



GENUINE PARTS

INSTALLATION INSTRUCTIONS

DESCRIPTION: Kick Plate Kit

APPLICATION: Frontier

**PART NUMBER(S)
REQUIRED FOR
INSTALLATION:**

Front (KC or CC) Kick Plate Kit Installations-

T99G6 9BU0F - "Frontier" Illuminated Kick Plate Kit, Front
or T99G6 9BU0P - "Pro-4X" Illuminated Kick Plate Kit, Front
or T99G6 9BU9F - "Frontier" Door Sill Plate Kit, Front (non-illuminated)

Rear (CC) Kick Plate Kit Installations- T99G6 9BU0C

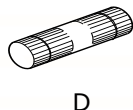
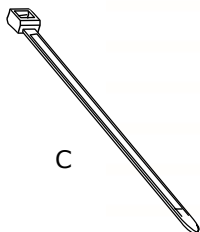
T99F6 4RA0A , Accessory Service Connector - not included in kits above

KIT CONTENTS:

B or BB



A or AA



E



F



Important: Read Before Installation!

Dealer Installation Recommended.

⚠ WARNING

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

CUSTOMER INTERNET DOWNLOAD INSTRUCTIONS:

Customers can obtain Installation Instructions for Infiniti or Nissan vehicles at www.infiniti-techno.com or www.nissan-techno.com respectively. From the home page, select Accessory Instructions. Select your Model, Model Year, and Accessory Type or search for your Model, and or Model Year, and or Accessory Type including Keyword or Part Number, then locate the Instructions for your accessory.

DEALER ASSIST DOWNLOAD INSTRUCTIONS:

Dealership technicians can locate the Installation Instructions for this accessory by scrolling to and select, 'Acc. Install Instructions' tab. Always download and use latest version of the Installation Instructions.

Installation Instructions Replacement Template 999V2 AW000 Rev. 07/12/15

DD - Crew Cab Only



CC - Crew Cab Only



ADDITIONAL SERVICE PARTS NOT INCLUDED IN KIT ABOVE :

Item	Qty.	Part Description	Service Part Number
AAA	2	Accessory Service Connector	T99F6 4RA0A



AAA

**PART NUMBER(S)
REQUIRED FOR
INSTALLATION:**

KIT CONTENTS:

Item	Qty.	Part Description	Service Part Number
A	1	Illuminated Kick Plate, Front LH	Not Serviceable - Part of Kit T99G6 9BU0F or T99G6 9BU0P
B	1	Illuminated Kick Plate, Front RH	
C	8	Cable Tie, 200mm long	
D	4	Posi-Tap™ Connector	
E	8	Foam Tape	
F	4	Clip, plastic	
G	1	Installation Instruction Website Address	
AA	1	Door Sill Plate, Front LH	Not Serviceable - Part of Kit T99G6 9BU9F
BB	1	Door Sill Plate, Front RH	
F	4	Clip, plastic	
G	1	Installation Instruction Website Address	
CC	1	Door Sill Plate, Rear LH	Not Serviceable - Part of Kit T99G6 9BU0C
DD	1	Door Sill Plate, Rear RH	

TOOLS REQUIRED:

- Ratchet, 1/4" drive
- Socket, 10mm, 1/4" drive
- Torque Wrench, 1/4" drive
- Trim Removal Tool, Nylon
- Screwdriver, 3/8 flat
- Pliers, Wire Cutting
- Electrical Tape
- Work Light

INSTALLATION CAUTIONS:

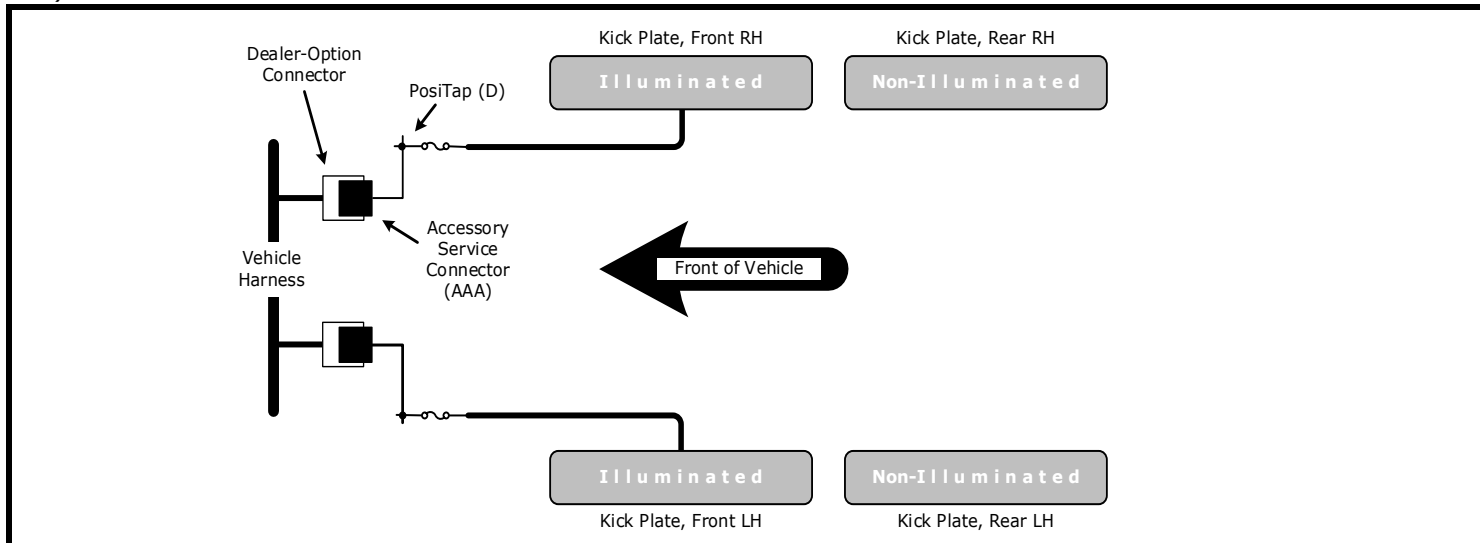


CAUTION

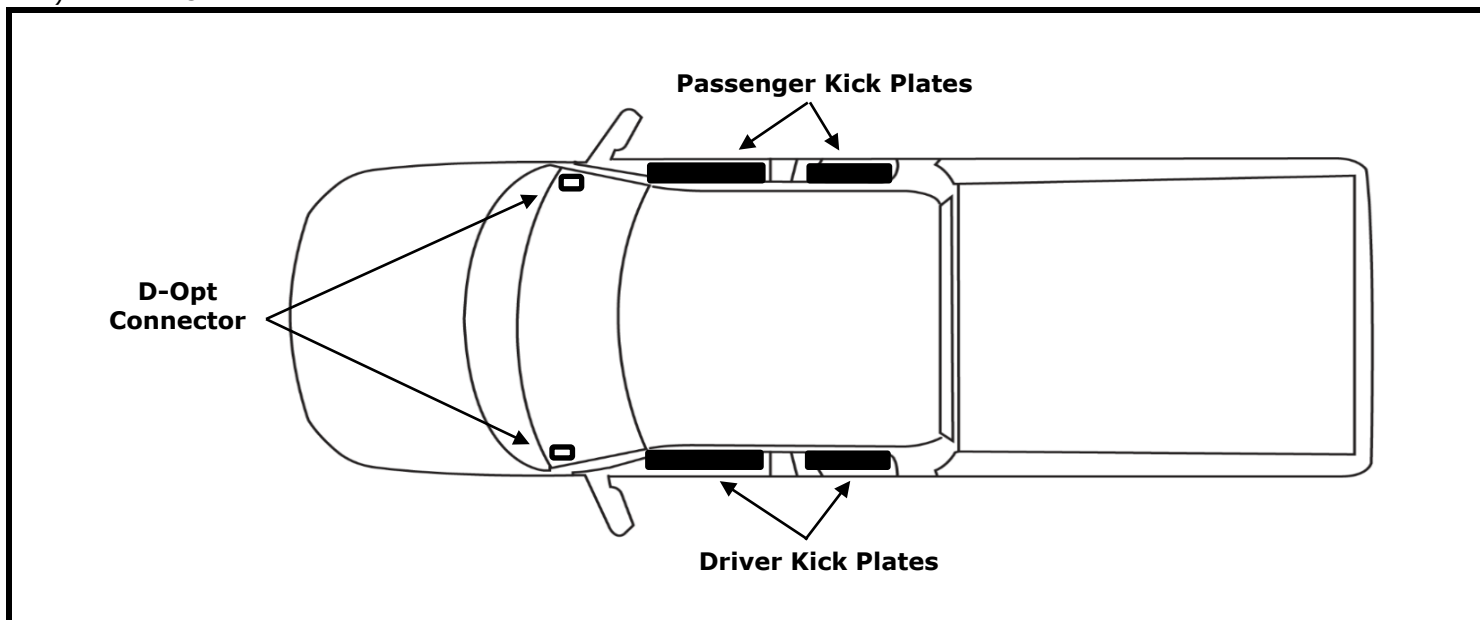
- Dealer installation recommended. Instructions may refer to Service Manual.
- Please read this instruction carefully before installing this product for correct installation.
- Please **DO NOT** use or install the part in ways other than what is described.
- Always use floor, seat and steering wheel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

SECTION 1 - OVERVIEW

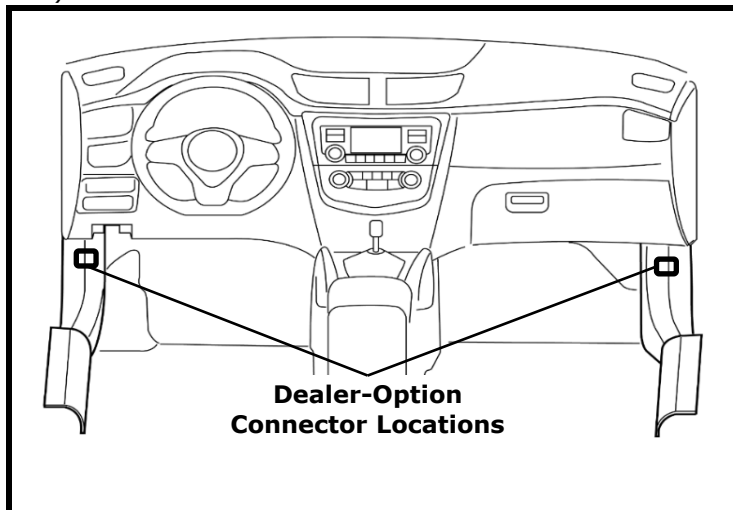
1.1) SYSTEM



1.2) VEHICLE



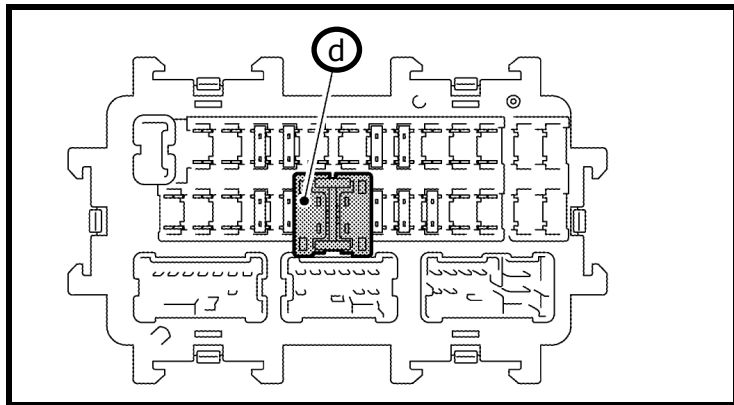
1.3) D-OPT CONNECTOR LOCATION





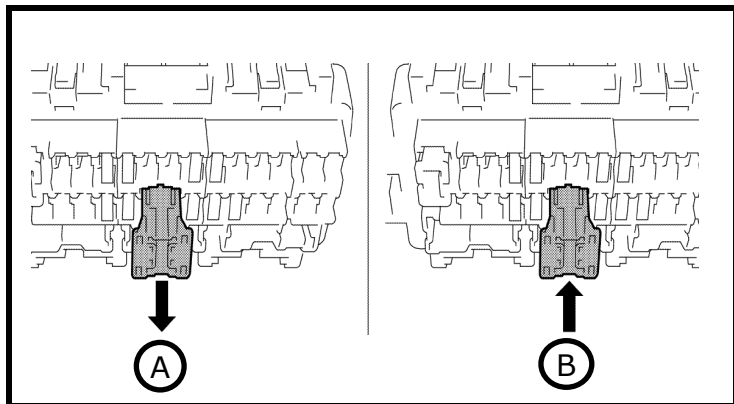
CAUTION

- 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)	

