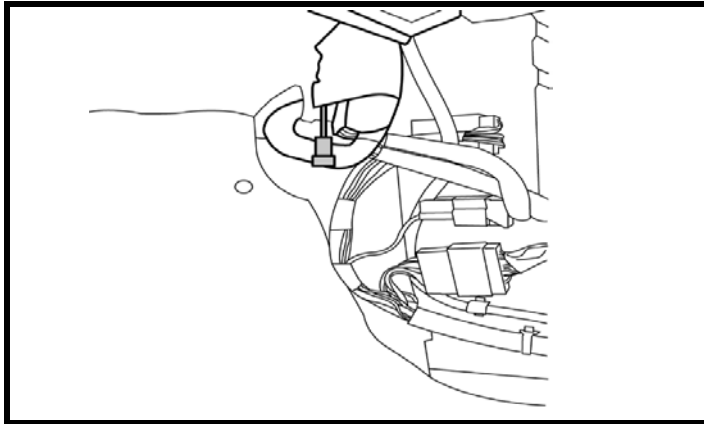
Be careful not to damage any clips during removal of RH & LH panels/covers. Be sure the front retainer clip stays with the panel during removal. If clip does not come off with the panel, then remove with a pry tool and re-insert into panel.

SECTION 3 - TRIM REMOVAL



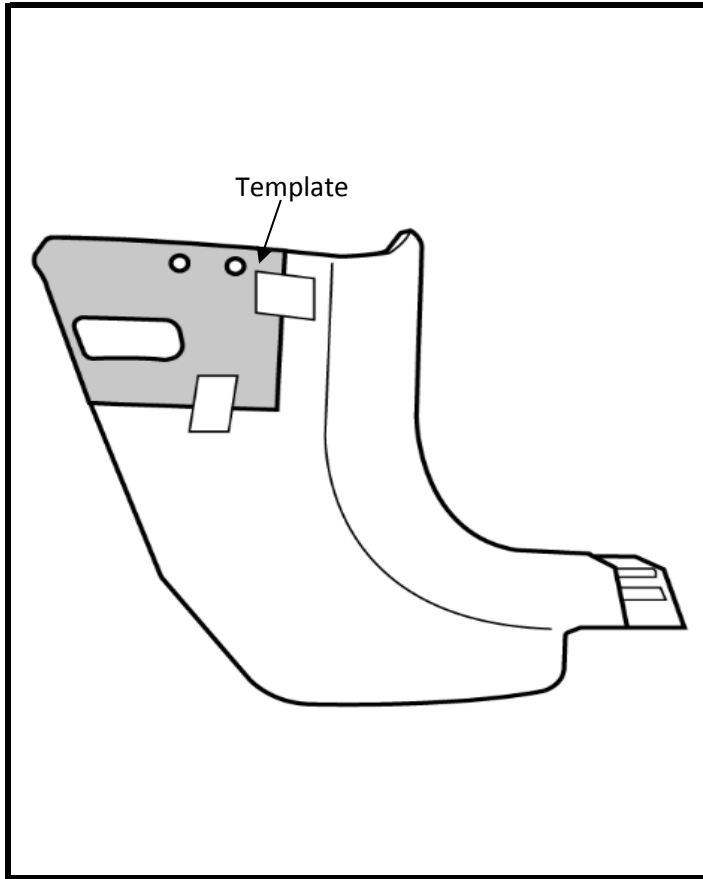
- 3.7) Locate RH D-Opt connector
- a) Locate D-Opt connector taped to main harness bundle.
 - b) Carefully tear or cut tape to free D-Opt connector.

D-OPT Connector



- 3.8) Locate RH D-Opt connector
- a) Unfold D-Opt connector and let hang as shown.

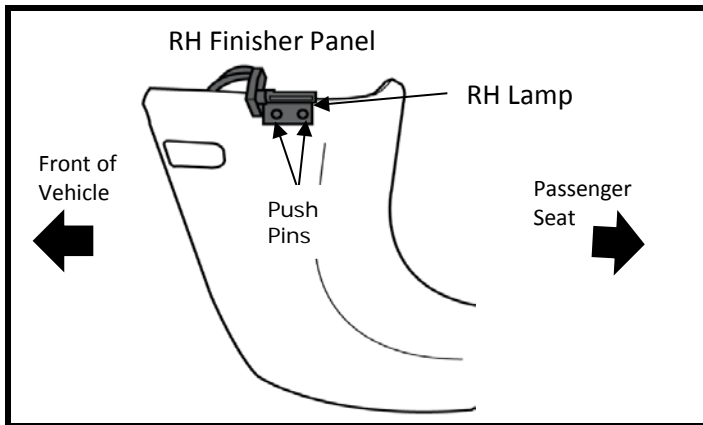
SECTION 4 - INSTALLATION PROCEDURE



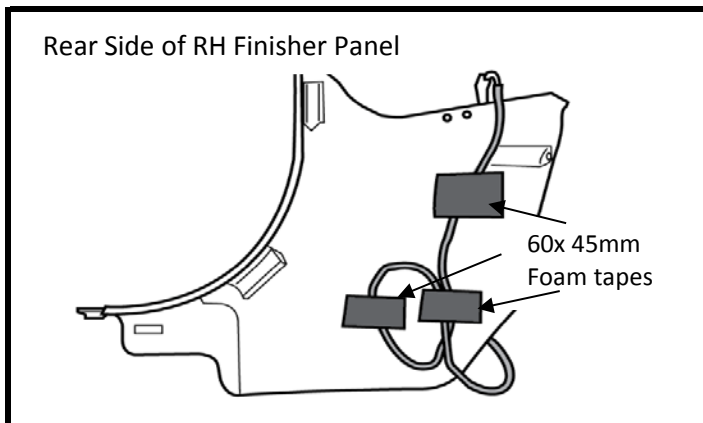
- 4.1) Passenger side light mounting on RH Dash side finisher.
 - a) Tape template (from Appendix C) at the location shown
 - b) Using punch tool, prepare the hole locations to be drilled by punching through them
 - c) Using template, drill 1/8" pilot hole from trim front to rear.
 - d) Drill 3/16" hole from trim front to rear.
 - e) Remove template. Remove burrs from holes.

CAUTION

- When drilling, be extremely careful of modules and harnesses on back of panel
- Always use drill bit stop to control drilling depth to 1/4"

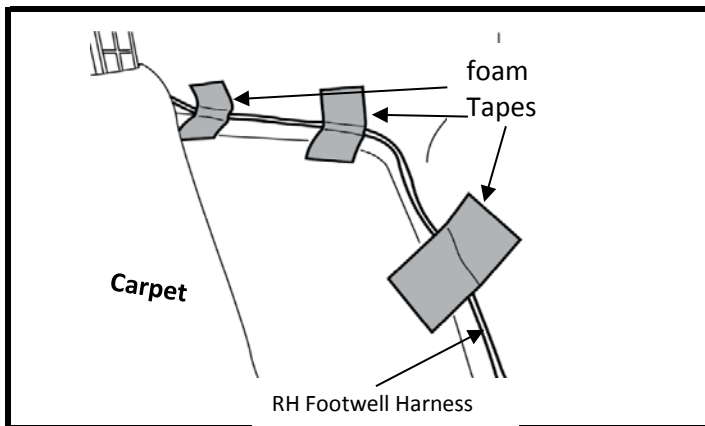


- 4.2) Passenger side light mounting on RH Dash side finisher.
 - a) Carefully attach RH light (**with B marked on bracket**) using two 5.2mm dia. push pin clips (provided in kit) pushed from front of panel to rear.
 - b) Make sure the RH Dash side finisher looks as shown, after installing RH light.



- 4.3) RH Side Footwell lights harness routing
 - a) Route RH light harness behind the finisher panel, make service loop and tape using three 60x45mm Foam Tapes tapes on the rear side of the finisher panel as shown.
 - b) Re-install the panel (after Step 4.10) and route the harness under the carpet in the footwell area towards the center console.

