



GENUINE PARTS

INSTALLATION INSTRUCTIONS

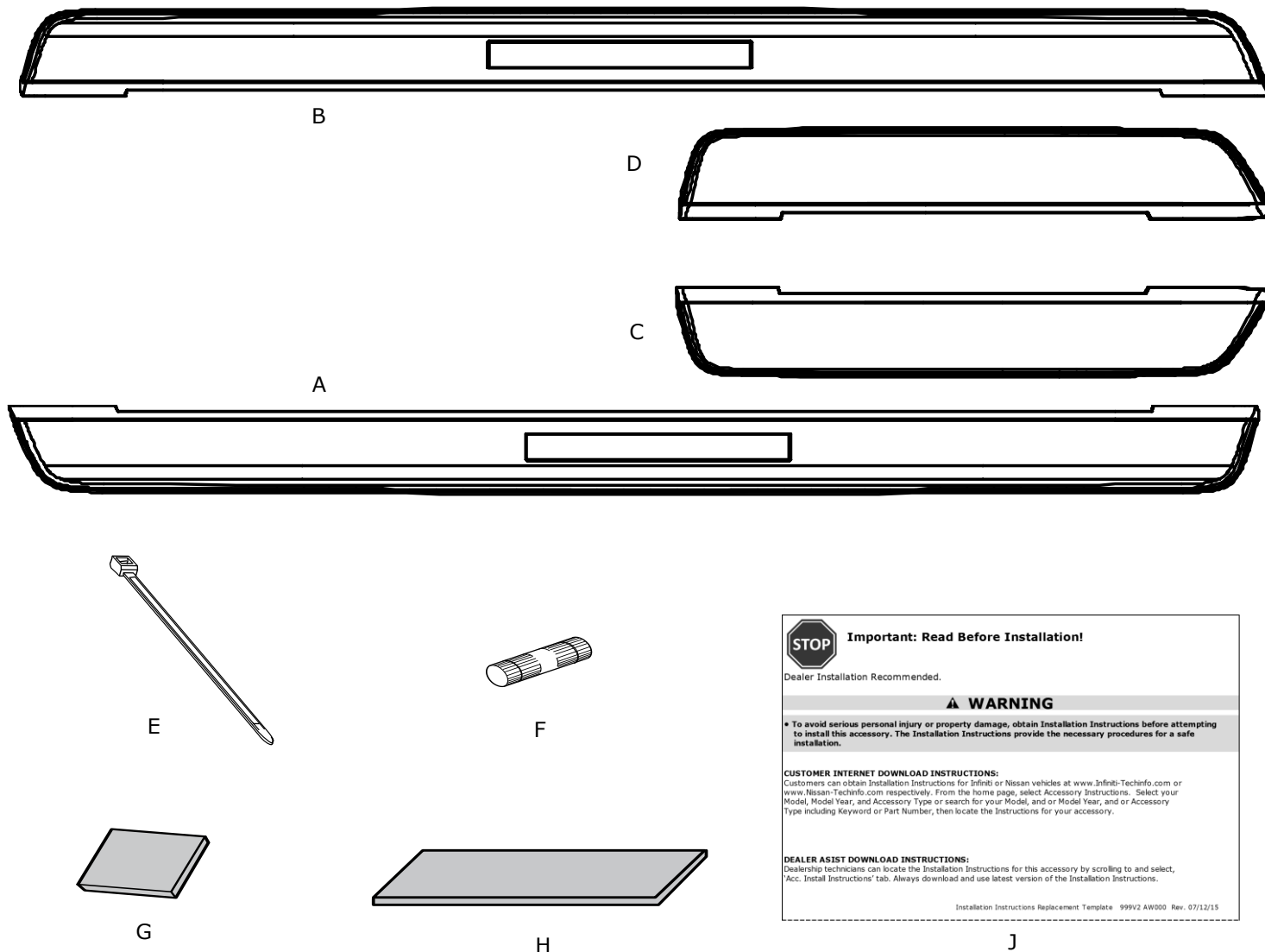
DESCRIPTION: Illuminated Kick Plate Kit

APPLICATION: Altima

PART NUMBER(S) T99G6 6CA00, Illuminated Kick Plate Kit

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

KIT CONTENTS: Illuminated Kick Plate Kit



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 6CA00
B	1	Illuminated Kick Plate, Front RH	
C	1	Kick Plate, Rear LH	
D	1	Kick Plate, Rear RH	
E	15	Cable Tie	
F	4	Posi-Tap™ Connector	
G	4	Foam Tape, Black, 40 x 40 x 1 mm	
H	8	Foam Tape, Gray, 100 x 45 x 2 mm	
J	1	Installation Instruction Website Address	

TOOLS REQUIRED:

- Ratchet, 1/4" drive
- Socket, 10mm, 1/4" drive
- Torque Wrench, 1/4" drive
- Scissors
- Work Light
- Masking Tape
- Pliers, Wire Cutting
- Ruler
- Electrical Tape
- Trim Removal Tool, Nylon
- 50% Alcohol/50% Water Solution
- Cloth, Soft Non-Linting

INSTALLATION CAUTIONS:

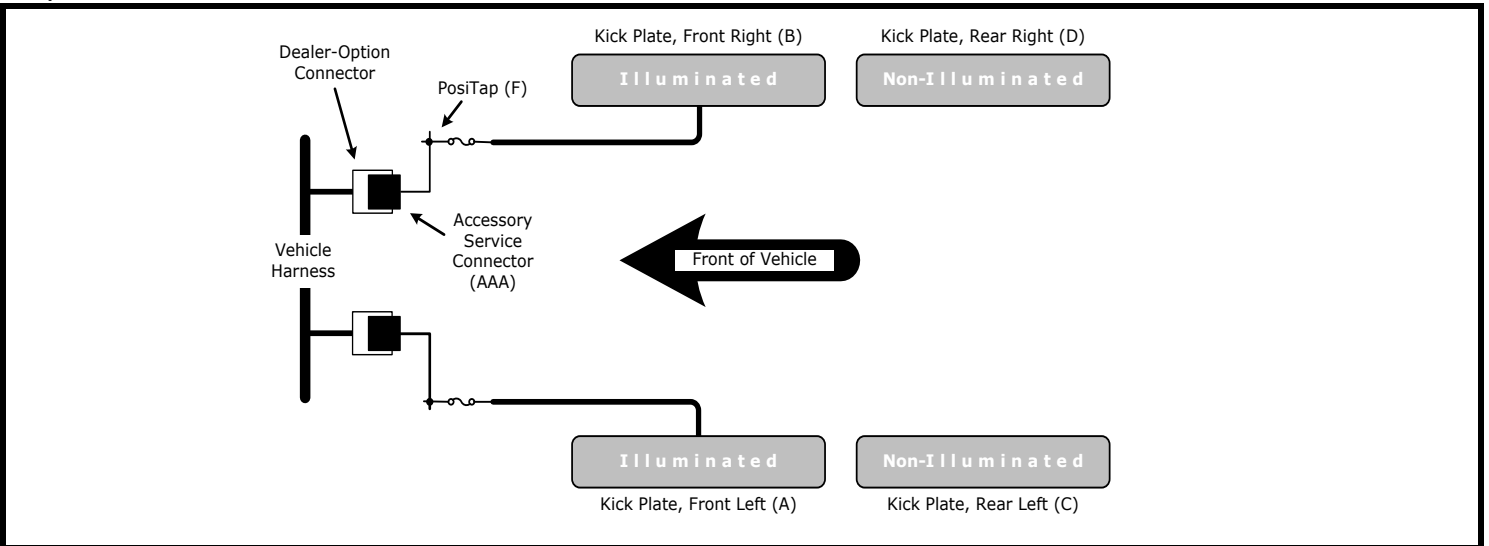


CAUTION

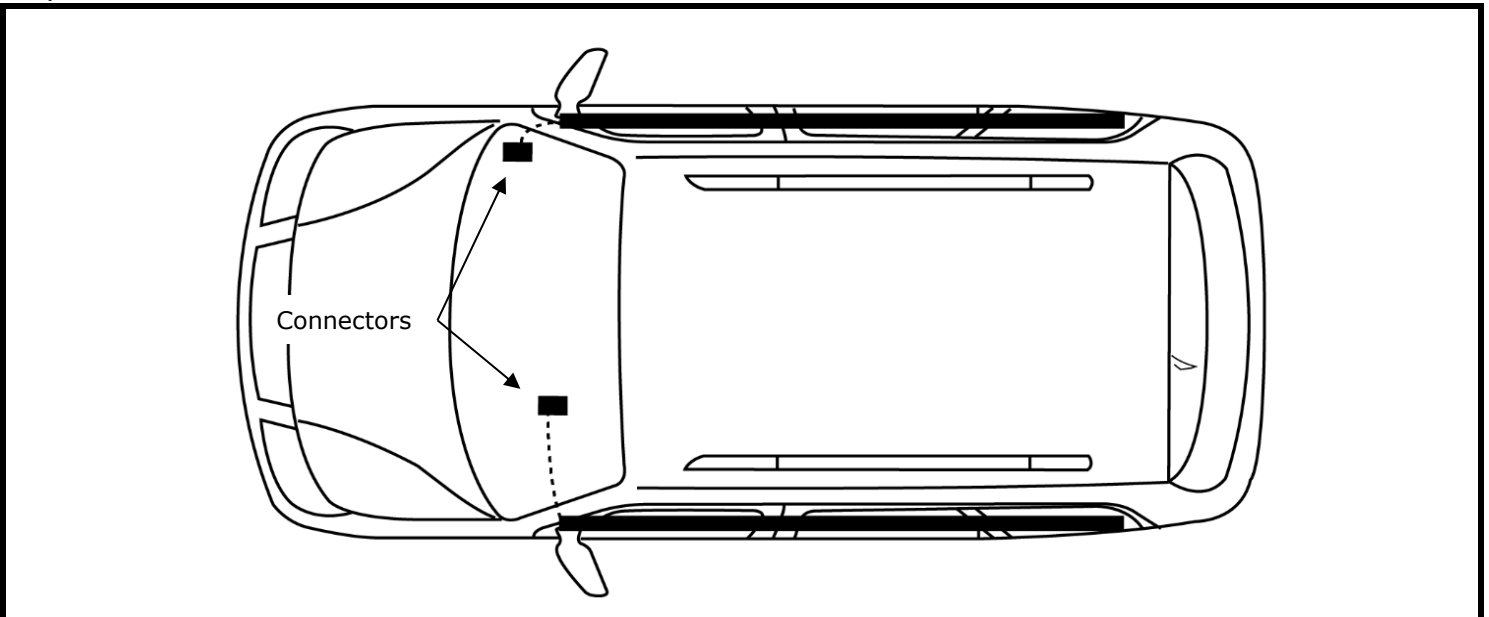
- Dealer installation recommended. Instructions may refer to Service Manual.
- Please read this instruction carefully before installing this product for correct installation.
- Please DO NOT use or install the part in ways other than what is described.
- Always use floor, seat and steering wheel protection.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

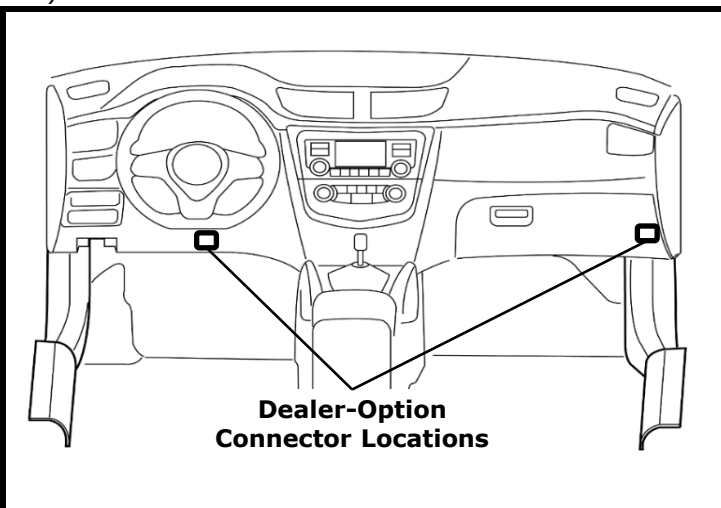
1.1) SYSTEM



1.2) VEHICLE



1.3) D-OPT CONNECTOR LOCATION

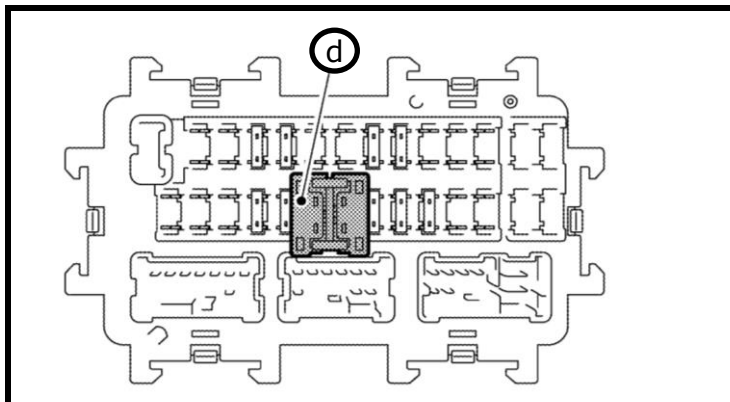




CAUTION

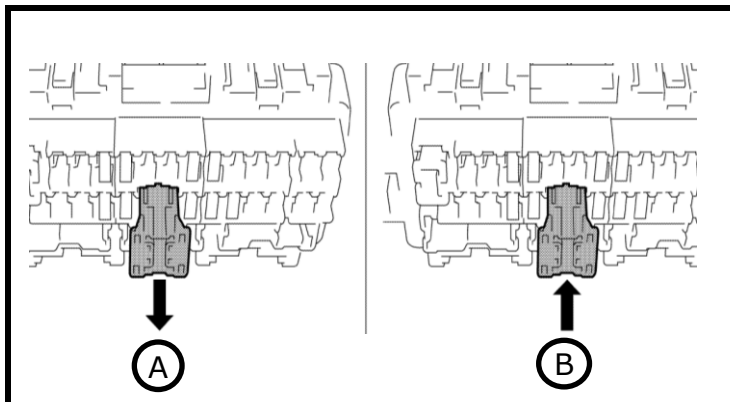
• Always confirm the ignition is in the "OFF" position before changing the E.S.S. position.

