



GENUINE PARTS

INSTALLATION INSTRUCTIONS

DESCRIPTION: Interior Accent Lighting Kit

APPLICATION: QX80

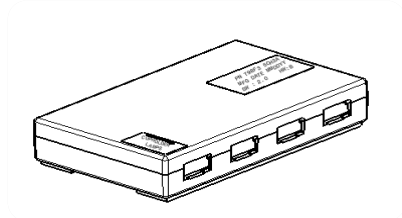
PART NUMBER(S) T99F3 5ZW00

REQUIRED FOR

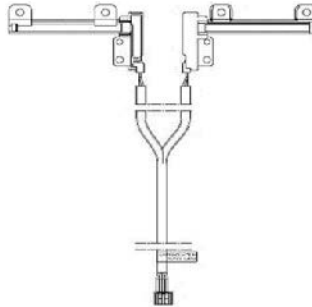
INSTALLATION: 999Q9 36000, Accessory Service Connector - not included in kit above

KIT CONTENTS: Interior Accent Lighting Kit

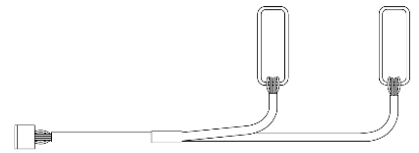
A



B



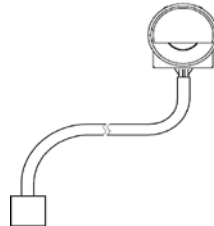
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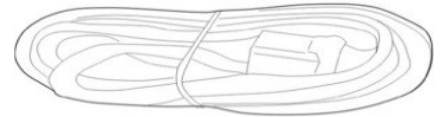
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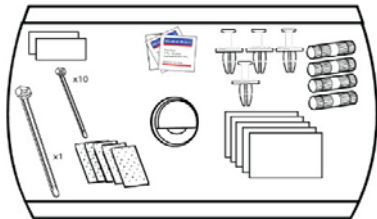
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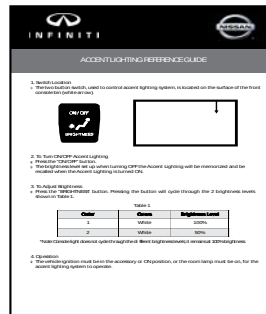
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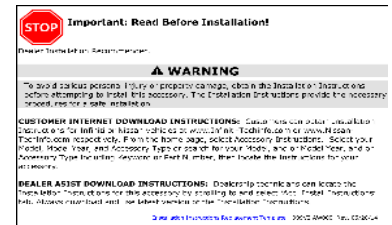
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H



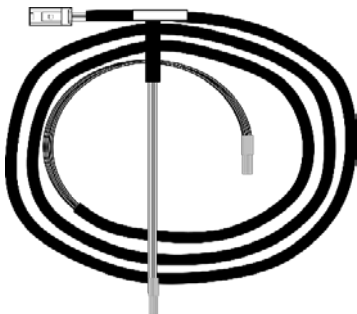
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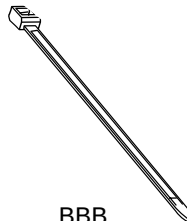
ADDITIONAL SERVICE PARTS NOT INCLUDED IN KIT ABOVE

KIT CONTENTS: Accessory Service Connector Kit

AAA



BBB



CCC



PART NUMBER(S) **T99F3 5ZW00**
REQUIRED FOR **999Q9 36000 (Accessory Service Connector) - Not Included in Accent Lighting Kit**
INSTALLATION:

KIT CONTENTS: Interior Accent Lighting Kit

Item	Qty.	Part Description	Service Part Number
A	1	Control Module	Not Serviceable- Part of Kit T99F3 5ZW00
B	1	Footwell Lights and Harness Assembly	
C	1	Cup Holder Lights and Harness Assembly	
D	1	2-Button On/Off-Brightness Selection Switch and harness	
E	1	Bin Light	
F	1	Vehicle Interface Harness (Power Harness)	
G	1	Hardware Kit	
	5	Foam Tape, 60X90MM Polyurethane	
	10	Wire tie, 8 in. Nylon 6,6, Blk (203 X 4.75 X 1.27 MM)	
	1	Wire Tie, 30 in. Nylon 6,6, White (762 X 8.8 X 1.95 MM)	
	5	3M Beta (Cyan) Tape 5073, 48 X 89MM Polyurethane	
	3	Alcohol Wipe	
	4	Posi Tap	
	1	Bin Light Bezel	
	4	5.2mm Push Pin	
	2	Secondary Tape	
H	1	Quick Reference Card	
J	1	Installation Instruction Replacement Template	999V2 AW001

KIT CONTENTS: Accessory Service Connector Kit

Item	Qty.	Part Description	Service Part Number
AAA	1	Accessory Service Connector	Not Serviceable- Part of Kit 999Q9 36000
BBB	4	Cable Tie, 200mm	
CCC	8	Foam Tape, black, 60 x 40 x 1 mm	

TOOLS REQUIRED:

- Trim Removal Tool, Nylon
- #2 Phillips Screw Driver
- Side Cut Pliers
- Scissor
- (Awl) Center Hole Punch
- Clear Tape
- 90 Degree Small Drill
- Drill Bit Stop
- 1/8" , 3/8" , & 7/16" pilot point drill bit
- Step Drill
- Electrical Tape
- Deburring Tool

INSTALLATION CAUTIONS:

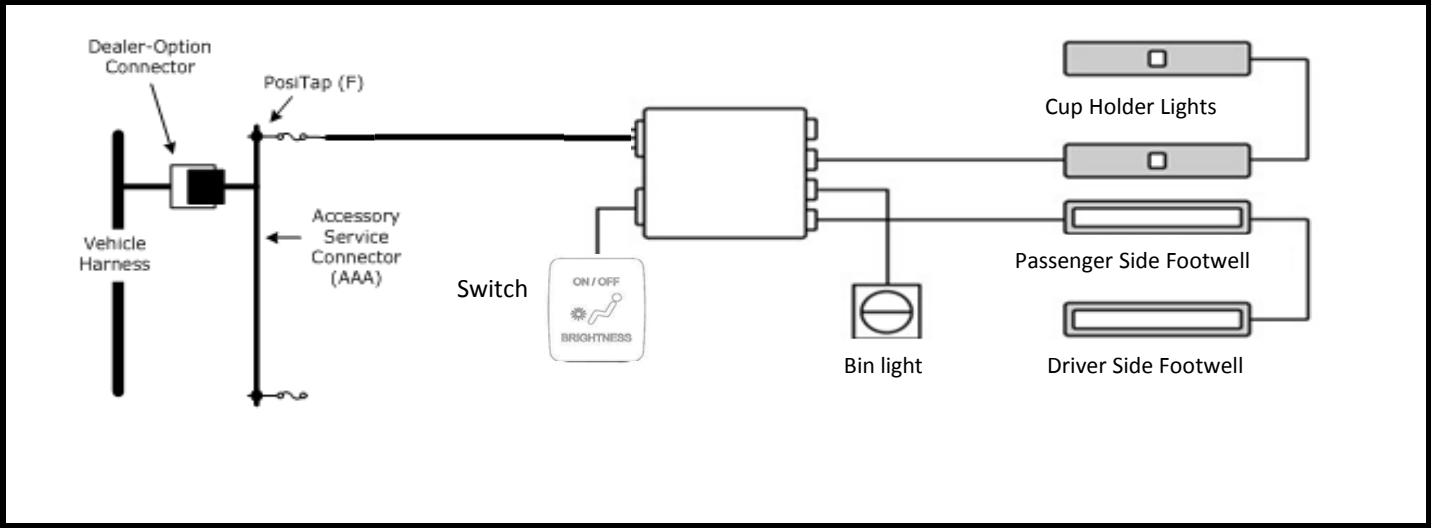


CAUTION

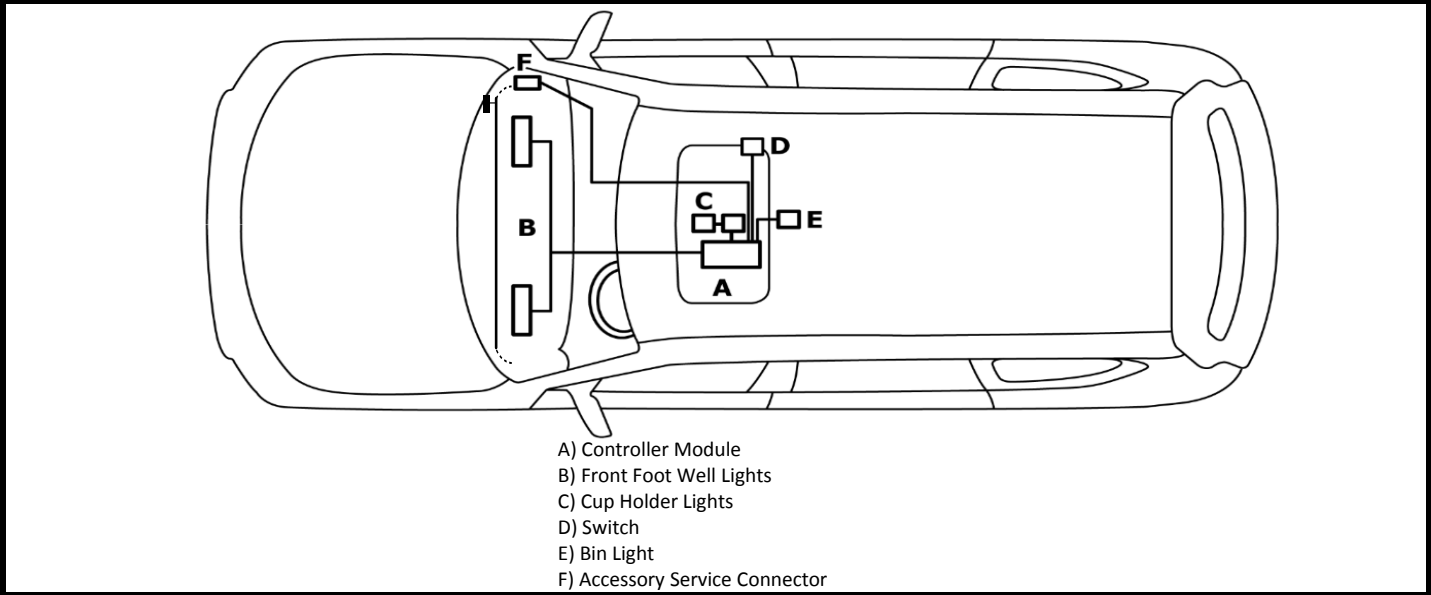
- Dealer installation recommended. Instructions may refer to Service Manual.
- Please read this instruction carefully before installing this product for correct installation.
- Please DO NOT use or install the part in ways other than what is described.
- Always use floor, seat and steering wheel protection.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

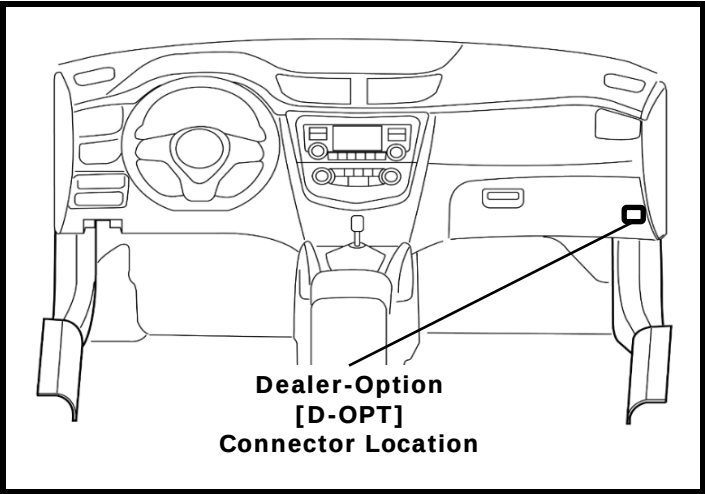
1.1) SYSTEM



1.2) VEHICLE



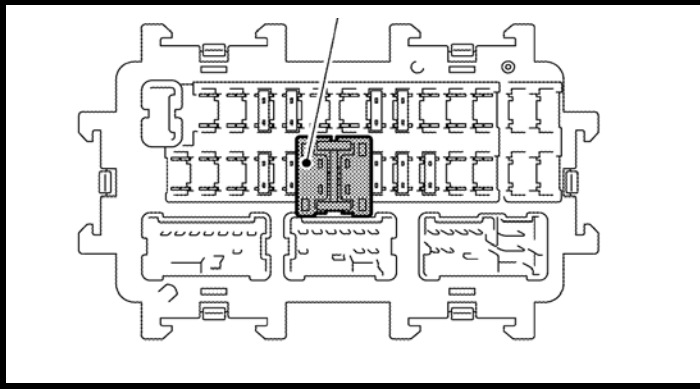
1.3) D-OPT CONNECTOR LOCATION



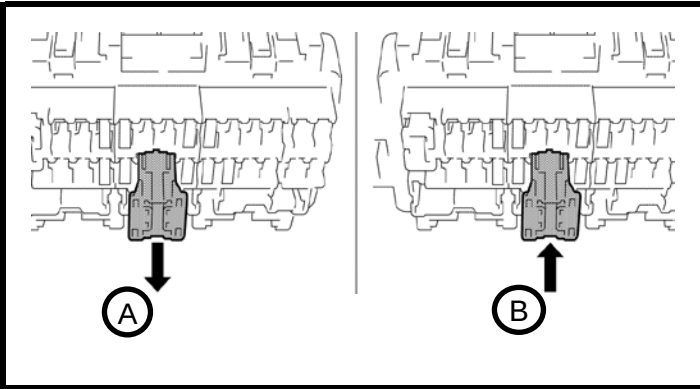


CAUTION

- 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)	

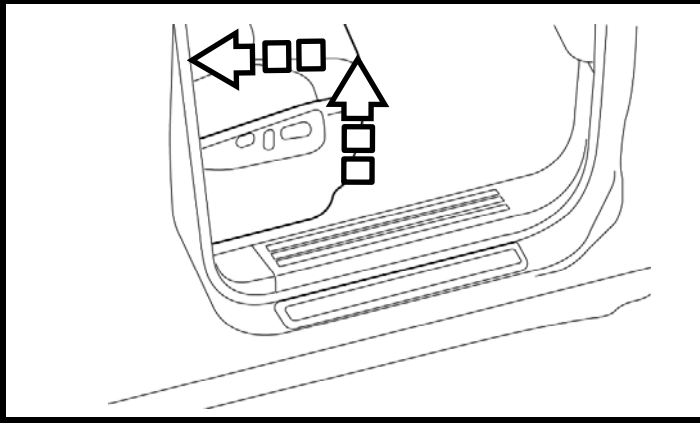
2.3) Record Customer Presets

- 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

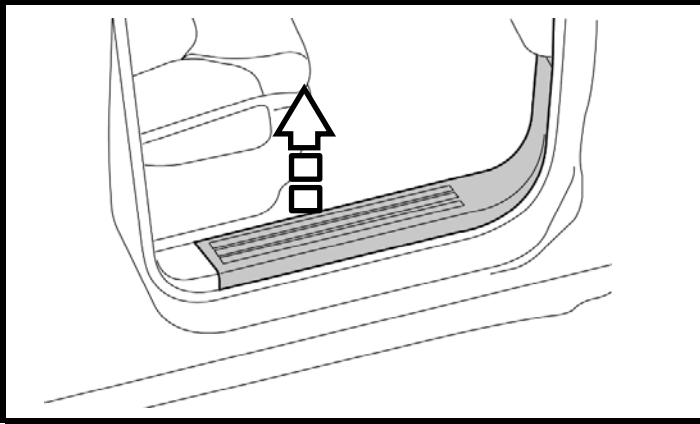
- Place ignition in "OFF" mode.

SECTION 3 - TRIM REMOVAL



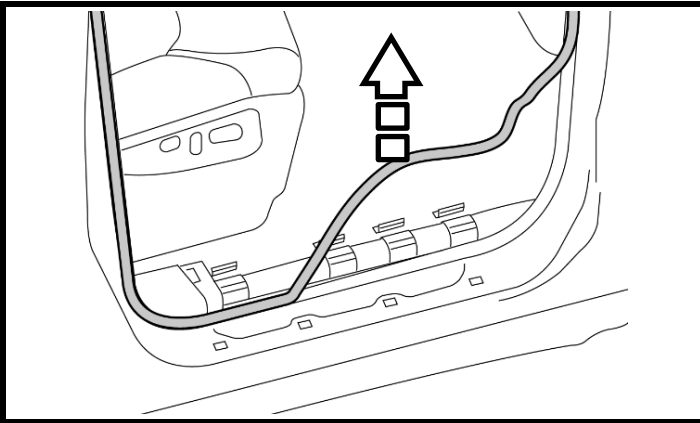
3.1) Move seat.

- a) Move front RH seat to full upward and rearward position.



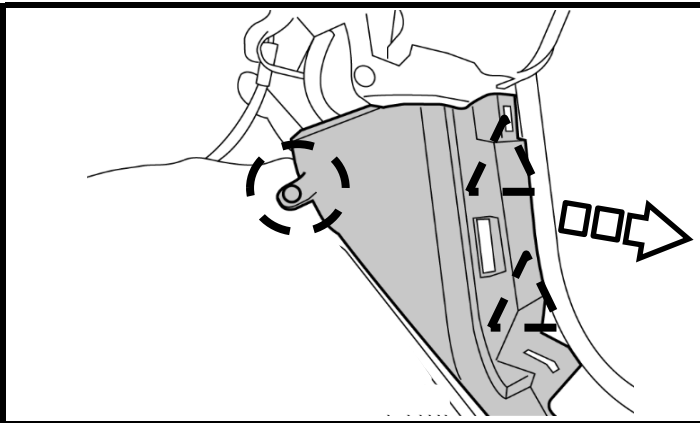
3.2) Remove Front RH trim

- a) Carefully pry off inner door sill trim panel and remove from vehicle.