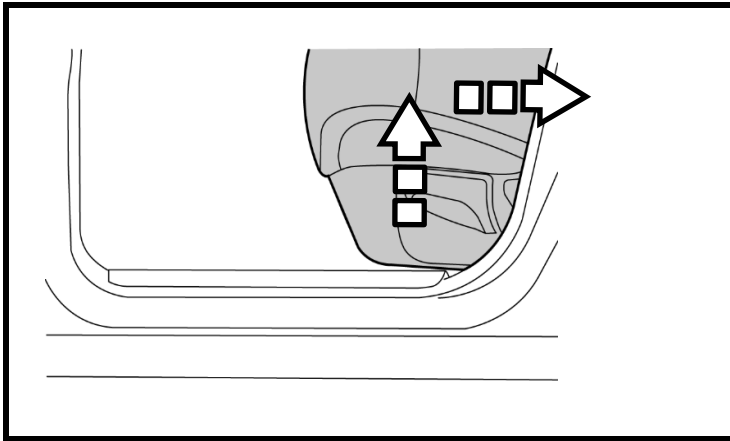
2.3) Record Customer Presets

- 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.

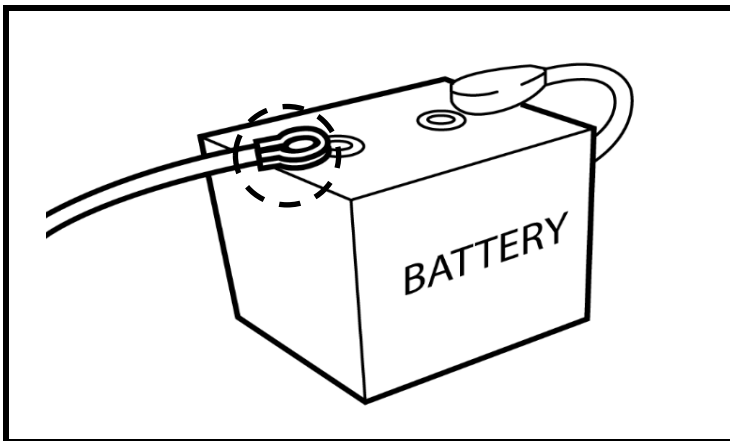
SECTION 2 - VEHICLE PREPARATION



2.3) Move seats.

- a) Move both front seats to full upward and rearward position.
- b) Roll front windows down.

2.4) **If installing non-illuminated Door Sill Plates (AA & BB), skip to step 3.1**



2.5) Disconnect battery terminal

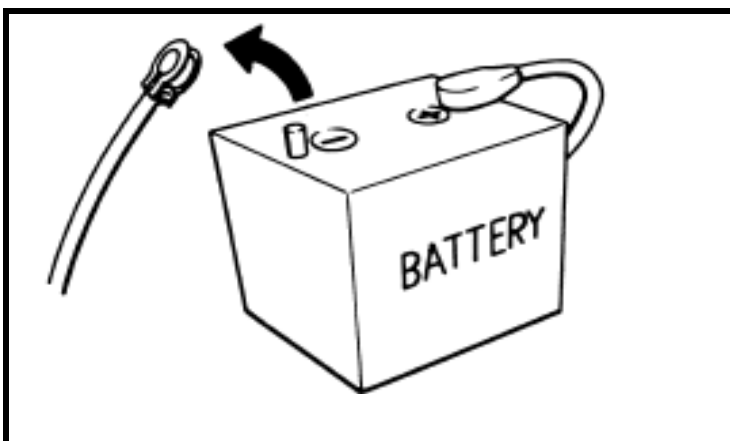
- a) Locate negative battery terminal.
- b) Loosen nut with 10mm socket

Battery Terminal Nut



⚠ CAUTION

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



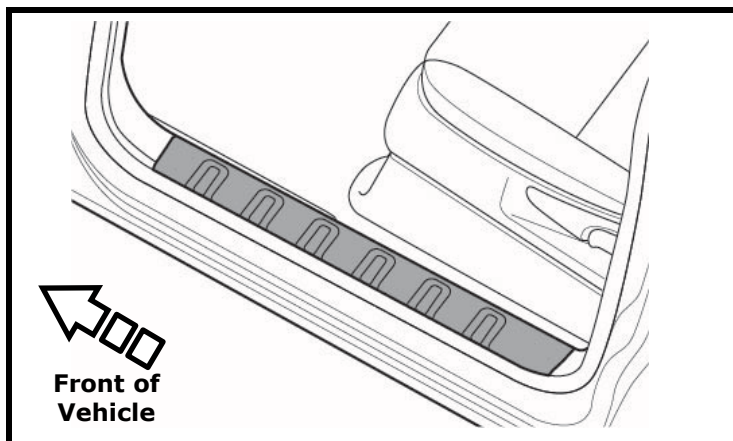
2.6) Disconnect battery terminal

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

⚠ CAUTION

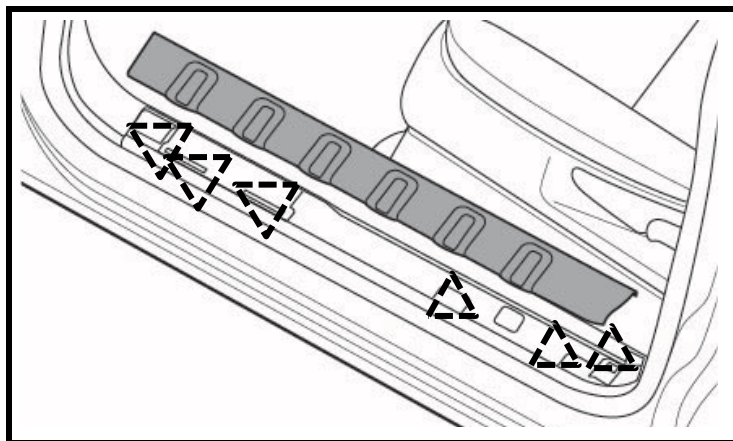
- Allow 3 min after negative terminal disconnect before separating any electrical connectors.

SECTION 3 - TRIM REMOVAL - FRONT



3.1) Remove LH trim

- a) Locate LH inner kick plate assembly.



3.2) Remove LH trim

- a) Using trim removal tool at rearward end of inner kick plate, pry inner kick plate up to disengage 3 clips.

Clip

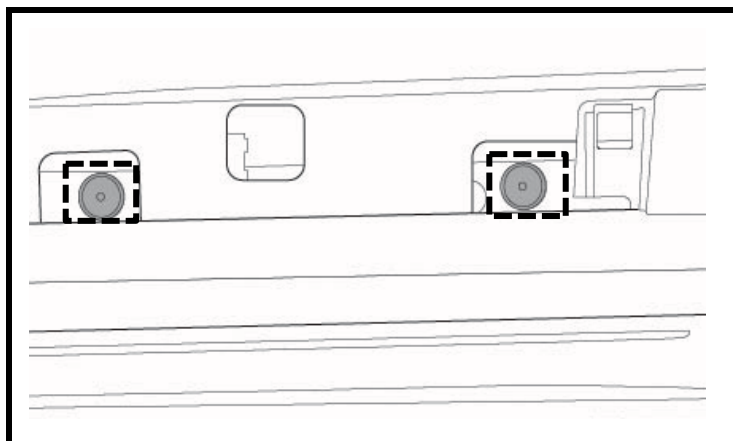


- b) Using trim removal tool at forward end of inner kick plate, pry inner kick plate up to disengage 3 remaining clips.

Clip



- c) Discard inner kick plate.



3.3) Remove LH trim

- a) Check if 2 kick plate attaching clips remain in sheet metal. If so, remove and discard clips.

Clip, Kick Plate Attaching



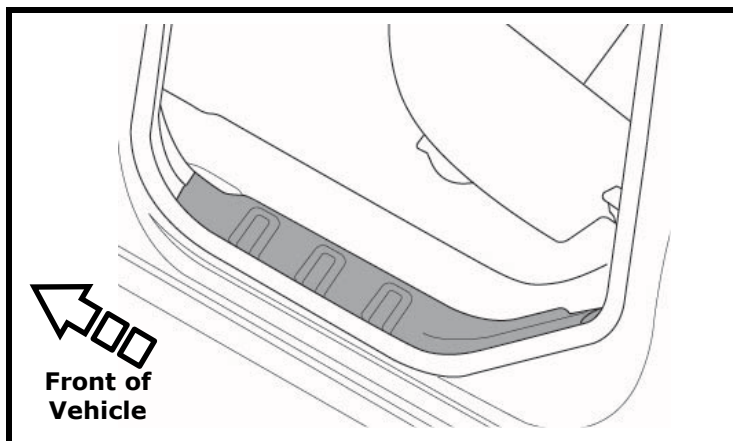
3.4) Remove RH trim

- a) Repeat steps 3.1 through 3.3 for RH (passenger) side.

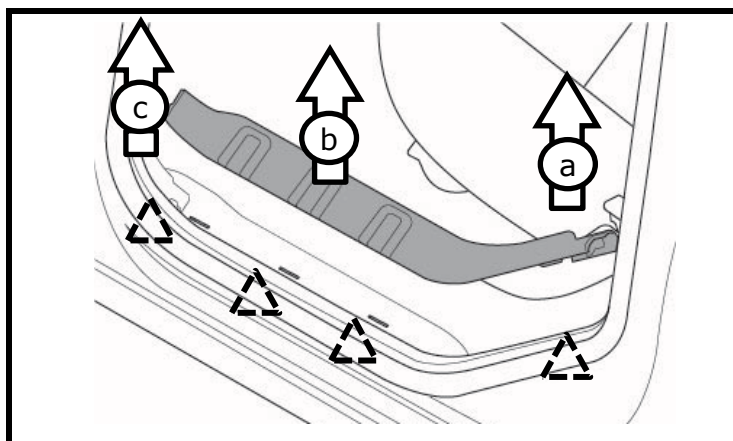
SECTION 3 - TRIM REMOVAL - FRONT

- 3.6) **If installing Rear Door Sill Plates (CC & DD),
continue to step 4.1**
- 3.7) **If installing only front non-illuminated Door
Sill Plates (AA & BB), skip to step 6.1**
- 3.8) **If installing only front Illuminated Kick Plates
(A & B), skip to step 7.1**

SECTION 4 - TRIM REMOVAL - REAR, CREW CAB ONLY



- 4.1) Remove LH Inner Kick Plate
- a) Locate LH inner kick plate assembly.