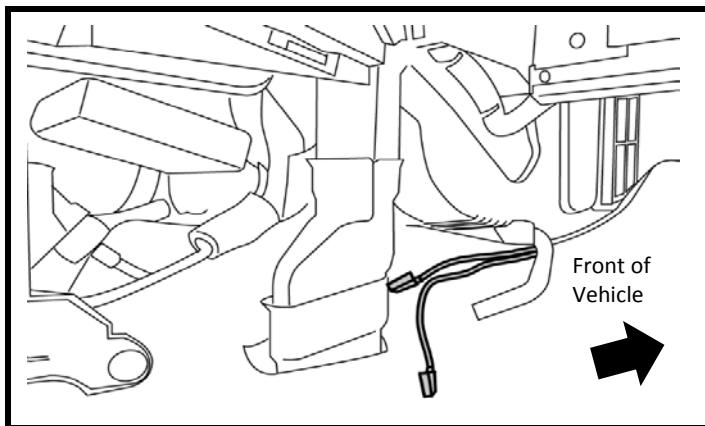
SECTION 4 - INSTALLATION PROCEDURE



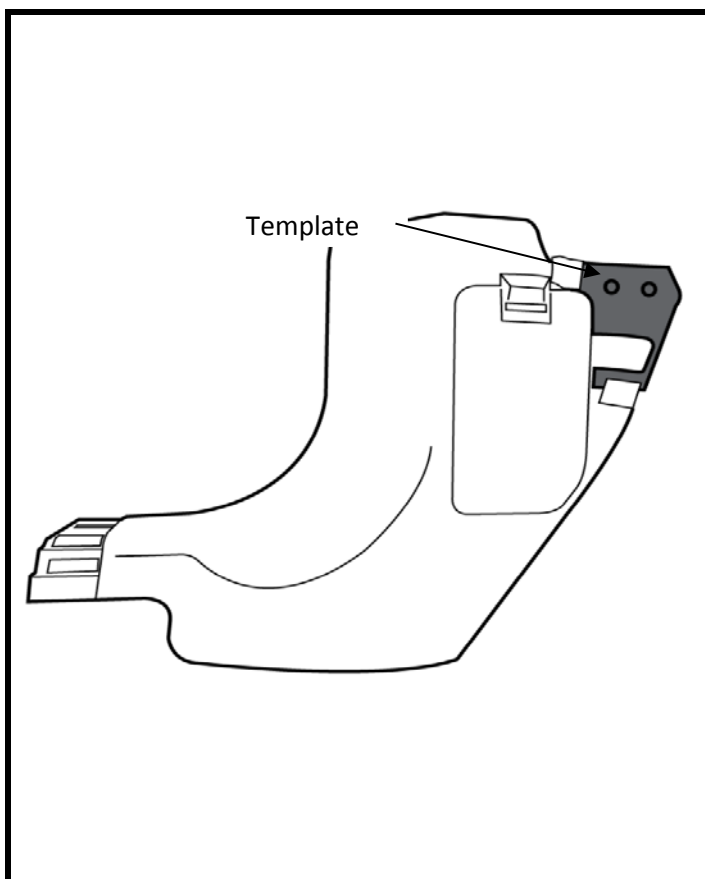
- 4.4) Routing RH Side Footwell light & Power harness
- Pull carpet & tape harness under the carpet using carpet tapes to hold the harness in place under the carpet while routing harnesses to center console, as shown
 - Positap & Foam tape (using 60x90mm Foam Tape) Power Harness as directed in Appendix A

NOTE:

Step b) for reference only at this point



- 4.5) Routing LH side Light & Harness to Driver side
- Route Driver side Lamp harness (**with A marked on bracket**) across the center console to Driver side via Instrument lower cover opening all the way to driver side Dash panel.
 - Route Power Harness & Footwell Harness connectors to the Center Console front region only but route DR side footwell harness
 - Remove the 30" wire tie attached to lamp harness, once routed

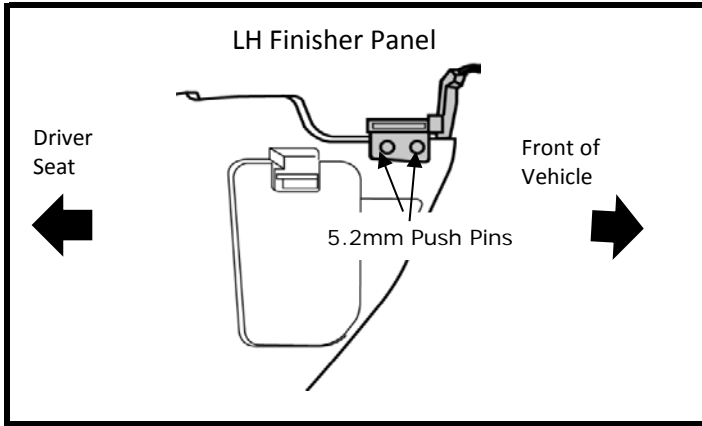


- 4.6) Driver side light mounting on LH Dash side finisher.
- Tape template (from Appendix C) at the location shown
 - Using punch tool, prepare the hole locations to be drilled by punching through them
 - Using template, drill 1/8" pilot hole from trim front to rear.
 - Drill 3/16" hole from trim front to rear.
 - Remove template. Remove burrs from holes.

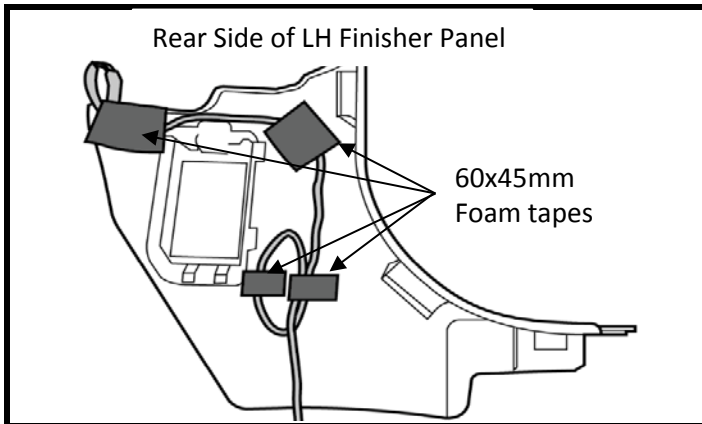
CAUTION

- When drilling, be extremely careful of modules and harnesses on back of panel
- Always use drill bit stop to control drilling depth to 1/4"
- Do Not Disturb Drain Tube
- Do Not Apply Wire Tie to Tube
- Ensure Harnesses Route Behind Tube

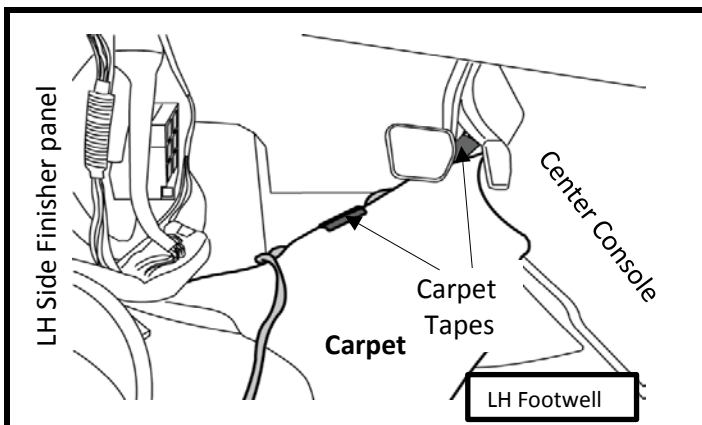
SECTION 4 - INSTALLATION PROCEDURE



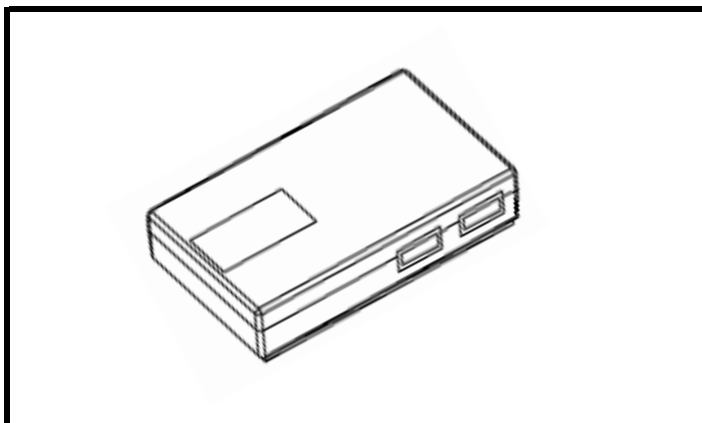
- 4.7) Driver side light mounting on LH Dash side finisher.
- Carefully attach LH light (**with A marked on bracket**) using two 5.2mm dia. push pin clips (provided in kit) pushed from front of panel to rear.
 - Make sure the LH Dash side finisher looks as shown, after installing LH light.



- 4.8) Routing LH Side Footwell light harness
- Route LH light harness behind the finisher panel, make service loop and tape using three 60x45mm Foam Tapes tapes on the rear side of the finisher panel as shown.
 - Re-install the panel and route the harness under the carpet in the footwell area towards the center console.



- 4.9) Routing LH Side Footwell light harness
- Pull carpet & tape harness under the carpet using two carpet tapes to hold the harness in place under the carpet as shown.

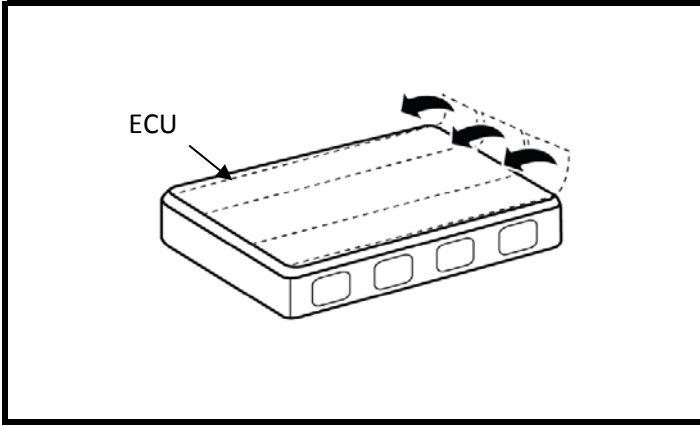


- 4.10) ECU connection port identification.
- Plug footwell lamp into any 5 pin OUT ports. Press firmly, listen for "Click" and give a slight tug to check.
 - Plug power harness into 7 pin VEHICLE port. Press firmly, listen for "Click" and give a slight tug to check.
 - Plug switch harness into 4 pin OUT port. Press firmly, listen for "Click" and give a slight tug to check.