• 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

- 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)	

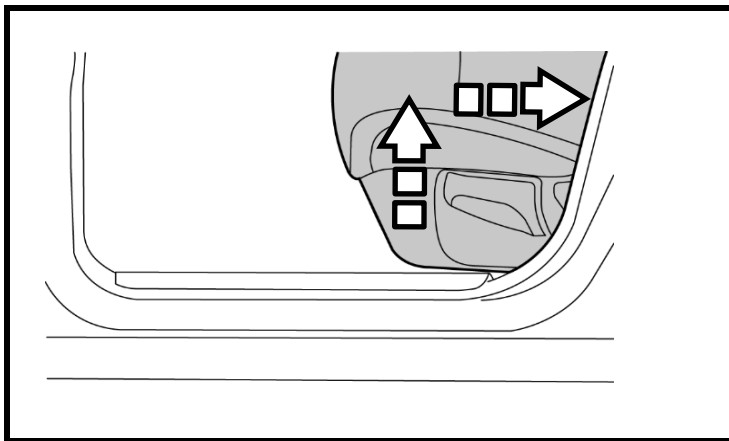
2.3) Record Customer Presets

- 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

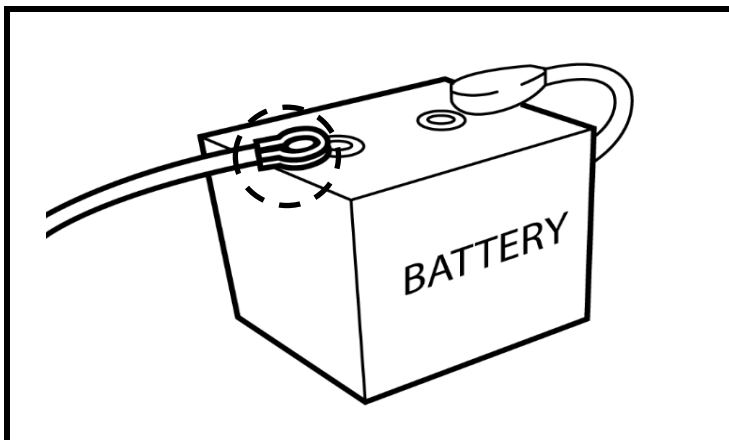
- c) Place ignition in "OFF" mode.

SECTION 2 - VEHICLE PREPARATION



2.4) Move seats.

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



2.5) Disconnect battery terminal

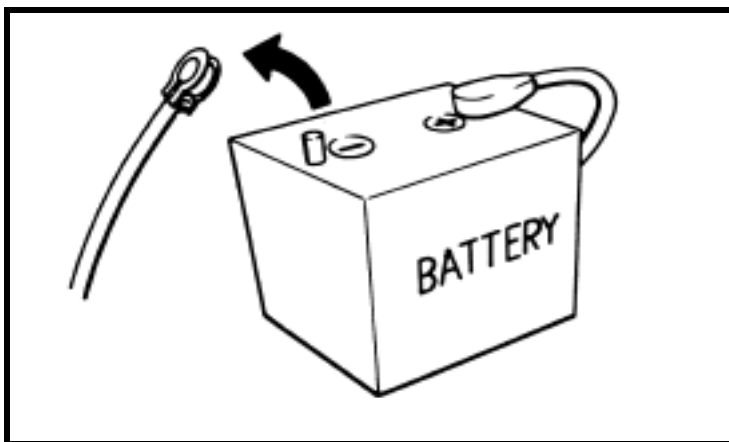
- a) Locate negative battery terminal.
- b) Loosen nut with 10mm socket

Battery Terminal Nut



⚠ CAUTION

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



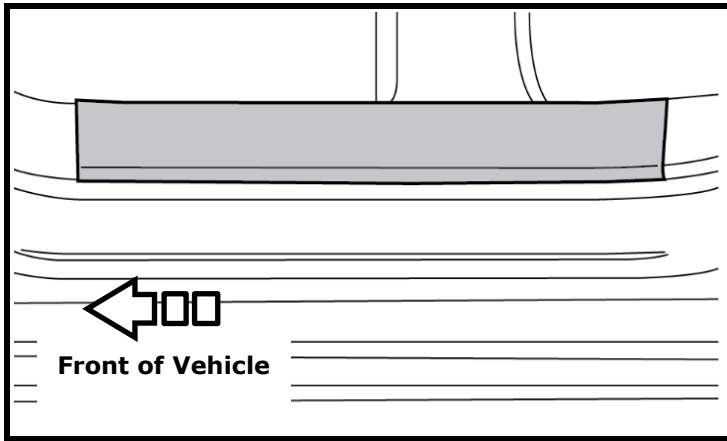
2.6) Disconnect battery terminal

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

⚠ CAUTION

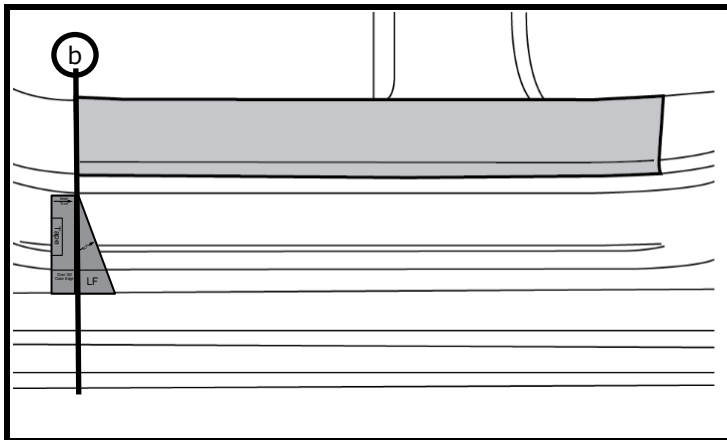
- Allow 3 min after negative terminal disconnect before separating any electrical connectors.

SECTION 3 - TRIM REMOVAL, FRONT



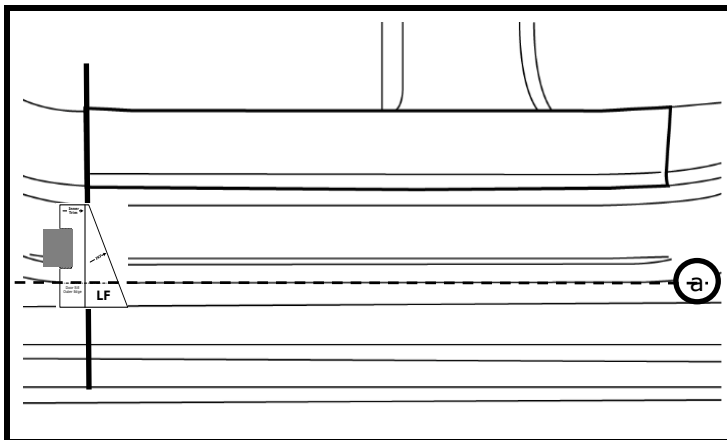
3.1) Remove LH trim

- a) Locate LH inner sill plate assembly.



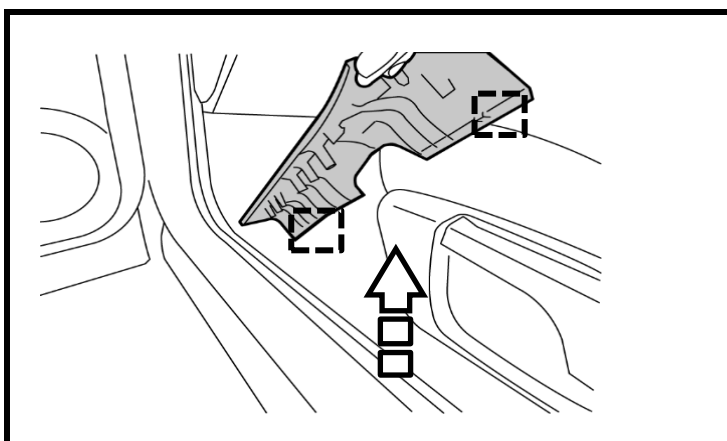
3.2) Install location template on LH Front Door Sill

- a) Using scissors, cut out LH Front paper template from Appendix C.
- b) Line up large solid line on template with front edge of inner sill plate.



3.3) Install location template on LH Front Door Sill

- a) Line up thin dotted line on template with outboard edge of door sill.
- b) Attach template to door sill with masking tape as shown.



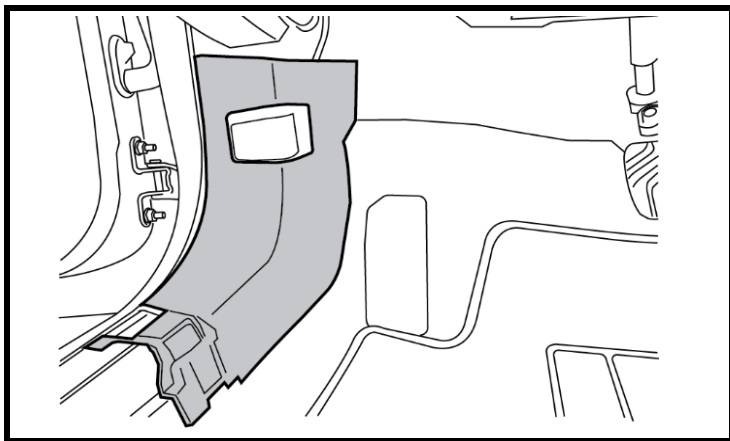
3.4) Remove LH trim

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

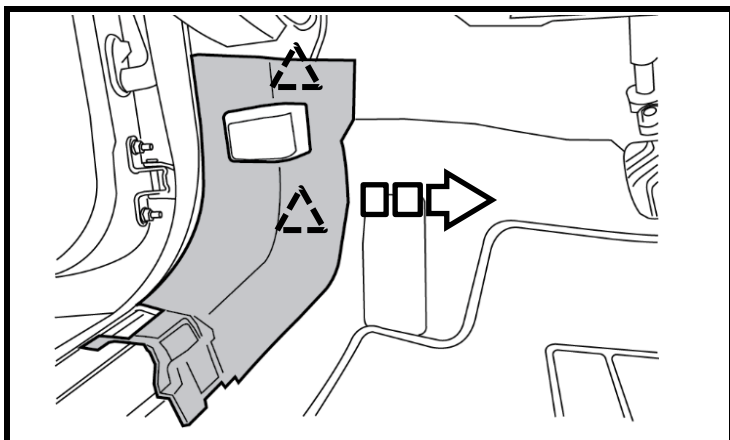
Trim Clip



SECTION 3 - TRIM REMOVAL, FRONT

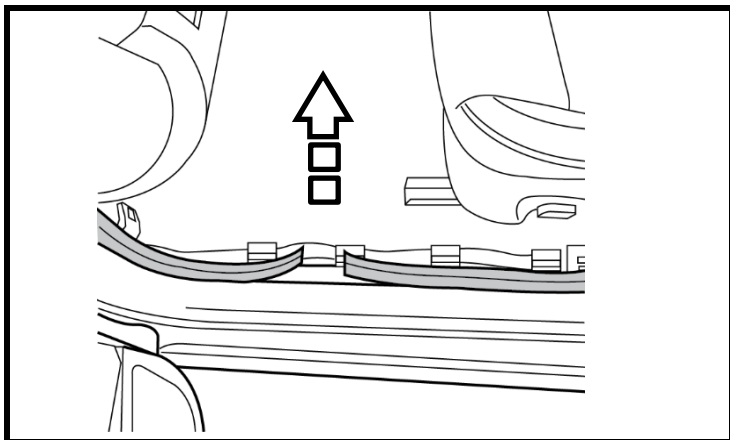


- 3.5) Remove LH trim
a) Locate LH lower kick trim.