3.3) Remove Front RH trim

- a) Pull up on front RH door sill weatherstrip along bottom and lower front edge as shown.



3.4) Remove Front RH trim

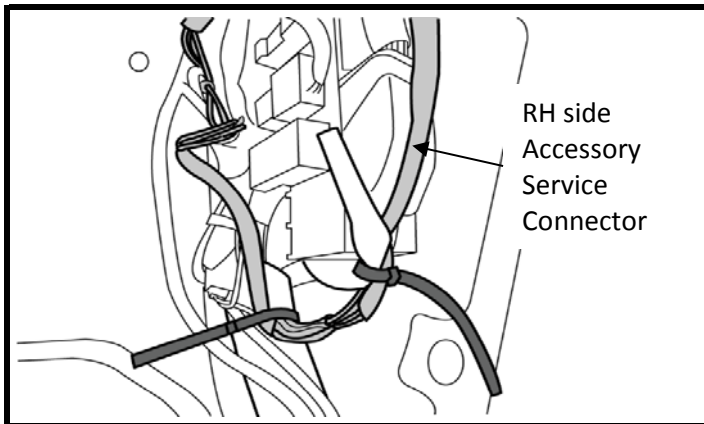
- a) Remove Trim Fastener from Lower Kick Trim by unscrewing with hand.
- b) Disengage 2 trim clips by pulling Lower Kick Trim rearward as shown.

Trim Fastener

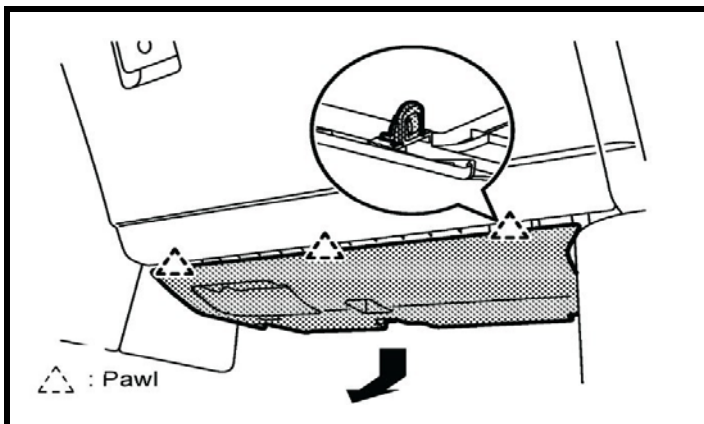
Pawl



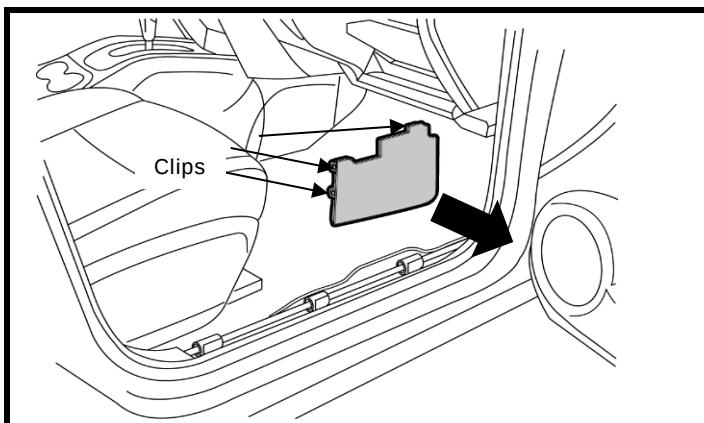
SECTION 3 - TRIM REMOVAL



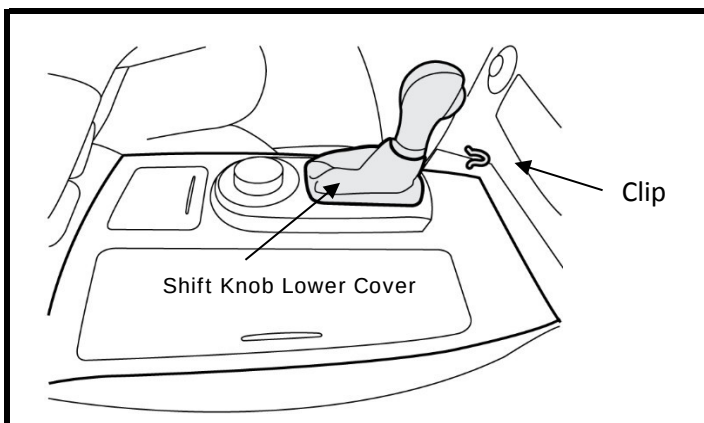
- 3.5) Accessory Service Connector (AAA) Verification
- If there is no pre-installed Accessory Service Connector (AAA) found on RH side (upon Front RH Trim removal), repeat steps 3.1 through 3.4 for LH side.
 - If there is a pre-installed Accessory Service Connector (AAA) found on RH side, move to step 3.6.



- 3.6) Remove instrument lower cover.
- Using trim removal tool, disengage pawls.
 - Pull down instrument lower cover. Carefully disconnect lighting harness connector (if any).
 - Be careful not to damage the felt insulation (if any) under the instrument lower cover.

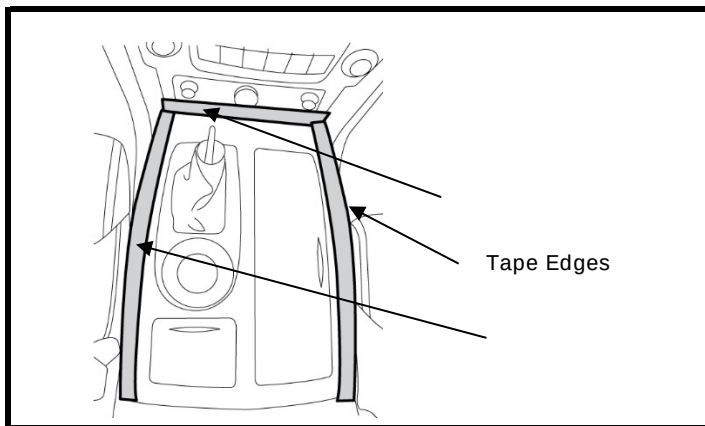


- 3.7) Remove RH Instrument Lower Side Cover
- Carefully pry out Instrument Lower Side Cover, RH from passenger side of center stack by
 - Repeat this step on LH side as well.



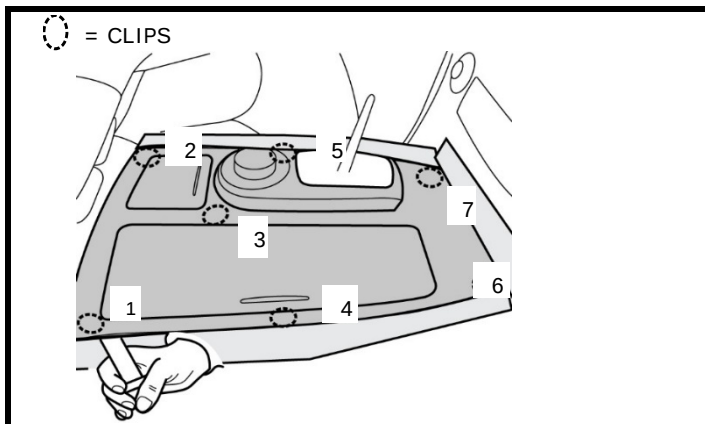
- 3.8) Remove gear selector knob.
- With shift lever in neutral position, use nylon pry tool to release finisher ring at bottom of shift knob and push boot down.
 - Remove retaining clip holding shifter knob to selector lever.
 - Lift shift knob upward to remove and reinstall clip with bend upward. Set shift knob aside.

SECTION 3 - TRIM REMOVAL



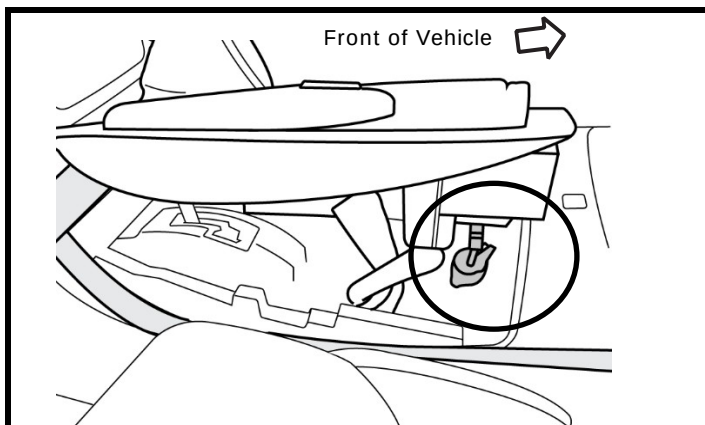
3.9) Removing Gear Selector Knob

- a) Place masking tape on indicated edges for protection during installation, as shown



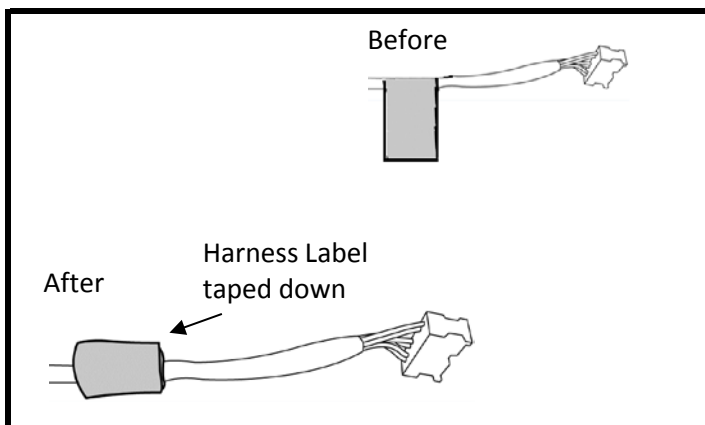
3.10) Console Finisher Removal

- a) Begin at the rear of finisher and remove clips in order through 1-7, as shown



3.11) Remove center stack finisher

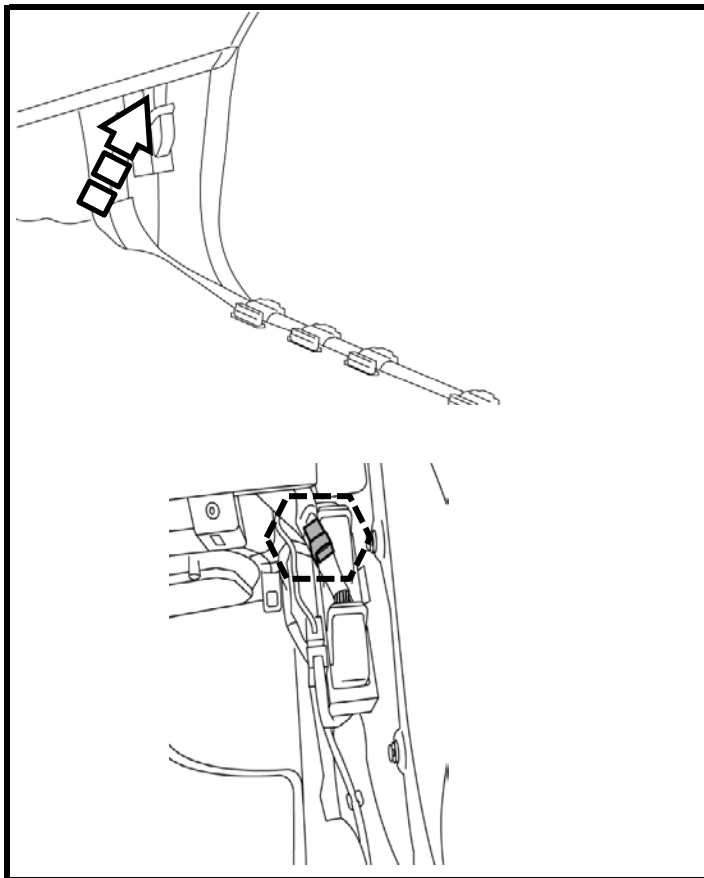
- a) When all clips are released, pull finisher toward rear of console to remove.
- b) Disconnect connectors and set finisher aside on soft work surface.



3.12) Secure down Harness Labels

- a) To prevent any squeak and rattle, wrap all labels (on accessory and on harness) around and tape down.

SECTION 4 - ASC KIT INSTALLATION

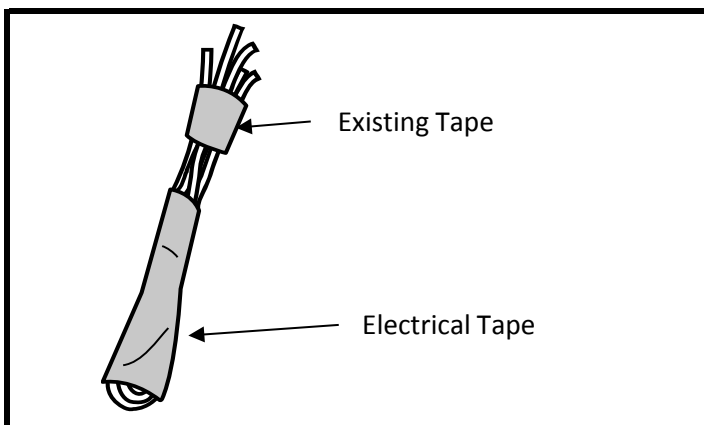


- 4.1) Locate RH side D-Opt connector
- a) Locate Dealer-Option connector taped to main harness bundle.

D-Opt Connector

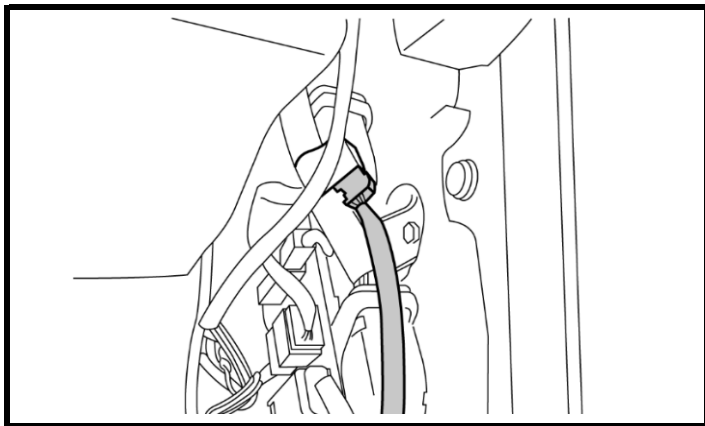


- 4.2) Locate RH side D-Opt connector
- a) If there is no pre-installed Accessory Service Connector (AAA) found on RH side on Step 3.5, move to Step 4.3.
 - b) If there is a pre-installed Accessory Service Connector (AAA) found on RH side on Step 3.5, move to Step 4.13.



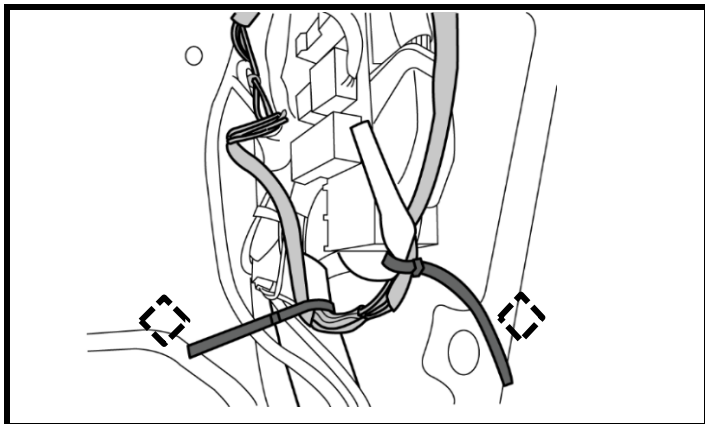
- 4.3) Route ASC Harness
- a) Wrap the LH side (longer leg with existing wrapped tape) Accessory Service Connector (AAA) harness together with vinyl electrical tape 5 or 6 times w/ 40% overlap as shown.

SECTION 4 - ASC KIT INSTALLATION



4.4) Route ASC Harness

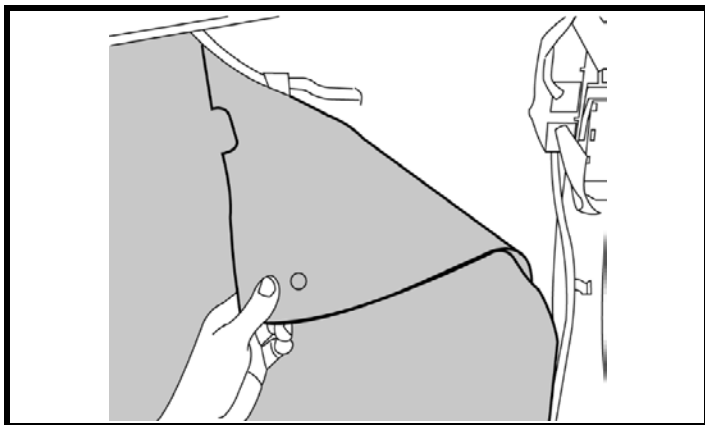
- a) Connect ASC (AAA) to D-Opt connector.



4.5) Route ASC Harness

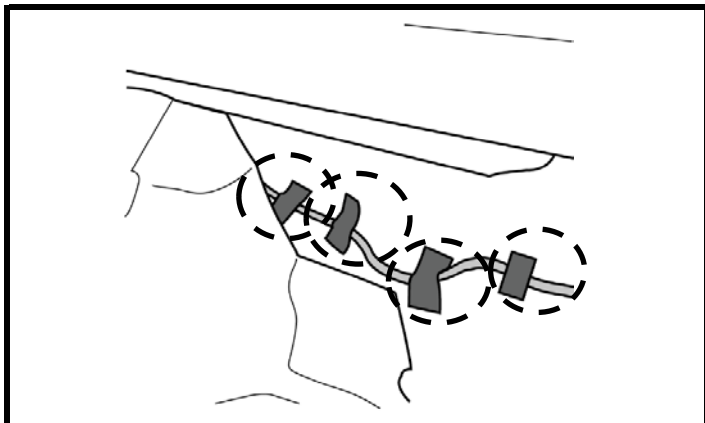
- a) Secure to vehicle harness with 2 Cable Ties (BBB) as shown.

