



# GENUINE DIGITAL REARVIEW MIRROR

## INSTALLATION INSTRUCTIONS

Thank you for purchasing a Genuine Mazda Accessory.

Before removal and installation, Please thoroughly read these instructions.

For your safety, please read the contents of this booklet to properly install and use the Digital Rearview Mirror. Keep these instructions with your vehicle records for future reference.



- There are several **⚠ WARNING** and **⚠ CAUTION** sections in this booklet concerning safety when installing or removing the Digital Rearview Mirror. Always read and follow the instructions in order to prevent injuries, accidents, and possible damage to the vehicle.

**⚠ WARNING:** Indicates a situation in which serious injury or death could result if the warning is ignored.

**⚠ CAUTION:** Indicates a situation in which bodily injury or damage to the vehicle could result if the caution is ignored.

- For areas indicating the tightening torque in this instruction manual, tighten to the specified torque by using a torque wrench. For areas in which the tightening torque is indicated inside parentheses ( ), the tightening torque is indicated as a reference value, however tightening using a torque wrench is not necessary.
- Do not modify the Digital Rearview Mirror or kit components.
- Do not install the Digital Rearview Mirror in any way other than described in the following instructions.
- If in doubt, please contact your Mazda dealer to install the accessory in order to prevent errors in installation.
- If you have any questions about the use of the accessory, ask your Mazda dealer for proper advice before using it.
- Mazda and its suppliers are not responsible for injuries, accidents, and damage to persons and property that arise from the failure of the dealer or installer to follow these instructions.
- To ensure safety and reliability of the work, installation, removal and disposal work must be carried out by an Authorized Mazda Dealership.
- Be careful not to lose removed parts, and be sure that they are kept free of dirt, scratches, or damage.


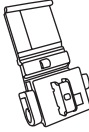
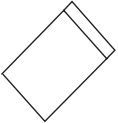



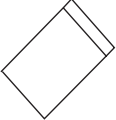
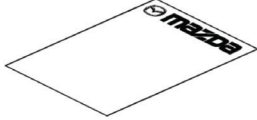

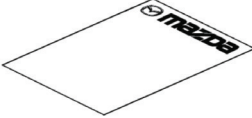
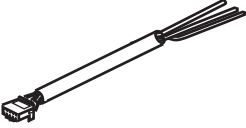
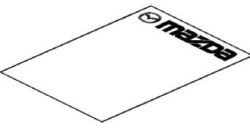