- 3.6) Remove LH trim
a) Disengage kick trim pawls by pulling toward interior of vehicle as shown.

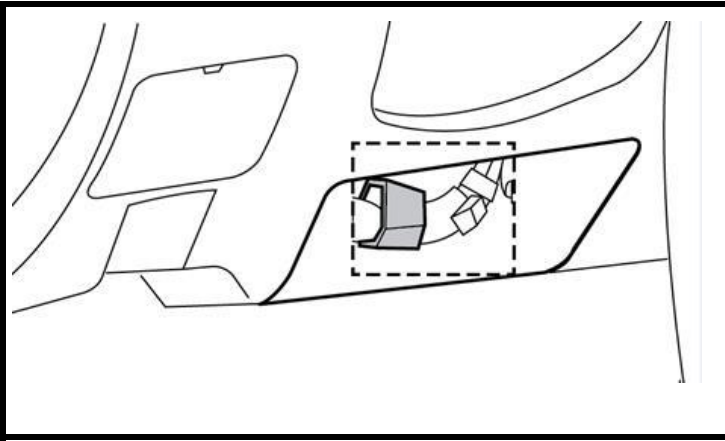
Pawl



- 3.7) Remove LH trim
a) Pull up on front LH door sill weatherstrip along bottom edge as shown.

- 3.8) Remove RH trim
a) Repeat steps 3.1 through 3.7 for RH (passenger) side.

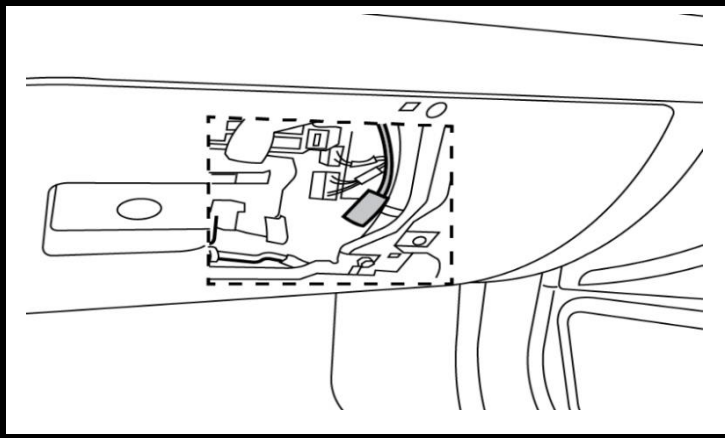
SECTION 3 - TRIM REMOVAL, FRONT



3.9) Locate LH D-Opt connector

- a) Locate Dealer-Option connector taped to main harness bundle under the steering column near the OBD connector.

D-Opt Connector



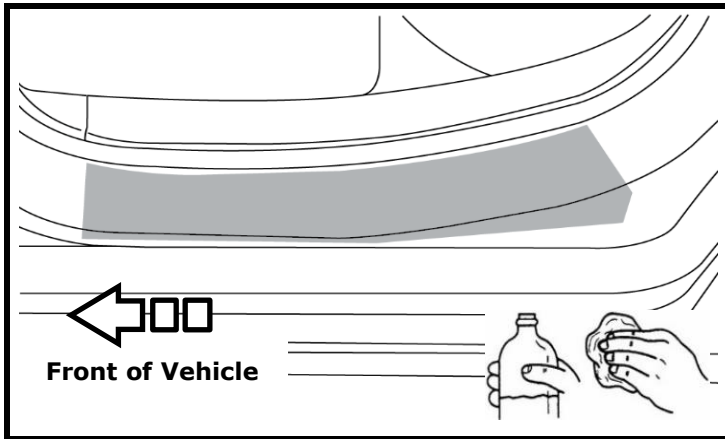
3.10) Locate RH D-Opt connector

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

D-Opt Connector

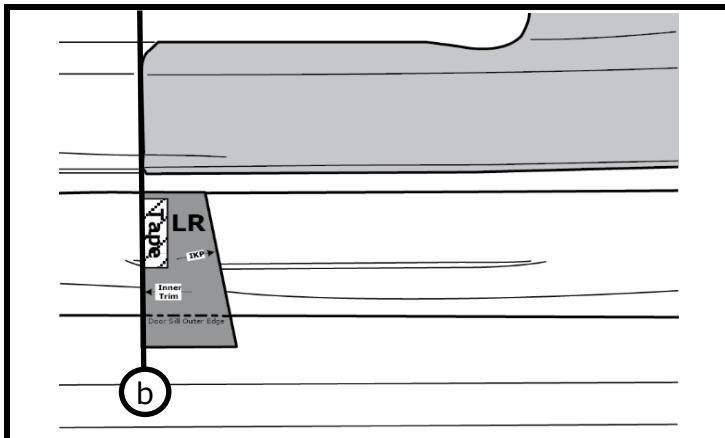


SECTION 4 - INSTALLATION PROCEDURE, REAR



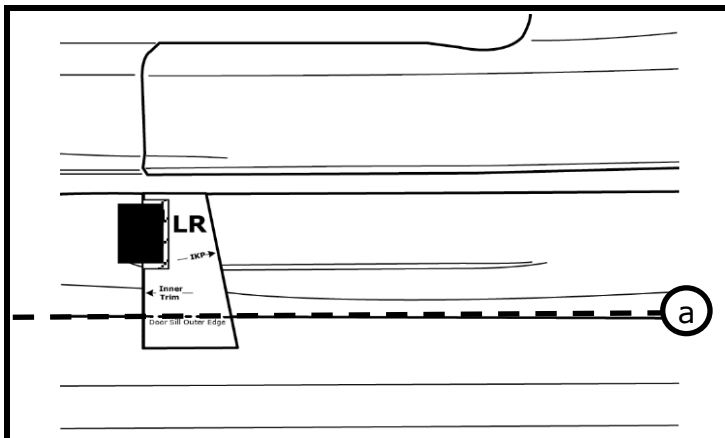
4.1) Install LH location template

- a) Wipe area clean of any dirt.
- b) Wipe using alcohol/water solution on a soft non-linting cloth.
- c) Let dry for 30 seconds.



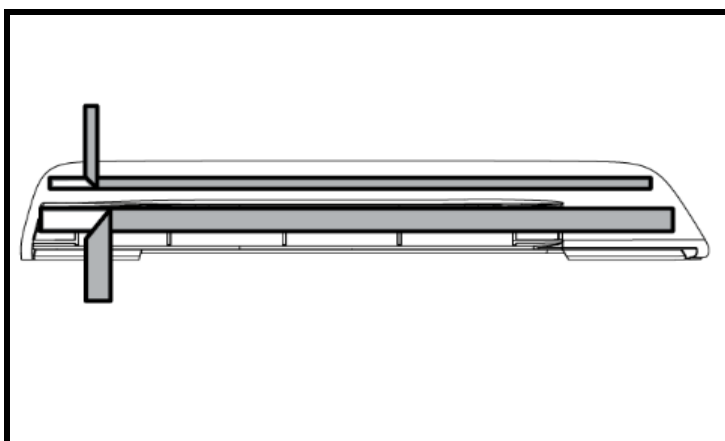
4.2) Install LH location template

- a) Using scissors, cut out LH Rear paper template from Appendix C.
- b) Line up solid line on template with forward edge of inner sill plate.



4.3) Install LH location template

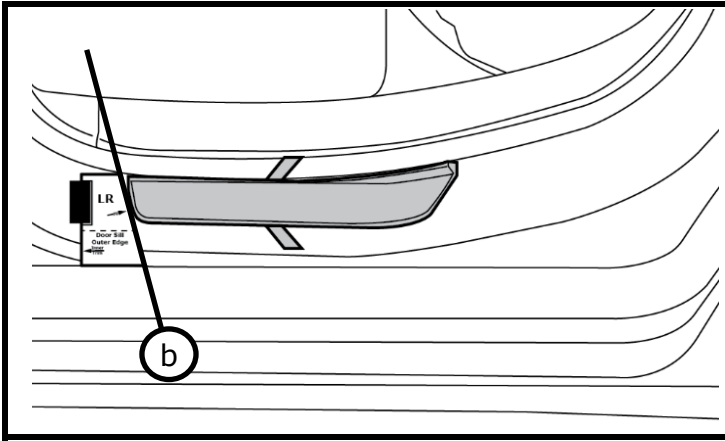
- a) Line up thin dotted line on template with line on door sill.
- b) Tape LR template to door sill as shown.



4.4) Install LH Kick Plate

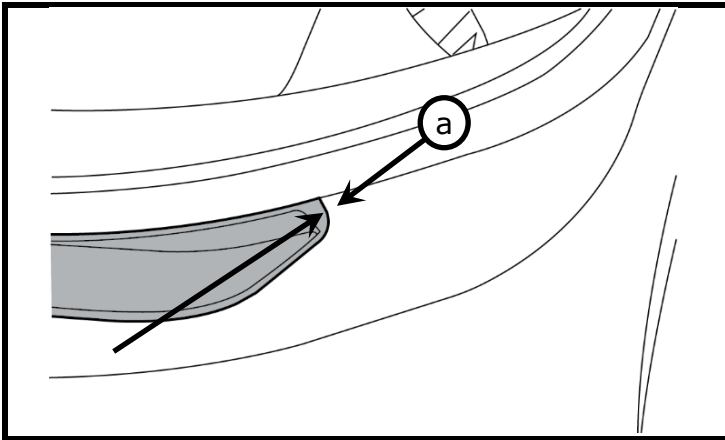
- a) Partially peel away enough of each adhesive liner to fold down a "flag" that will extend beyond the outer edge of Kick Plate, Rear LH (C) as shown.

SECTION 4 - INSTALLATION PROCEDURE, REAR



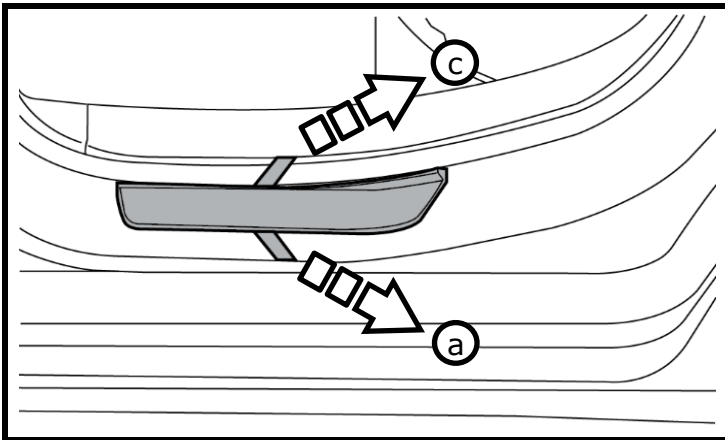
4.5) Install LH Kick Plate

- a) Position Kick Plate, Rear LH (C) on door sill area using template at forward end.
- b) Line up forward end of kick plate with rearward edge of template.



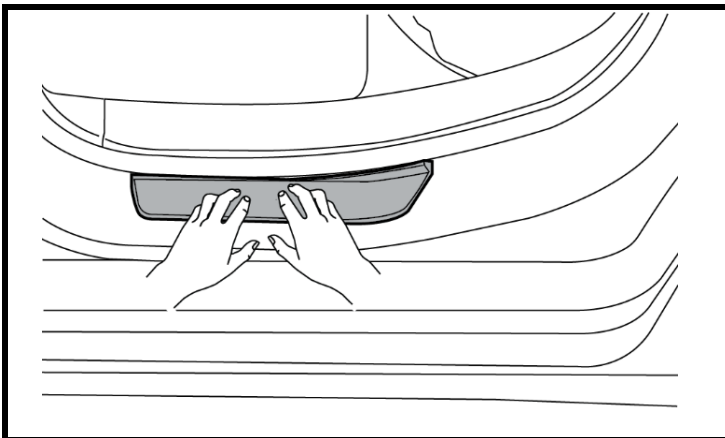
4.6) Install LH Kick Plate

- a) Position inboard edge of kick plate snug along door sill flange at rear end.
- b) Kick plate should be snug along door sill flange all the way to the front end.



4.7) Install LH Kick Plate

- a) While lightly pressing down on kick plate, peel outboard tape liner completely away.
- b) Press lightly on kick plate outboard edge.
- c) Peel inboard tape liner completely away.



4.8) Install LH Kick Plate

- a) Apply 15 lbs of pressure along the part to attach tape to body.