- 4.2) Remove LH Inner Kick Plate
- a) Using trim removal tool at rearward end of inner kick plate, pry inner kick plate up to disengage C-pillar trim clip.
 - b) Pull up at center with hands to disengage remaining 2 clips

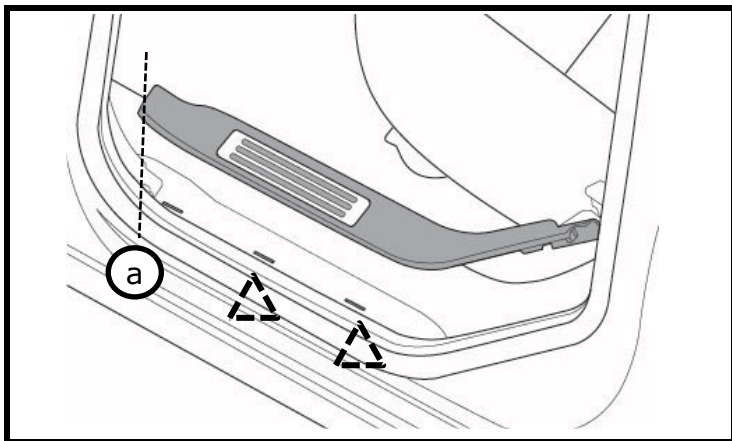
Clip



- c) Using trim removal tool at forward end of inner kick plate, pry inner kick plate up to disengage B-pillar trim clip.
- d) Discard inner kick plate.

- 4.3) Remove RH Inner Kick Plate
- a) Repeat steps 4.1 through 4.2 for RH (passenger) side.

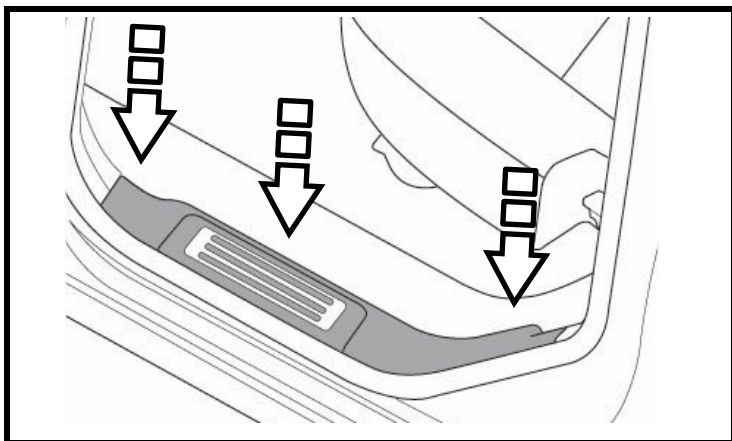
SECTION 5 - INSTALLATION PROCEDURE - REAR, CREW CAB ONLY



5.1) Install Kick Plate - LH

- a) Align forward edge lines with rear edge of B-Pillar trim.
- b) Align 2 clips in bottom of Kick Plate, Rear LH (CC) with clips in vehicle sill.

Clip



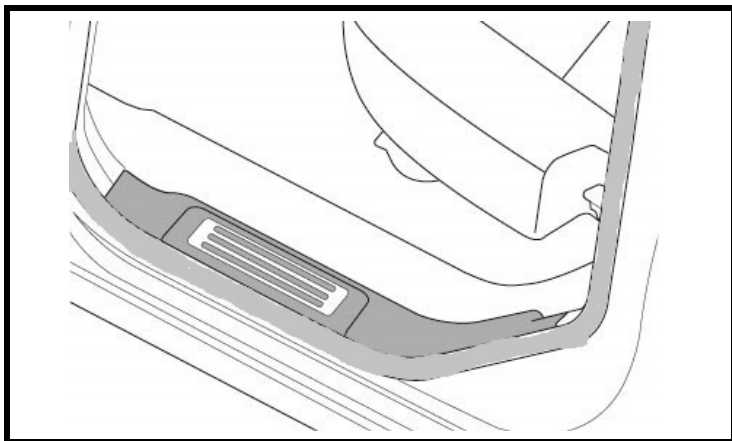
5.2) Install Kick Plate - LH

- a) Press down to fully engage all clips in Kick Plate, Rear LH (CC).



CAUTION

Use caution when applying pressure as the surface may dent.



5.3) Install Kick Plate - LH

- a) Check for proper fit to front and rear trim as well as weatherstrip.

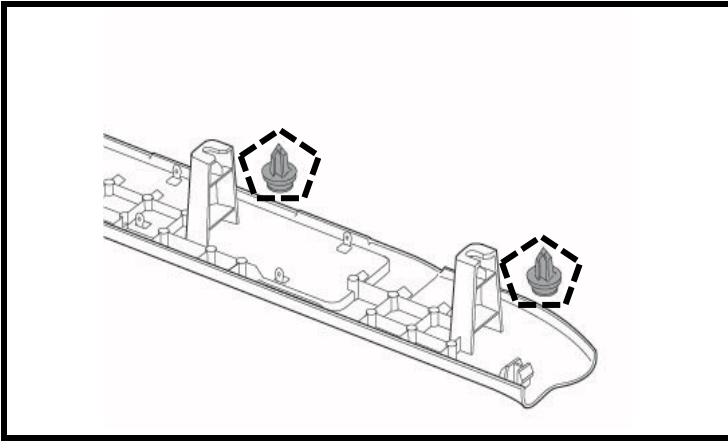
5.4) Install Kick Plate - RH

- a) Repeat steps 5.1 through 5.3 for RH (passenger) side.

5.5) If installing Illuminated Kick Plates (A & B), skip to step 7.1

5.6) If installing non-illuminated Door Sill Plates (AA & BB), continue to step 6.1

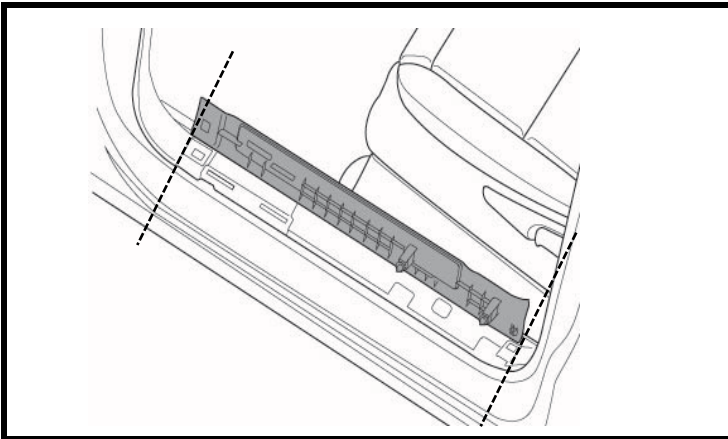
SECTION 6 - INSTALLATION PROCEDURE - FRONT, NON-ILLUMINATED ONLY



6.1) Install Kick Plate - LH

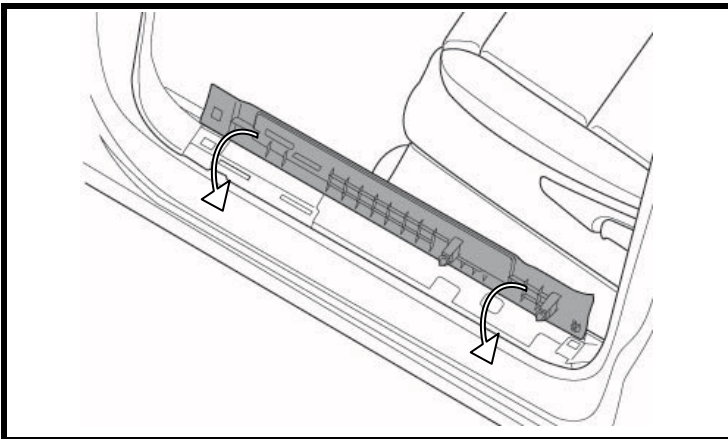
- a) Insert 2 Clip, plastic (F) into bottom of Door Sill Plate, Front LH (AA).

Clip, plastic (F)



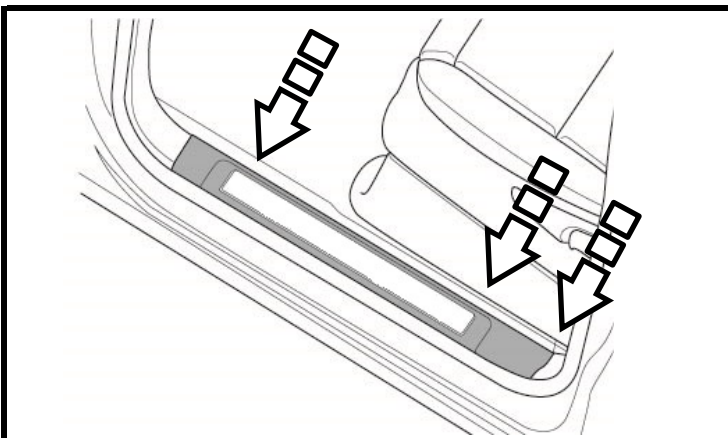
6.2) Install Kick Plate - LH

- a) Place Door Sill Plate, Front LH (AA) sideways along sill. Ends should line up with front and rear trim ends as shown.



6.3) Install Kick Plate - LH

- a) Rotate Door Sill Plate, Front LH (AA) down.
- b) Line up clips with holes in sheet metal



6.4) Install Kick Plate - LH

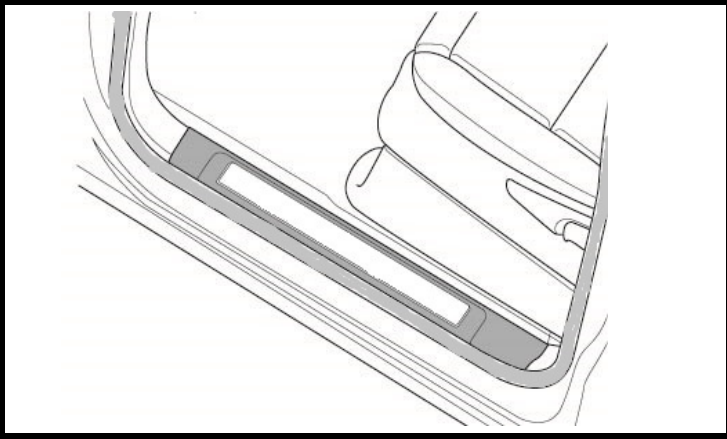
- a) Press down along rearward end of Door Sill Plate, Front LH (AA) until clips are fully seated.
- b) Press down to engage clips into B-Pillar trim.
- c) Lastly, press along forward end to engage remaining 3 clips at front.



CAUTION

Use caution when applying pressure as the surface may dent.

SECTION 6 - INSTALLATION PROCEDURE - FRONT, NON-ILLUMINATED ONLY



6.5) Install Kick Plate - LH

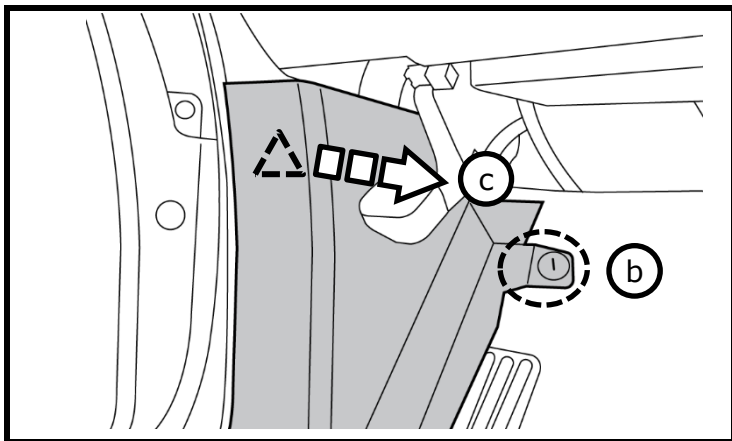
- a) Check for proper fit to front and rear trim as well as weatherstrip.