**PART NAME:** Digital Rearview Mirror  
**PART NUMBER:** KMV6V7210/KMS6V7210  
**VEHICLE:** MAZDA CX-90



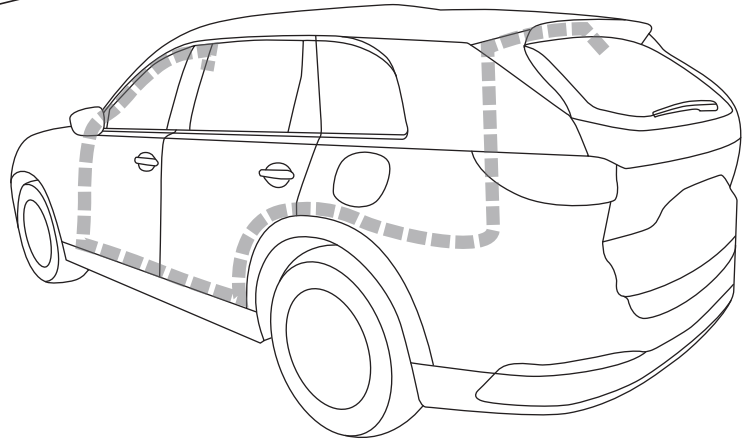
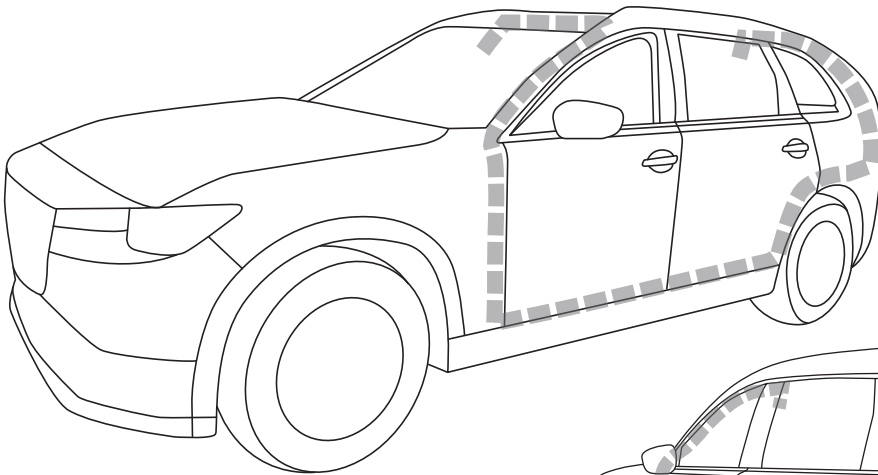
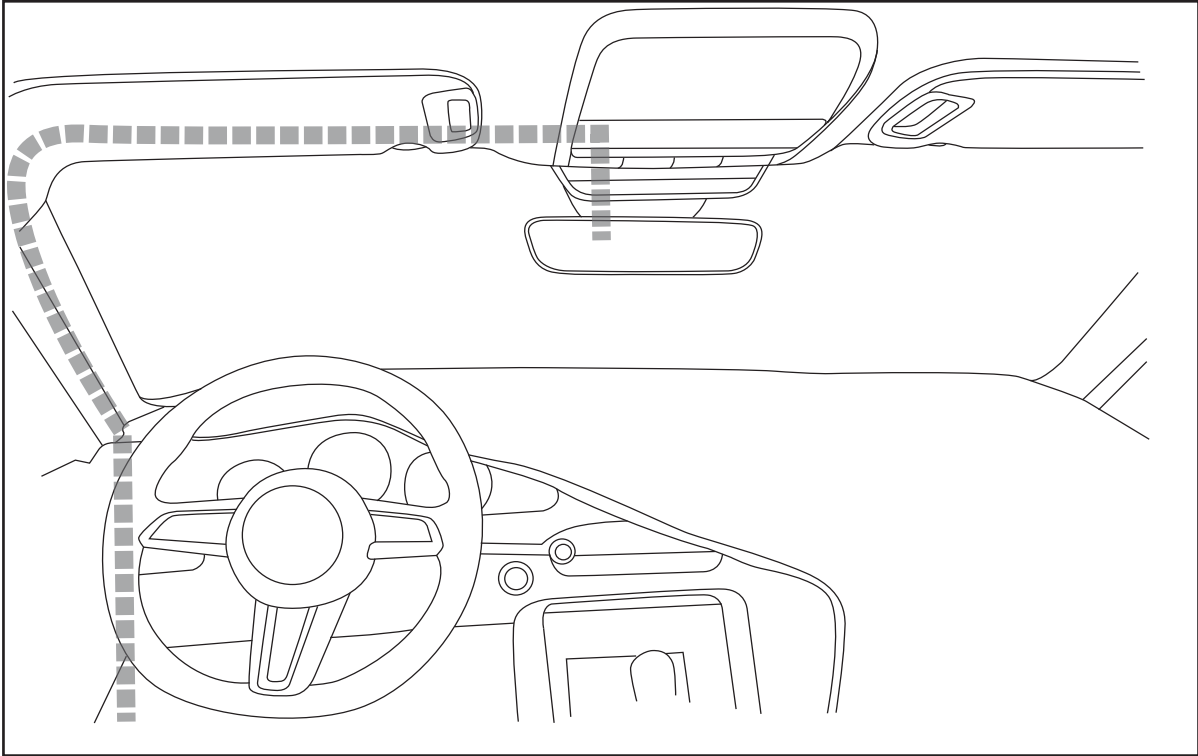
# 1. PARTS

- Verify that the kit includes all the following parts and that the parts are not dirty, scratched, or damaged.