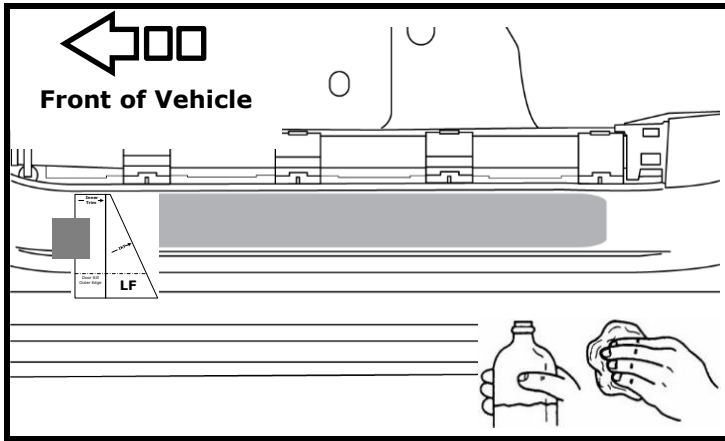
CAUTION

Use caution when applying pressure as the surface may dent.

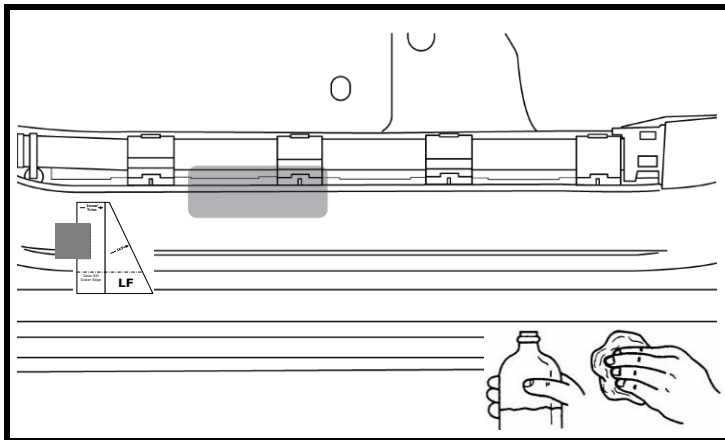
4.9) Install RH Kick Plate

- a) Repeat steps 4.1 through 4.8 to install Kick Plate, Rear RH (D) on RH side.

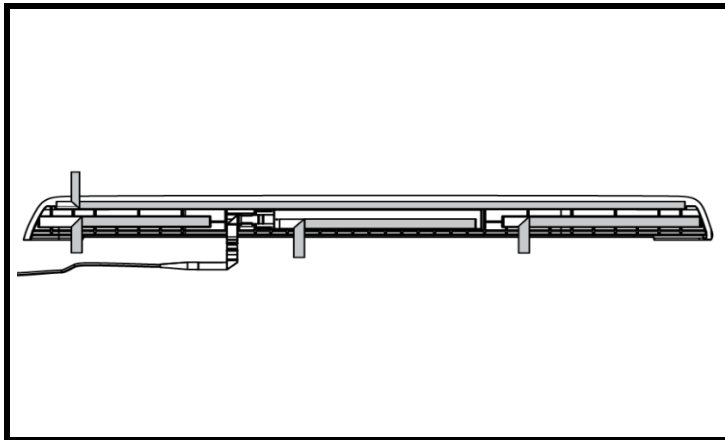
SECTION 5 - INSTALLATION PROCEDURE, FRONT



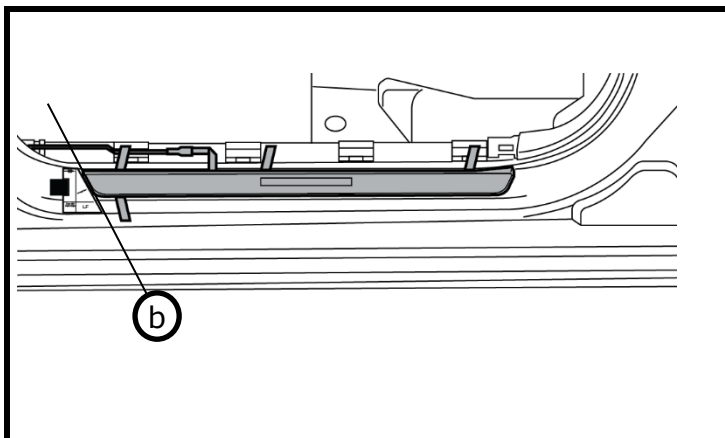
- 5.1) Clean LH door attachment area
- a) Wipe door sill area clean of any dirt.
 - b) Wipe using alcohol/water solution on a soft non-linting cloth.
 - c) Let dry for 30 seconds.



- 5.2) Clean LH door attachment area
- a) Wipe door flange area clean of any dirt.
 - b) Wipe using alcohol/water solution on a soft non-linting cloth.
 - c) Let dry for 30 seconds.

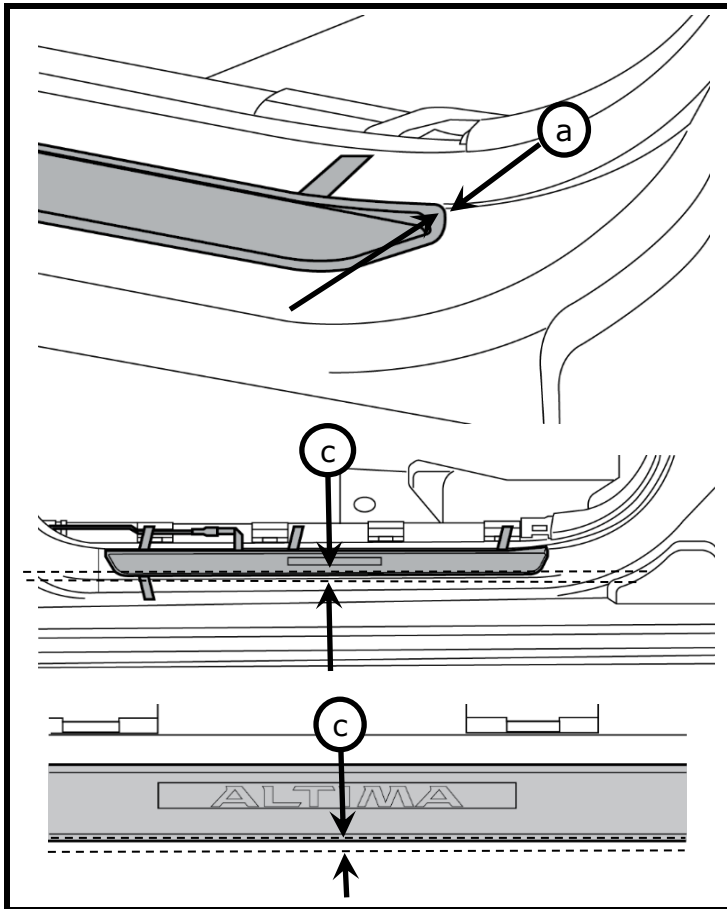


- 5.3) Install LH Kick Plate
- a) Partially peel away enough of the 4 adhesive liners to fold down a "flag" that will extend beyond the outer edge of Kick Plate as shown.



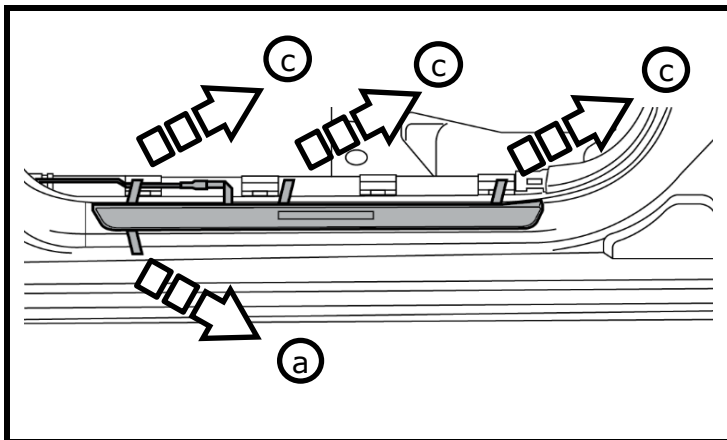
- 5.4) Install LH Kick Plate
- a) Position Kick Plate, Front LH (A) on door sill area using template at forward end.
 - b) Line up forward end of kick plate with rearward edge of template.

SECTION 5 - INSTALLATION PROCEDURE, FRONT



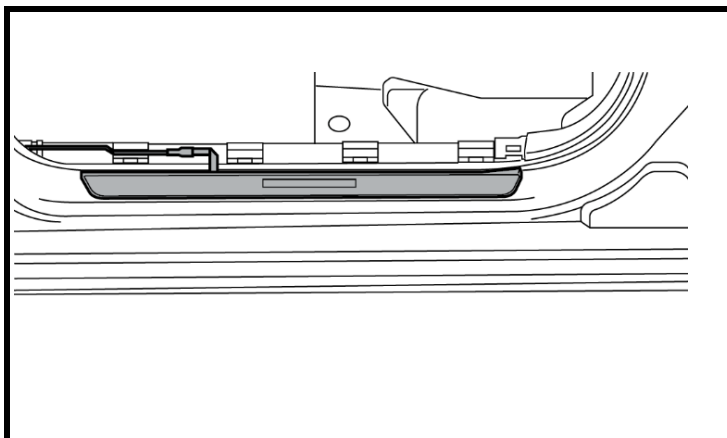
5.5) Install LH Kick Plate

- a) Position inboard edge of kick plate snug along door sill flange at rear end.
- b) Kick plate should be snug to door sill flange at the rear end.
- c) There should be a consistent distance to door sill line along the full length



5.6) Install LH Kick Plate

- a) While lightly pressing down on kick plate, peel outboard tape liner completely away.
- b) Press lightly on kick plate outboard edge.
- c) Peel 3 inboard tape liners completely away.



5.7) Install LH Kick Plate

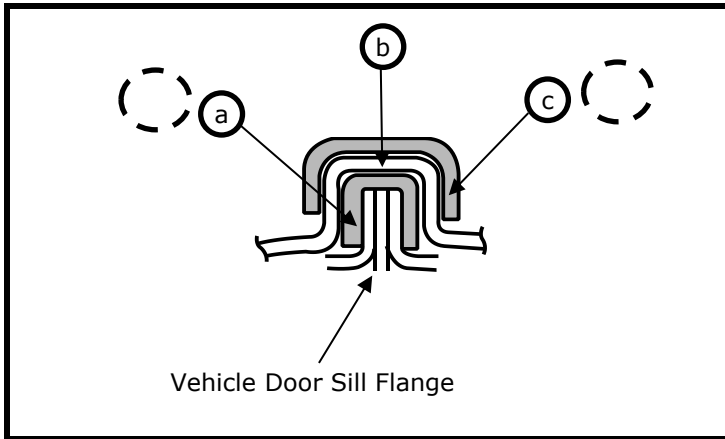
- a) Apply 15 lbs of pressure along the part to attach tape to body.



CAUTION

Use caution when applying pressure as the surface may dent.

SECTION 5 - INSTALLATION PROCEDURE, FRONT



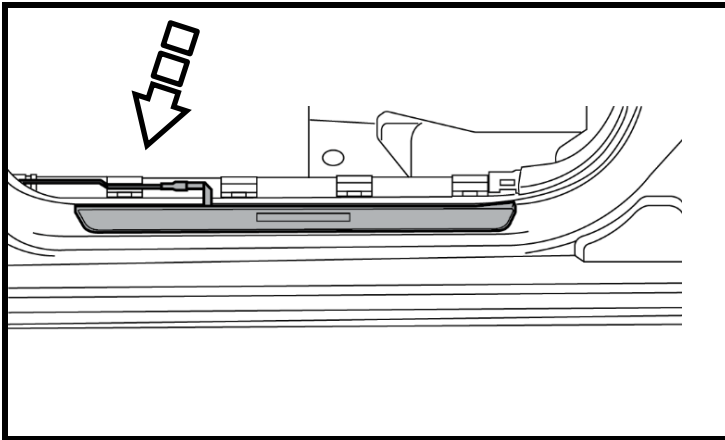
5.8) Route LH Kick Plate Harness

- Apply Foam Tape, Black (G) over door sill flange where wire harness will cross over.
- Form IKP harness wire over the door sill flange.
- Apply second Foam Tape, Black (G) over wire harness.

Foam Tape, Black (G)

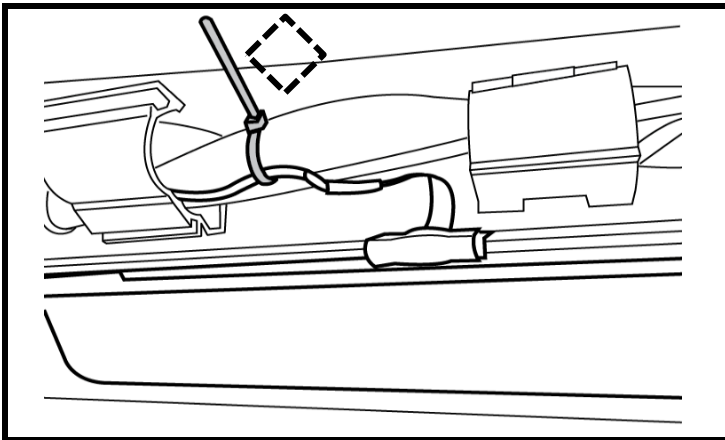


- Firmly press weatherstrip back down along length of door.