NOTE:

Step for reference only at this point

SECTION 4 - INSTALLATION PROCEDURE

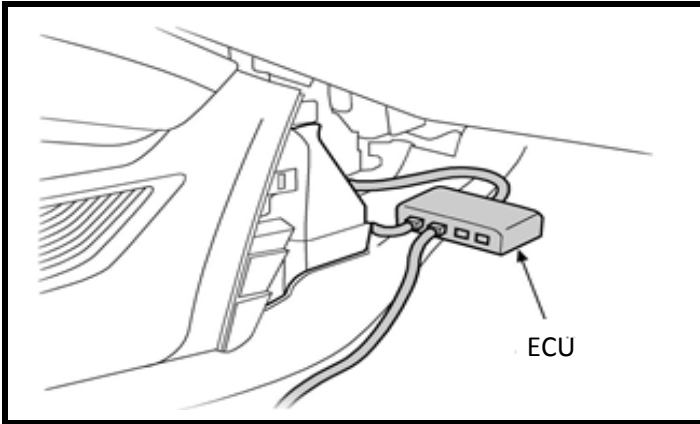


4.11) ECU Preparation

- a) Peel off all three backing papers from adhesive foam prior to placing the ECU on Carpet, as shown.

NOTE:

Step for reference only at this point

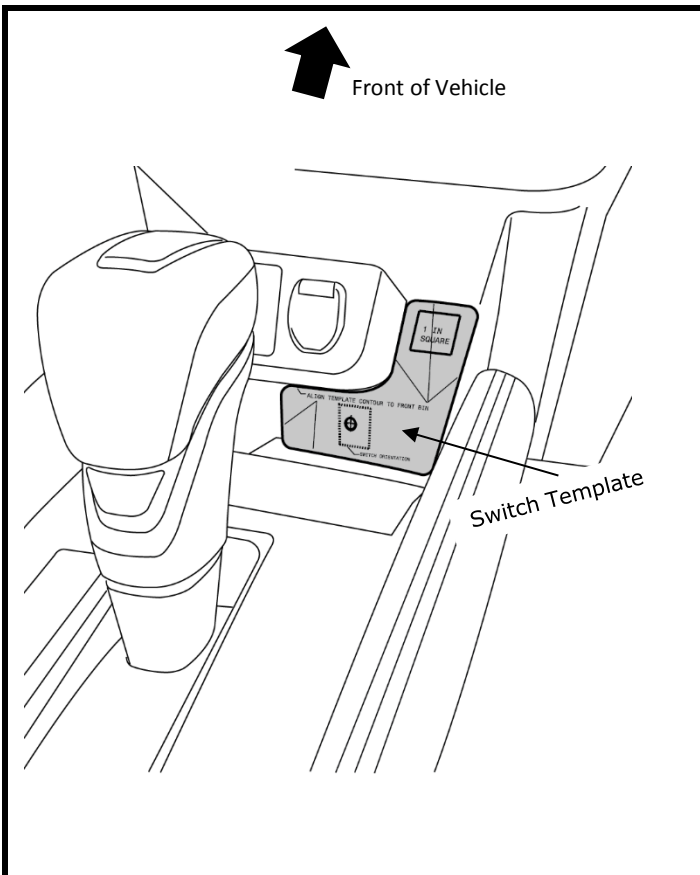


4.12) ECU Placement

- a) Position the ECU near the center stack.
- b) Plug all harnesses into the control module as stated in Step 4.10.

NOTE:

Be sure to connect all harness plugs to the control module BEFORE final mounting.



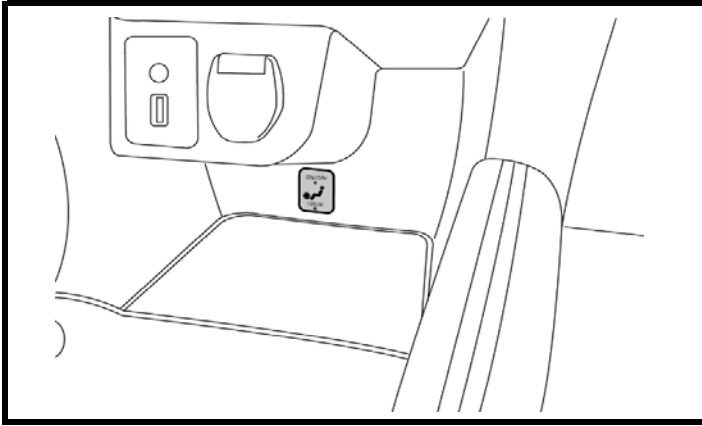
4.13) Mount Switch on Center Console

- a) Tape template (from Appendix C) at the location shown
- b) Using punch tool, prepare the hole locations to be drilled by punching through them
- c) Using template, drill 1/8" pilot hole into the panel. **Use stop on drill to go no more than 1/4" deep.**
- d) Using 1/8" pilot hole, drill 3/8" hole from trim into the panel. **Use stop on drill to go no more than 1/4" deep.**

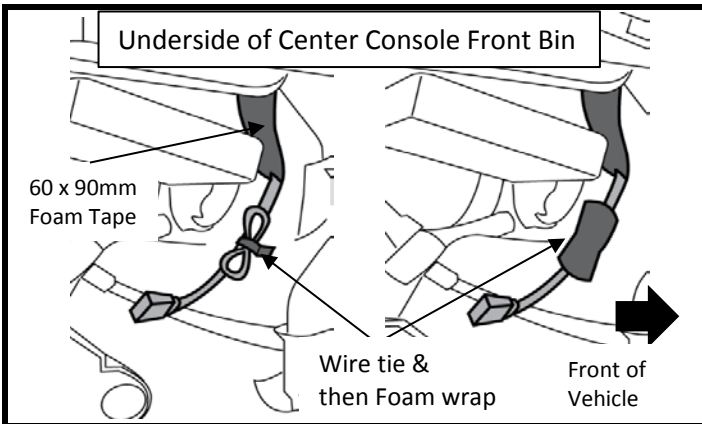
CAUTION

- **When drilling, be extremely careful of modules and harnesses on back of panel**
- **Always use drill bit stop to control drilling depth to 1/4"**

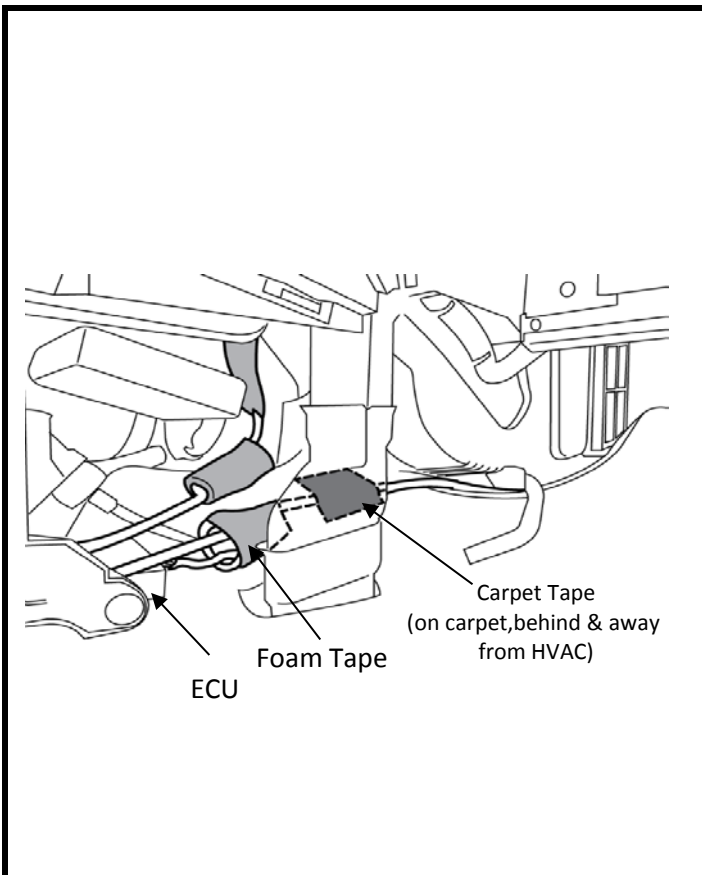
SECTION 4 - INSTALLATION PROCEDURE



- 4.14) Switch Placement & Installation
- a) Clean 3/8" switch hole with Alcohol wipe before installing switch.
 - b) Use mounting template as guide to install
 - c) Peel adhesive backing from switch
 - d) Insert Switch harness connector in hole into the center console and route harness through hole.
 - e) Contact switch adhesive to console. Press firmly and hold. **Apply 15 lbs. pressure for 20 seconds.**



- 4.15) Switch Placement & Installation
- a) Place one 60X90mm Foam tape over the Switch harness to hold the harness to the underside of panel.
 - b) Route connector of Switch harness toward ECU & plug into its port (as per Step 4.10).
 - c) Install & tighten Wire tie, clip excess length wire tie & then foam wrap (using 60 x 90mm Foam Tape) excess harness bundle.