## Digital Rearview Mirror Kit (KMV6V7210/KMS6V7210)

Part	Part name	Qty	Part	Part name	Qty
	Mirror Assembly	1		Electro Tap	2
	Mini Parts Kit	1		Zip Tie	30
	Coax Assembly	1		Foam Pad	9
	Camera Kit	1		User Guide	1
	A Pillar Clip	1		Installation Instruction	1
	Power Harness	1		Camera Bracket Installation Template	1
	Fishing Zip Tie	1			

## 2. INSTALLATION VIEW



### 3. BEFORE INSTALLATION

#### REQUIRED TOOLS

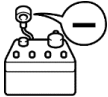
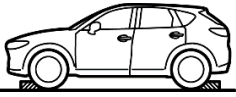



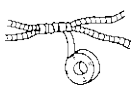

- ☆Mini flathead screwdriver
- ☆10mm socket
- ☆Small metal scale ruler
- ☆Side cutter
- ☆Mini Scissors
- ☆Electrical tape
- ☆Tape-wrapped flathead screwdriver
- ☆Trim clip remover/tack puller
- ☆90 degree needle nose pliers
- ☆Ratchet
- ☆Nylon trim remover
- ☆Small utility knife

#### OTHER PREPARATIONS

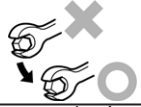
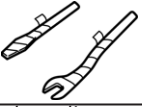
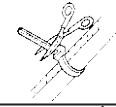




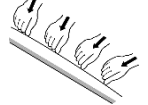
- ☆Soft clean cloth
- ☆IPA (Isopropyl alcohol)
- ☆Protective mat
- ☆Protective masking tape
- ☆Protective gloves

- To perform the installation work safely and maintain functionality and quality, thoroughly read these instructions before performing the procedures and always heed the warnings and precautions.
- In the work procedures, there are descriptions which are only indicated in the figure. Make sure to follow these procedures as well.

#### ⚠ WARNING

When the negative battery is connected during operation, may cause electric shock or other personal injuries. Disconnect the negative cable before installation.	Before performing any work, park the vehicle on level ground, apply the parking brake securely, and then block the wheels.	Be careful when handling drills and other sharp objects. If not handled properly, it could result in serious injury.	When connecting/disconnecting connectors, grasp the connectors, not the wires. Otherwise a short, and an accident from poor contact or fire may occur.
			
Make sure the connector is securely pressed in until a click sound is heard. Otherwise, a fire or other accident may occur due to an open circuit or poor contact.	Secure the harness with the band (part included) so it doesn't dangle. If not, it may cause a short, accident, or fire.	Do not pull the harness with excessive force. Doing so can cause a breakage or a short-related accident, as well as an electrical short or fire.	
			

#### ⚠ CAUTION

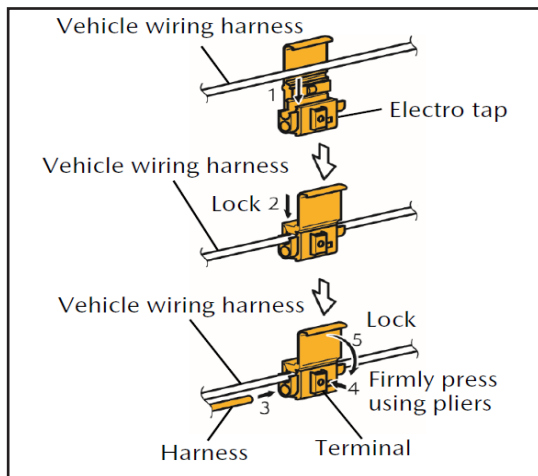
Using improper tools may cause damage and/or broken parts. Use the correct tool for the job.	Wrap protective tape around screwdrivers and fastener remover tools to prevent scratching the vehicle.	Excessive length of tie wrap may interfere with other parts and cause damage.	Put the removed parts and the parts in the kit on the protective sheet to prevent scratches.
			