5.9) Install LH Kick Plate

- Unlatch vehicle harness clip with trim removal tool.



5.10) Install LH Kick Plate

- Route IKP harness to vehicle harness and secure with Cable Tie (E) as shown.
- Re-latch harness clip.

Cable Tie (E)



CAUTION

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

5.11) Install RH Kick Plate

- Repeat steps 5.1 through 5.10 to install Illuminated Kick Plate, Front RH (B) on RH side.



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

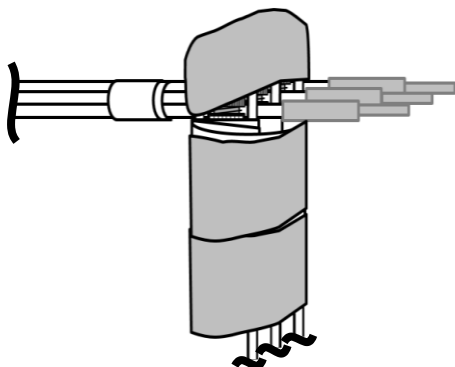


AAA

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

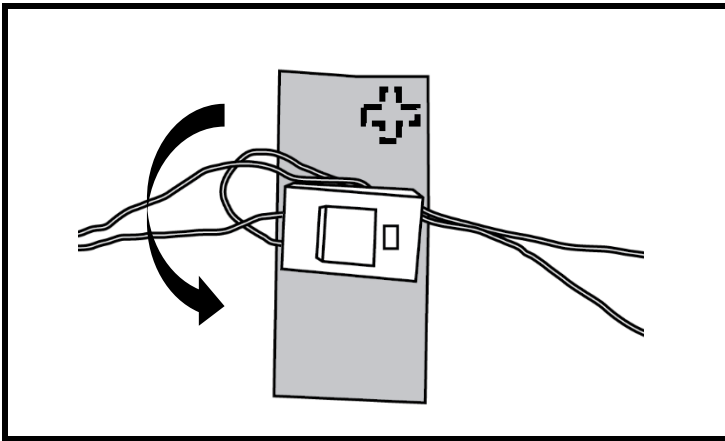
- 6.2) Connect ASC (AAA) to IKP, Front LH (A)
- a) Using a Posi-Tap (F), connect the BLACK IKP lead wire to the "ROOM_LAMP" (YELLOW wire) of the ASC (AAA) as shown.
 - b) Using a Posi-Tap (F), connect the RED IKP lead wire to the "BAT_SAVER" (PINK wire) of the ASC (AAA) as shown.

Posi Tap (F)



- 6.3) Connect ASC (AAA) to IKP, Front LH (A)
- a) Once the ASC is prepared as described in Appendix A, the IKP harness with ASC attached should look like this.
- 6.4) Connect ASC (AAA) to IKP, Front RH (B)
- a) Repeat steps 6.1 through 6.3 for the Illuminated Kick Plate, Front RH (B).

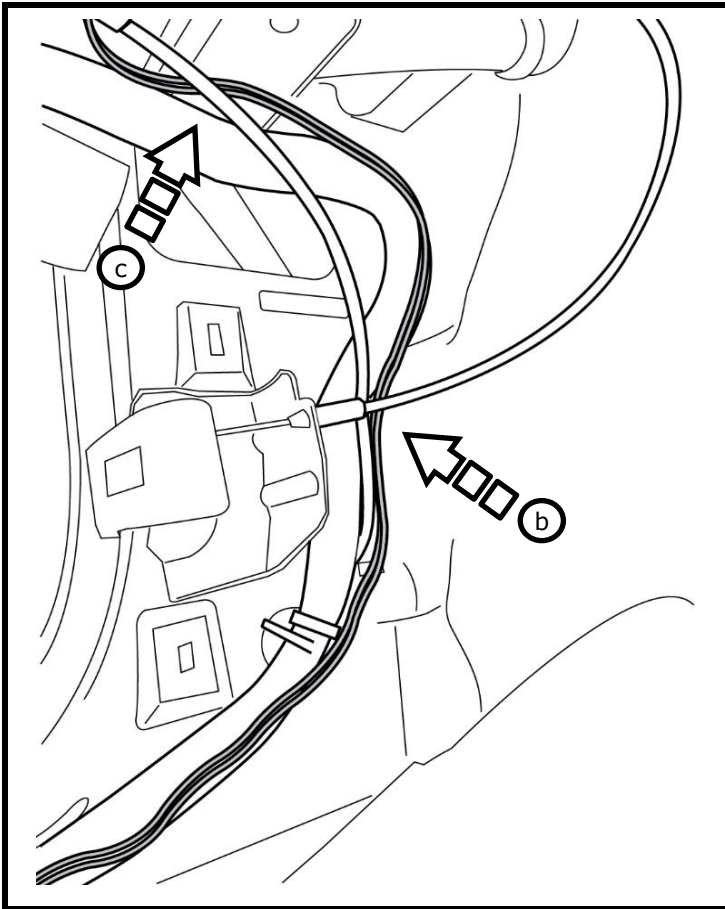
SECTION 6 - ASC CONNECTION & FUNCTION CHECK



6.5) Connect ASC (AAA) to IKP

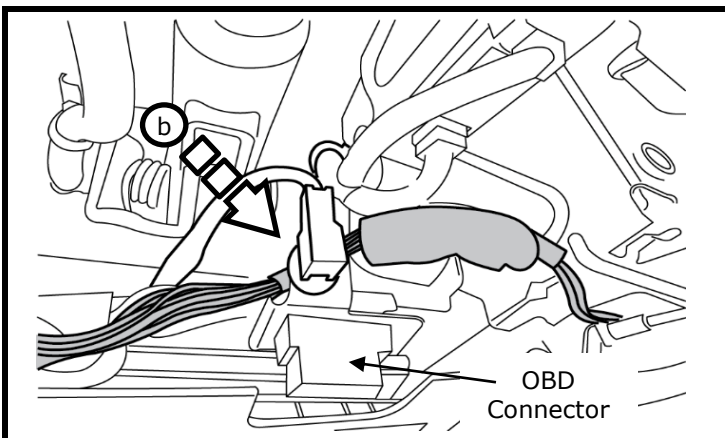
- a) Wrap LH side IKP harness fuse with Foam Tape, Gray (H).
- b) Wrap RH side IKP harness fuse with Foam Tape, Gray (H).

Foam Tape, Gray (H)



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

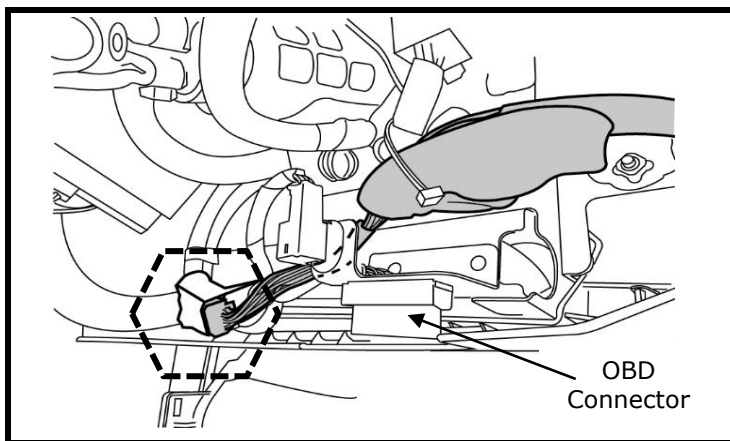
- a) Route IKP harness/ASC connector along vehicle harness as shown.
- b) Route harness BEHIND hood release cable.
- c) Route harness BEHIND fuel door release cable.
- d) DO NOT install cable ties at this time.



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

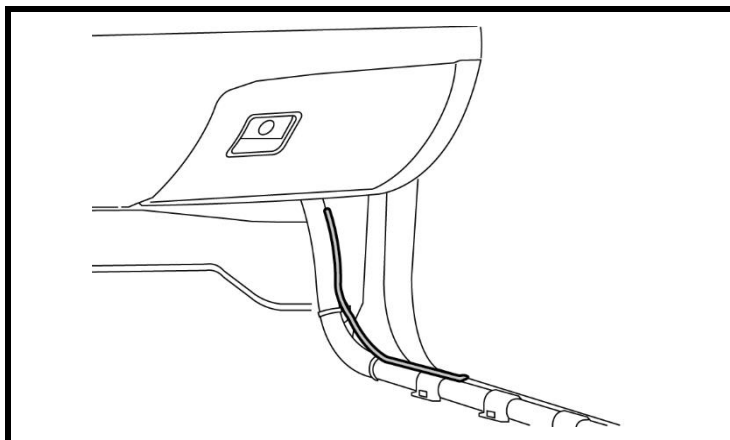
- a) Route IKP harness/ASC connector as shown.
- b) Route harness ABOVE OBD connector as shown.

SECTION 6 - ASC CONNECTION & FUNCTION CHECK

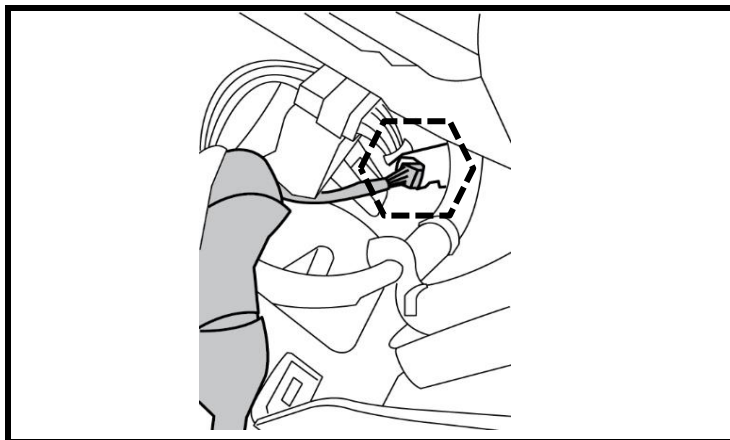


- 6.8) Connect ASC (AAA) to IKP, Front LH (A)
a) Plug LH ASC into LH D-Opt connector.

D-Opt Connector

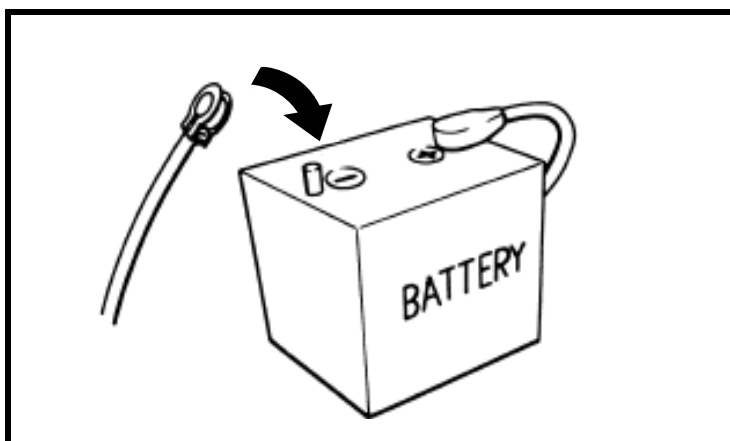


- 6.9) Connect ASC (AAA) to IKP, Front RH (B)
a) Route IKP harness/ASC connector along vehicle harness as shown.
b) DO NOT install cable ties at this time.



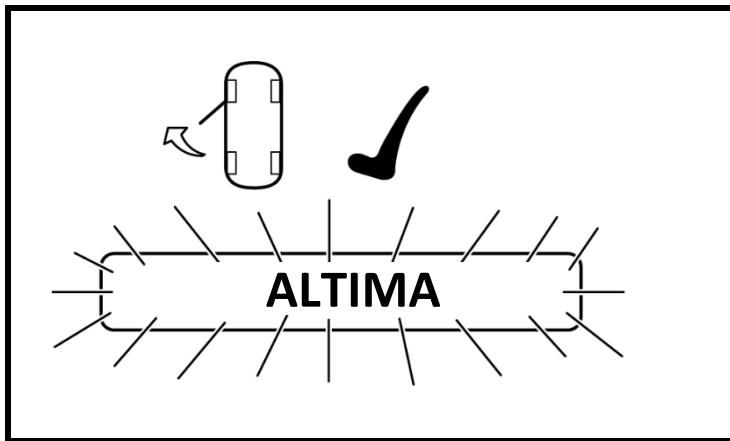
- 6.10) Connect ASC (AAA) to IKP, Front RH (B)
a) Plug RH ASC into RH D-Opt connector.