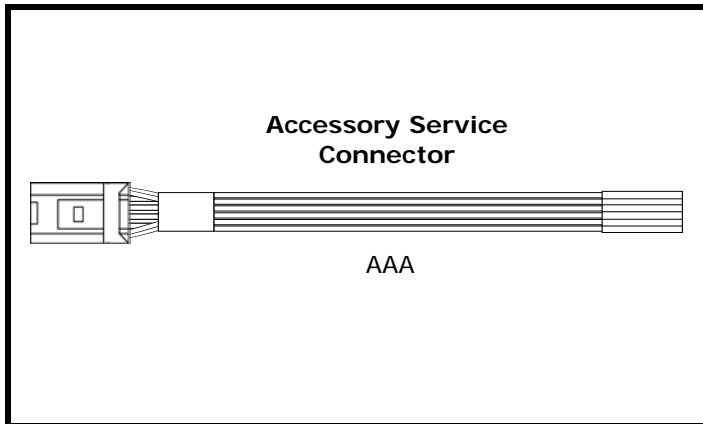
- 4.16) ECU Placement & Connection
- a) Peel the backing papers off the tape under the ECU (Step 4.11)
 - b) Securely place the ECU on the carpet under the center stack as shown so excess LED harness will not show under Instrument Lower Cover. **Apply even 15 lbs pressure for 20 seconds on top of ECU.**
 - c) Bundle any extra harness, tie them using 8" wire ties & apply carpet tape to hold them to the floor, as shown.
 - d) Tape the Power and footwell harnesses using 60x45mm Foam tape to prevent ratting, as shown

NOTE:

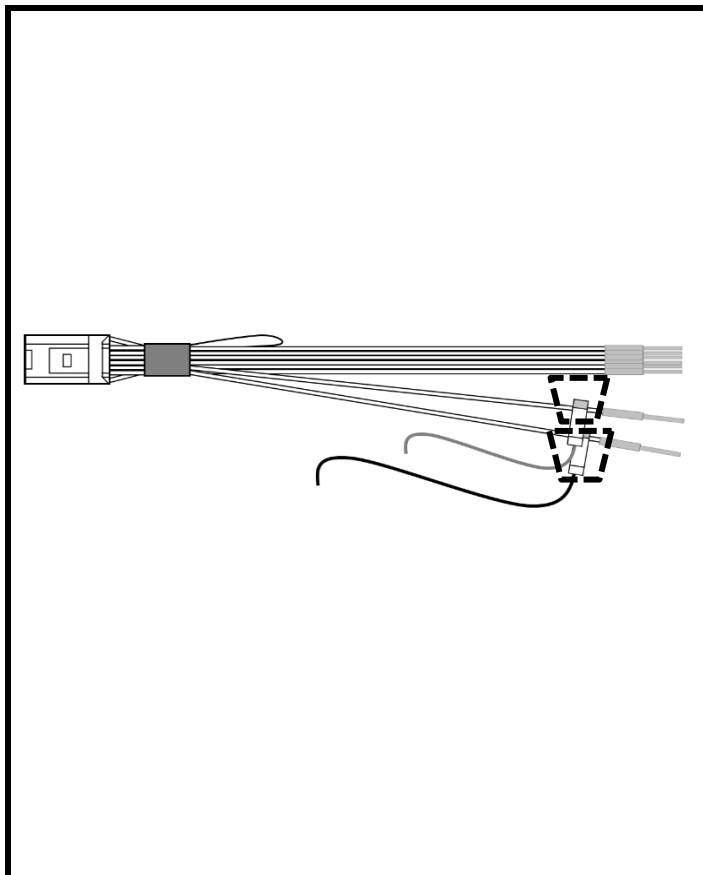
Avoid placing the ECU directly under the HVAC. Condensation could cause moisture to drip on electrical connections.

! 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.



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

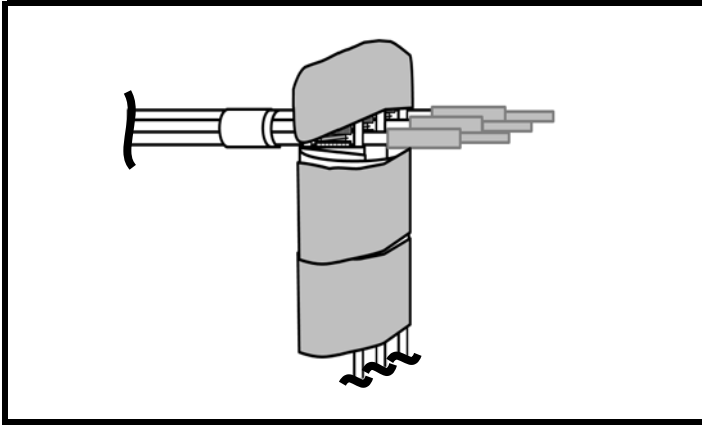


- 5.2) Connect ASC (AAA) to Interior Accent Lights
- a) Using a Posi-Tap, connect the BLACK wire from Power Harness to "GND" (BLACK wire) of the ASC (AAA) as shown.
 - b) Using a Posi-Tap, connect the ORANGE wire from Power Harness to "ACC" (ORANGE wire) of the ASC (AAA) as shown.
 - c) Using a Posi-Tap, connect the PINK wire from Power Harness to "BAT_SVR" (PINK wire) of the ASC (AAA) as shown.
 - d) Using a Posi-Tap, connect the YELLOW wire from Power Harness to "ROOM_LAMP" (YELLOW wire) of the ASC (AAA) as shown.
 - e) Tape back BROWN wire from power harness to power harness - not used

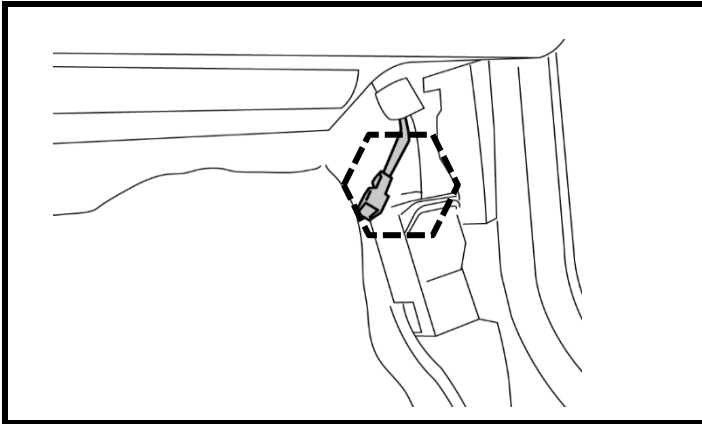
Posi Tap (F)



SECTION 5 - ASC CONNECTION

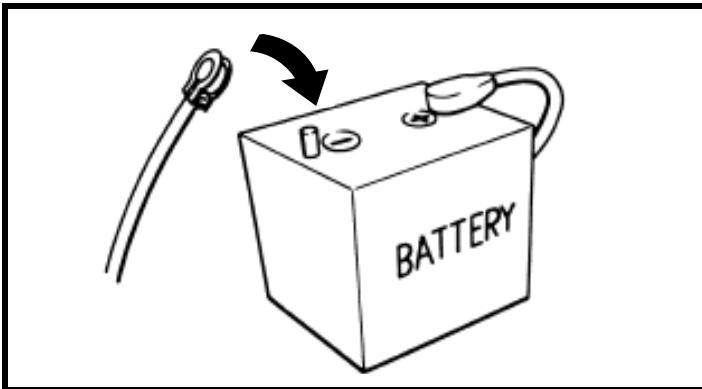


- 5.3) Connect ASC (AAA) to Interior Accent Lights
- a) Once the ASC is prepared as described in Appendix A, the Power Harness with ASC attached should look like this.



- 5.4) Connect ASC (AAA) to Interior Accent Lights
- 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 Interior Lighting Kit (ILK) turns ON in ACC & IGN modes respectively when the ILK switch inside the console box is ON.

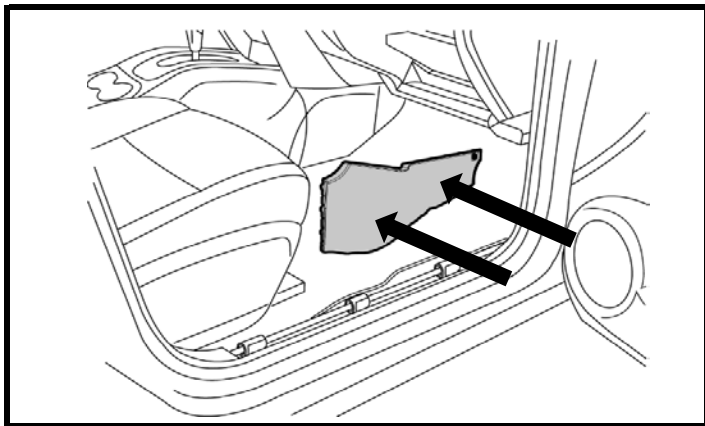
- 5.6) Electrical function check
- a) If NG, check fusing, harness routing, connections, and Interior Accent Lights to identify root cause.



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.