When the negative battery cable is removed, the initial value or memory for the power windows, clock, i-stop, steering angle sensor reference point will be cleared. Perform re-initialization.	If there is dust, dirt or grease on the adhesion surface, the adhesive strength of the double-sided adhesive tape will splotch and adhesive power of the tape will be reduced. Wash and degrease the surface of the adhesion area before applying the double-sided adhesive tape. Be sure to wash interior and exterior parts using IPA (isopropyl alcohol).	If tape or a mount base is re-adhered, the adhesive strength will be weakened. Before adhering, accurately determine the adhesion position.	To assure sufficient adhesiveness of the double-sided adhesive tape, press the adhesive surface of the tape to the adhesion surface evenly. In particular, press sufficiently at the ends of the double-sided adhesive tape where the adhesion surface is curved.
			

#### ADVICE

Refer to the Workshop Manual for removal and installation of vehicle parts.



## Branch connection procedure using electro tap



1. Insert the vehicle wiring harness into the electro tap.
2. Fold the electro tap as shown in the figure and lock it.

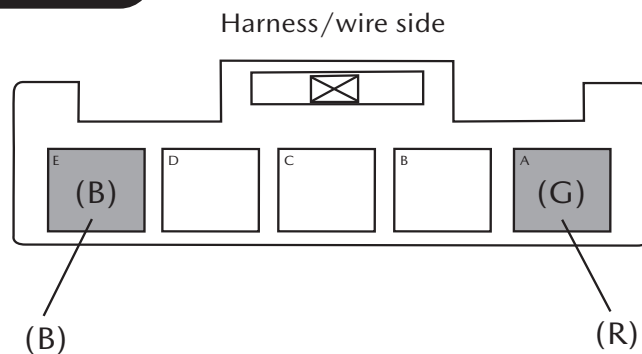
Caution



Firmly engage the lock part until a click sound is heard.

3. Insert the harness to the end of the electro tap.
4. Firmly press the electro tap terminal using pliers.
5. Fold the electro tap in the direction of the arrow shown in the figure and lock it.

## 4. CONNECTOR DIAGRAM



Roof Indicator Assembly Connector		
Accy Harness Wire Color	Vehicle Wiring Harness Wire Harness	Signal
Red (R)	Green (G)	Ignition (IG)
Black (B)	Black (B)	Ground (GND)

## 5. VEHICLE PART REMOVAL

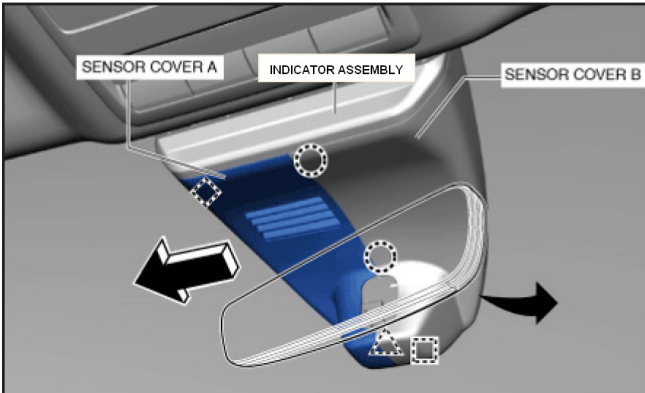
### ⚠ HIGH VOLTAGE WARNING

**On high voltage equipped vehicles, it is mandatory to disconnect the 12v battery system and wait at least 10 seconds before continuing with any work in proximity to High Voltage (Orange cables and components). Direct contact with or disconnection of High Voltage (Orange cables and components) is still prohibited in this state. If the necessary measures are not taken before servicing an electric vehicle, it could cause electrical shock and result in serious injury or, in the worst case, death. Before servicing the electric vehicle, refer to [HIGH VOLTAGE SERVICE CAUTIONS] in the general information section of the vehicle workshop manual and implement the necessary measures.**

**Caution**



Be careful not to damage or lose any parts removed from the vehicle since they will be reused.