6.6) Install Kick Plate - RH

- a) Repeat steps 6.1 through 6.5 to install Door Sill Plate, Front RH (BB) on RH side.

6.7) **Skip to step 9.1**

SECTION 7 - ASC CONNECTION & FUNCTION CHECK - FRONT, ILLUMINATED ONLY



7.1) Remove LH trim

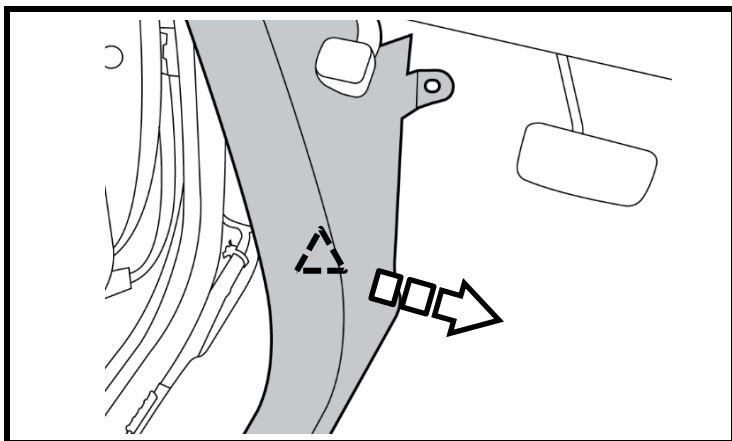
- a) Make sure Park Brake Pedal is in released (upward) position
- b) Remove trim fastener from lower kick trim with flat screwdriver

Trim Fastener



- c) Disengage upper trim pawl by pulling inboard as shown.

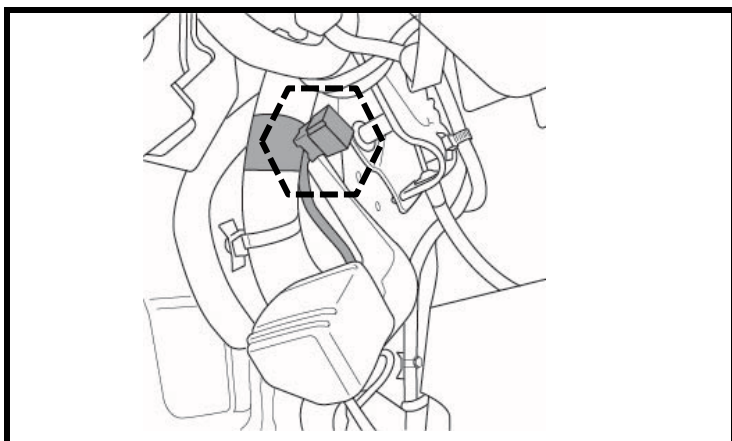
Pawl



7.2) Remove LH trim

- a) Disengage lower trim pawl by pulling inboard as shown.

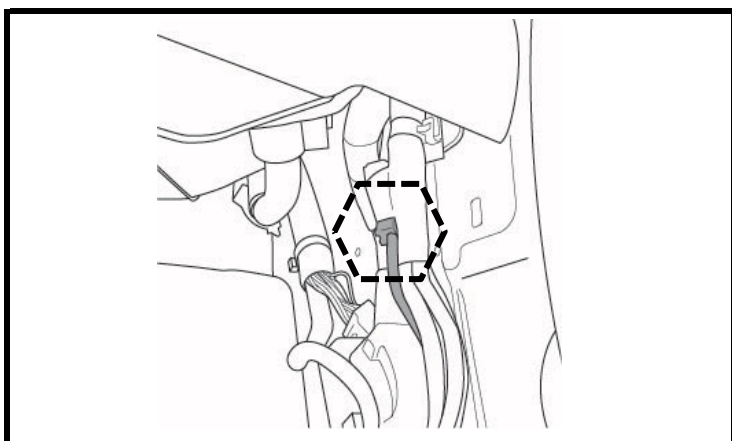
Pawl



7.4) Locate LH D-Opt connector

- a) Locate Dealer-Option connector taped to main harness bundle.

D-Opt Connector



7.5) Locate RH D-Opt connector

- a) Locate Dealer-Option connector taped to main harness bundle.

D-Opt Connector





CAUTION

- The 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 said connector being mentioned herein may result in damage to the accessory and/or your vehicle.
- 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

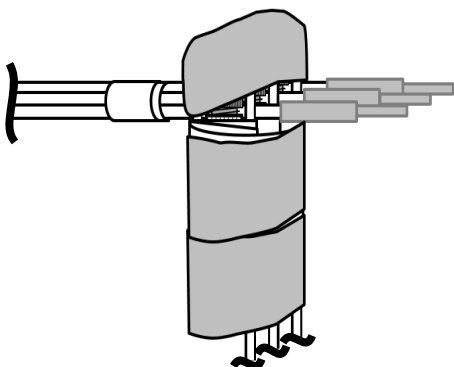


AAA

- 7.6) Connect ASC (AAA) to IKP, Front LH (A)
- For detailed directions, see Appendix A - Posi-Tap Procedure.
 - Additional circuit information is in Appendix B - Mechanization Drawing.

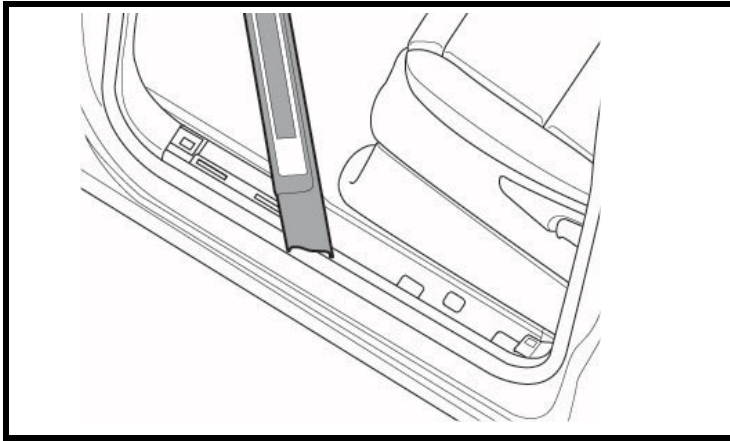
- 7.7) Connect ASC (AAA) to IKP, Front LH (A)
- Using a Posi-Tap (D), connect the BLACK IKP lead wire to the "ROOM_LAMP" (YELLOW wire) of the ASC (AAA) as shown.
 - Using a Posi-Tap (D), connect the RED IKP lead wire to the "BAT_SAVER" (PINK wire) of the ASC (AAA) as shown.

Posi Tap (D)



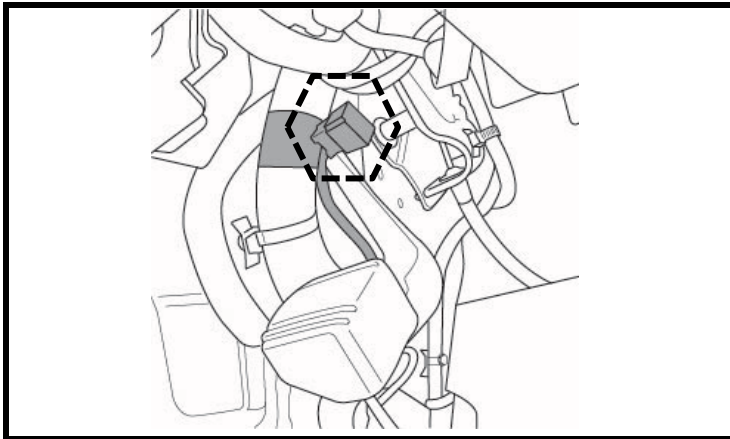
- 7.8) Connect ASC (AAA) to IKP, Front LH (A)
- Once the ASC is prepared as described in Appendix A, the IKP harness with ASC attached should look like this.

SECTION 7 - ASC CONNECTION & FUNCTION CHECK - FRONT, ILLUMINATED ONLY



7.9) Connect ASC (AAA) to IKP, Front LH (A)

- a) Place IKP on front carpet.



7.10) Connect ASC (AAA) to IKP, Front LH (A)

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

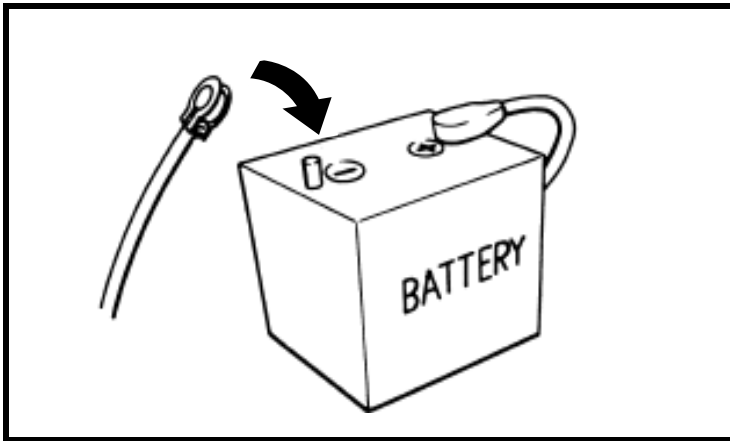
D-Opt Connector



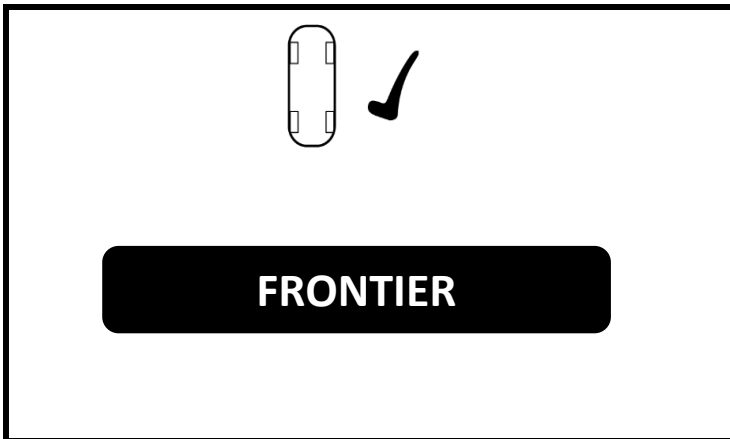
7.11) Connect ASC (AAA) to IKP, Front RH (B)

- a) Repeat steps 7.6 through 7.10 for the Illuminated Kick Plate, Front RH (B).

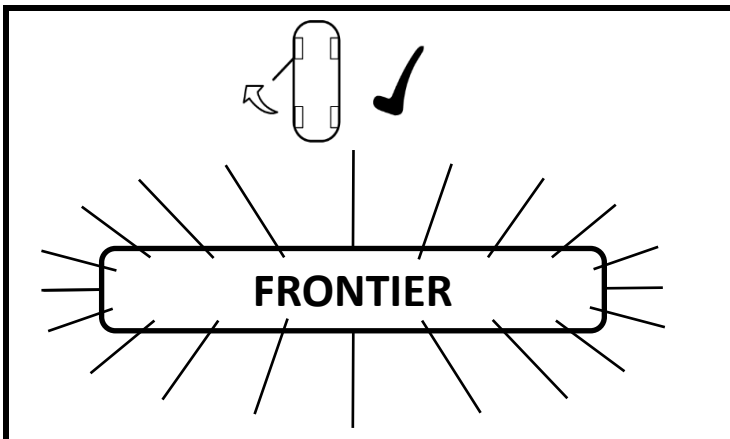
SECTION 7 - ASC CONNECTION & FUNCTION CHECK - FRONT, ILLUMINATED ONLY



- 7.12) Electrical function check
- a) Re-connect negative battery cable



- 7.13) Electrical function check
- b) Close all doors.
 - c) Confirm all Illuminated Kick Plates turn OFF when Room Lamp turns OFF.