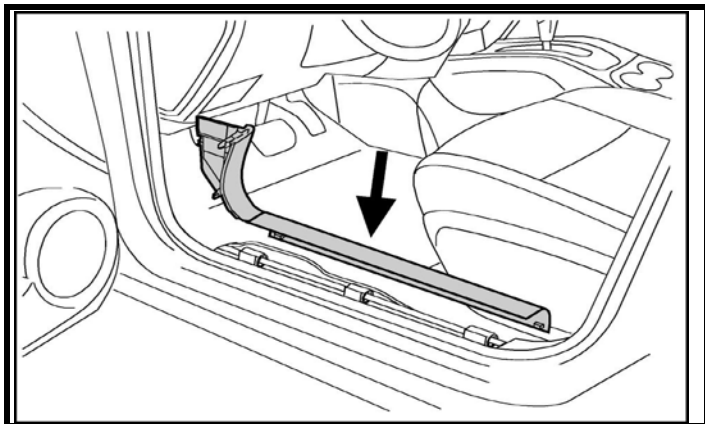
SECTION 6 - FINAL TRIM INSTALLATION & FUNCTION CHECK



- 6.1) Reinstall Instrument Lower cover
- a) Carefully reinstall the Instrument Lower cover on RH & LH sides.

NOTE:

Be careful not to damage any clips on the panel.



- 6.2) Reinstall Inner kicking front plate
- a) Reinstall the Inner kicking front plate on passenger side.

NOTE:

Be careful not to damage any clips on the panel.

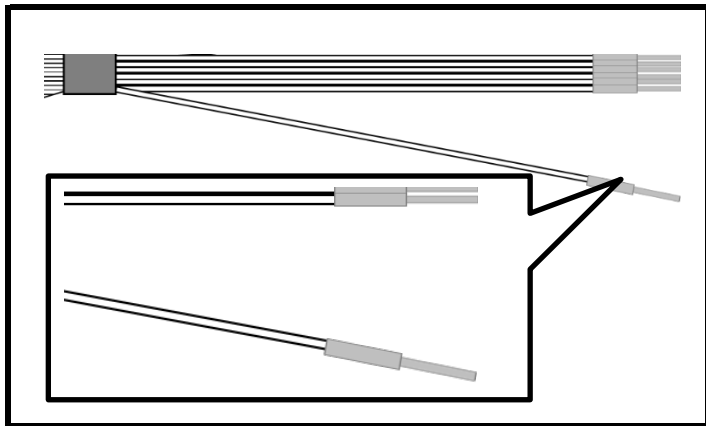
CAUTION

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.

- 6.3) Complete checklist:

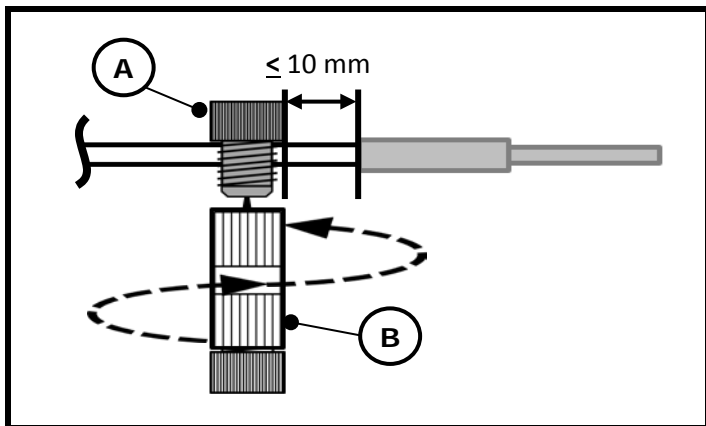
- Tighten battery terminal nut to 5 N-m.
- Verify re-installed trim parts for proper fit (no gap, waviness, etc.), particularly the door sill weather
- Verify all windows and sunroof (if equipped), one touch operation and perform the reset procedure if necessary. Refer to the vehicle Service Manual for 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.

APPENDIX A - POSI-TAP PROCEDURE



A.1) Installing Posi-Tap™ on Accessory Service Connector (AAA)

- a) Identify and confirm ASC wire to be tapped. Check color as well as connector location.
- b) Separate wire from rest of bundle.



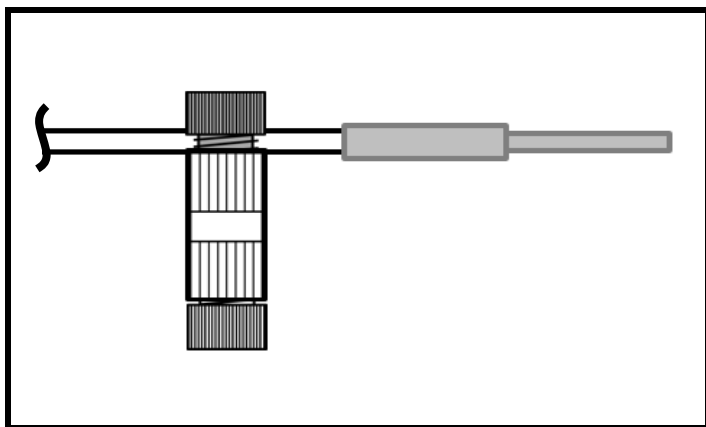
A.2) Installing Posi-Tap™ on ASC (AAA)

- a) Remove pierce cap (A) gray side from tap
- b) Slide cap around single wire to be tapped
- c) Position cap ≤ 10 mm away from heat shrink end of connector
- d) Turn tap (B) clockwise until finger "tight". Then secure to cap (A) with another $\frac{1}{4}$ turn.



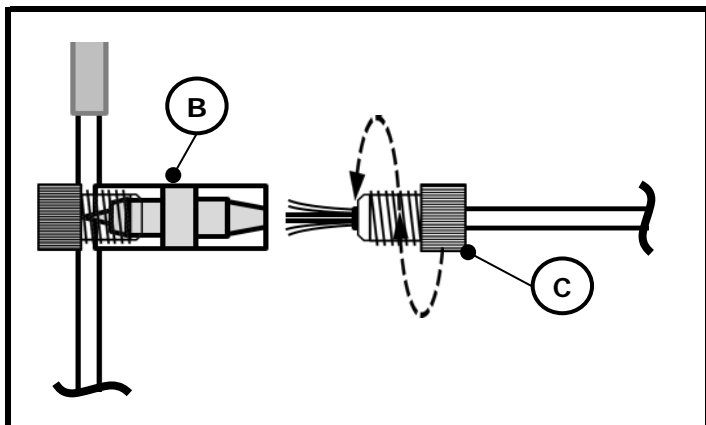
CAUTION

Do not overtighten Posi-Tap, it may damage wire



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

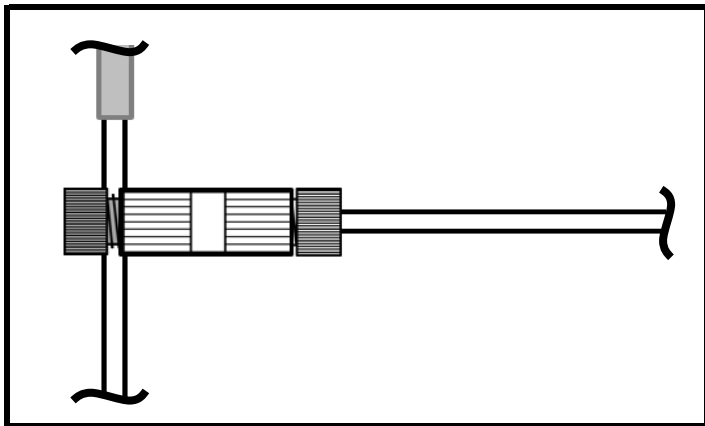
- a) Inspect Posi-Tap™ to ensure correct installation.
- b) Wire jacket should be crushed enough to maintain pressure.
- c) Confirm tap cap gap is straight and evenly spaced around perimeter.



A.4) Installing Accessory wire into Posi-Tap™

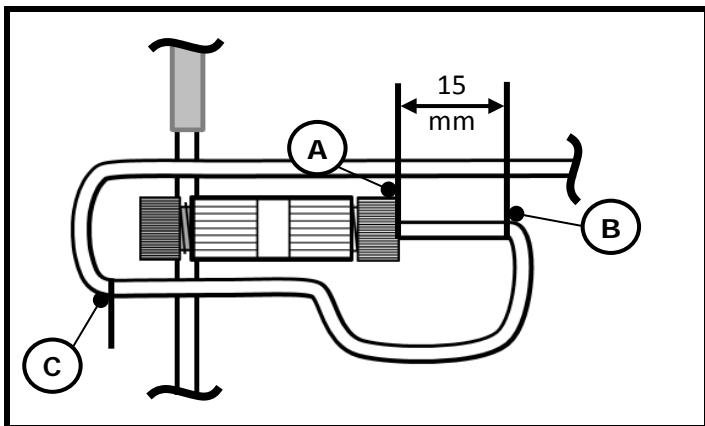
- a) Remove tap bottom (C) red side from tap body (B).
- b) Remove the pre cut insulation from correct Accessory wire.
- c) Insert wire through tap bottom (C) opening.
- d) Fan out individual wire strands as shown.
- e) Insert wire into tap body until it bottoms out.
- f) Turn tap bottom (C) clockwise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