Cable Tie (BBB)



4.6) Route ASC Harness

- a) Pull down carpet in RH footwell area.



4.7) Route ASC Harness

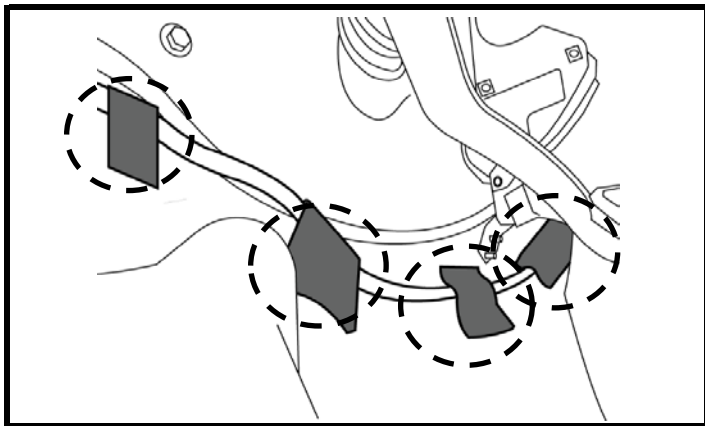
- a) Secure harness to RH footwell with 4 Foam Tape, Black (CCC) over wire harness as shown.

Foam Tape, Black (CCC)



- b) Route ASC (AAA) over to driver side by passing it through center console.

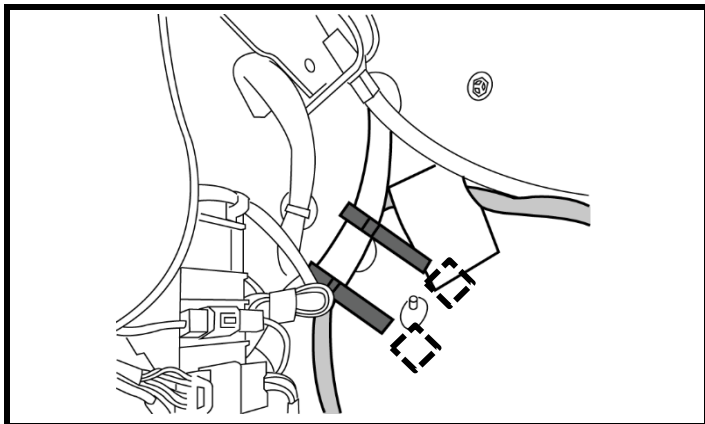
SECTION 4 - ASC KIT INSTALLATION



4.8) Route ASC Harness

- a) Pull down carpet in LH footwell area.
- b) Route ASC (AAA) under accelerator and brake pedals.
- c) Secure ASC (AAA) to floor with 4 Foam Tapes, Black (CCC) as shown.

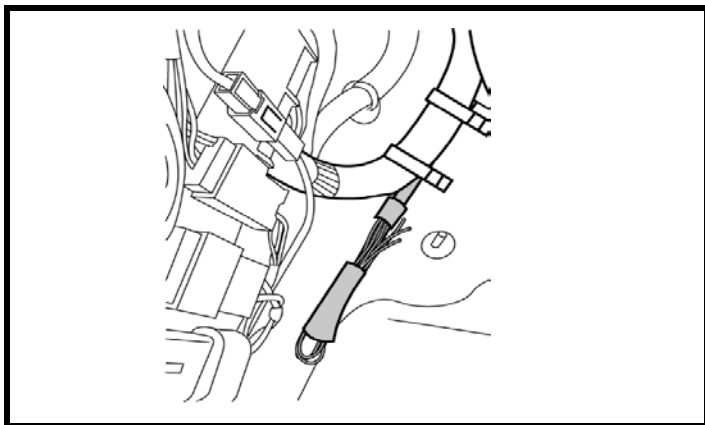
Foam Tape, Black (CCC) 



4.9) Route ASC Harness

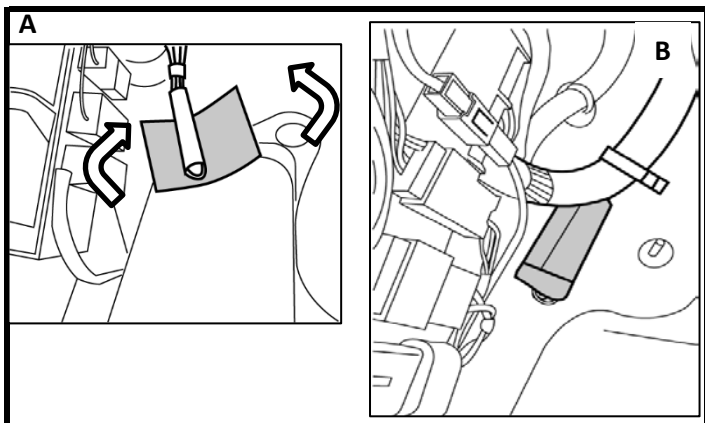
- a) Route ASC (AAA) along Body Harness and secure with 2 Cable Ties (BBB) as shown.

Cable Tie (BBB) 



4.10) Route ASC Harness

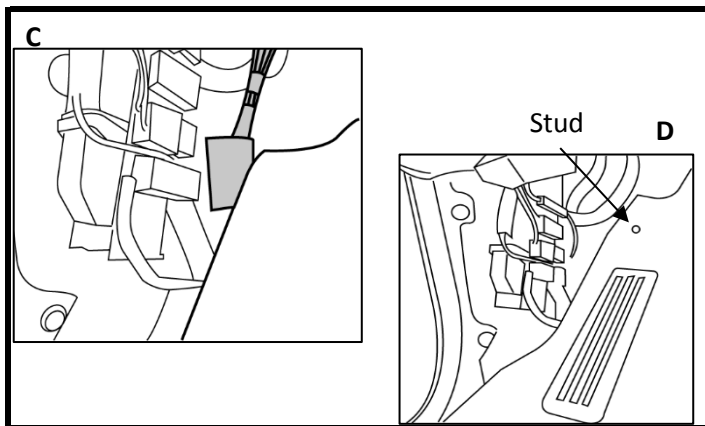
- a) ASC (AAA) wire ends should hang down as shown.



4.11) Install ASC Kit

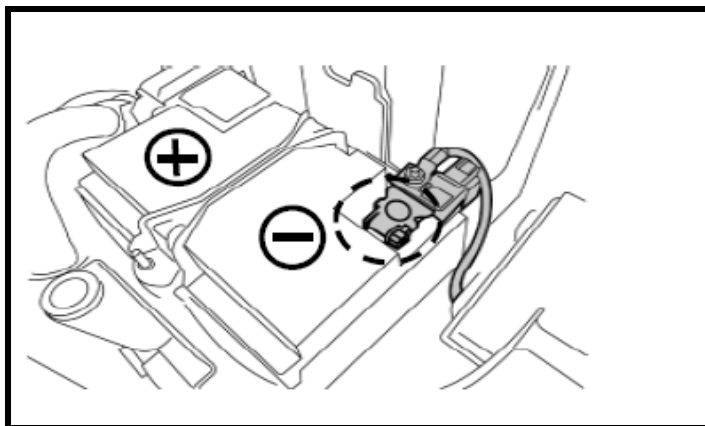
- a) Wrap the harness taped in Step 4.3 using extra piece of foam included in the kit for the Accessory and fold in half and sandwich it around the electrical tape as shown in A.
- b) Foam wrap should look like as shown in B.

SECTION 4 - ASC KIT INSTALLATION



4.12) Install ASC Kit

- Place foam wrapped harness back in the corner as shown in C.
- Place the carpet back in corner and make sure the stud is visible through the hole as shown in D.



4.13) Disconnect battery terminal

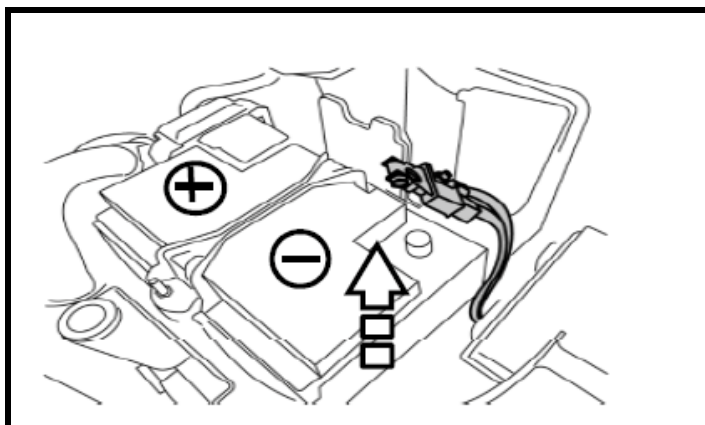
- Locate negative battery terminal.
- Loosen nut with 10mm socket.

Battery Terminal Nut



CAUTION

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



4.14) Disconnect battery terminal

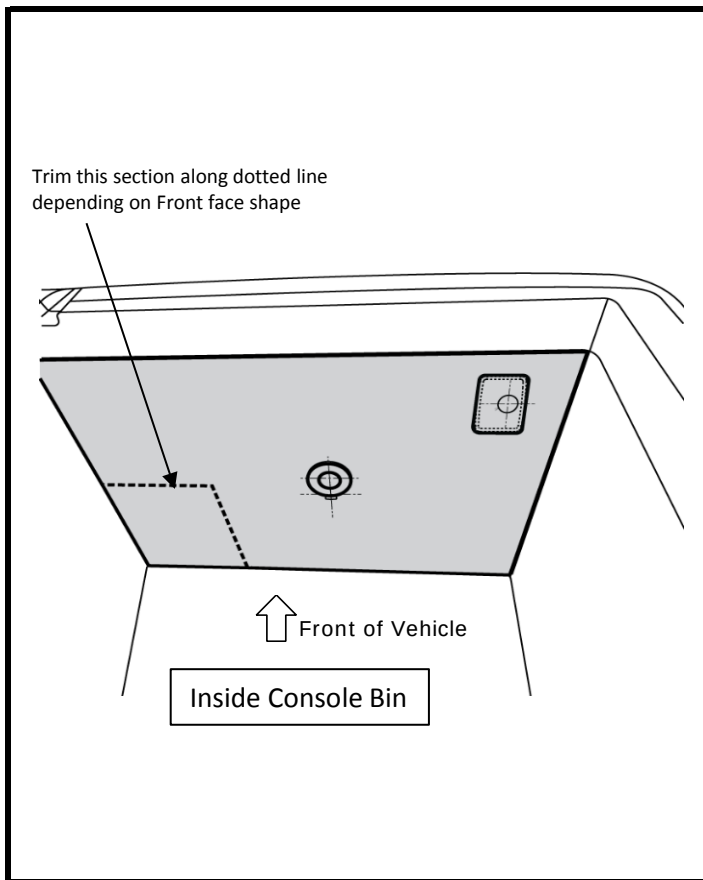
- Lift negative battery terminal off stud.
- Isolate negative battery terminal.



CAUTION

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

SECTION 5 - INSTALLATION PROCEDURE

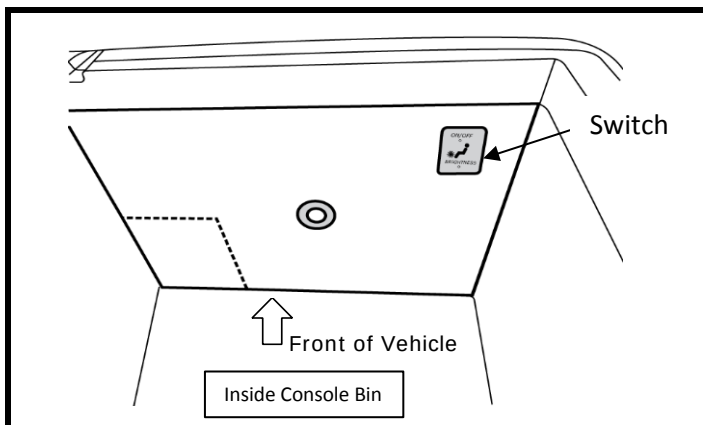


5.1) Console Bin Light and Switch preparation

- Open Console Box. Depending on the Front face trim shape of the inside of the console bin, trim template along the bottom left dotted line so that the template (from Appendix C) stays flat when placed as shown
- Measure and mark holes on the inside of the console bin
- Drill two pilot holes using 1/8" drill bit from outside of console bin to inside (facing bin interior) on three locations marked (2 for Console bin light & 1 for Switch).
- For Console Bin light, Drill 7/32" hole using lower pilot hole and 3/4" hole using upper pilot hole as shown in template.
- For Switch, Drill 3/8" hole as shown in template. Remove burrs from holes.
- Install Bin Light Bezel from inside bin.

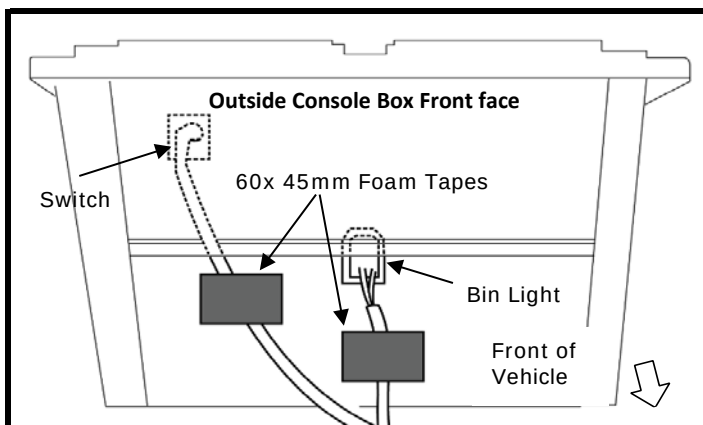
CAUTION

- 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"



5.2) Install Bin Light and switch

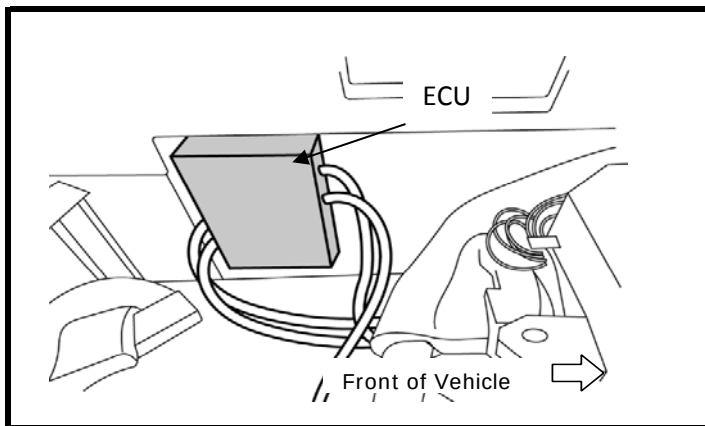
- Install light from outside into bezel with harness pointing to driver side and turn down 1/4 turn to lock light into bezel.
- Clean 3/8" switch hole with Alcohol wipe before installing switch.
- Use mounting template as guide to install
- Peel adhesive backing from switch.



5.3) Install Bin Light and switch.

- Insert Switch harness connector in hole from inside and route harness through hole.
- Contact switch adhesive to console. Press firmly and hold. **Apply 15 lbs. pressure for 20 seconds.**
- Cut 60X90mm Foam Tape into two pieces of 60X45mm Foam Tapes, using a scissor
- Place one 60X45mm Foam tape over the Switch harness and other on Bin light Harness (in the same way as that for switch harness).

SECTION 5 - INSTALLATION PROCEDURE

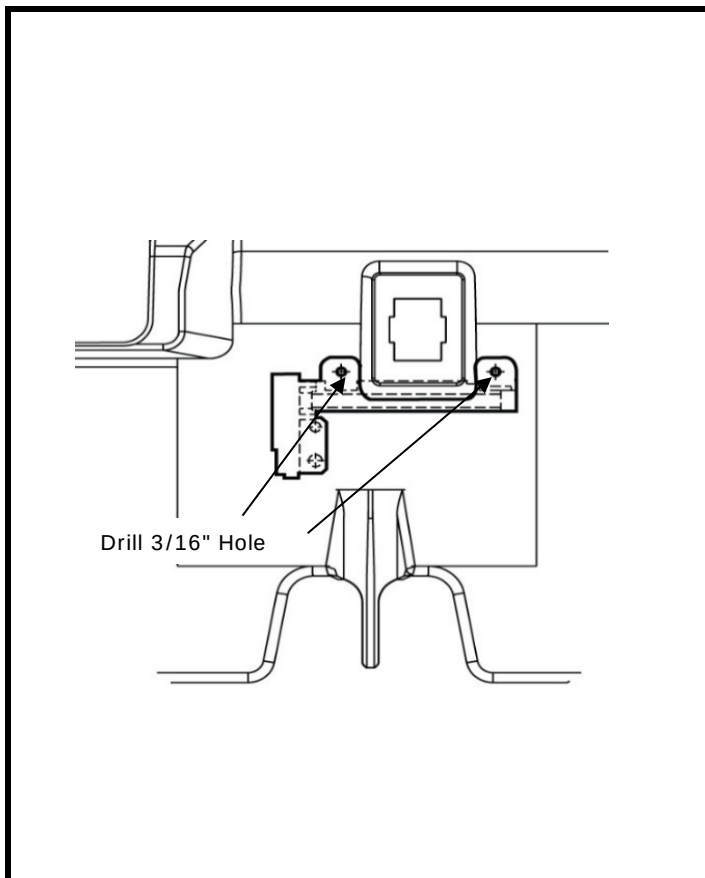


5.4) ECU Placement

- a) Locate & position ECU on left inner side of center console, just behind cross brace as shown

NOTE:

Do not adhere module to center console at this time. Step is just for location reference. Adhere module after all connectors are installed.