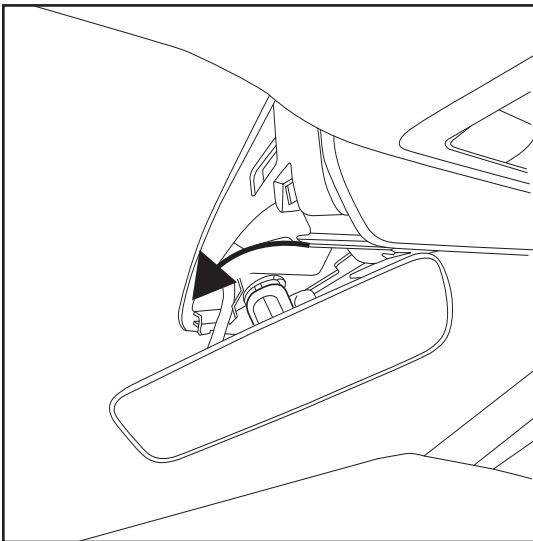


**Negative Battery Terminal Disconnection**

- a) **Open rear liftgate before disconnecting battery.**
- b) Disconnect negative battery terminal according to vehicle workshop manual. **SEE WARNING ON PAGE 5 REGARDING HIGH VOLTAGE.**

**Sensor Cover Removal**

- a) Pull sensor cover A to the left and remove it.  
**Hint-** Pressing a nylon tool into the split between the two halves will make this process easier.
- b) Slide sensor cover B to the right and remove it.



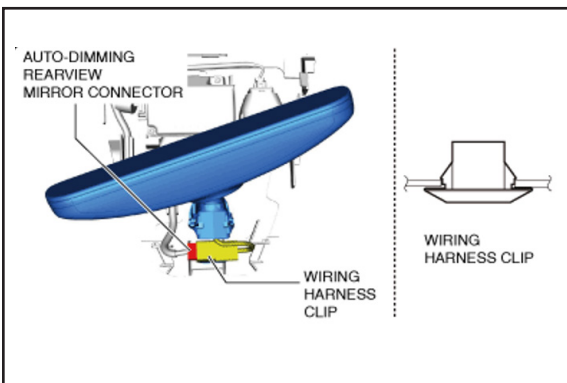
**Rear View Mirror Removal**

**Vehicles without auto dimming mirror**

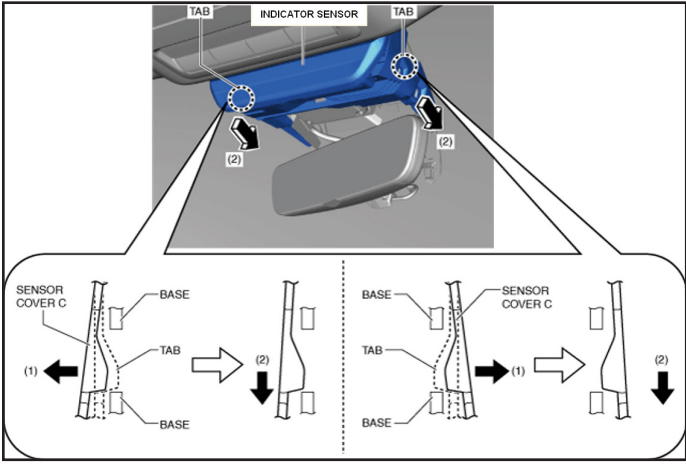
- a) Firmly grasp the mirror mount and rotate approximately 60 degrees counterclockwise until the mirror mount spring disengages from the windshield button.

**Vehicles with auto dimming mirror**

- a) Unplug mirror connector
- b) Disengage wire harness clip from windshield mount by pressing in both sides of the clip using 90 degree needle nose pliers.
- c) Firmly grasp the mirror mount and rotate approximately 60 degrees counterclockwise until the mirror mount spring disengages from the windshield button.