APPENDIX A - POSI-TAP PROCEDURE



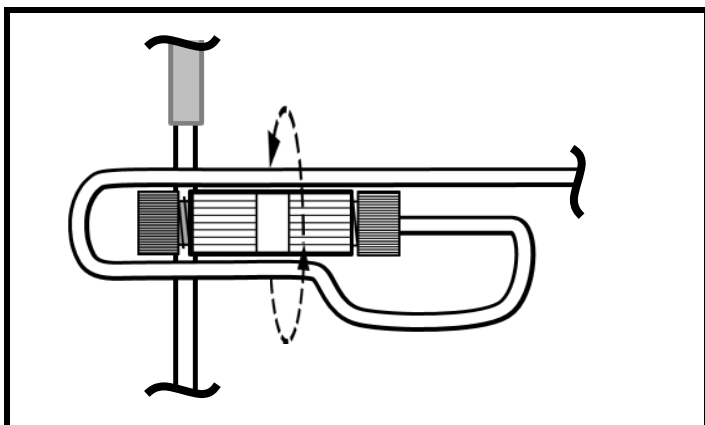
A.5) Installing accessory wire into Posi-Tap™

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



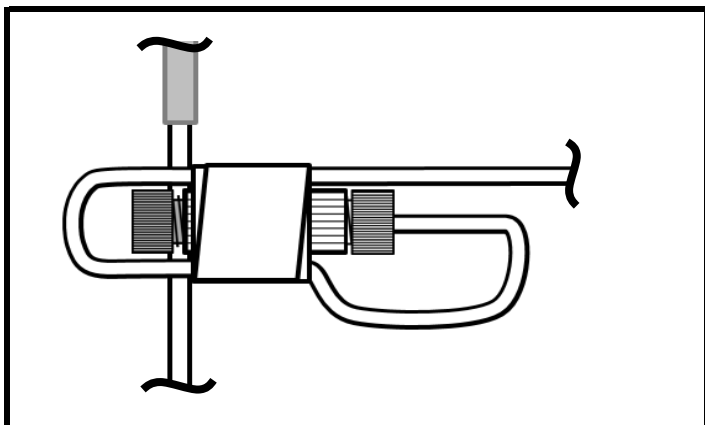
A.6) Accessory wire strain relief

- 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).



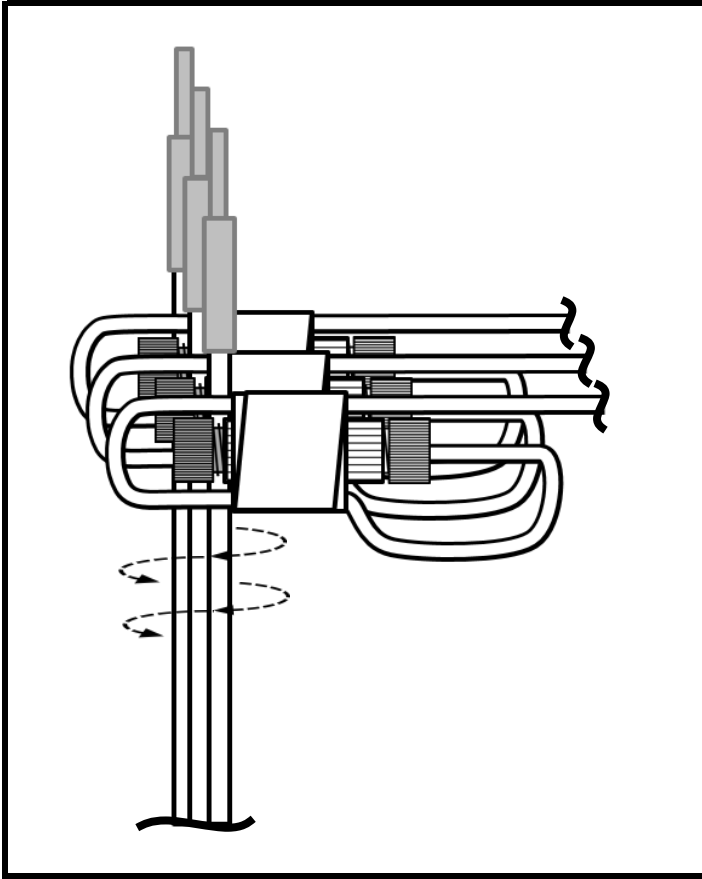
A.8) Accessory wire strain relief

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

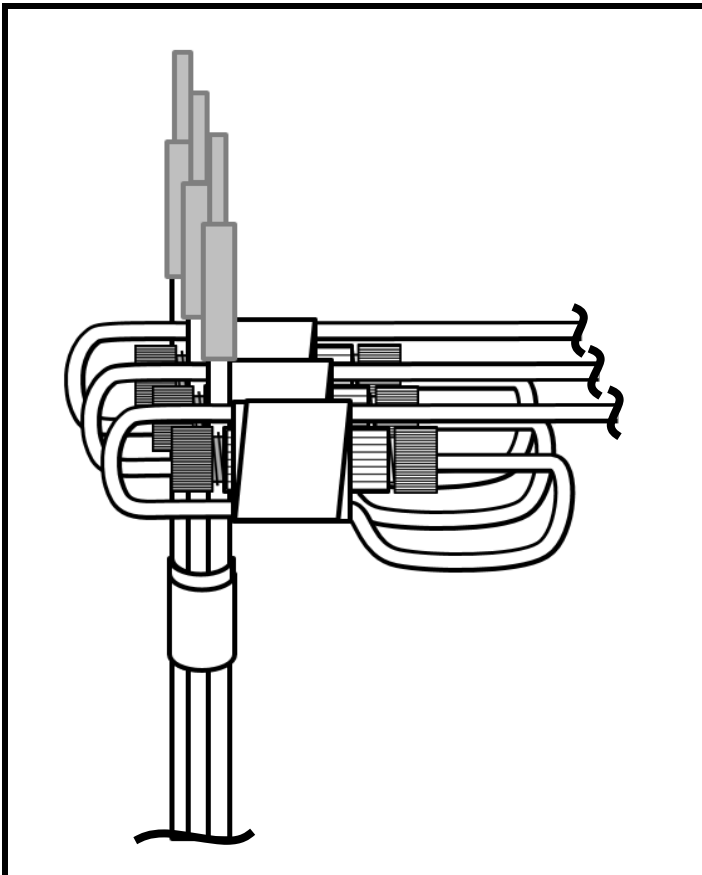
A.9) Installing Posi-Tap™ on ASC (AAA)

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

APPENDIX A - POSI-TAP PROCEDURE



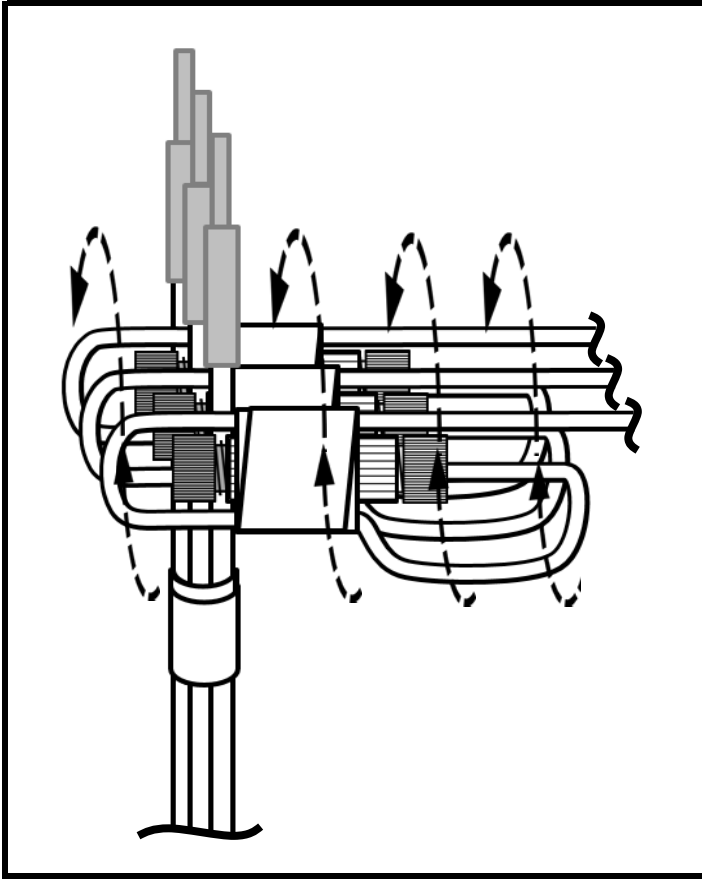
- A.10) Securing multiple Posi-Taps™ together
- a) Stack Posi-Taps™ in slightly staggered fashion as shown.
 - b) Secure tapped circuits together with electrical tape (≥ 2 revolutions).