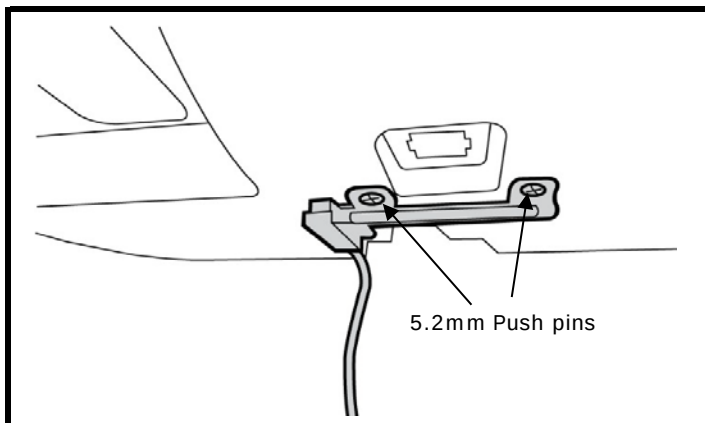


5.5) Passenger Side Lamp Installation

- a) Attach passenger side lamp to lower trim panel using drill template (from Appendix C).
- b) Using template, drill 1/8" pilot hole. Use stop on drill to go no more than 1/2" deep. Drill 3/16" hole.

⚠ CAUTION

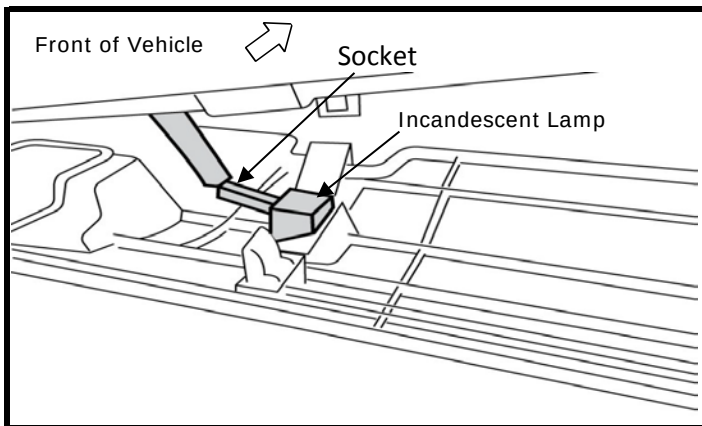
- When drilling, be extremely careful of modules and harnesses on back of panel
- Always use drill bit stop to control drilling depth to 1/4"



5.6) Passenger Side Lamp Installation

- a) Carefully attach lamp to lower trim panel with two push pins provided in the kit

SECTION 5 - INSTALLATION PROCEDURE

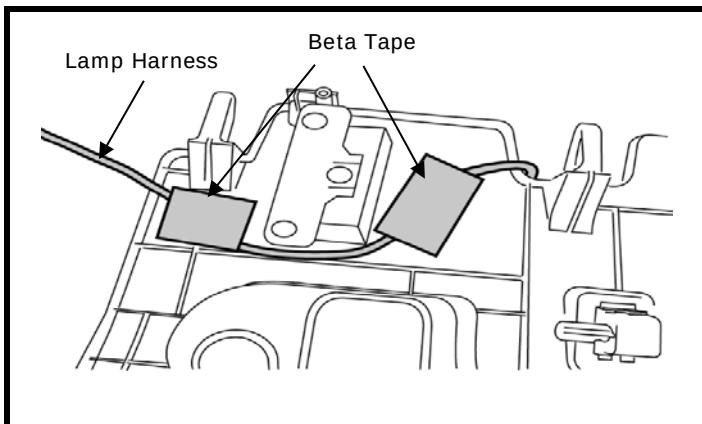


5.7) Passenger Side Lamp Installation

- a) Remove incandescent lamp from socket and re-insert connector into the housing.

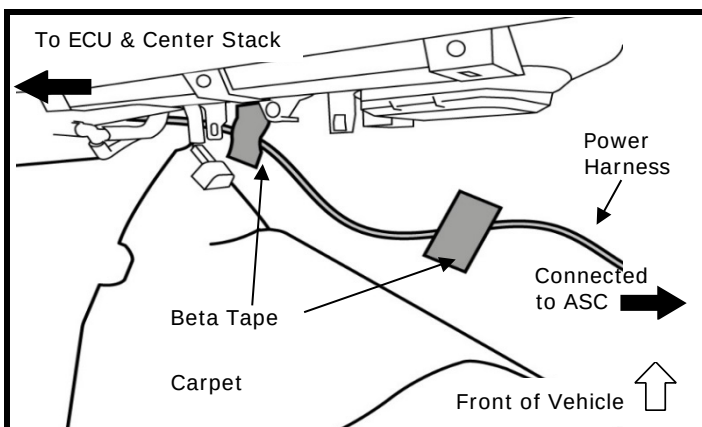
NOTE:

Repeat this step on Driver side as well.



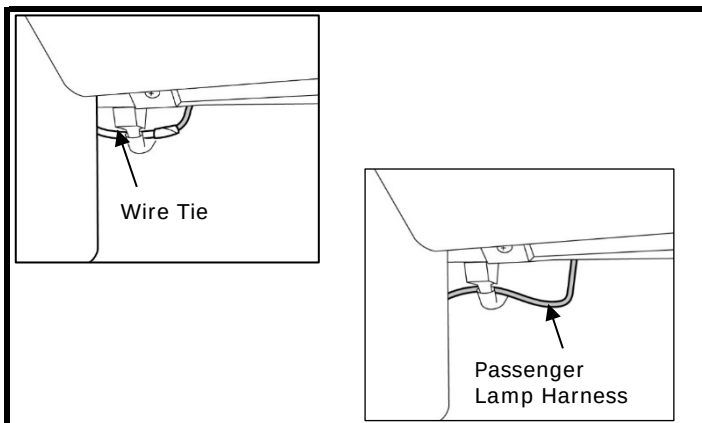
5.8) Routing Driver side Footwell Lamp Harness

- a) Route harness from passenger side lamp (in Step 5.6) back behind trim panel, around control module and secure lamp harness to panel using 2 pieces of Beta tape (provided in kit) to keep harness from sagging and close to carpet as shown



5.9) Routing Lamp Harness & Power Harness

- a) Using 30" Wire tie, route Power harness under carpet. Using supplied Beta tapes, tape harness on the carpet at locations show



5.10) Routing Lamp Harness & Power Harness

- a) Again, using 30" wire tie, route passenger lamp harness from Step 5.8 into center console as shown

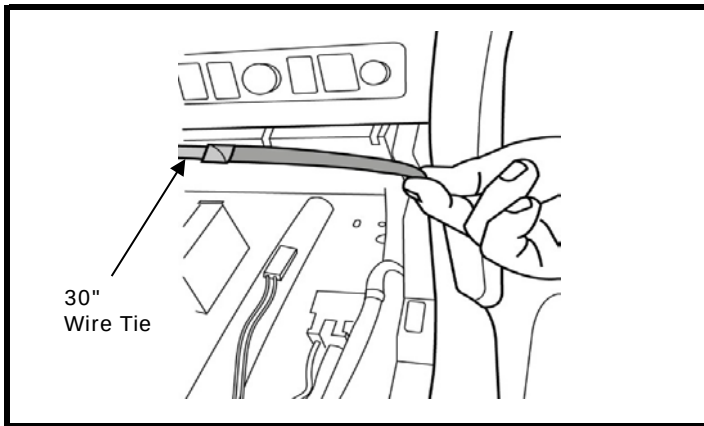
NOTE:

Do Not Disturb Drain Tube.

Do Not Apply Wire Tie to Drain Tube.

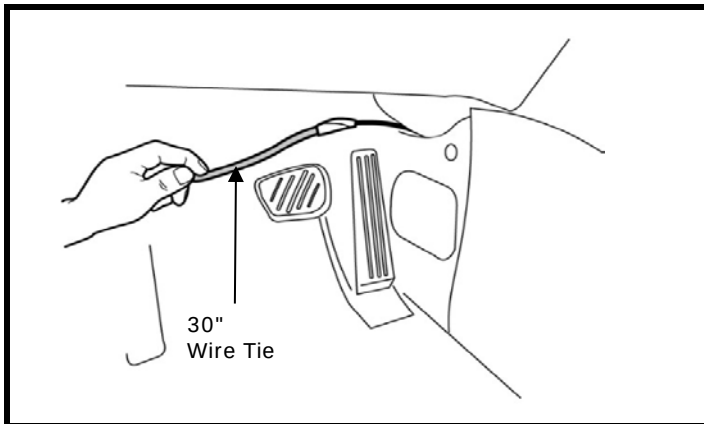
Ensure Harness Routes Behind and Under Drain Tube.

SECTION 5 - INSTALLATION PROCEDURE



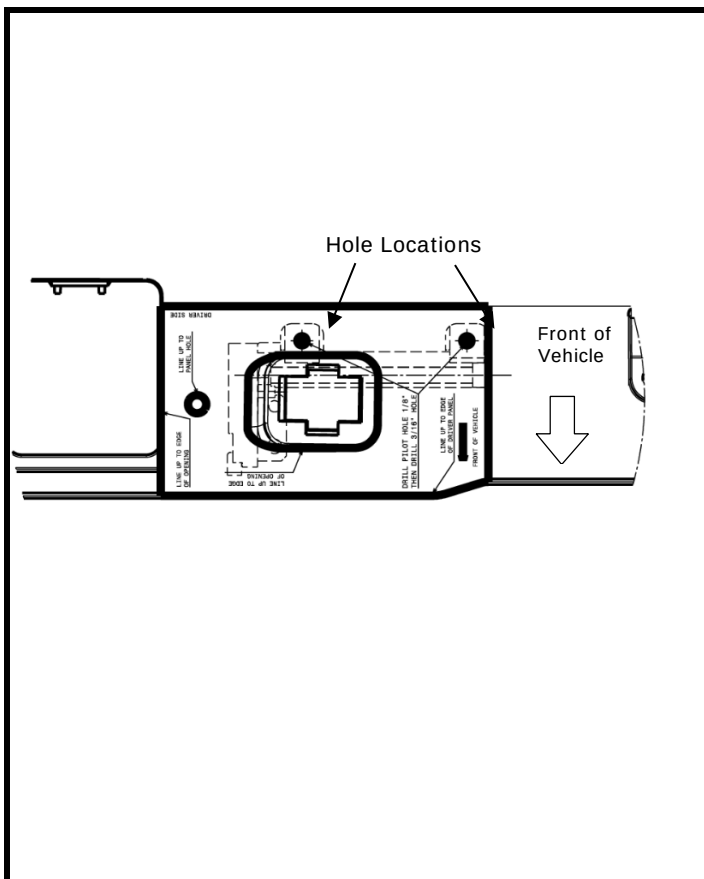
5.11) Routing Lamp Harness & Power Harness

- a) Route harnesses along using the wire tie into center console as shown



5.12) Routing Lamp Harness & Power Harness

- a) Use 30" wire tie to feed the driver's side footwell lamp from the passenger side to driver's side



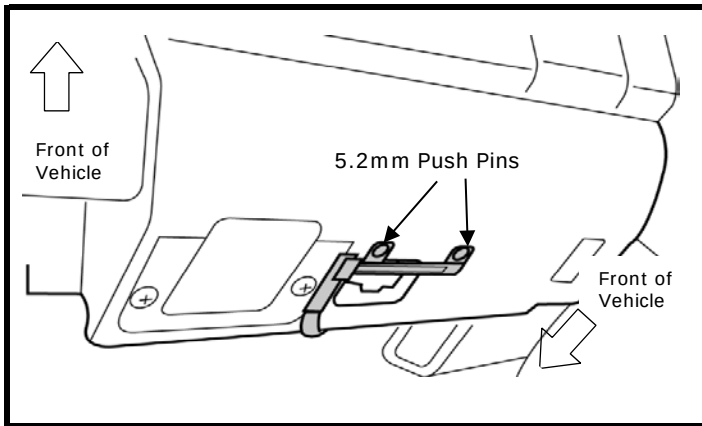
5.13) Driver Side Lamp Installation

- a) Tape mounting area to protect panel.
- b) Using appropriate template (from Appendix C), mark and drill 1/8" pilot hole.
- c) Finish hole with 3/16" drill bit and deburr. Tape drill to control depth to 1/4 "

CAUTION

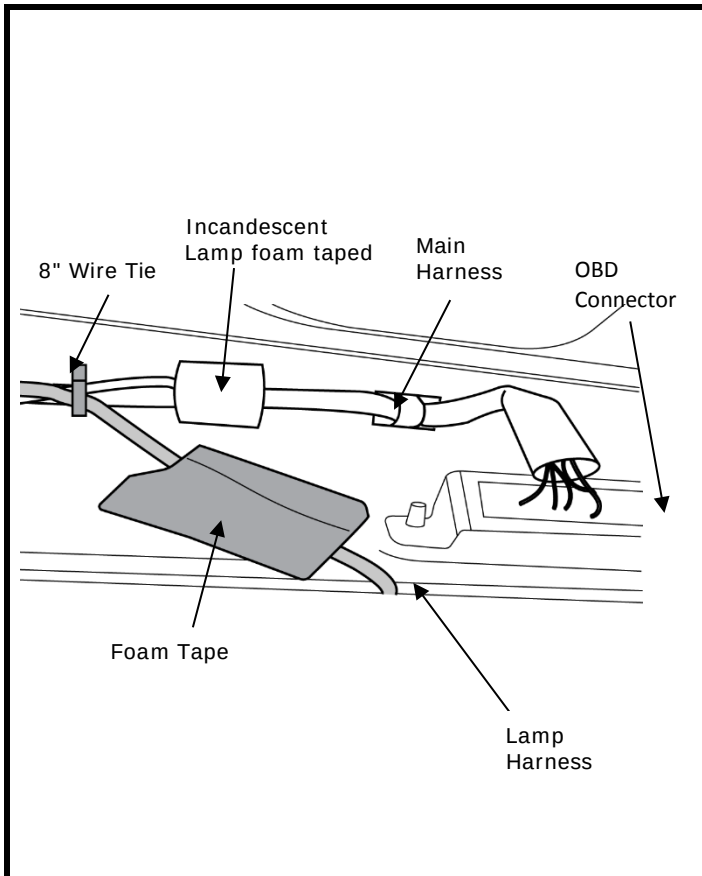
- When drilling, be extremely careful of modules and harnesses on back of panel
- Always use drill bit stop to control drilling depth to 1/4 "

SECTION 5 - INSTALLATION PROCEDURE



5.14) Driver Side Lamp Installation

- Remove tape cover before attaching light to panel.
- Use two push-pin fasteners supplied in kit to secure lamp to panel. Route Driver side light assembly harness towards front of vehicle and under the panel

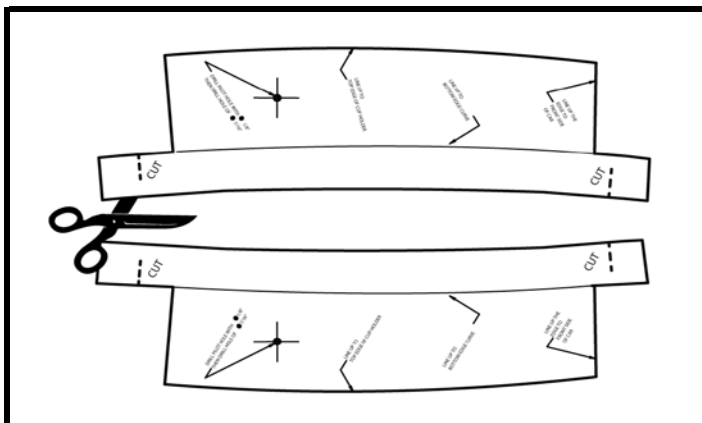


5.15) Routing Driver Side lamp wire

- Wire tie accent light harness to factory/main harness (from OBD Connector) directly above interior light.
- Carefully route wire along harness and behind pedals over to center stack. Trim all cable ties.
- Foam Tape behind the panel. Route harness as shown

NOTE:

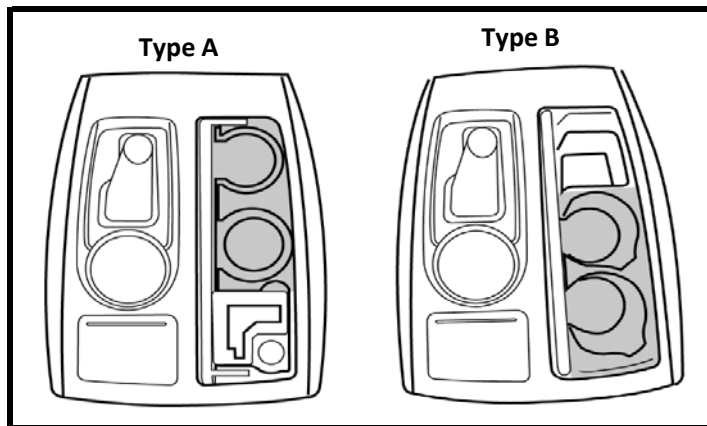
Ensure harness is secured and no slack can be caught by steering shaft or pedals



5.16) Cup holder lights mounting

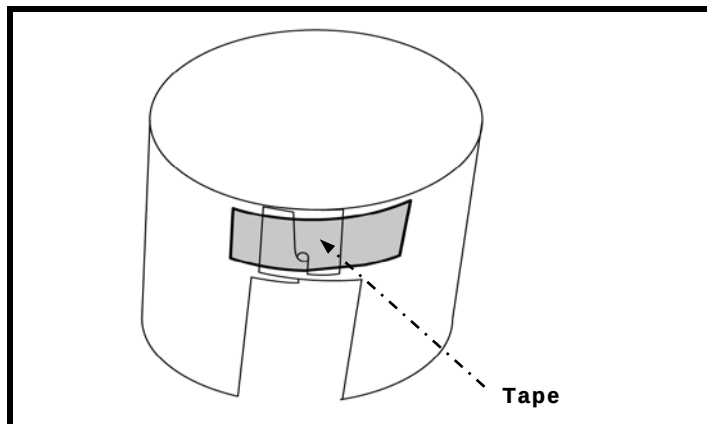
- Print Cup Holder templates (from Appendix C) for drill hole locations.
- Measure 1" scale box to confirm size.
- If scale box is too large, reduce image %.
- Use scissors to cut out each template.
- Cut line at each end to form slit.