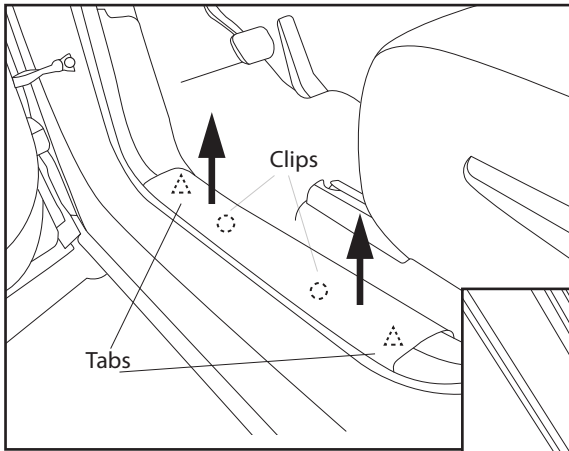


**DO NOT pull mirror away from the windshield while it is engaged on the windshield button. This could damage or break the windshield and button, requiring replacement. CAUTION- Hold the rearview mirror to prevent it from falling and causing damage.**



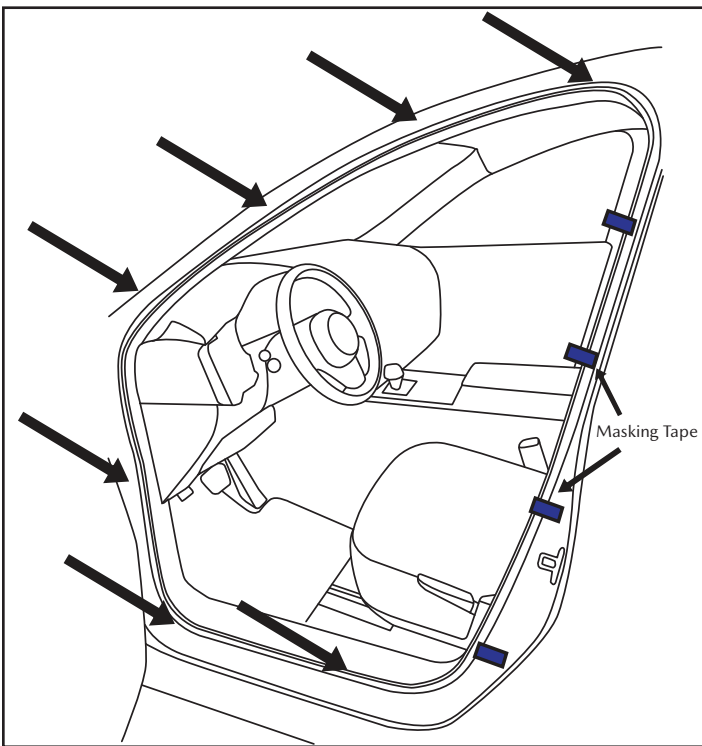
### Indicator Sensor Removal

- a) Disengage side locking tabs with small flathead screwdriver while lightly pushing the indicator assembly forward as shown.
- b) Disconnect wire cover.

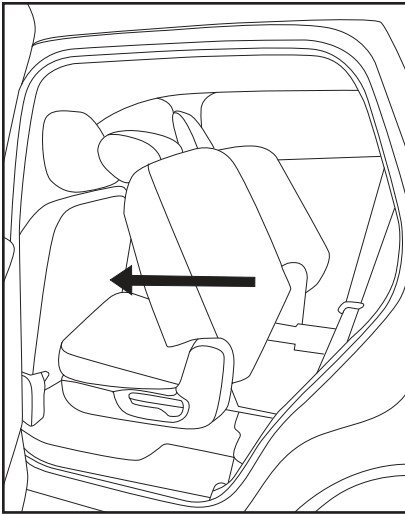


### Front Door Sill & Weather Seal Removal

- a) Use a nylon trim removal tool to pop door sill off of vehicle starting at the front and working your way towards the rear. Be sure to disengage all clips and tabs before lifting.
- b) Lift door sill up and away from the vehicle to remove.