D-Opt Connector



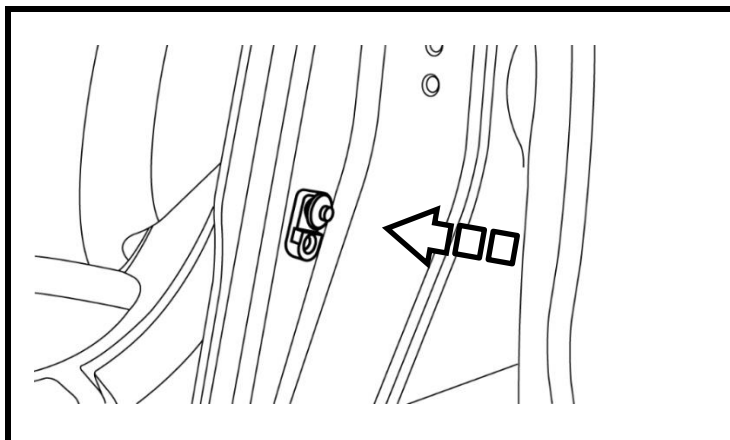
- 6.11) Electrical function check
a) Re-connect negative battery cable

SECTION 6 - ASC CONNECTION & FUNCTION CHECK



6.12) Electrical function check

- a) Close all doors.
- b) Open front LH door.
- c) Confirm Illuminated Kick Plate turns ON .



6.13) Electrical function check

- a) Press LH door switch
- b) Confirm that Illuminated Kick Plate turns OFF when Room Lamp turns OFF.
- c) Close door

6.14) Electrical function check

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



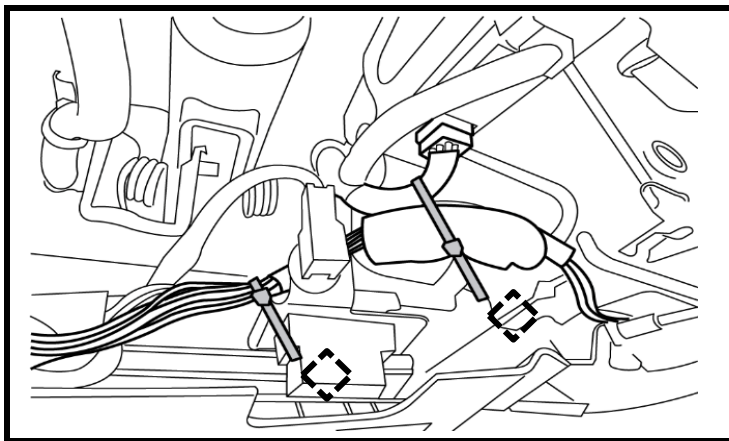
CAUTION

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

6.15) Electrical function check

- a) Repeat steps 6.12 - 6.14 for front RH door.

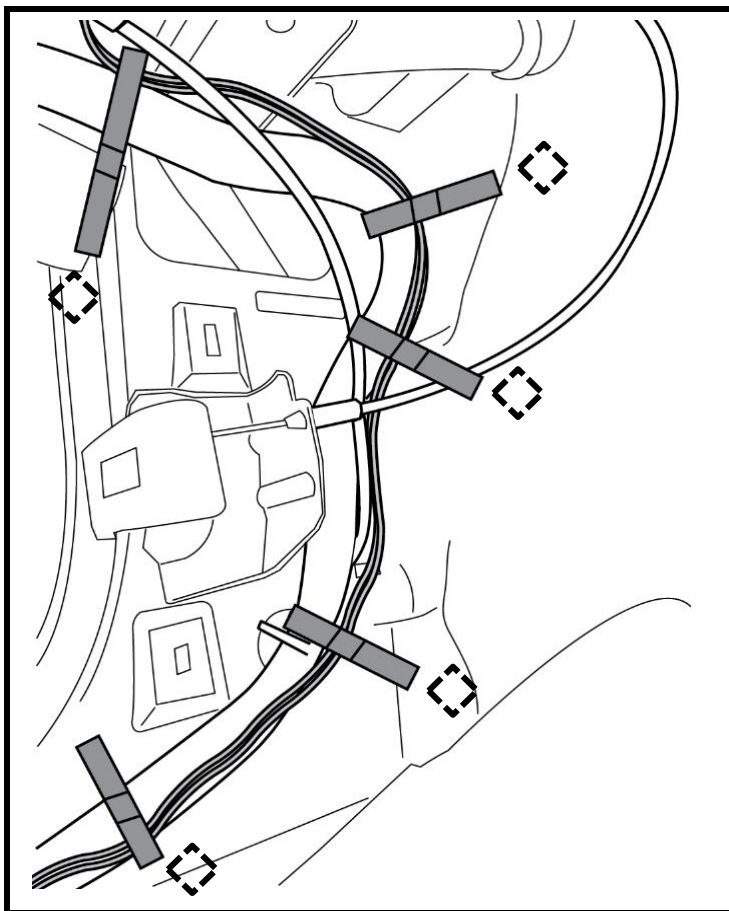
SECTION 7 - FINAL



7.1) Secure wire harness - LH

- a) Starting at the LH ASC, secure IKP harness to vehicle harness with 2 Cable Ties (E) as shown.

Cable Tie (E)



7.2) Secure wire harness - LH

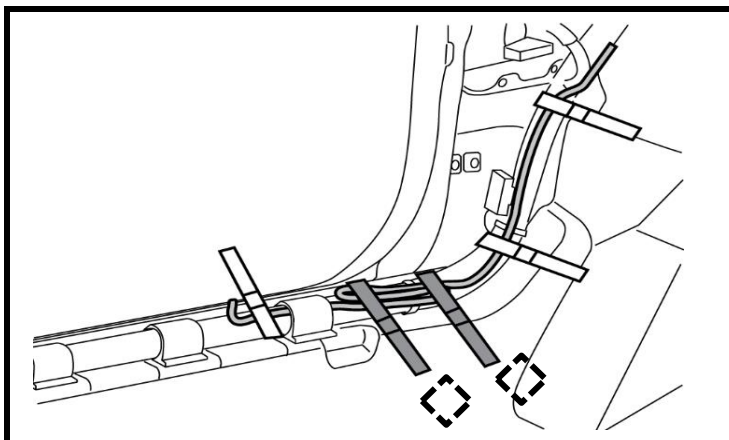
- a) Secure to vehicle harness with 5 Cable Ties (E) as shown.

Cable Tie (E)



CAUTION

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



7.3) Secure wire harness - LH

- a) Bundle excess LH side wire in a loop in the area shown.
- b) Secure the bundle to the existing harness with 2 Cable Ties (E) as shown.

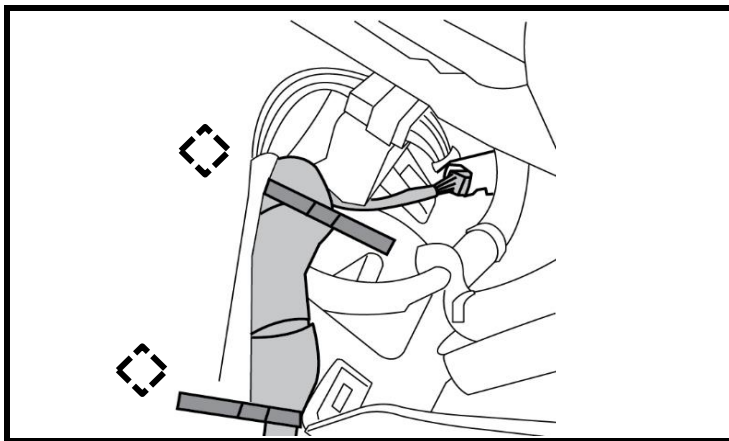
Cable Tie (E)



CAUTION

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

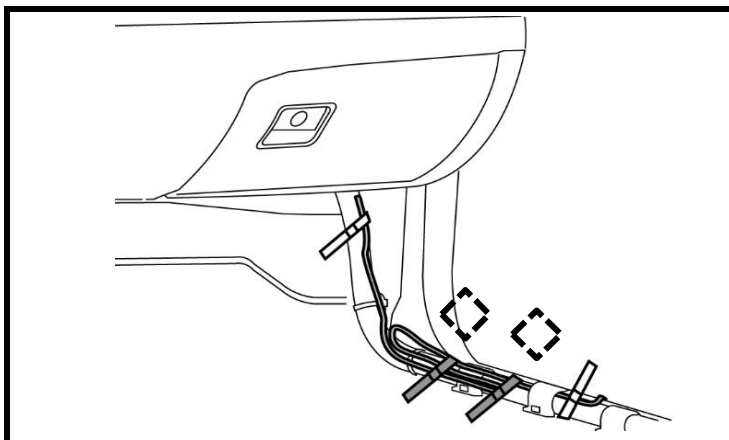
SECTION 7 - FINAL



7.4) Secure wire harness - RH

- a) Secure to vehicle harness with 2 Cable Ties (E) as shown.

Cable Tie (E)



7.5) Secure wire harness - RH

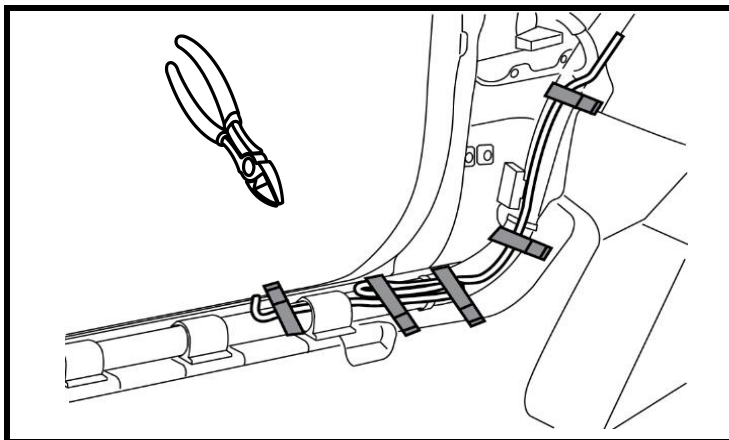
- a) Bundle excess RH side wire in a loop in the area shown.
- b) Secure the bundle to the existing harness with 2 Cable Ties (E) as shown.

Cable Tie (E)



CAUTION

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



7.6) Secure wire harness

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

7.7) Re-install trim

- a) Re-install interior trim that was removed in Section 3 - Trim Removal, Front



CAUTION

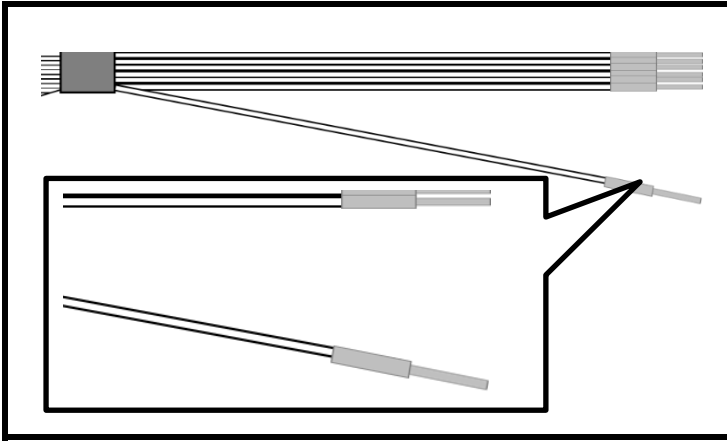
Take care not to scratch or damage any component during the removal or re-installation process. Trim pieces found to have witness marks or broken clips should be replaced with new parts.

Do NOT step on kick plate or wash vehicle for 24 hours after installing to prevent the double-sided tape from peeling.

7.8) Complete checklist:

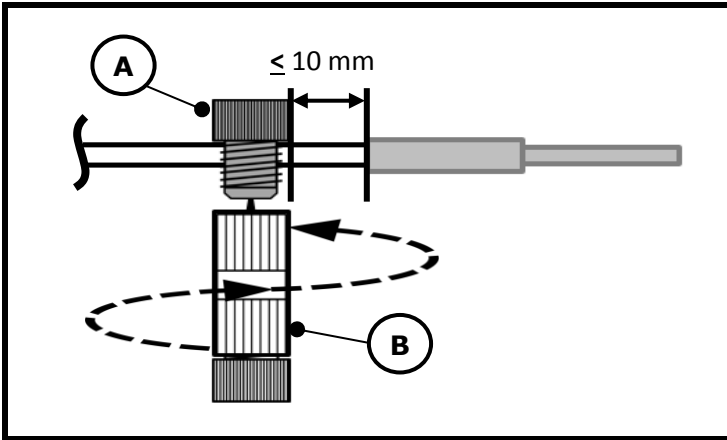
- ☐ Tighten battery terminal nut to 5 N-m.
- ☐ Verify re-installed trim parts for proper fit (no gap, waviness, etc.), particularly the door sill weather strip.
- ☐ Verify all windows and sunroof (if equipped), one touch operation and perform the reset procedure if necessary. Refer to the vehicle Service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

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.