- 7.14) Electrical function check
- a) Open front LH door.
 - b) Confirm all Illuminated Kick Plates turn ON .

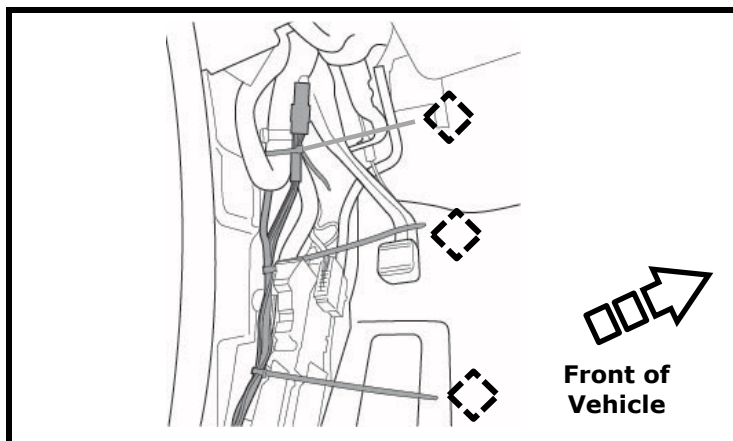
- 7.15) Electrical function check
- a) If NG, check fusing, harness routing, connections, and IKP to identify root cause.



CAUTION

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

SECTION 8 - INSTALLATION PROCEDURE - FRONT, ILLUMINATED ONLY



8.1) Secure wire harness - LH

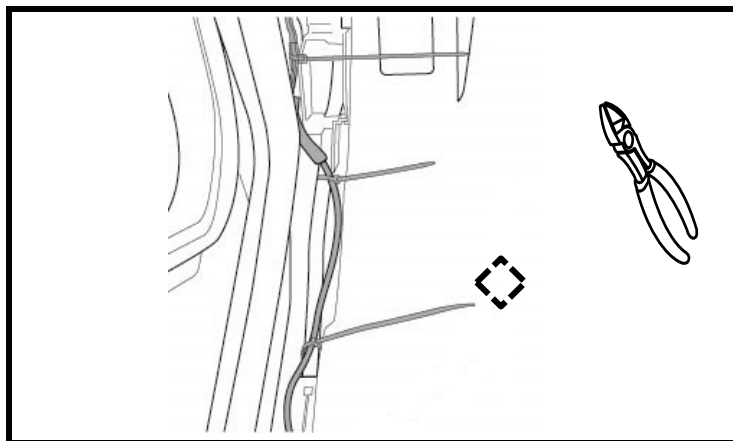
- a) Starting at the LH ASC, secure IKP harness to vehicle harness with 3 Cable Ties (C) as shown.

Cable Tie (C)



CAUTION

DO NOT secure the wiring to water drain or washer fluid tubing.



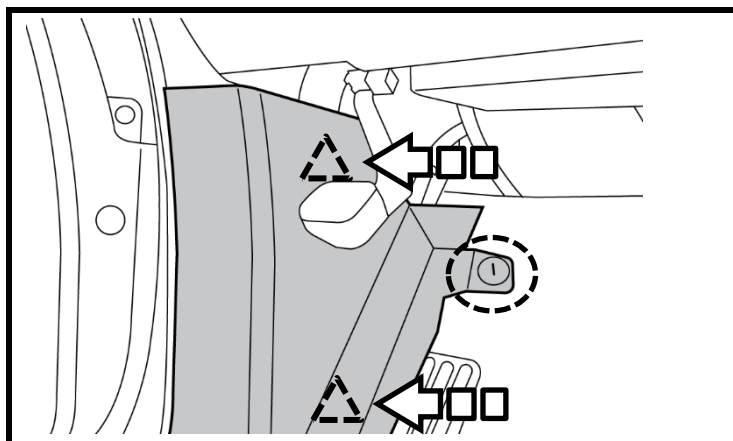
8.2) Secure wire harness - LH

- a) Secure IKP harness to vehicle harness with 1 Cable Tie (C) as shown.

Cable Tie (C)



- b) Cut excess length from all LH cable ties with wire cutting pliers.
- c) Verify all wiring is secure.



8.3) Replace Lower Kick Trim - LH

- a) Engage upper trim pawl by pressing as shown.
- b) Engage lower trim pawl by pressing as shown.

Pawl

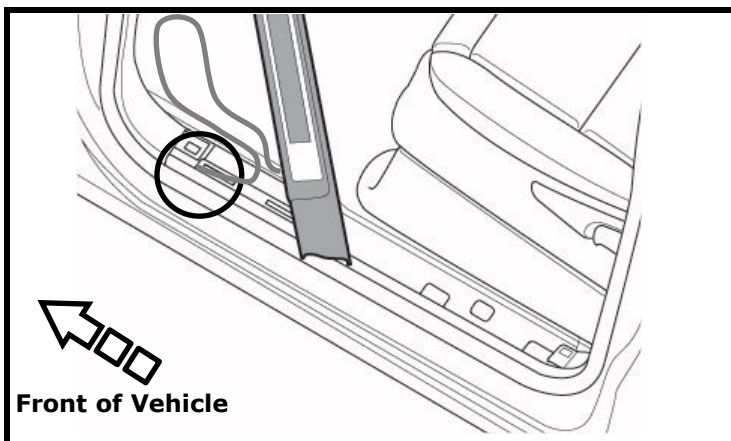


- c) Replace trim fastener to lower kick trim by pressing with hand.

Trim Fastener

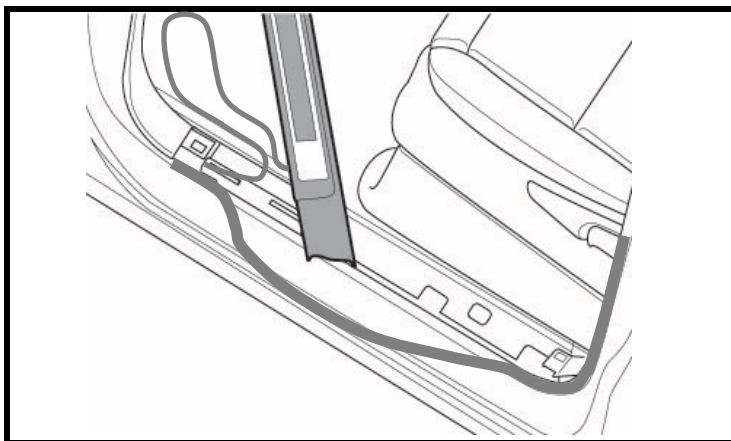


SECTION 8 - INSTALLATION PROCEDURE - FRONT, ILLUMINATED ONLY



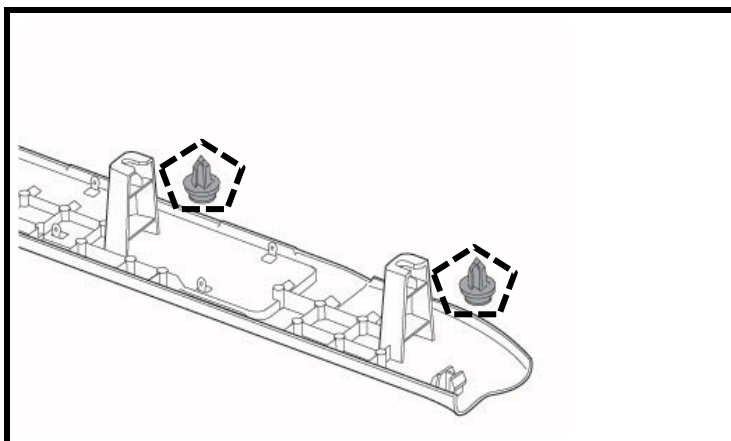
8.4) Route Wire Harness - LH

- a) Check that harness exits from the lower kick trim in the area shown.



8.5) Route Wire Harness - LH

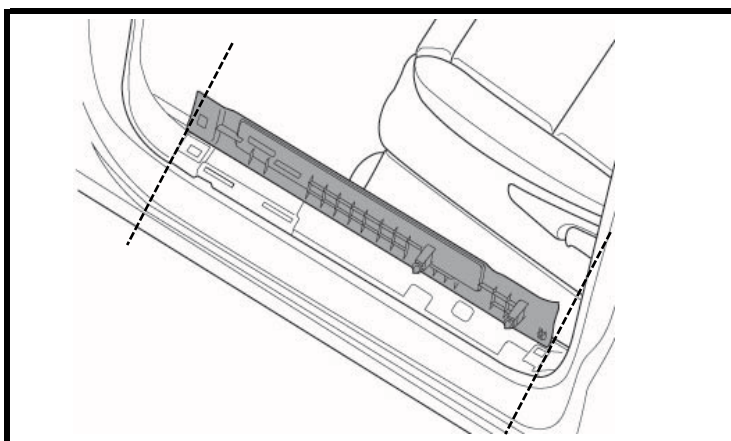
- a) Pull up on front LH door sill weatherstrip along bottom edge between front and rear trim as shown.



8.6) Install Kick Plate - LH

- a) Insert 2 Clip, plastic (F) into bottom of Illuminated Kick Plate, Front LH (A).

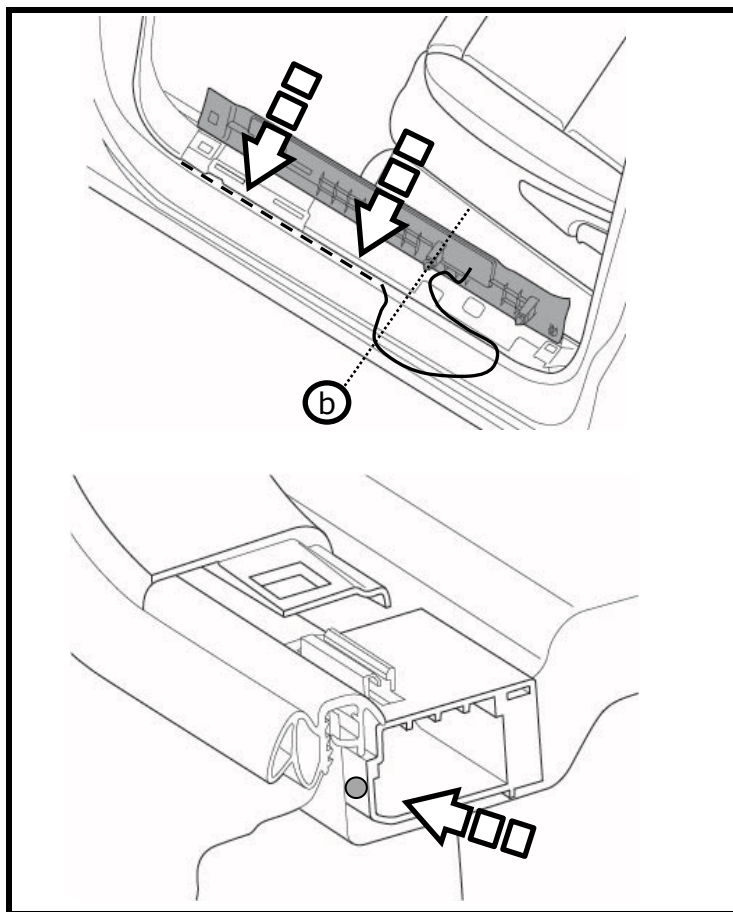
Clip, plastic (F)



8.7) Route Wire Harness - LH

- a) Place Illuminated Kick Plate, Front LH (A) sideways along sill. Ends should line up with front and rear trim ends as shown.