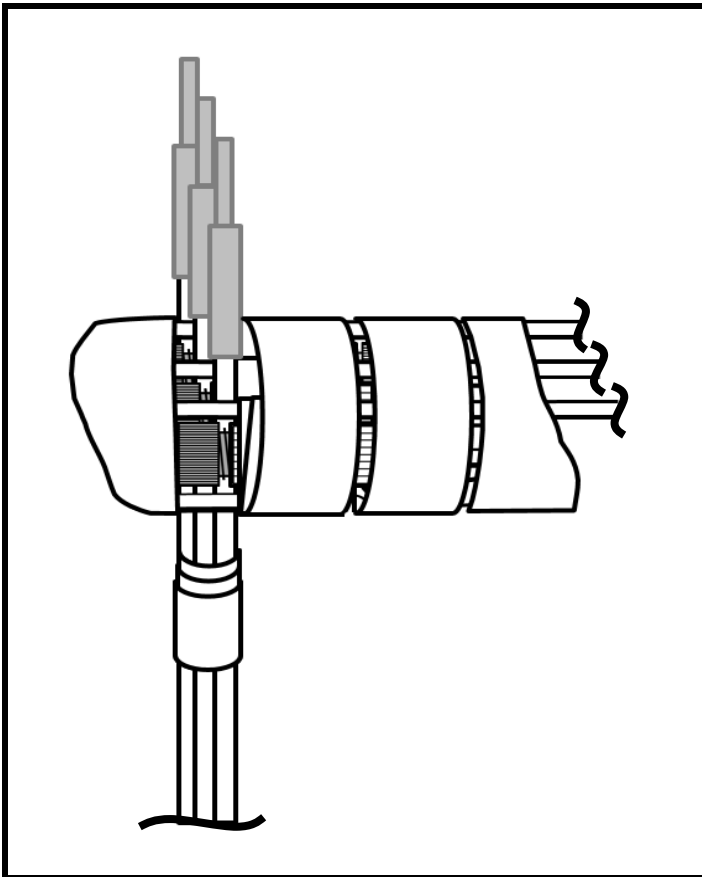
- A.11) Securing multiple Posi-Taps™ together
- a) Once tapped circuits are secured together with electrical tape they should look as shown.

APPENDIX A - POSI-TAP PROCEDURE

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



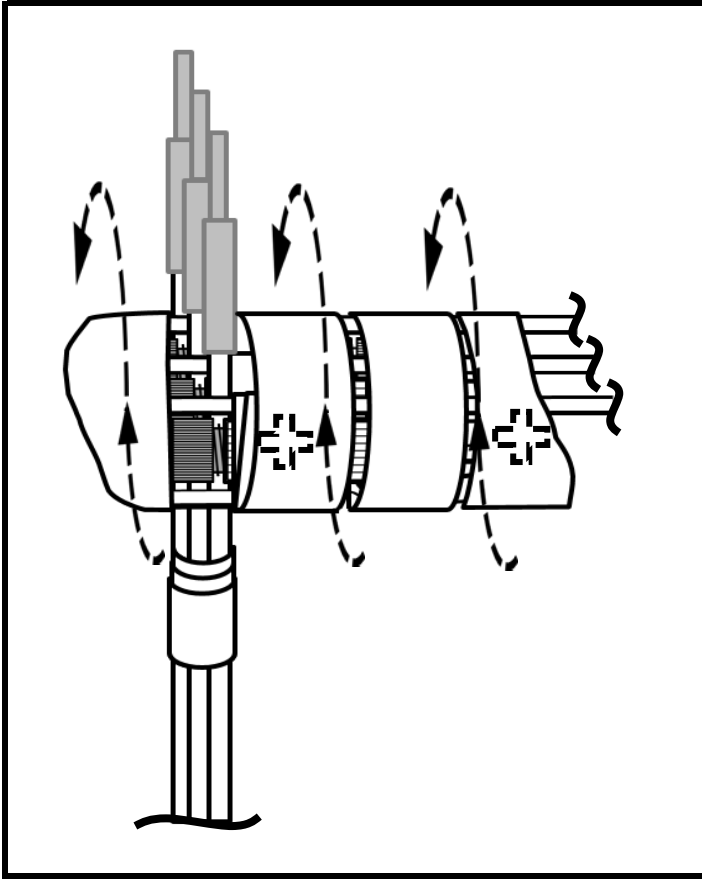
- A.13) Securing multiple Posi-Taps™ together
a) Once Posi-Taps™ are secured together with electrical tape they should look as shown.



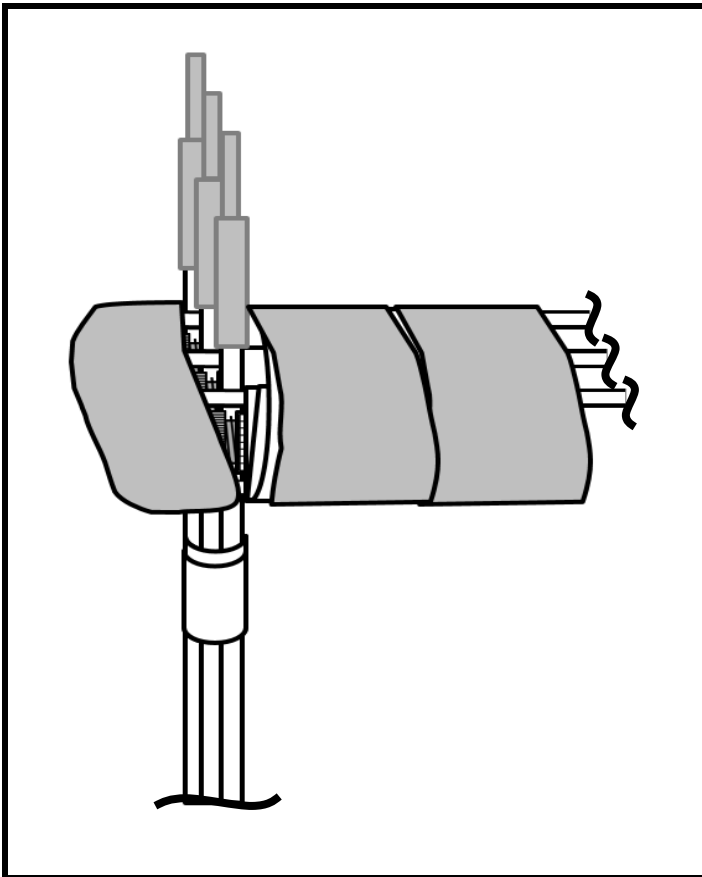
APPENDIX A - POSI-TAP PROCEDURE

- 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

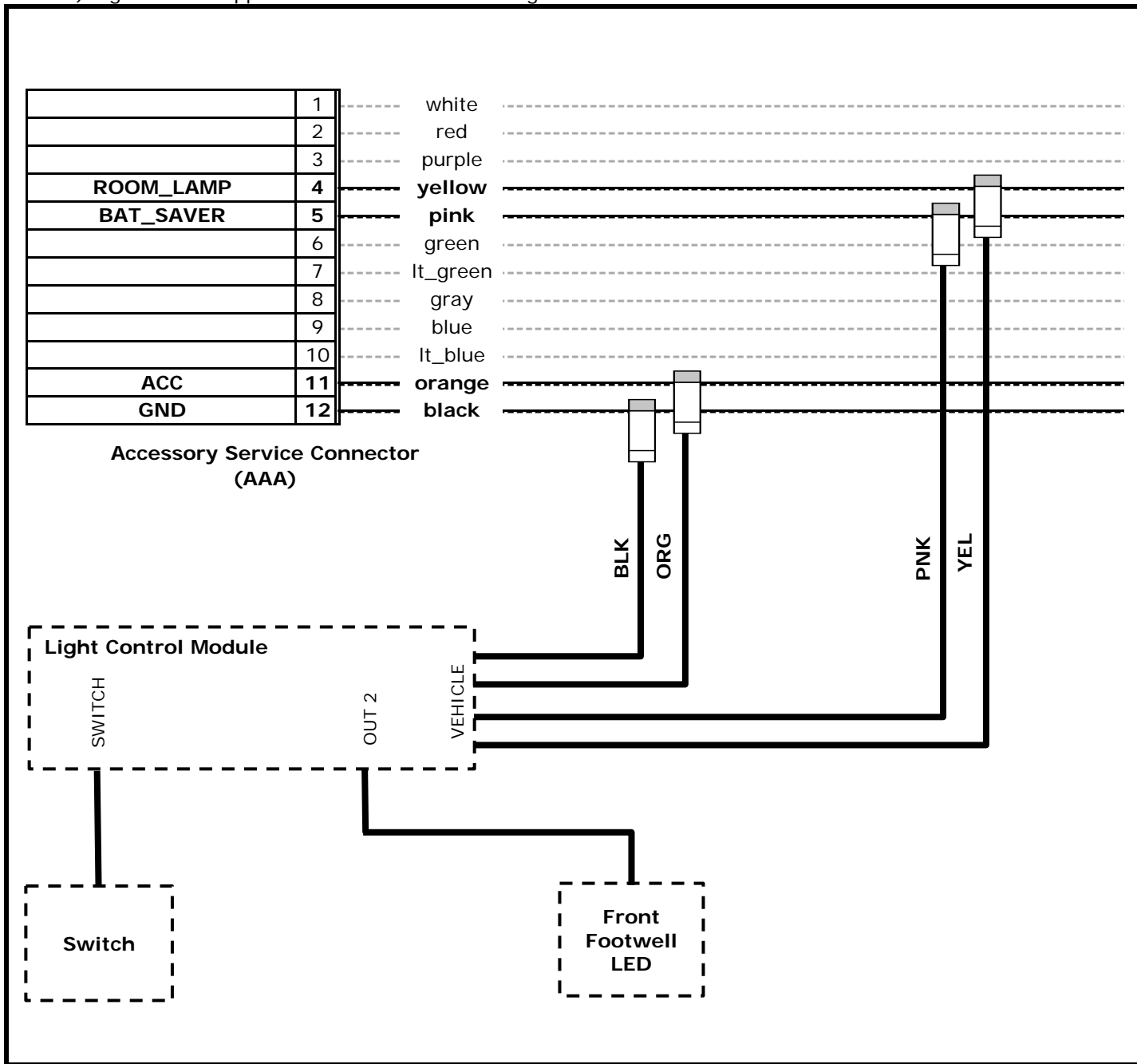


- A.15) Securing multiple Posi-Taps™ together
a) Once wrapped with Foam Tape, taped Posi-Tap™ bundle should look as shown.