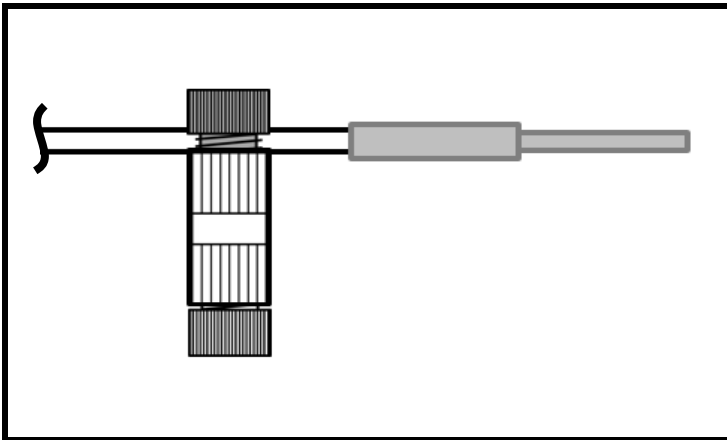
A.2) Installing Posi-Tap™ on ASC (AAA)

- 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.



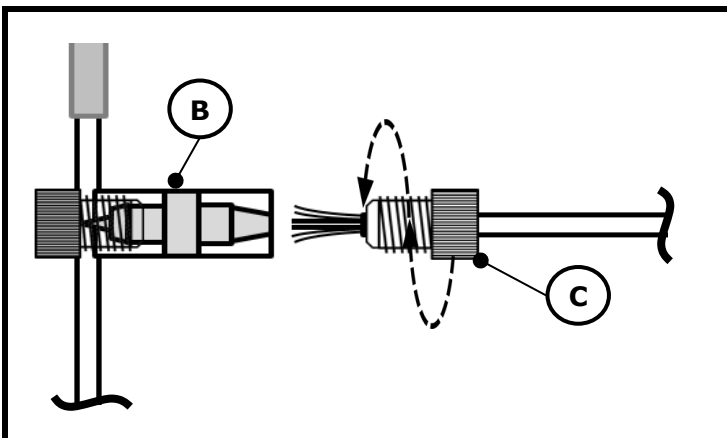
CAUTION

Do not overtighten Posi-Tap, it may damage wire



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

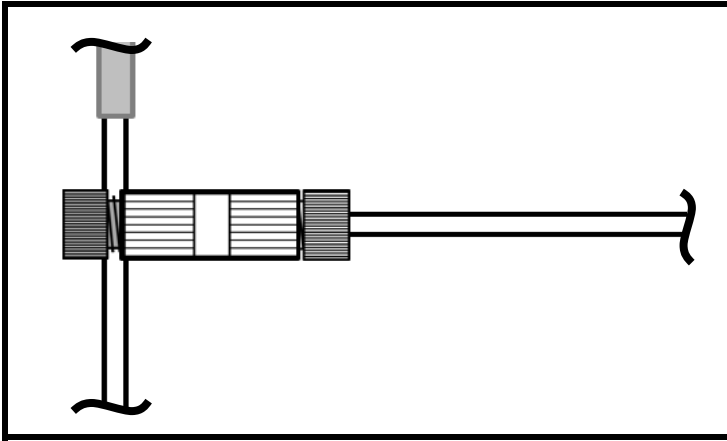
- Inspect Posi-Tap™ to ensure correct installation.
- Wire jacket should be crushed enough to maintain pressure.
- Confirm tap cap gap is straight and evenly spaced around perimeter.



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

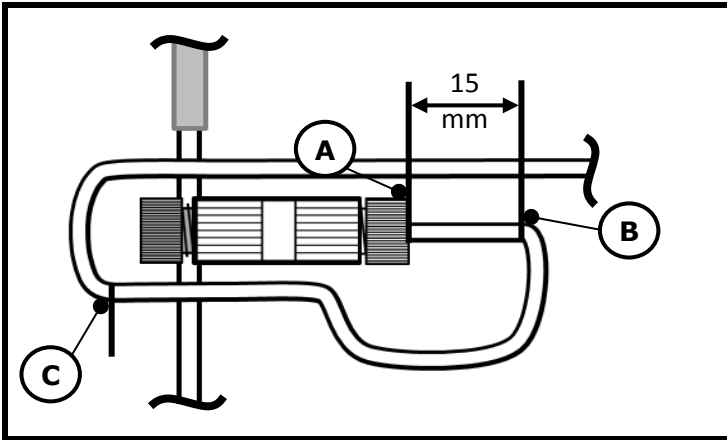
- Remove tap bottom (C) red side from tap body (B).
- Remove the pre cut insulation from correct Accessory wire.
- Insert wire through tap bottom (C) opening.
- Fan out individual wire strands as shown.
- Insert wire into tap body until it bottoms out.
- Turn tap bottom (C) clockwise until finger "tight".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

APPENDIX A - POSI-TAP PROCEDURE



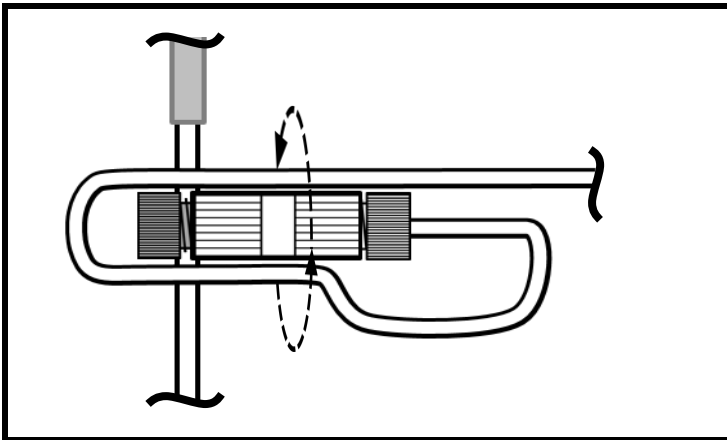
A.5) Installing accessory wire into Posi-Tap™

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



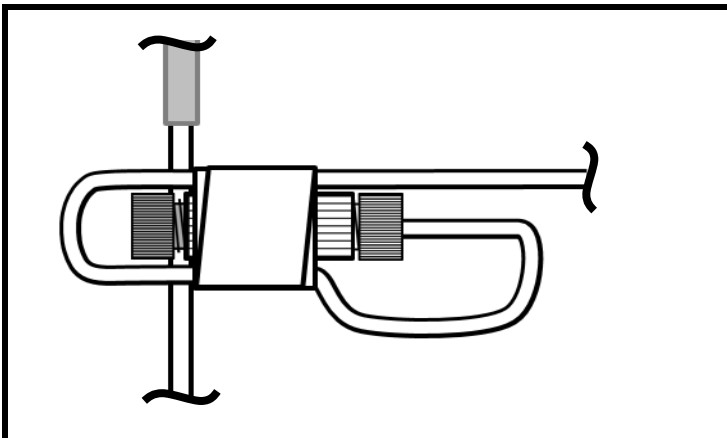
A.6) Accessory wire strain relief

- 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).



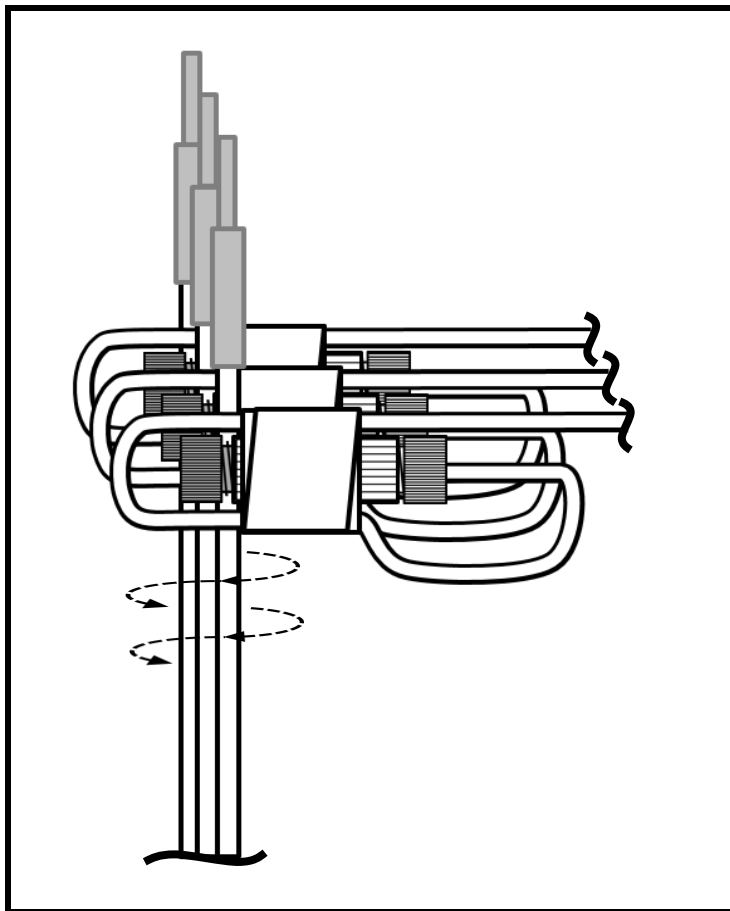
A.8) Accessory wire strain relief

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

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

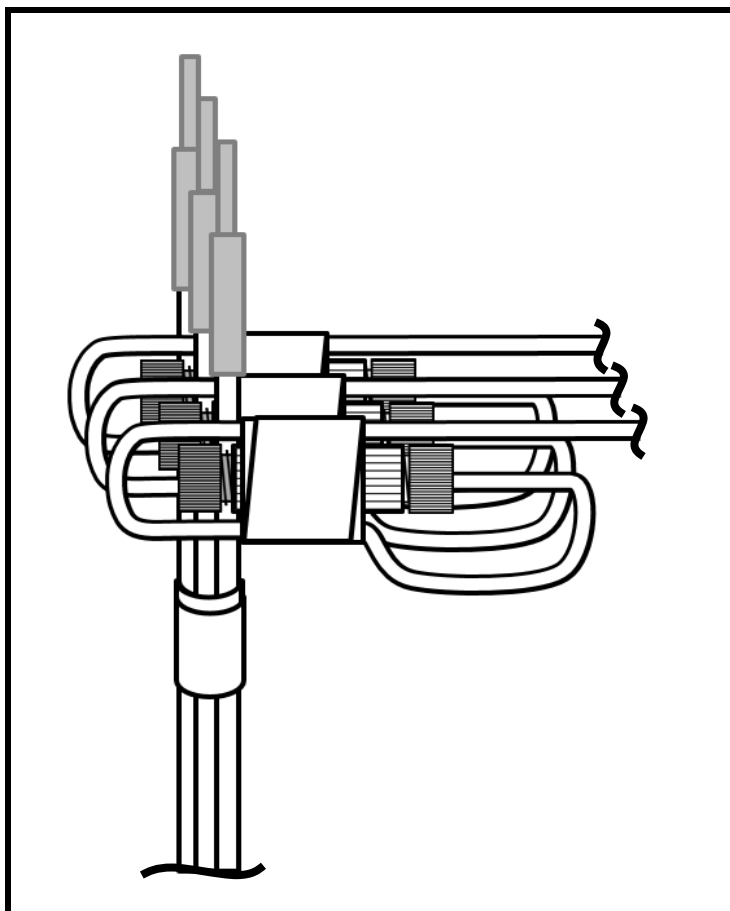
- a) Repeat steps A.1 - A.8 for all other wires requiring a Posi-Tap™.

APPENDIX A - POSI-TAP PROCEDURE



A.10) Securing multiple Posi-Taps™ together

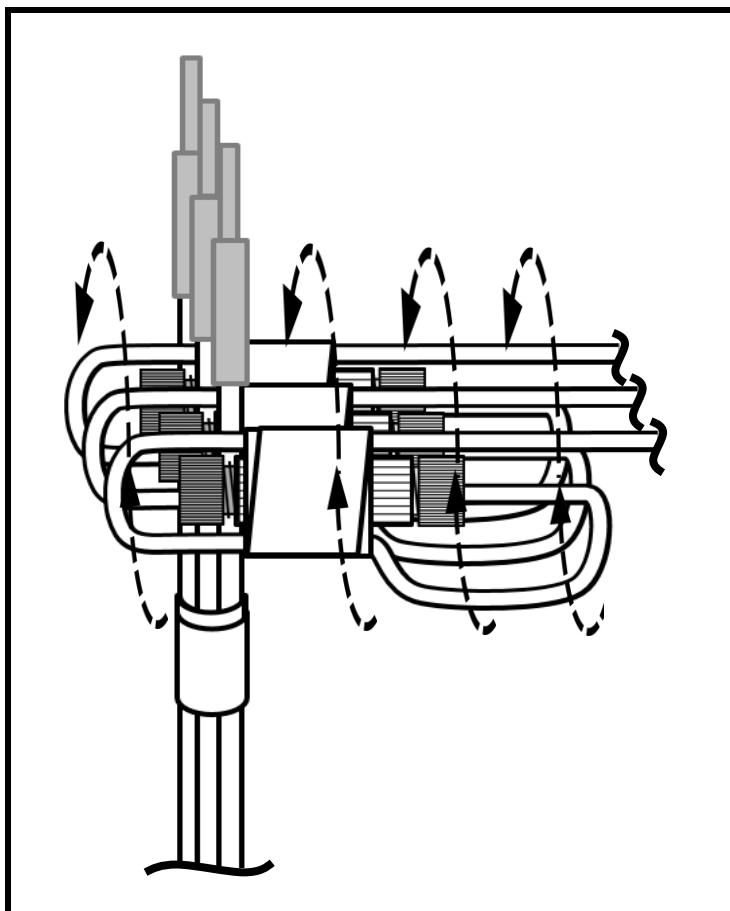
- a) Stack Posi-Taps™ in slightly staggered fashion as shown.
- b) Secure tapped circuits together with electrical tape (≥ 2 revolutions).