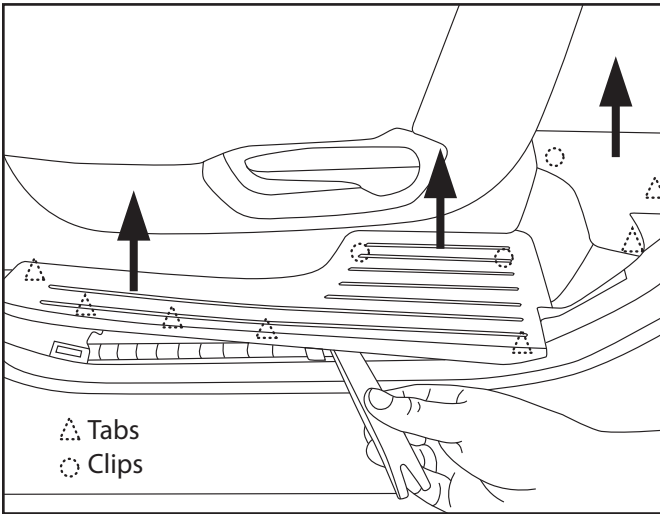


- c) Use masking tape to secure rear portion of weather strip to vehicle.
- d) Remove front, upper, & lower portion of weather seal from driver side door.

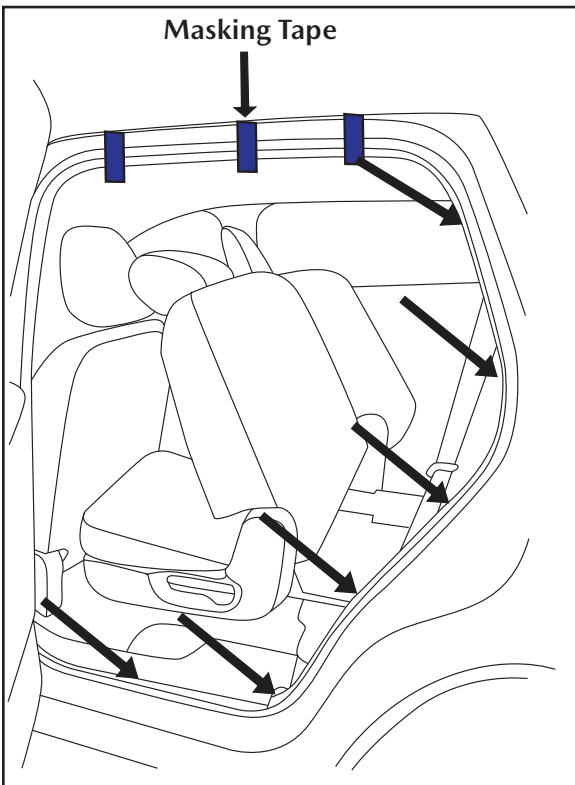


## Rear Door Sill & Weather Seal Removal

- a) Open driver side rear door and move second row seat all the way forward.

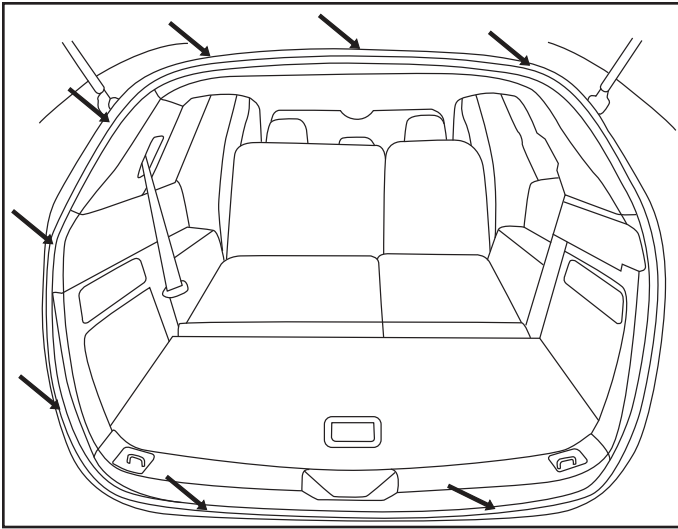


- b) Use a nylon trim tool to pop door sill off of vehicle starting at the front and working your way towards the rear.
- c) Lift door sill up and away from the vehicle to remove.



- d) Use masking tape to secure upper portion of weather strip to vehicle.
- e) Remove rear & lower portion of weather seal from the driver side rear door.