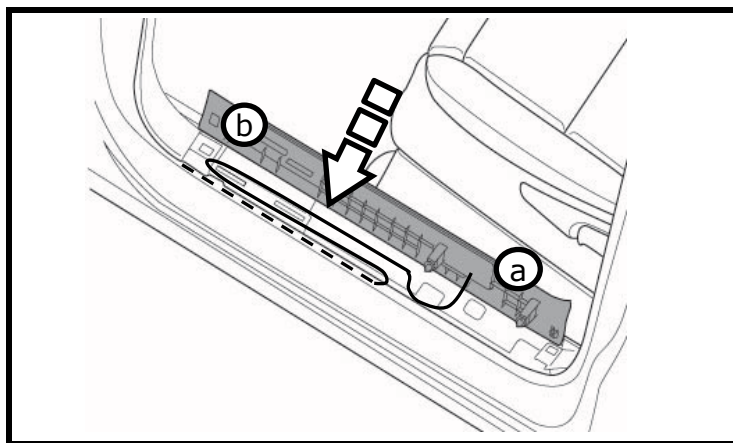
SECTION 8 - INSTALLATION PROCEDURE - FRONT, ILLUMINATED ONLY



8.8) Route Wire Harness - LH

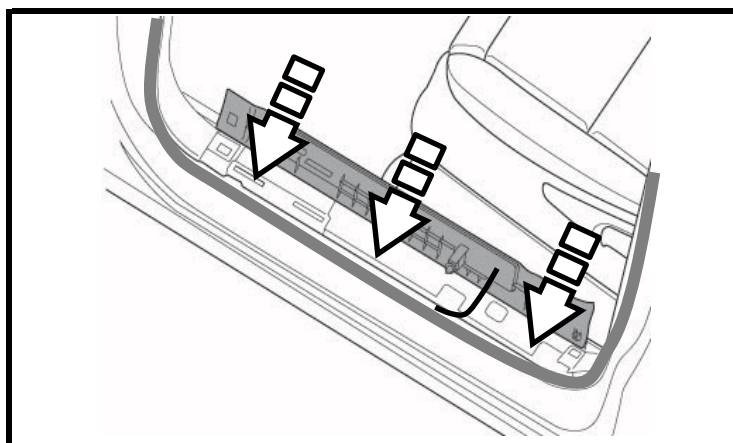
- a) Beginning at forward end of harness, press harness down into channel along door sill flange with harness routing toward the rear of the vehicle (see dashed line).
- b) Stop before crossing the forward clip hole.

- c) This cross-sectional view shows the correct routing of the harness in the channel along door sill flange.



8.9) Route Wire Harness - LH

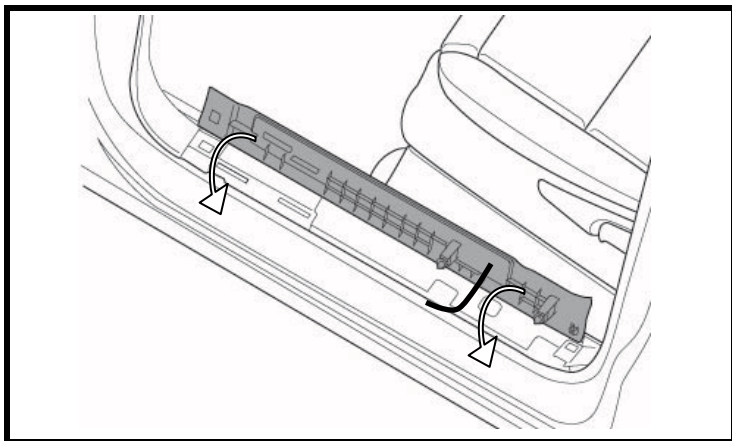
- a) Beginning at IKP end of harness, route harness from the exit of the IKP into the channel.
- b) Loop the harness and press full length down into the channel.



8.10) Route Wire Harness - LH

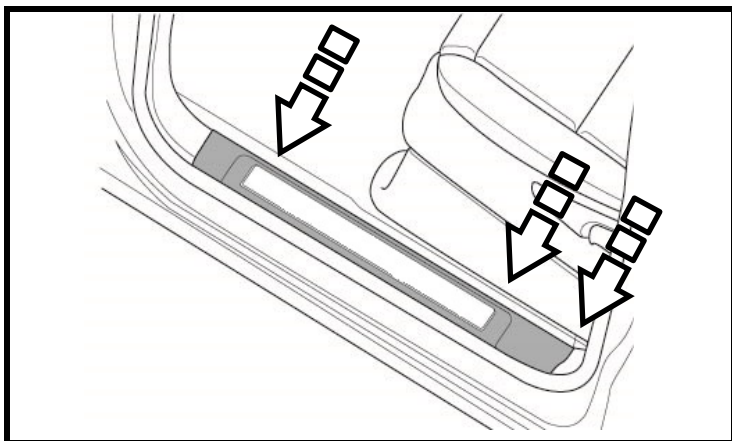
- a) Firmly press weatherstrip back down along length of door.

SECTION 8 - INSTALLATION PROCEDURE - FRONT, ILLUMINATED ONLY



8.11) Install Kick Plate - LH

- a) Rotate Illuminated Kick Plate, Front LH (A) down.
- b) Check that harness does not get pinched between clips.
- c) Line up clips with holes in sheet metal



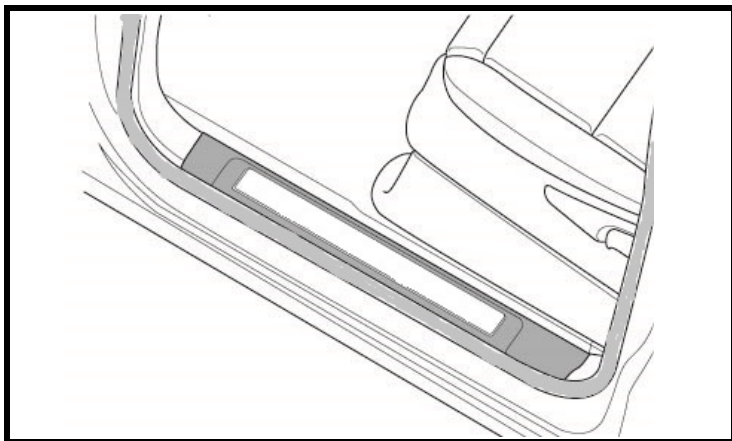
8.12) Install Kick Plate - LH

- a) Press down along rearward end of Illuminated Kick Plate, Front LH (A) until clips are fully seated.
- b) Press down to engage clips into B-Pillar trim.
- c) Lastly, press along forward end to engage remaining 3 clips at front.



CAUTION

Use caution when applying pressure as the surface may dent.



8.13) Install Kick Plate - LH

- a) Check for proper fit to front and rear trim as well as weatherstrip.

8.14) Install Kick Plate - RH

- a) Repeat steps 8.1 through 8.13 to install Illuminated Kick Plate, Front RH (B) on RH side.



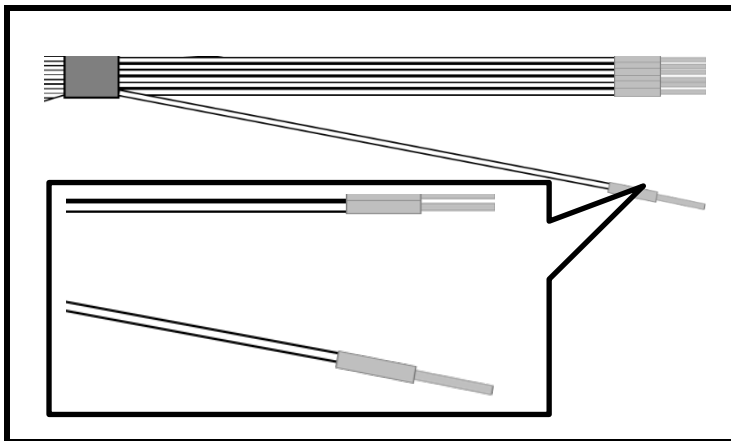
CAUTION

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.

9.1) Complete checklist:

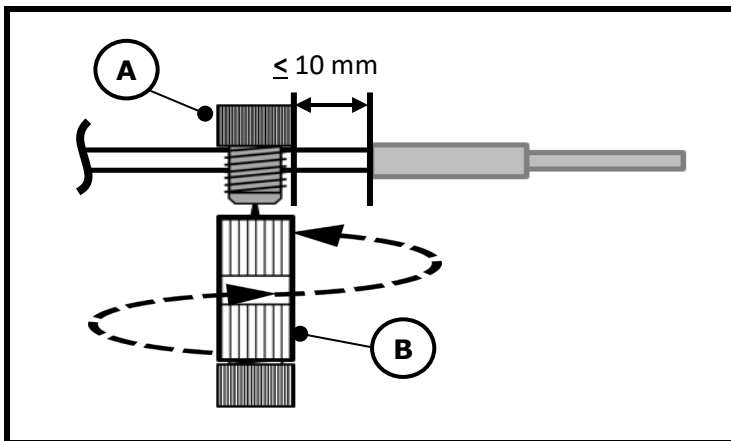
- ☐ Tighten battery terminal nut to 5 Nm
- ☐ Verify re-installed trim parts for proper fit (no gap, waviness, etc.), particularly the door sill weather strip.
- ☐ Verify all windows and sunroof (if equipped), one touch operation and perform the reset procedure if necessary. Refer to the vehicle Service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

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.



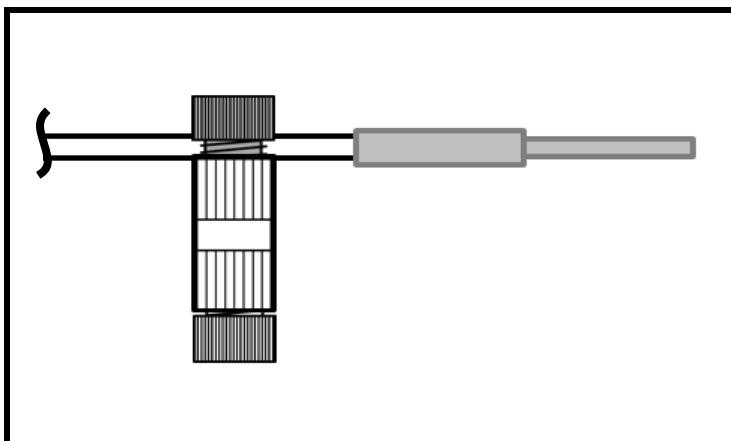
A.2) Installing Posi-Tap™ on ASC (AAA)

- Remove pierce cap (A) gray side from tap body
- 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.