APPENDIX B - MECHANIZATION DRAWING

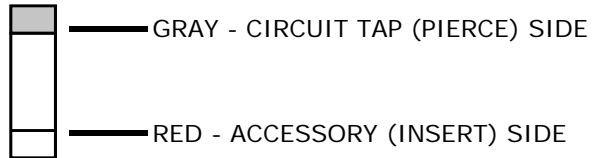
B.1) Figure below applies to the Interior Accent Lights connected to the RH ASC



CONNECTOR PN#	T99F6 4RA0A
CONNECTOR NAME	ACCESSORY SERVICE CONNECTOR
CONNECTOR COLOR	WHITE

LEGEND

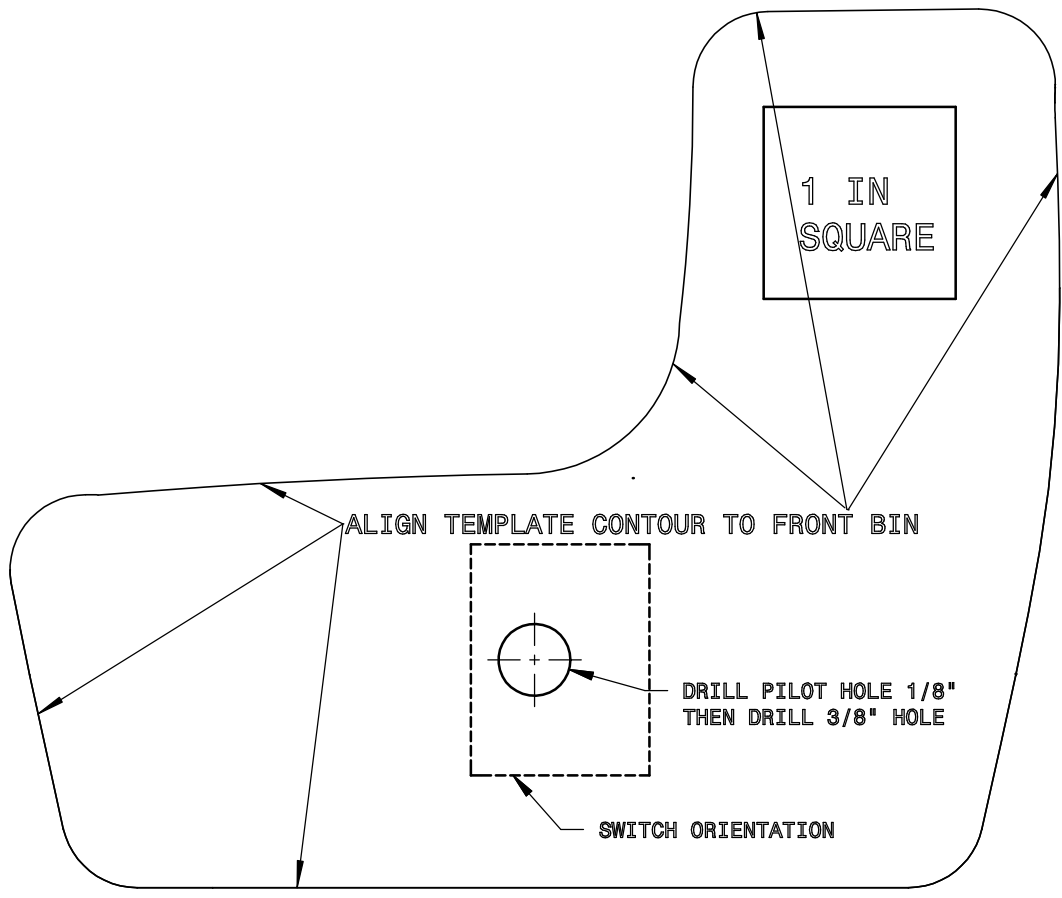
POSI-TAP



Note: Pin location is referenced looking into harness side of connector with lock tab oriented as shown.

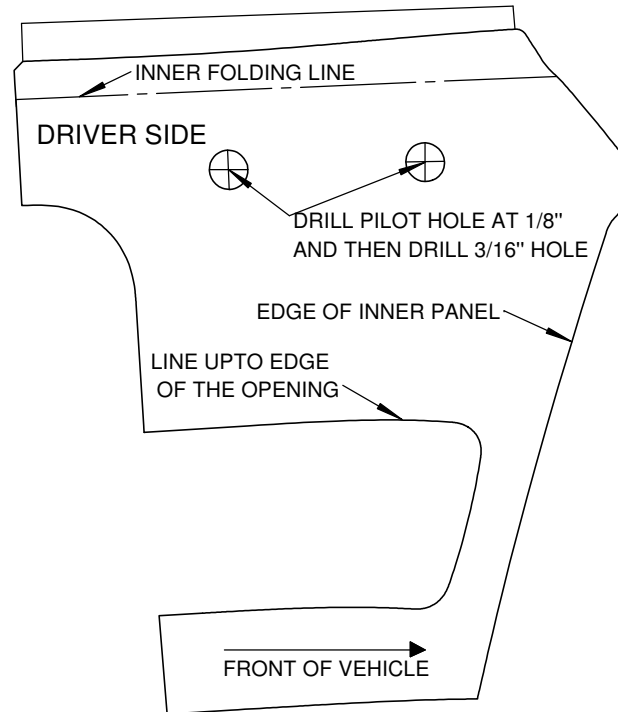
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SWITCH INSTALLATION TEMPLATE

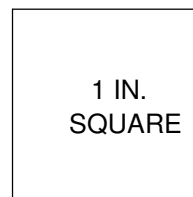


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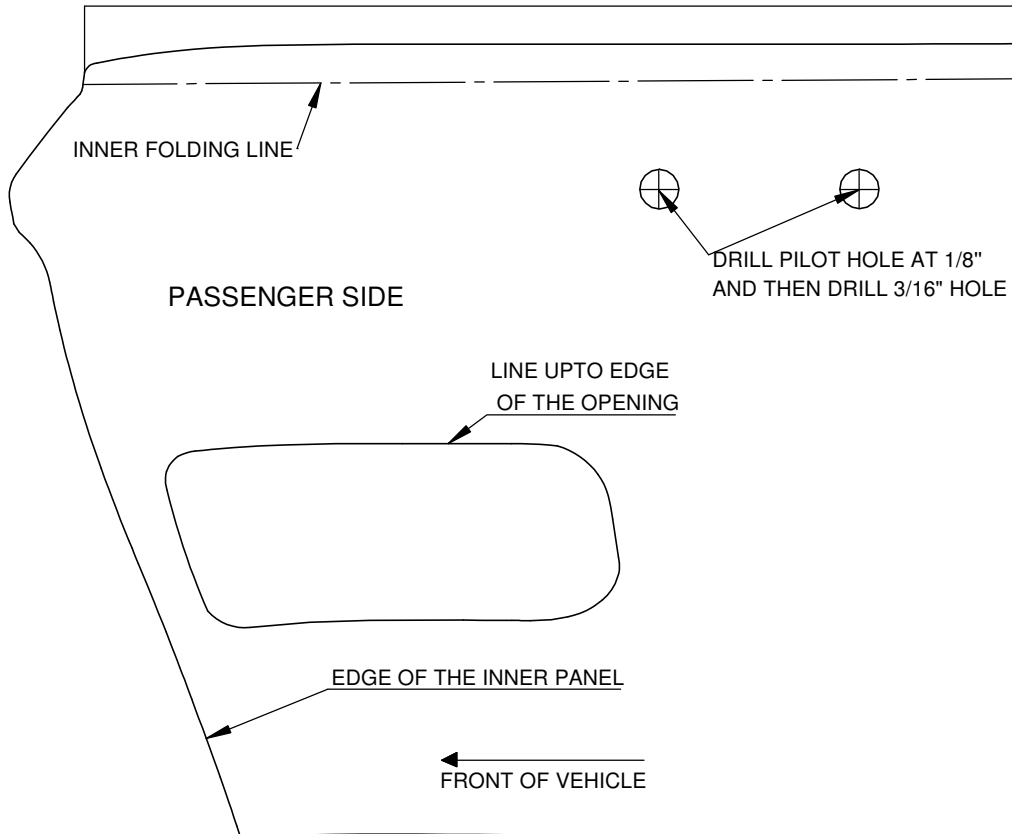
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