SECTION 5 - INSTALLATION PROCEDURE



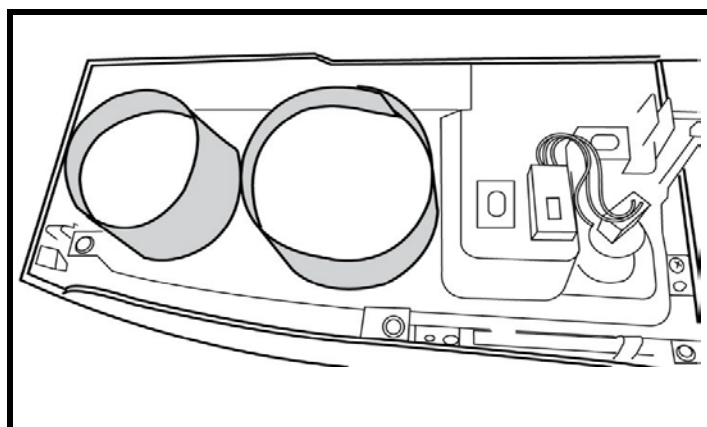
5.17) Cup Holder Template Selection

- a) Depending on the location of the Cup Holders in the center console (as grayed out in the corresponding figure), select templates from Appendix C
- b) For Type A Cup Holders, use A-1 & A-2 Pair of templates.
For Type B Cup Holders, use B-1 & B-2 Pair of templates.



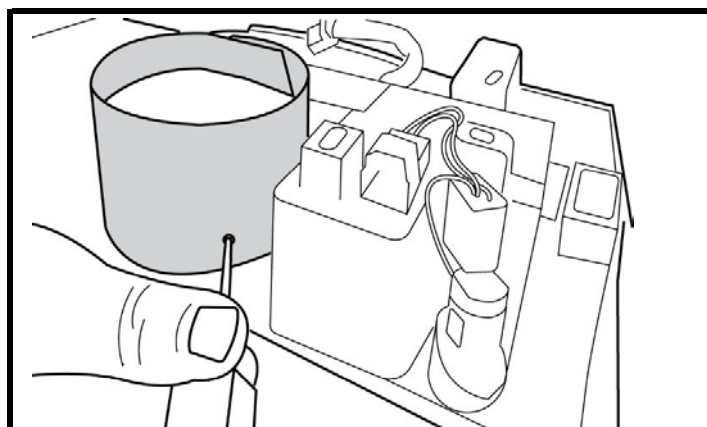
5.18) Mark hole location template collar.

- a) Engage slits and tape flat to make collar.



5.19) Align hole location template collars

- a) Align front template collar with front cup holder and place in position
- b) Align rear template collar with rear cup holder and place in position.



5.20) Mark front and rear hole locations

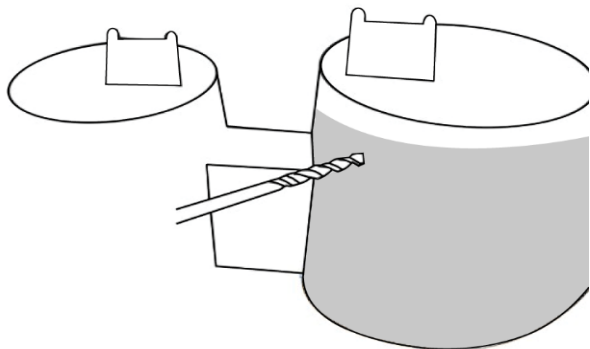
- a) Use an awl or center punch to mark each hole location

5.21) Mark and drill pilot hole.

- a) Remove paper template collars
- b) Drill a 1/8" pilot hole for each location. Make sure to drill 1/8" pilot hole while keeping the insert on, for rear cup holder

⚠ 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"

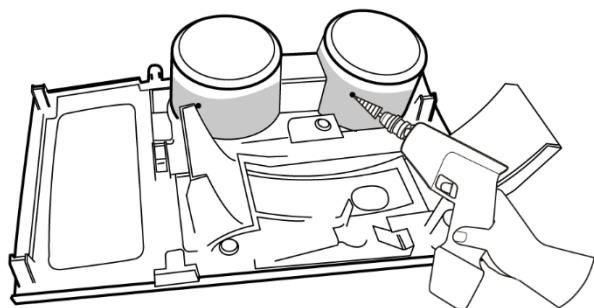


5.22) Drill hole for lamp lens opening

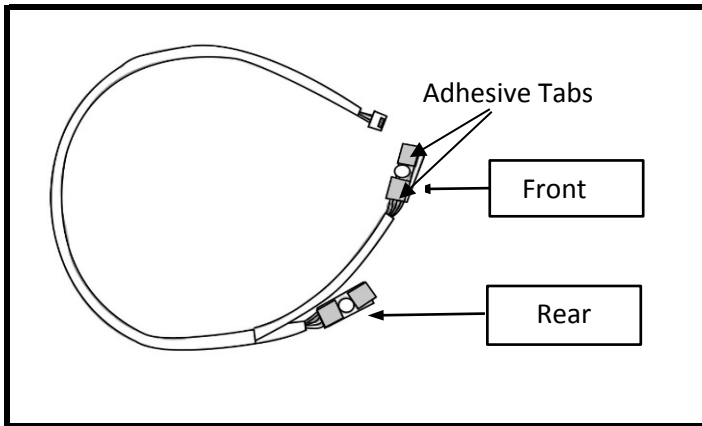
- a) Drill 7/16" hole for each location
- b) Remove insert from rear cupholder & drill 7/16" holes on both of them separately.
- c) Inspect inner wall of cup holders for burr
- d) Carefully remove burr if necessary
- e) Place the insert back into the cupholder aligning its hole with cupholder

⚠ CAUTION

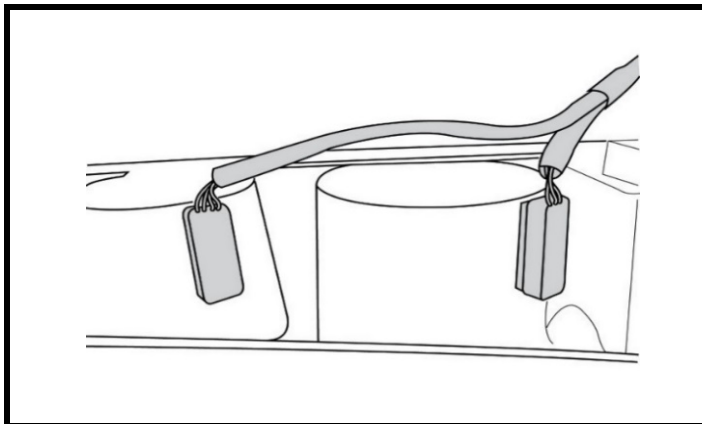
- When drilling, be extremely careful of modules and harnesses on back of panel
- Always use drill bit stop to control drilling depth to 1/4"



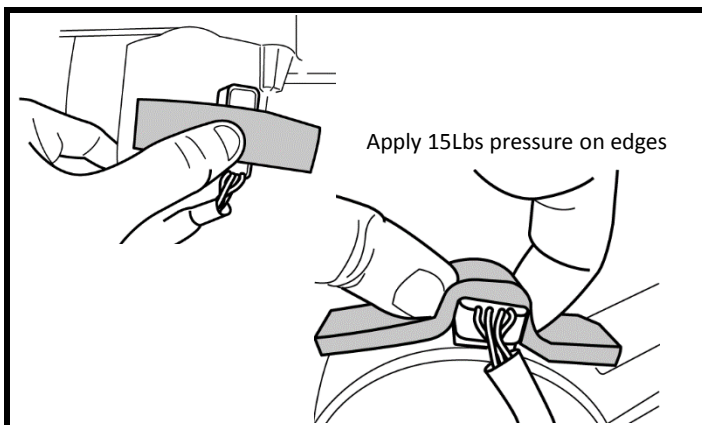
SECTION 5 - INSTALLATION PROCEDURE



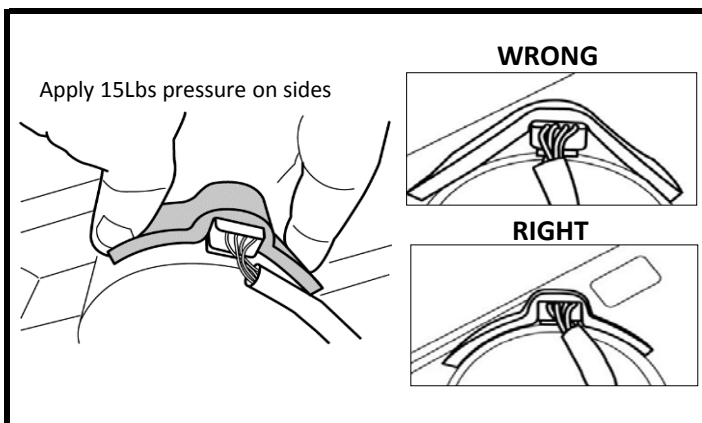
- 5.23) Prepare cup holder for LED lamp installation
- Remove dust/debris from drilling steps
 - Use Alcohol wipe to clean off area around hole



- 5.24) Cup holder lamp orientation
- Peel adhesive tabs from front lamp
 - Align lamp with cup holder, with harness routed toward bottom of cup holder as shown
 - Insert lamp lens in hole and contact adhesive pad to side of cup holder
 - Press front lamp firmly and hold. **Apply 15 lbs. pressure for 20 seconds**
Repeat steps a) through d) for rear lamp

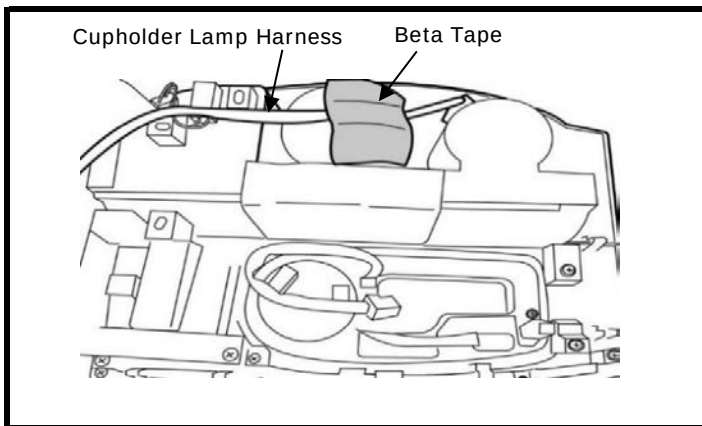


- 5.25) Installing Secondary Tape on Cup Holder Lamps
- Peel off adhesive and non-adhesive side papers from Secondary tape
 - Keeping proper alignment, place tape at center of rear side of cup holder lamps as shown
 - Wrap tape along sides of lamp. Press firmly & apply even **15lbs pressure for 20 seconds** on either edges of lamp, as shown
 - Ensure there are no air gaps on sides of lamp



- 5.26) Installing Secondary Tape on Cup Holder Lamps
- Press tape firmly & apply even **15lbs pressure for 20 seconds** on sides of the tape
 - Inspect installation to verify right installation, as shown
Repeat Steps 5.24 to 5.26 for other lamp

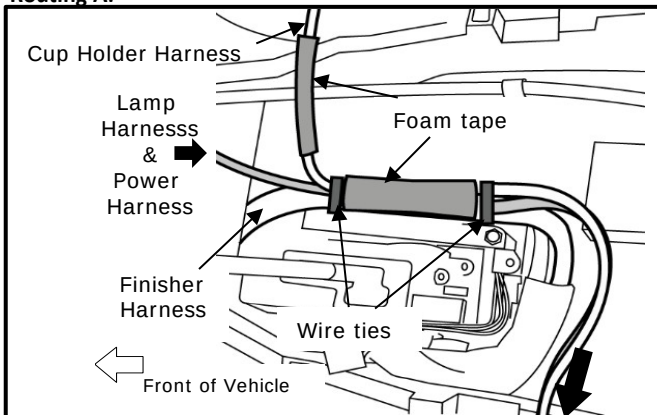
SECTION 5 - INSTALLATION PROCEDURE



5.25) Route and secure cup holder lamp harness.

- Apply Carpet tape to secure harness to console.
- Route harness toward rear of finisher.
- Tape harness on Cupholder using Beta tape as shown.

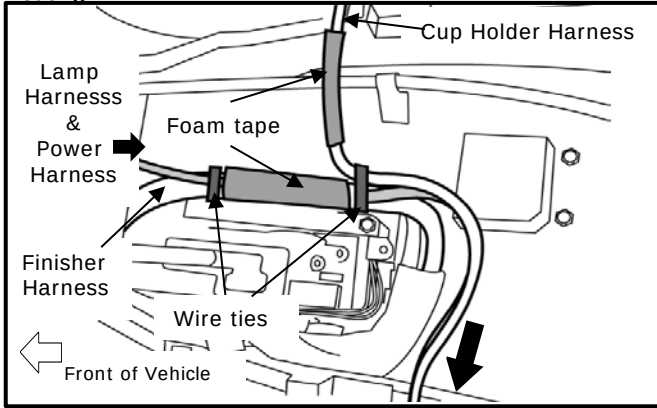
Routing A:



5.26) Center Console Harnesses Routing

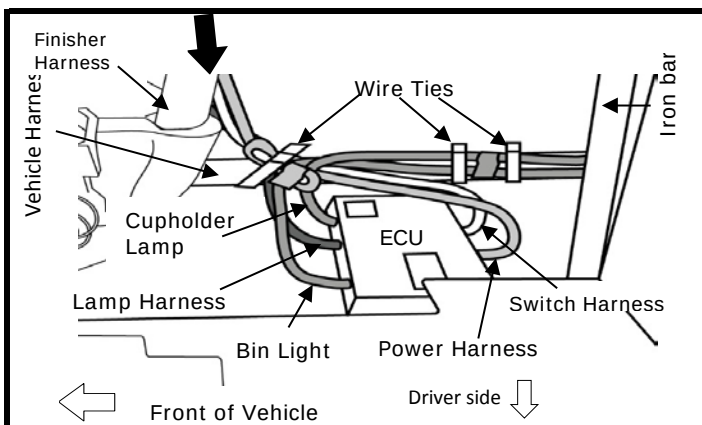
- Depending on the type of Cup Holder trim chosen in Step 4.17, select routing from the corresponding figure
- For Type A Cup Holders, Select Routing A. For Type B Cup Holders, Select Routing B.
- Route Cup Holder Harness in center console along with Lamp and Power Harness along finisher harness and secure using wire ties at locations shown.
- Apply Foam Tapes at locations shown.
- Follow dark arrow in the corresponding figure to the figure corresponding to Step 5.27 for Harness routing.

Routing B:

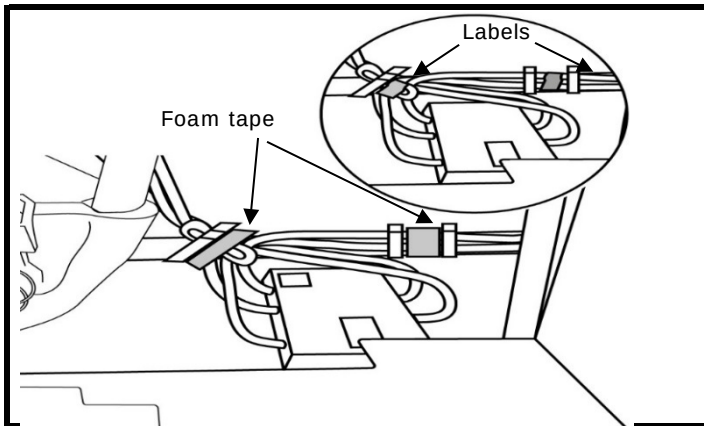


5.27) Center Console Harnesses Routing

- Route Harness bundle under the finisher harness to the ECU, as shown.
- Route Switch & Bin Light Harness from ECU under Iron bar along Vehicle harness, as shown.
- Bundle any extra harness and wire tie them as shown.