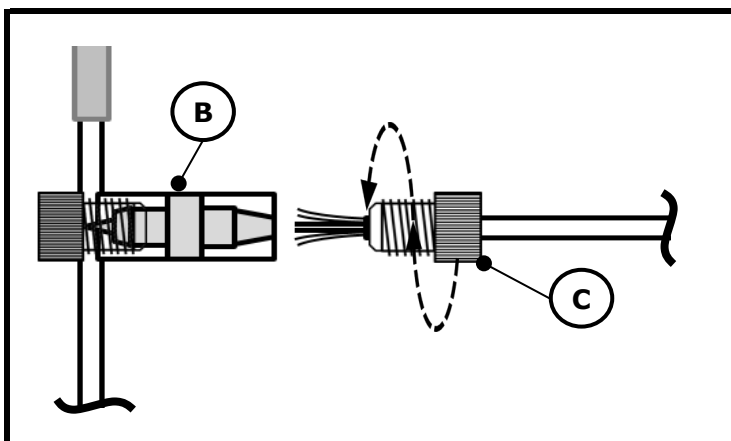
CAUTION

Do not overtighten Posi-Tap, it may damage wire



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

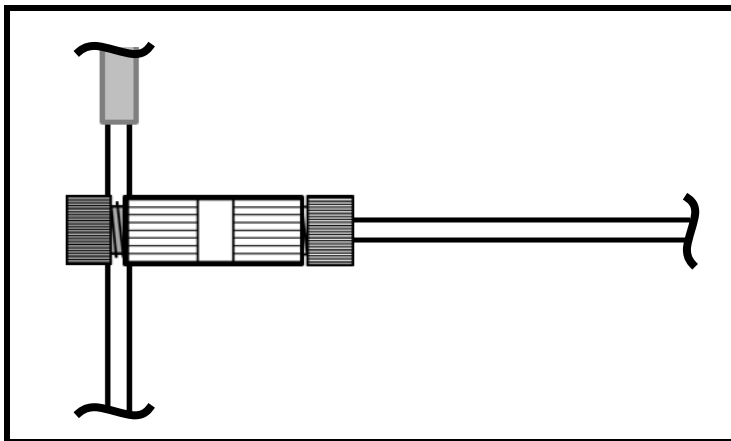
- Inspect Posi-Tap™ to ensure correct installation.
- Wire jacket should be crushed enough to maintain pressure.
- Confirm tap cap gap is straight and evenly spaced around perimeter.



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

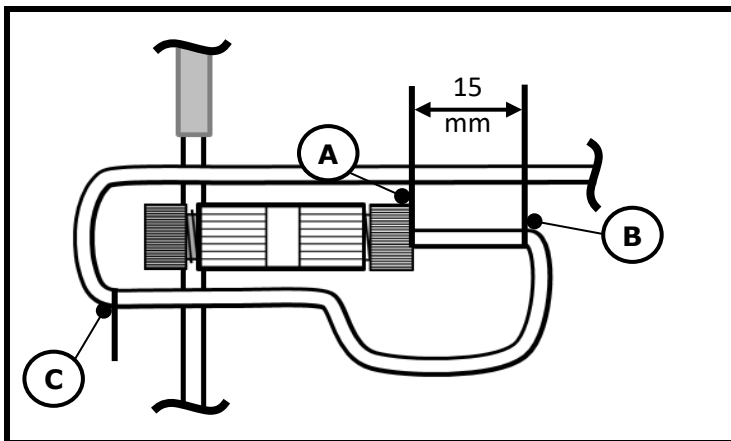
- Remove tap bottom (C) red side from tap body (B).
- Remove the pre cut insulation from correct Accessory wire.
- Insert wire through tap bottom (C) opening.
- Fan out individual wire strands as shown.
- Insert wire into tap body until it bottoms out.
- Turn tap bottom (C) clockwise until finger "tight".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

APPENDIX A - POSI-TAP PROCEDURE



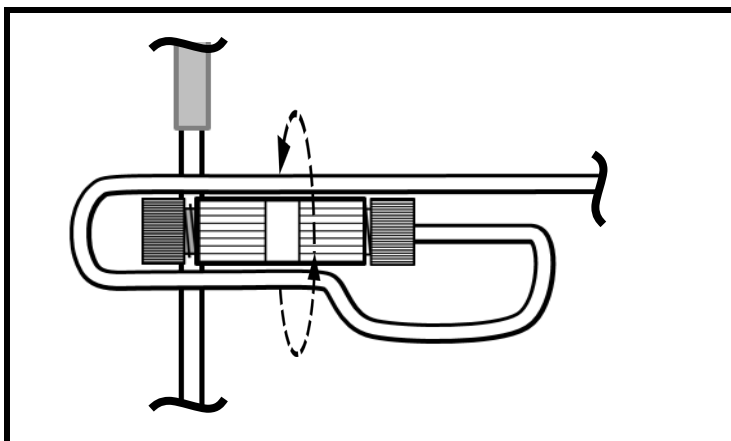
A.5) Installing accessory wire into Posi-Tap™

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



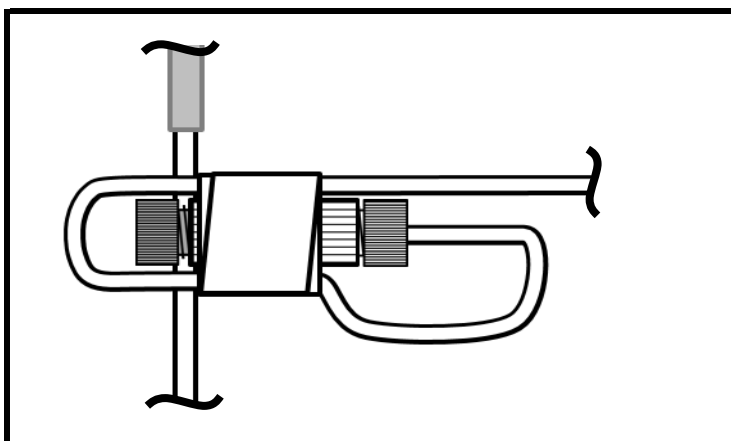
A.6) Accessory wire strain relief

- 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).



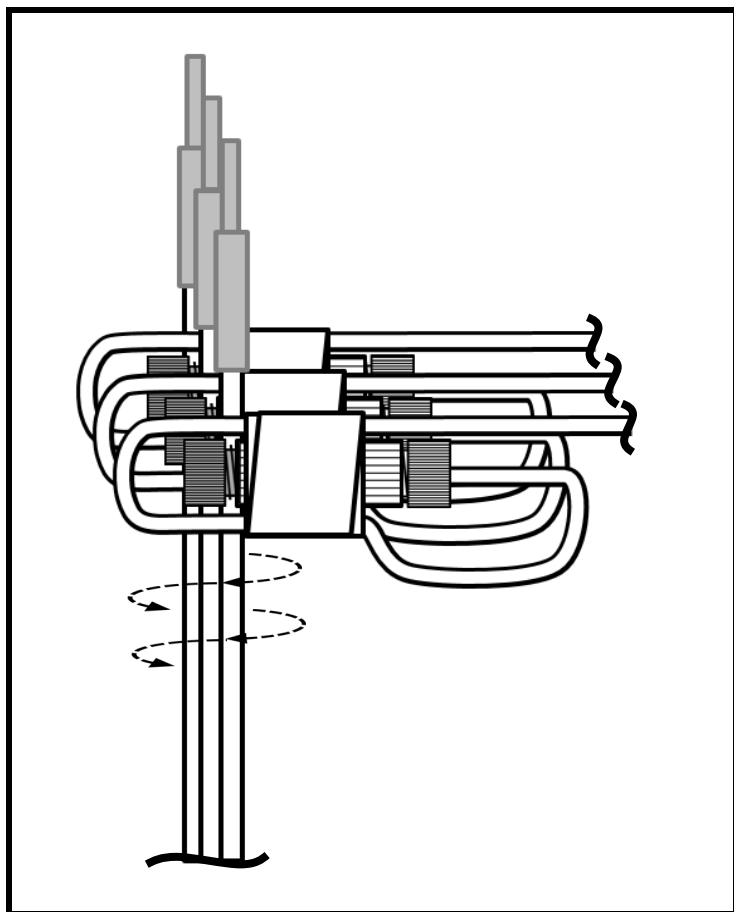
A.8) Accessory wire strain relief

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

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

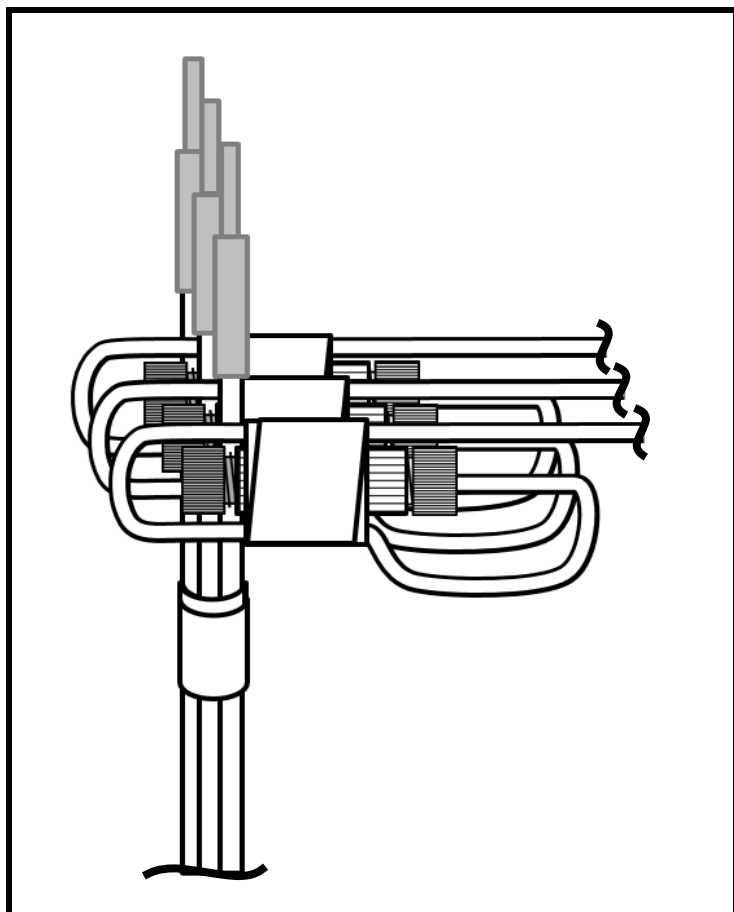
- a) Repeat steps A.1 - A.8 for all other wires requiring a Posi-Tap™.

APPENDIX A - POSI-TAP PROCEDURE



A.10) Securing multiple Posi-Taps™ together

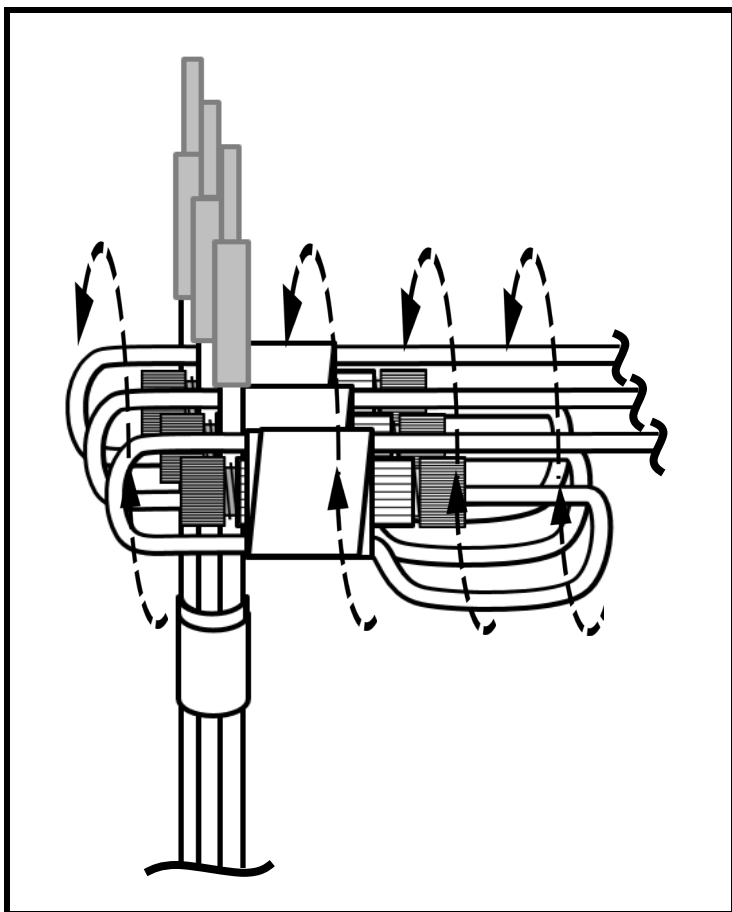
- a) Stack Posi-Taps™ in slightly staggered fashion as shown.
- b) Secure tapped circuits together with electrical tape (≥ 2 revolutions).