A.11) Securing multiple Posi-Taps™ together

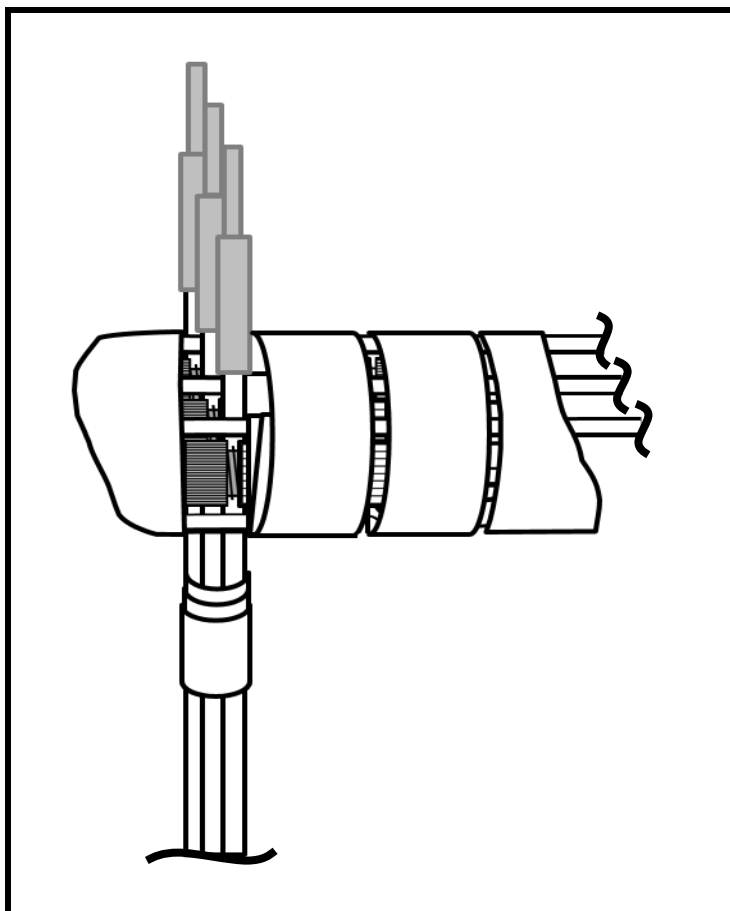
- a) Once tapped circuits are secured together with electrical tape they should look as shown.

APPENDIX A - POSI-TAP PROCEDURE



A.12) Securing multiple Posi-Taps™ together

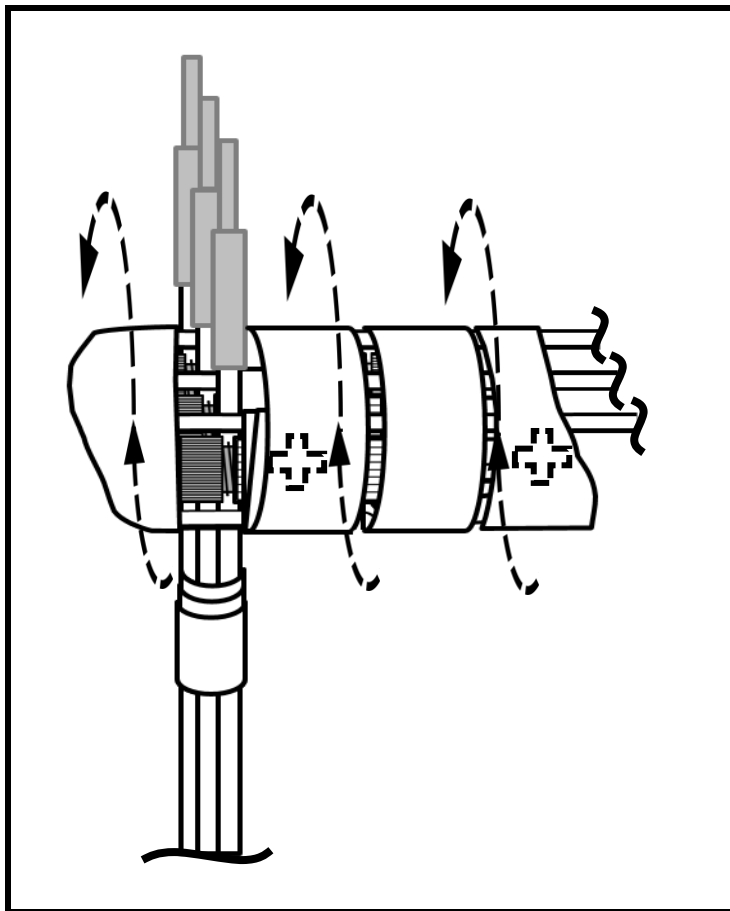
- a) Secure Posi-Taps™ together with electrical tape (≥ 4 revolutions).



A.13) Securing multiple Posi-Taps™ together

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

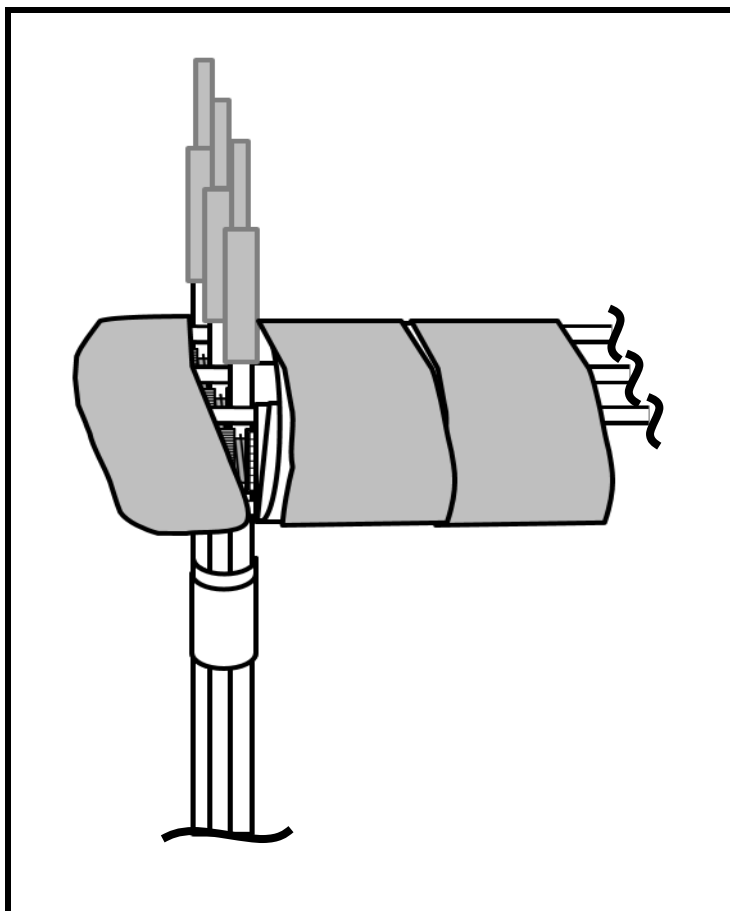
APPENDIX A - POSI-TAP PROCEDURE



A.14) Securing multiple Posi-Taps™ together

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

Foam Tape (H)

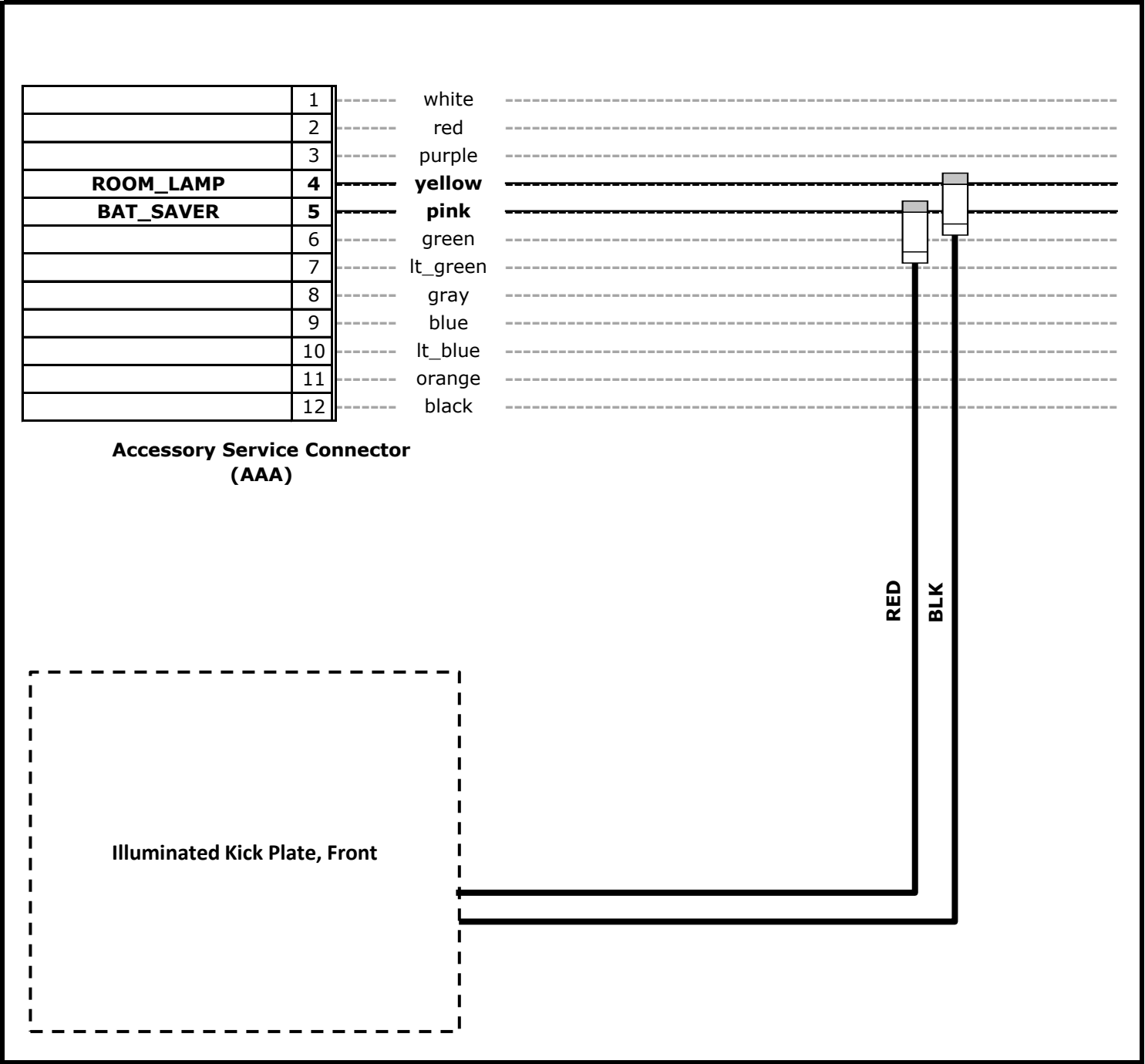




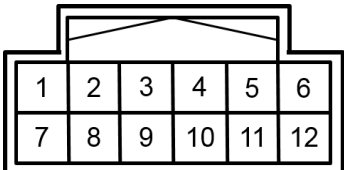
A.15) Securing multiple Posi-Taps™ together

- 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		LEGEND	
CONNECTOR NAME		ACCESSORY SERVICE CONNECTOR		<div>POSI-TAP</div> <div><div>GRAY - CIRCUIT TAP (PIERCE) SIDE</div><div>RED - ACCESSORY (INSERT) SIDE</div></div>	
CONNECTOR COLOR		WHITE			
UNIT					<div>Note: Pin location is referenced looking into harness side of connector with lock tab oriented as shown.</div>



CAUTION

Template MUST be printed to scale in both directions. Check printout by using scales below.
DO NOT run with scissors !