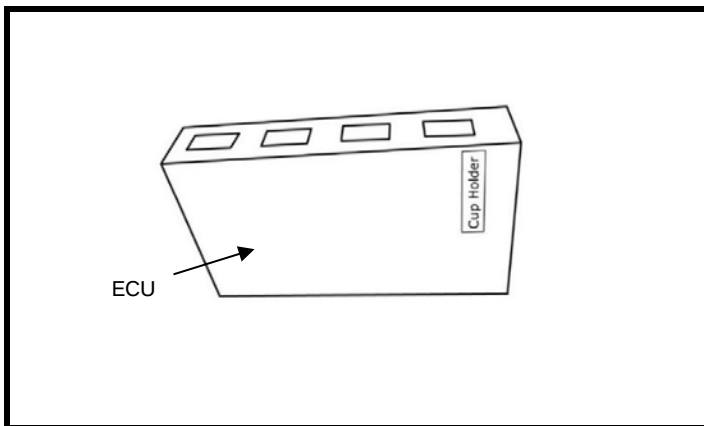


SECTION 5 - INSTALLATION PROCEDURE



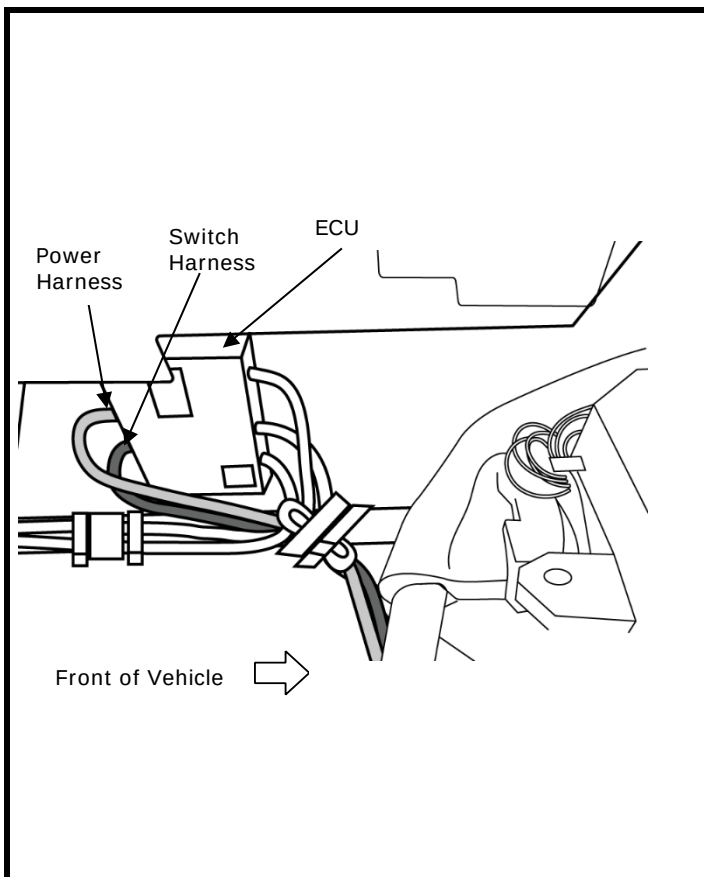
5.28) Center Console Harnesses Routing

- Secure harnesses with foam tape as shown, covering the labels
- If necessary, Cut 60X90mm Foam Tape into two pieces of 60X45mm Foam Tapes, using a scissor and foam tape them at locations shown



5.29) ECU connection port identification

- 5 pin OUT ports
- Plug cup holder lamps into 5 pin OUT port # 1** (labeled with cup holder tag)
- Plug footwell lamps into any of the remaining 5 pin OUT port
- Plug power harness into 7 pin VEHICLE port
- Plug switch into 4 pin SWITCH port



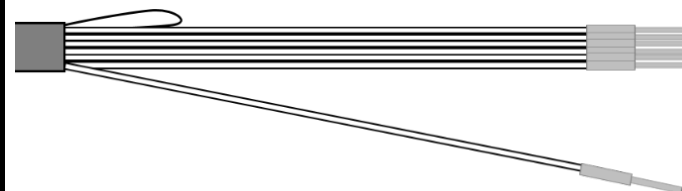
5.30) ECU/ Switch connection

- Route power harness to controller module
- Plug main harness into 7 pin VEHICLE port. Press firmly, listen for "Click" and give a slight tug to check
- Route switch harness to controller module. Plug switch harness into 4 pin OUT port. Press firmly, listen for "Click" and give a slight tug to check
- Peel release liners off ECU adhesive tape. Position ECU on left of center console as shown.
- Firmly press module to console wall. Press firmly and hold. **Apply 15 lbs. pressure for 20 seconds.**

⚠ 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)
end**

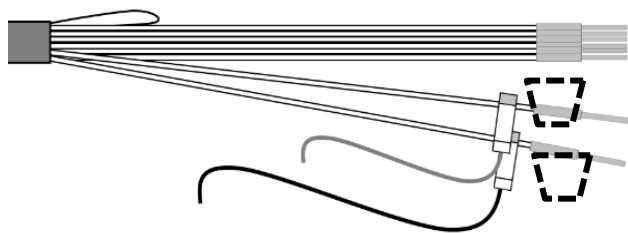


6.1) Connect ASC (AAA) to Interior Accent Lighting (ILK) module

- a) For detailed directions, see Appendix A - Posi-Tap Procedure.
- b) Additional circuit information is in Appendix B - Mechanization Drawing.

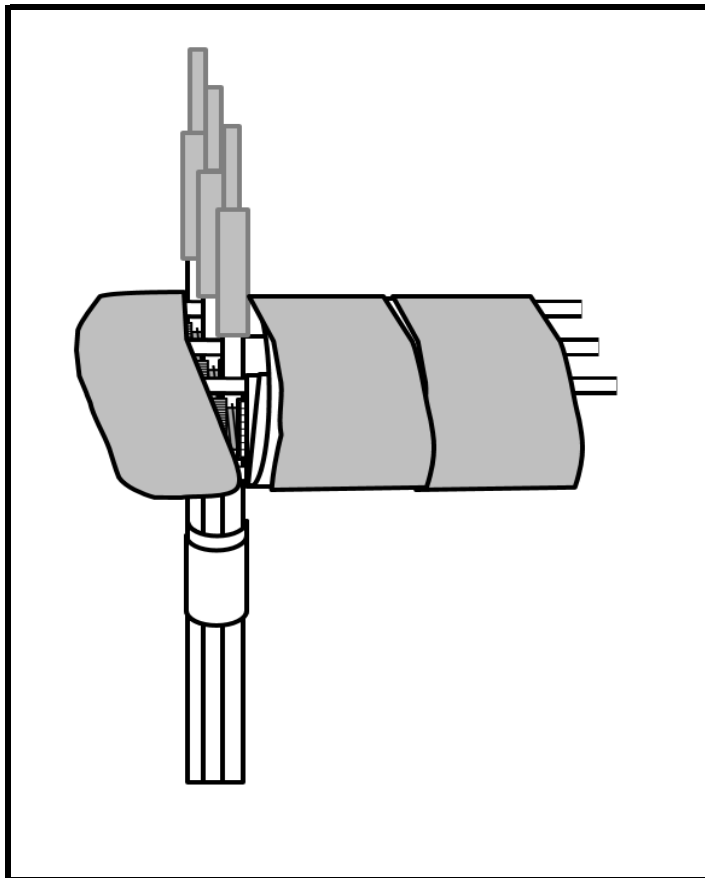
6.2) Connect ASC (AAA) to ILK Module

- 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 "IGN" (WHITE wire) of the ASC (AAA) as shown.
- c) Using a Posi-Tap, connect the PINK wire from Power Harness to "BATT_SAVER" (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



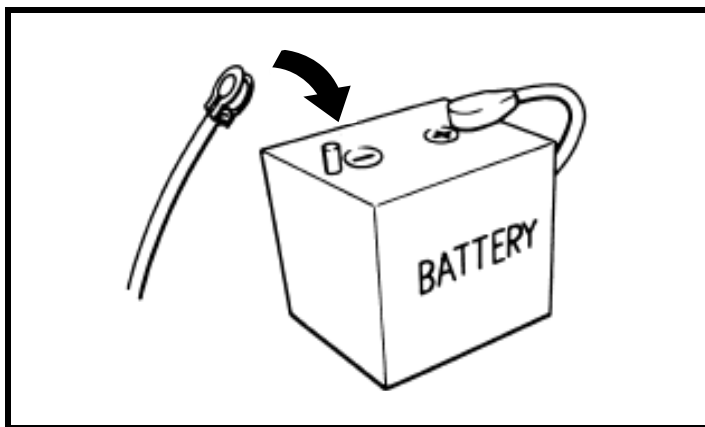
Posi Tap (F)





6.3) Connect ASC (AAA) to ILK Module

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



6.4) Electrical function check

- a) Re-connect negative battery cable

6.5) Electrical function check

- a) If NG, check fusing, harness routing, connections, and ILK 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 7 - FINAL TRIM INSTALLATION

7.1) Reinstall trim panels

- a) Reinstall lower kick trim & Instrument Lower covers (& connectors) that were removed.
- b) Place & reinstall Front door sill weatherstrip along front RH & LH bottom edge respectively that were removed.
- c) While carefully adjusting the center console harness (if any), align clips, press & lower center console to engage clips.
- d) Plug heated seat connectors back into the cup holder trim and reinstall the cup holders.

7.2) Reinstall Gear selector knob

- a) Check clip for proper installation on knob.
- b) Place knob on lever and press down.
- c) Pull boot up and secure retainer ring to base of shift knob.

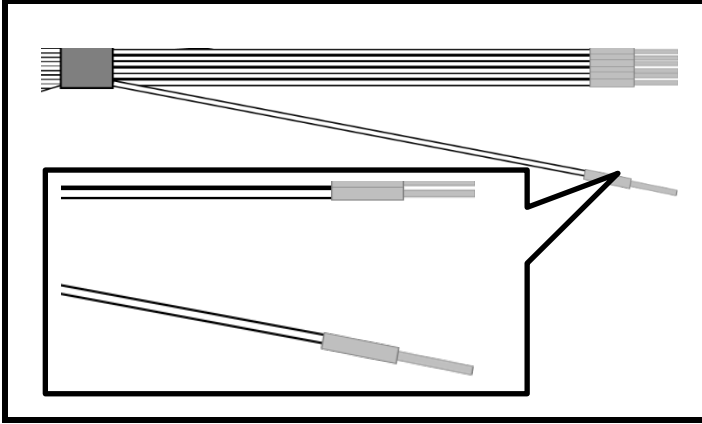


Take care not to scratch or damage any component during the removal or re-installation process. Trim pieces found to have witness marks or broken clips should be replaced with new parts.

7.3) Complete checklist:

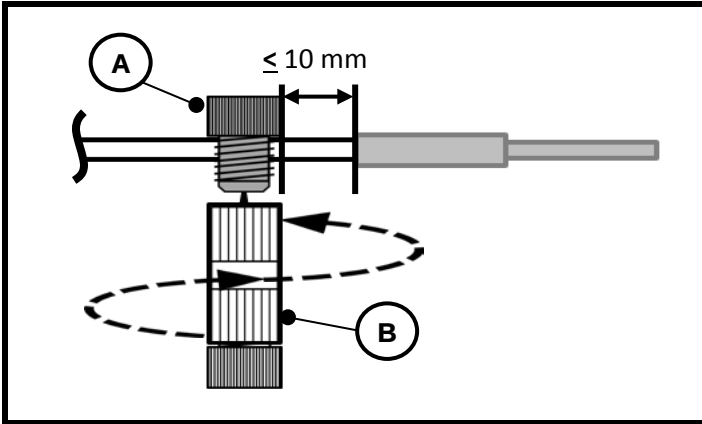
- ☐ Tighten battery terminal nut to 5 N-m.
- ☐ Verify re-installed trim parts for proper fit (no gap, waviness, etc.), particularly the door sill weather
- ☐ Verify all windows and sunroof (if equipped), one touch operation and perform the reset procedure if necessary. Refer to the vehicle Service Manual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

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



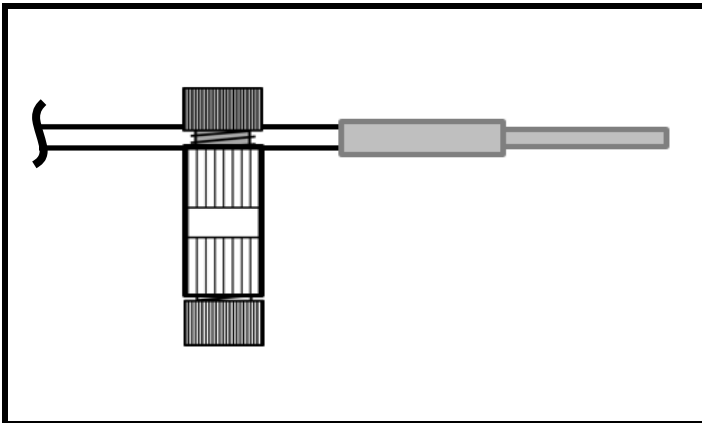
A.2) Installing Posi-Tap™ on ASC (AAA)

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



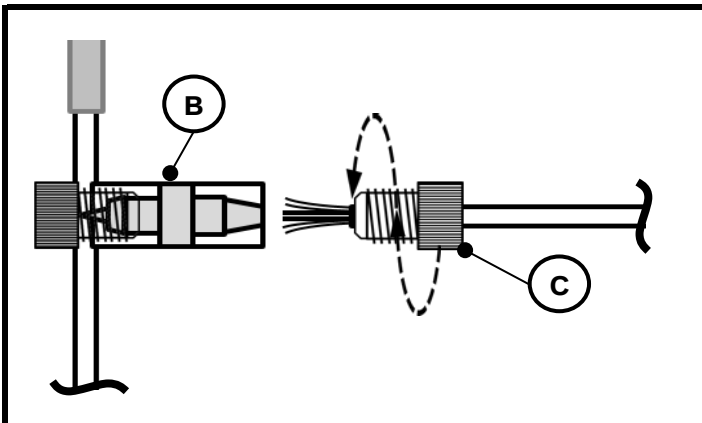
CAUTION

Do not overtighten Posi-Tap, it may damage wire



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

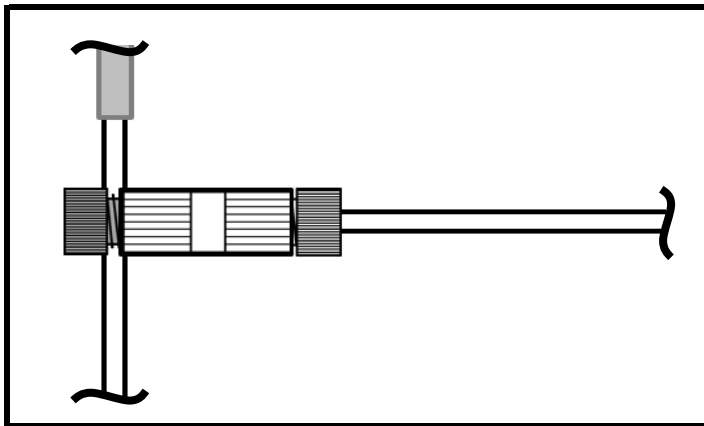
- Inspect Posi-Tap™ to ensure correct installation.
- Wire jacket should be crushed enough to maintain pressure.
- Confirm tap cap gap is straight and evenly spaced around perimeter.



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

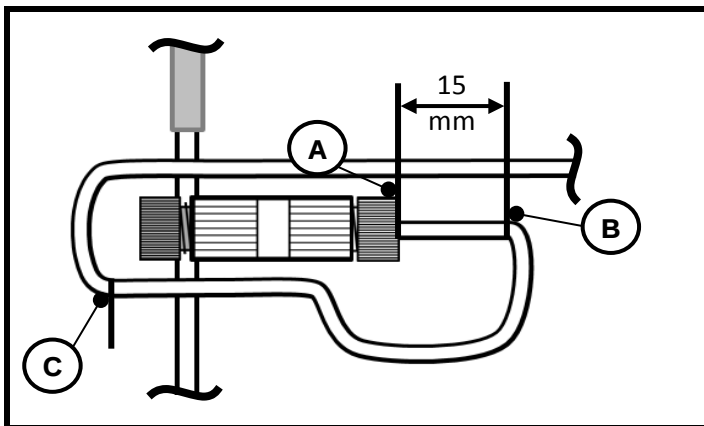
- Remove tap bottom (C) red side from tap body (B).
- Remove the pre cut insulation from correct Accessory wire.
- Insert wire through tap bottom (C) opening.
- Fan out individual wire strands as shown.
- Insert wire into tap body until it bottoms out.
- Turn tap bottom (C) clockwise until finger "tight".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

APPENDIX A - POSI-TAP PROCEDURE



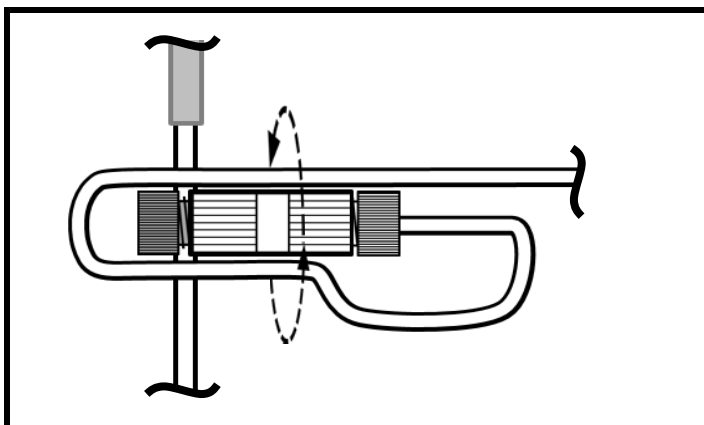
A.5) Installing accessory wire into Posi-Tap™

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



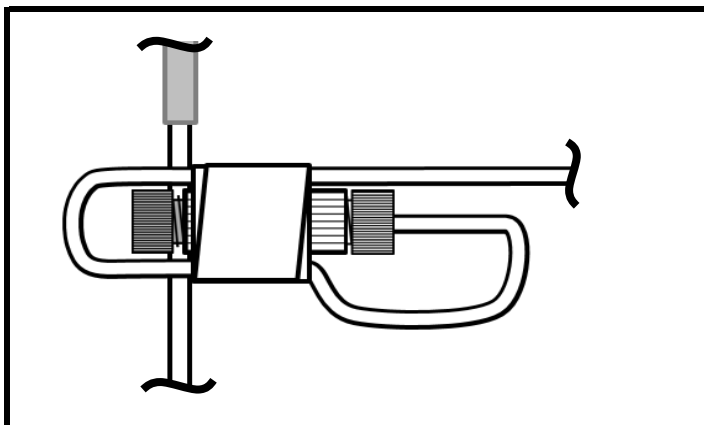
A.6) Accessory wire strain relief

- 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).