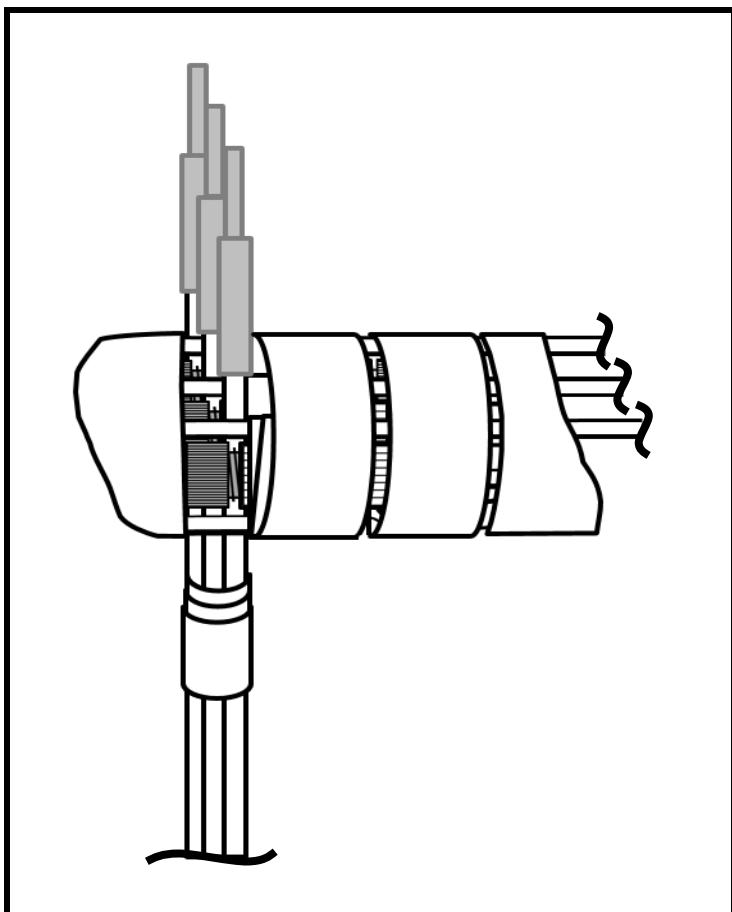
A.11) Securing multiple Posi-Taps™ together

- a) Once tapped circuits are secured together with electrical tape they should look as shown.

APPENDIX A - POSI-TAP PROCEDURE

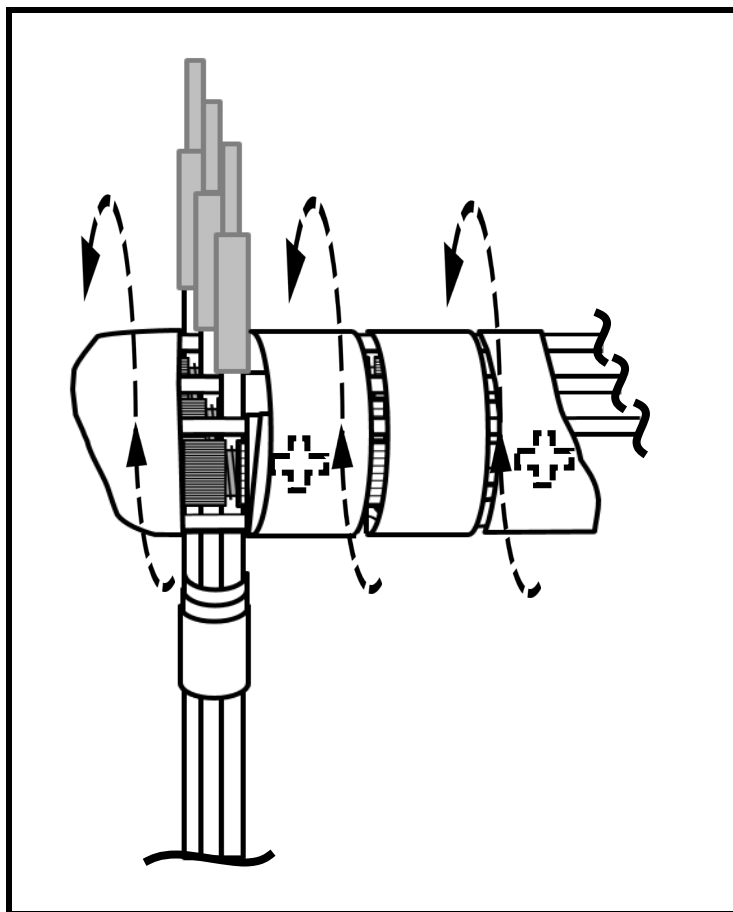


- A.12) Securing multiple Posi-Taps™ together
- a) Secure Posi-Taps™ together with electrical tape (≥ 4 revolutions).



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

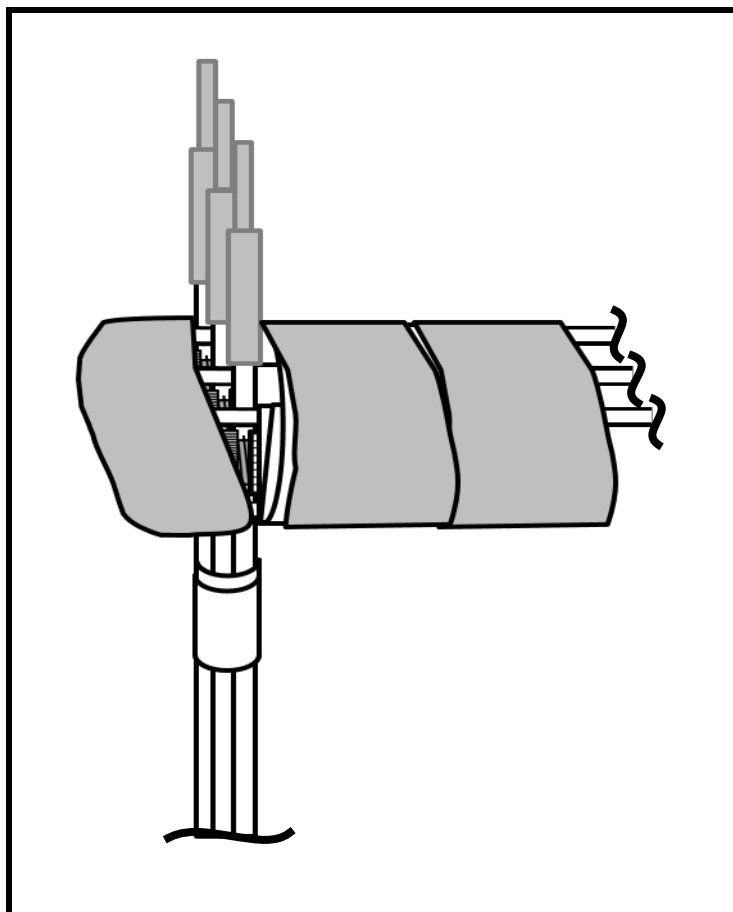
APPENDIX A - POSI-TAP PROCEDURE



A.14) Securing multiple Posi-Taps™ together

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

Foam Tape (E)

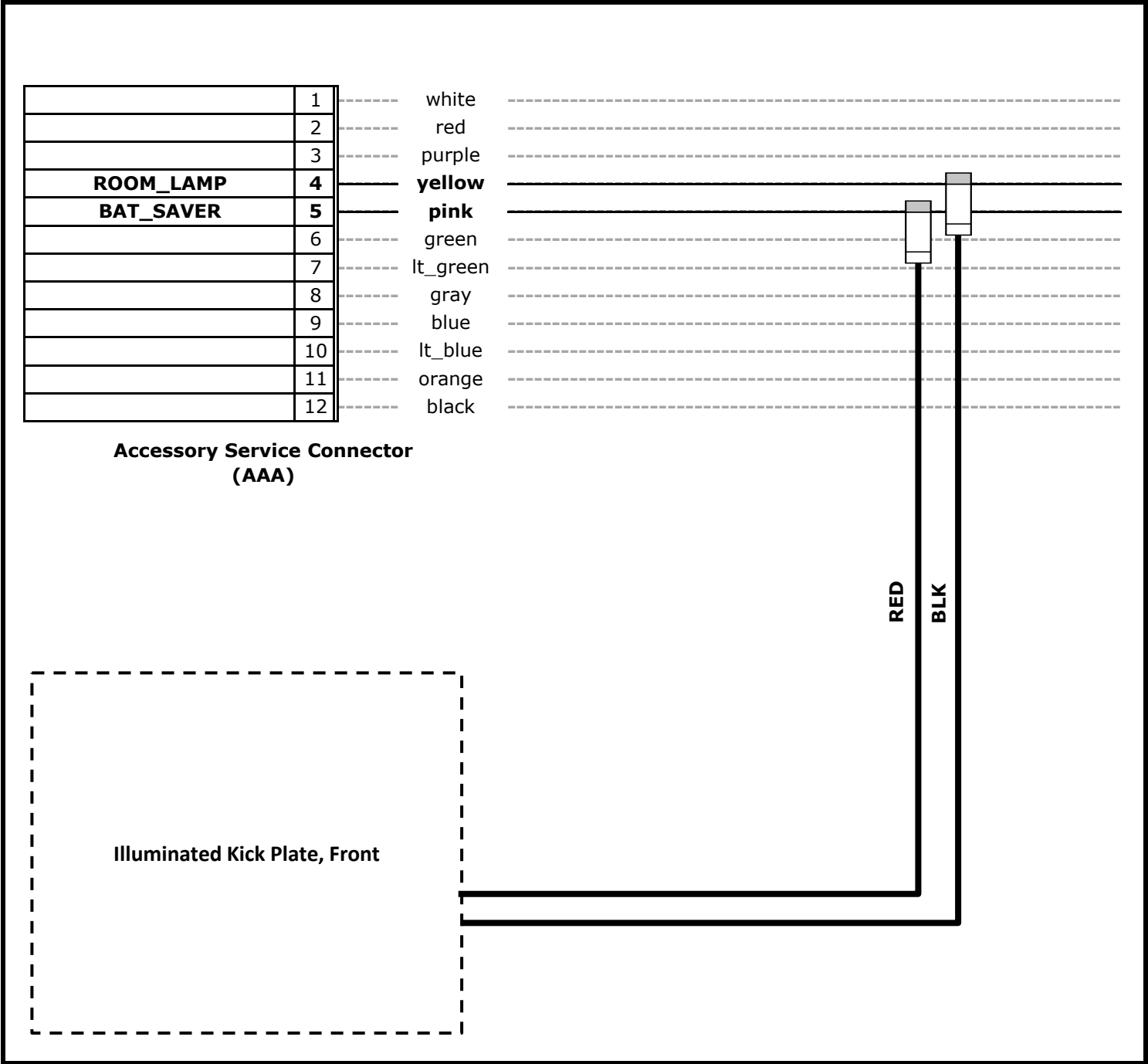



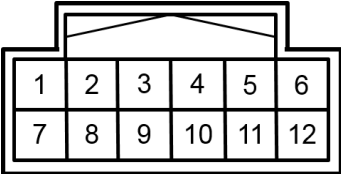
A.15) Securing multiple Posi-Taps™ together


- 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 Illuminated Kick Plates connected to the LH and RH ASC



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

LEGEND	
	GRAY - CIRCUIT TAP (PIERCE) SIDE
	RED - ACCESSORY (INSERT) SIDE
Note: Pin location is referenced looking into harness side of connector with lock tab oriented as shown.	