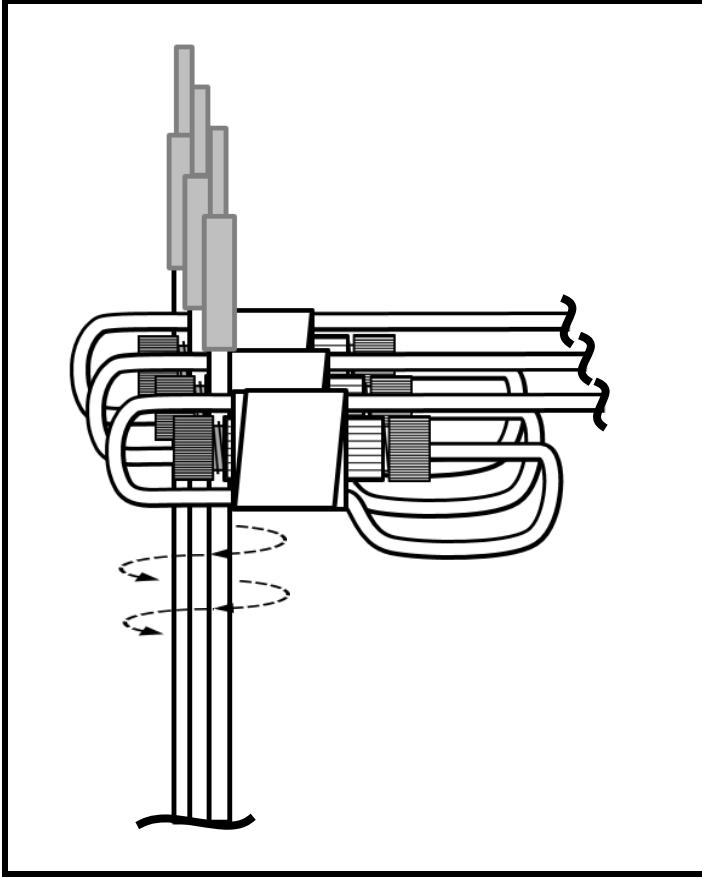
A.8) Accessory wire strain relief

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

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

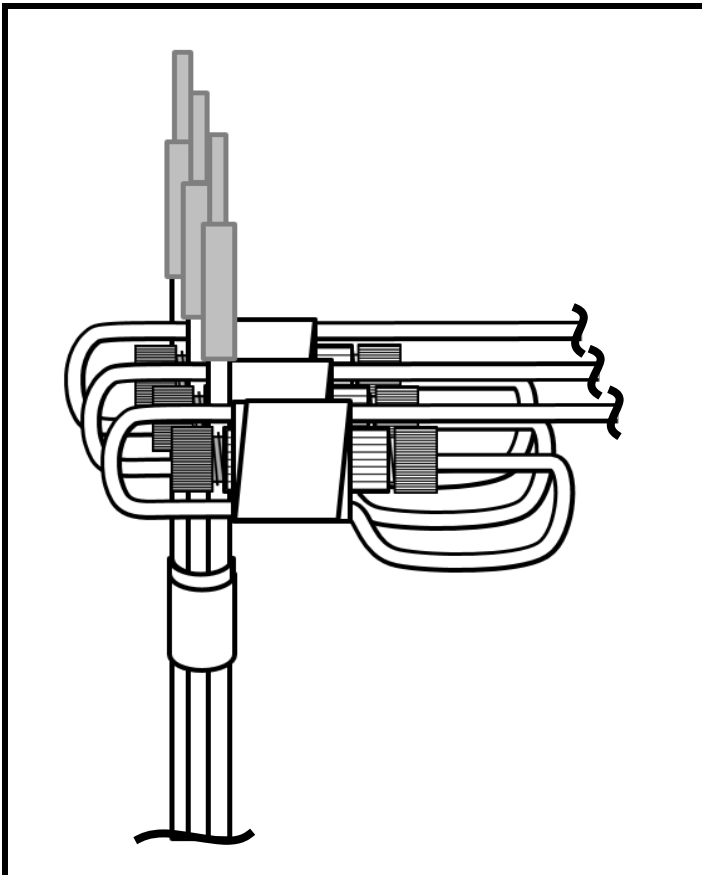
- a) Repeat steps A.1 - A.8 for all other wires requiring a Posi-Tap™.

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).

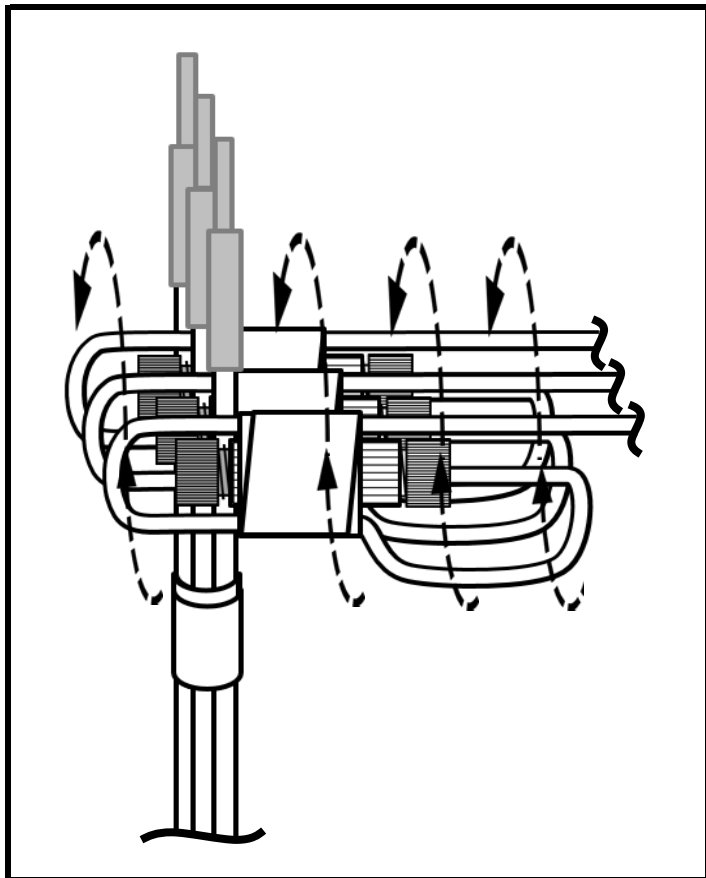


A.11) Securing multiple Posi-Taps™ together

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

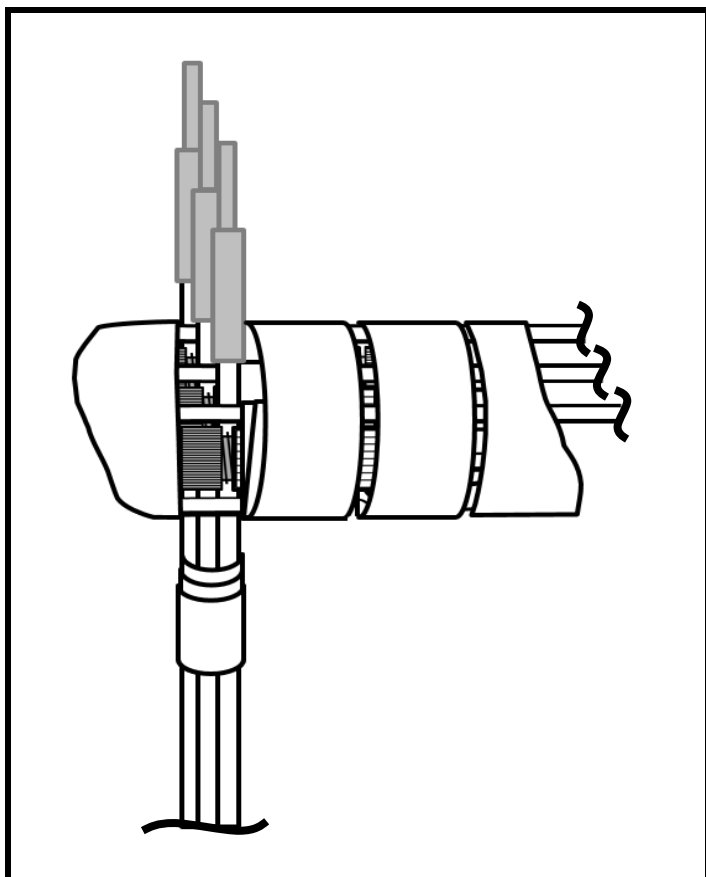
A.12) Securing multiple Posi-Taps™ together

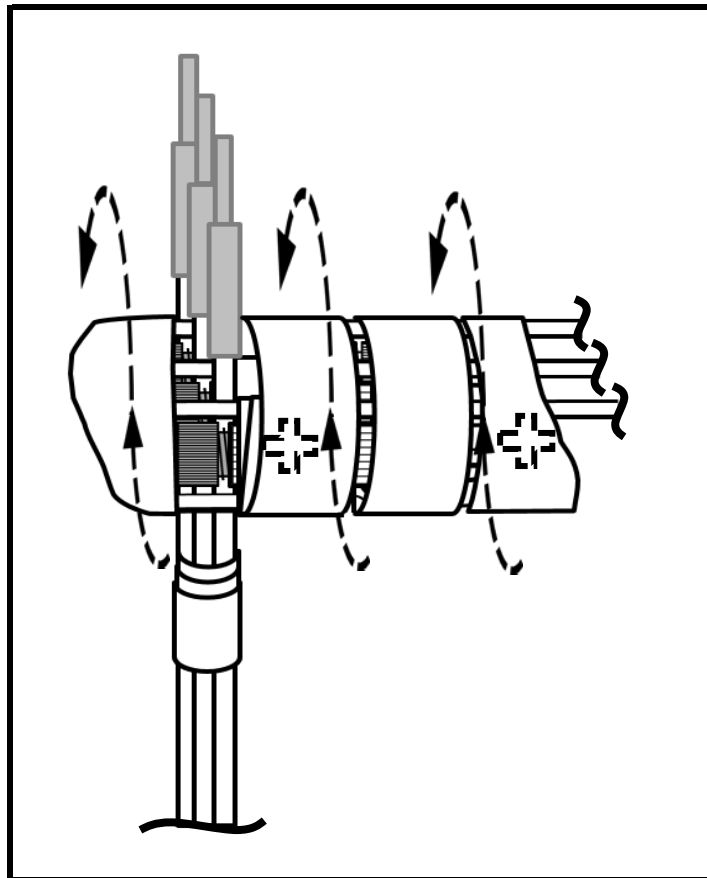
- a) Secure Posi-Taps™ together with electrical tape (≥ 4 revolutions).



A.13) Securing multiple Posi-Taps™ together

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

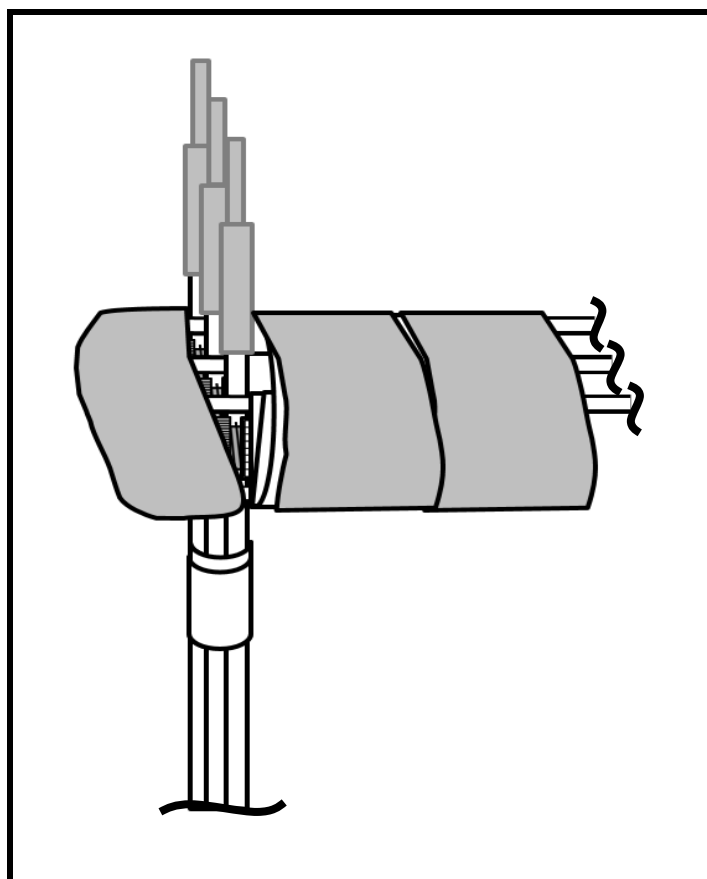




A.14) Securing multiple Posi-Taps™ together

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

Foam Tape

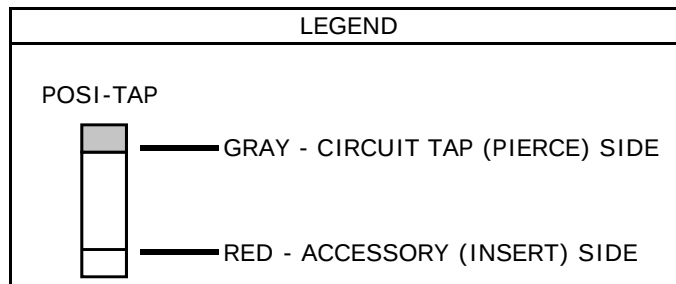
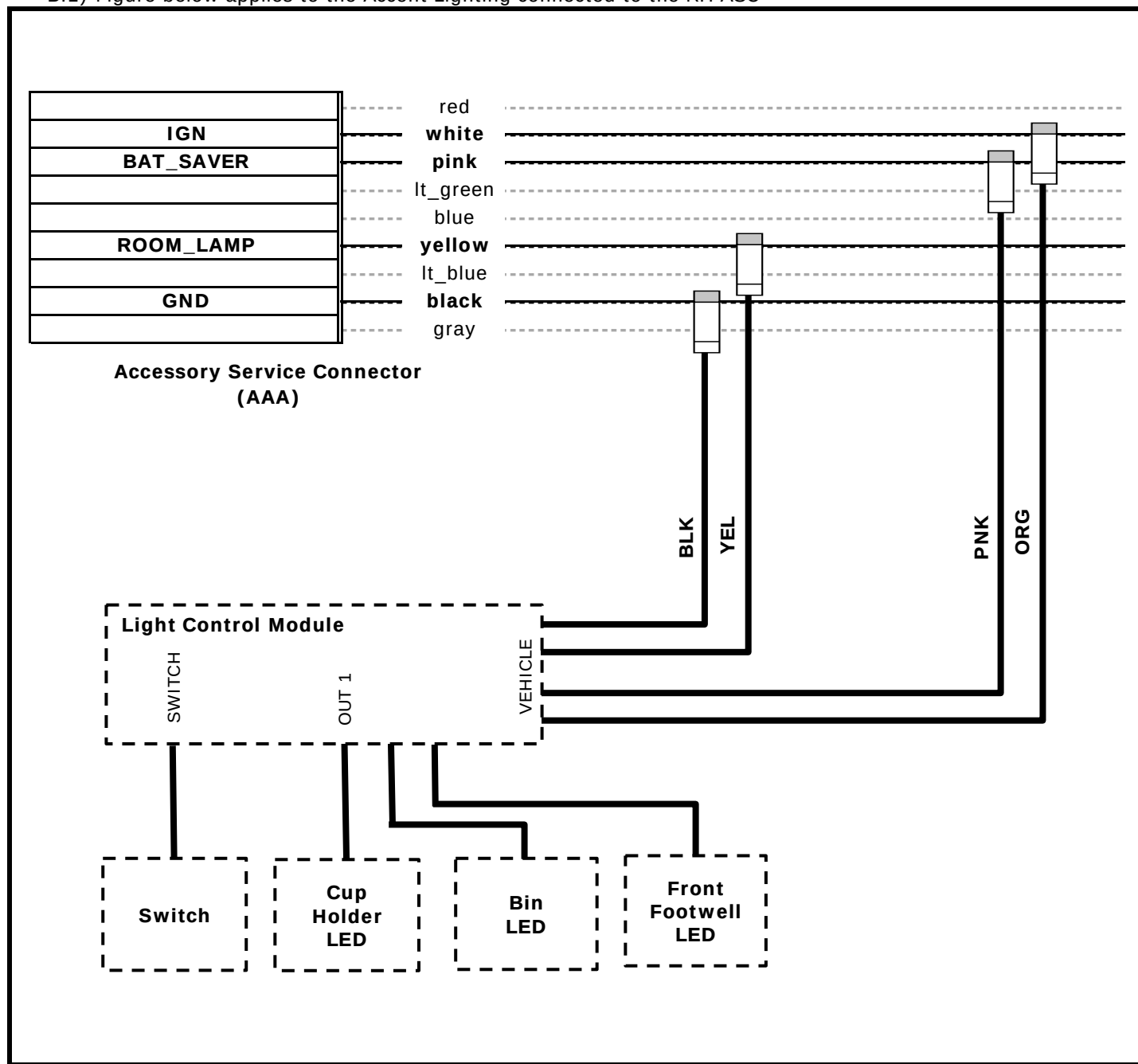


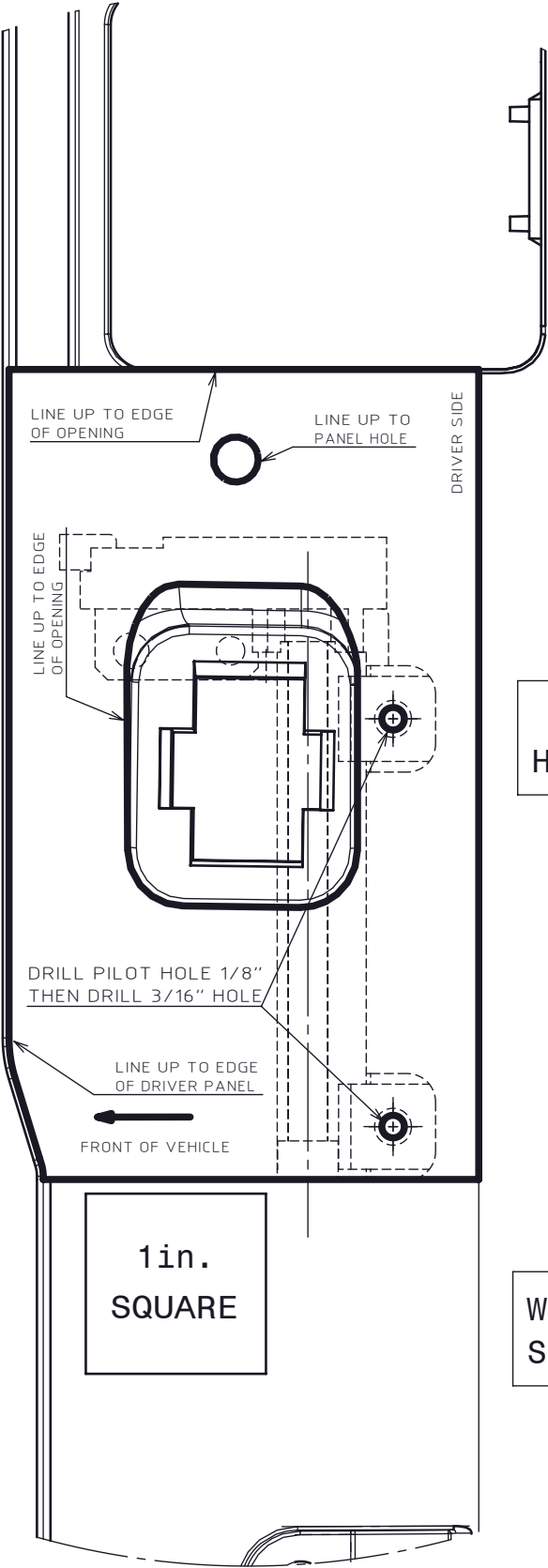
A.15) Securing multiple Posi-Taps™ together

- 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 Accent Lighting connected to the RH ASC

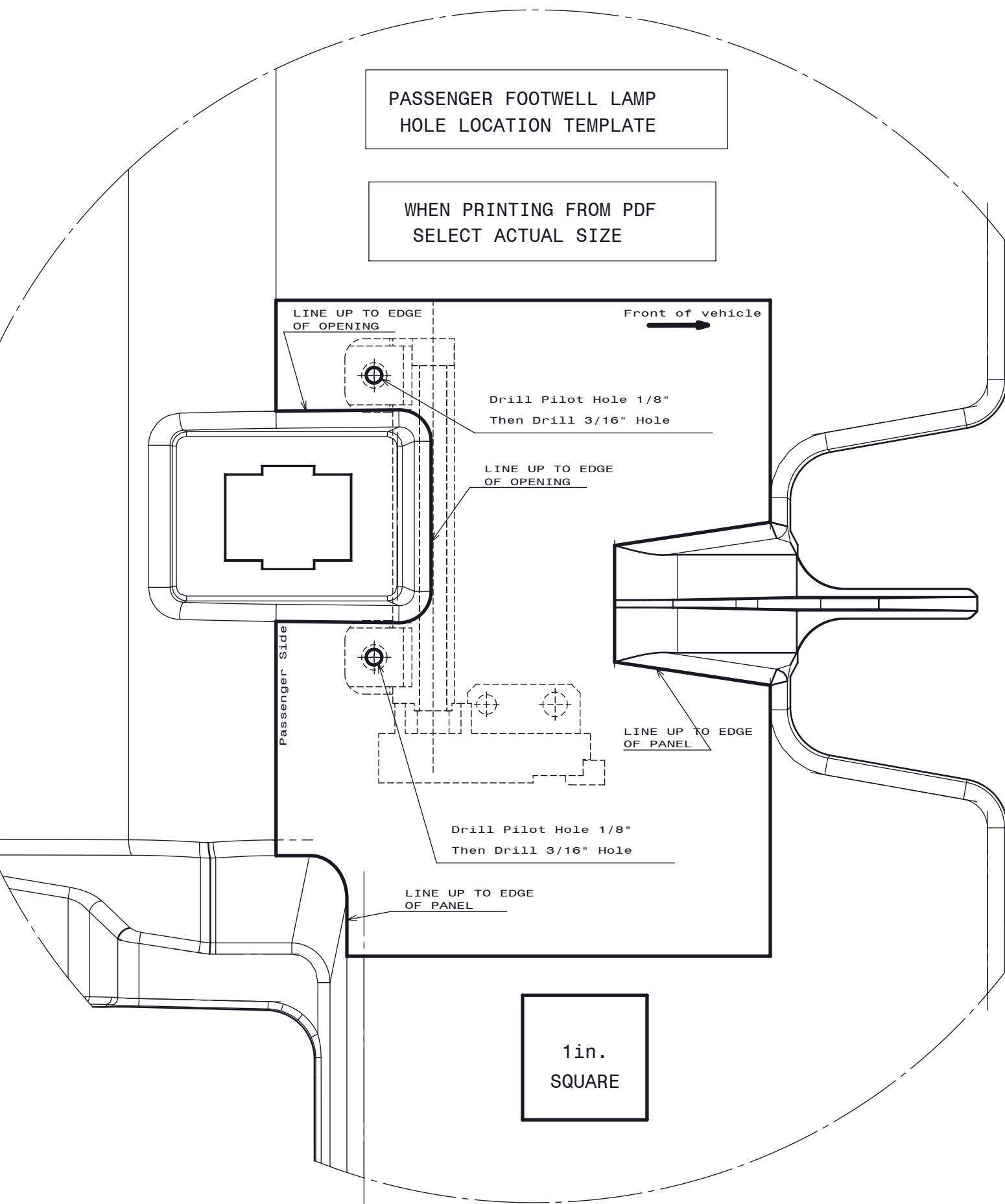


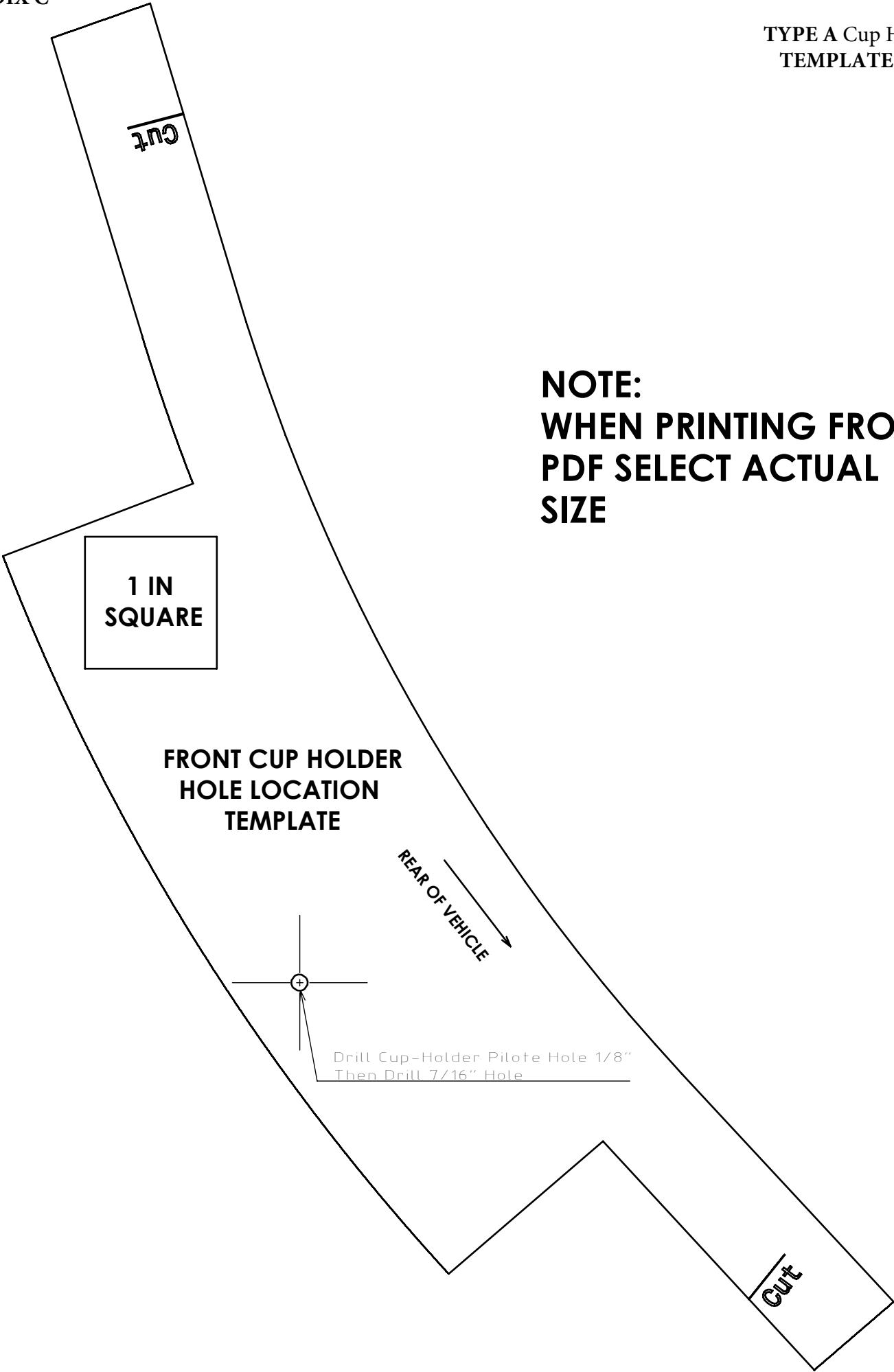


DRIVER FOOTWELL LAMP
HOLE LOCATION TEMPLATE

WHEN PRINTING FROM PDF
SELECT ACTUAL SIZE

APPENDIX C

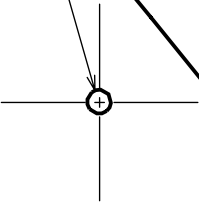




**NOTE:
WHEN PRINTING FROM
PDF SELECT ACTUAL
SIZE**

Cut

Drill Cup-Holder Pilote Hole 1/8"
Then Drill 7/16" Hole



REAR OF VEHICLE

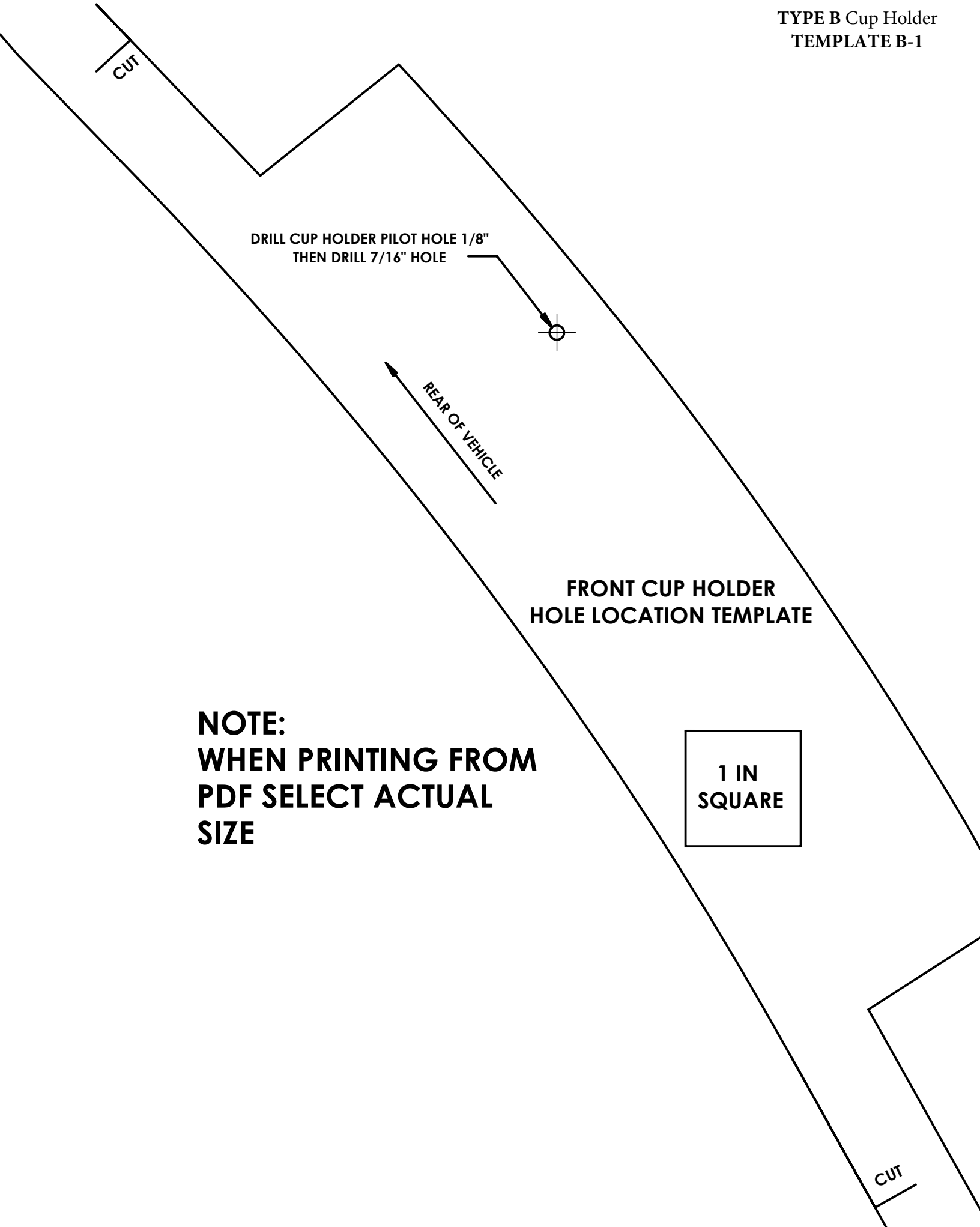
REAR CUP HOLDER
HOLE LOCATION TEMPLATE

! NOTE !
DRILL THE CUP HOLDERS WITH
THE PLASTIC INSERT
INSTALED IN IT
CUP HOLDER PLASTIC INSERT
MUST BE DRILLED AT THE SAME TIME

1 IN
SQUARE

NOTE:
WHEN PRINTING FROM
PDF SELECT ACTUAL
SIZE

Cut



DRILL CUP HOLDER PILOT HOLE 1/8"
THEN DRILL 7/16" HOLE

FRONT CUP HOLDER
HOLE LOCATION TEMPLATE

NOTE:
WHEN PRINTING FROM
PDF SELECT ACTUAL
SIZE

1 IN
SQUARE

CUT

CUT

DRILL CUP HOLDER PILOT HOLE 1/8"
THEN DRILL 7/16" HOLE



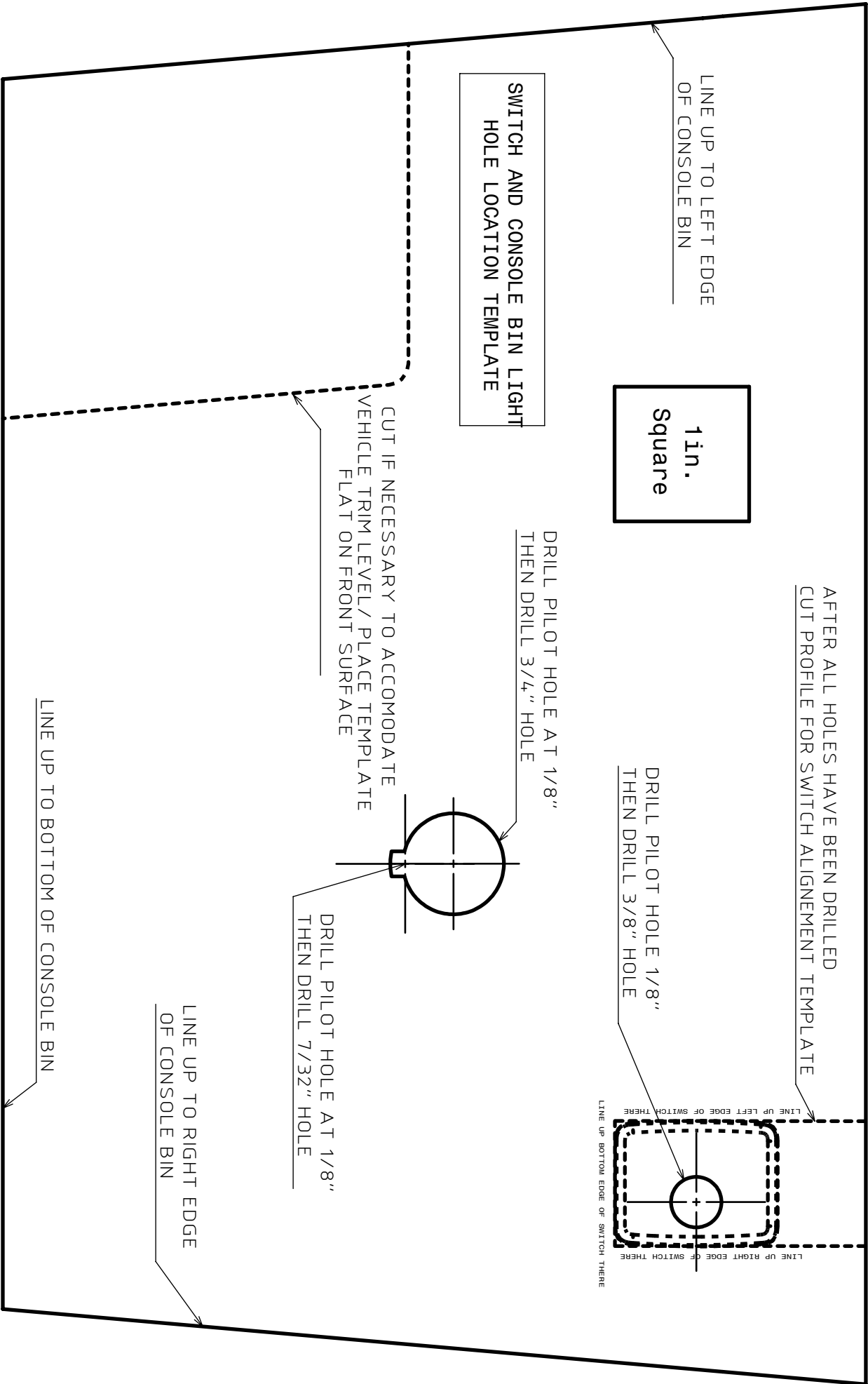
REAR OF VEHICLE

REAR CUP HOLDER
HOLE LOCATION TEMPLATE

1 IN
SQUARE

NOTE:
WHEN PRINTING FROM
PDF SELECT ACTUAL
SIZE

CUT



NOTE:
WHEN PRINTING FROM PDF
SELECT ACTUAL SIZE