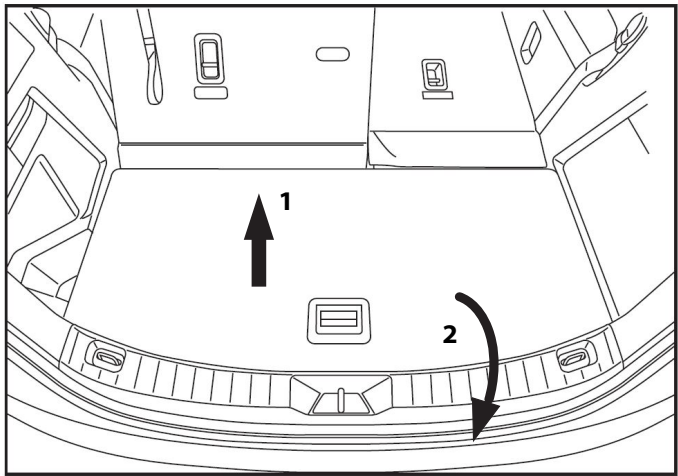




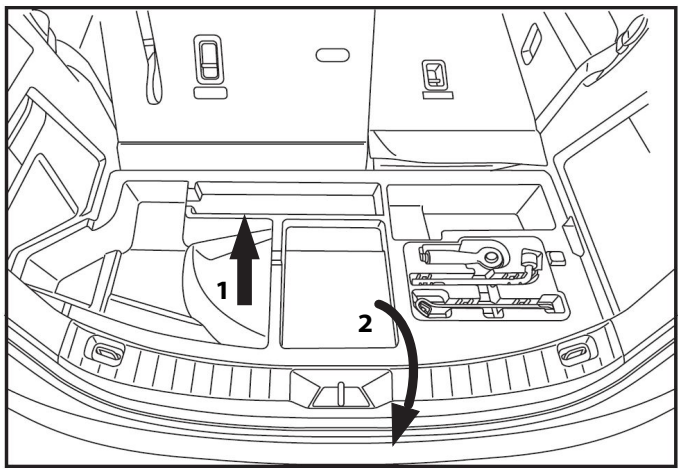
f) Gently loosen and partially lift the upper, left hand, and lower portion of the rear hatch weather seal, but do not remove from vehicle body. Lift just enough to expose gap between vehicle body and interior trims.



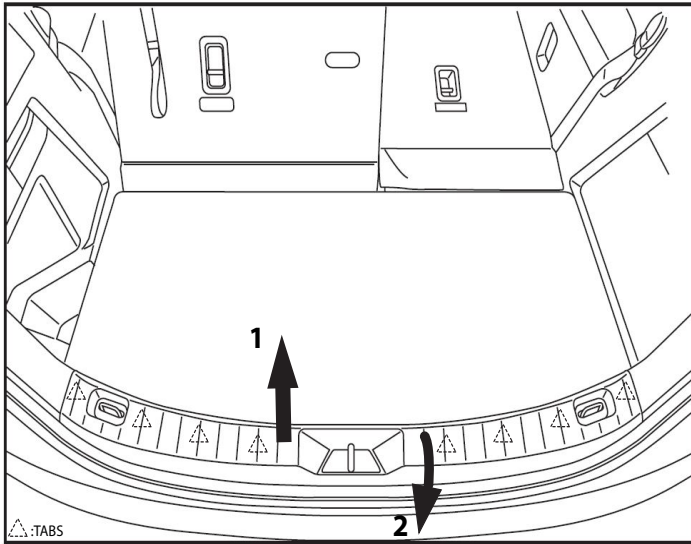
**Caution**  
Removing weather seal from vehicle will expose sealant adhesive which can stain vehicle and is difficult to remove.



g) Remove trunk board by first lifting up (1) and then pulling out through trunk opening (2).



h) Remove trunk tray by first lifting up (1) and then pulling out through trunk opening (2). Tools located in trunk tray can be removed prior to removing tray to make tray lighter if necessary.



- i) Remove rear cargo trim by first lifting up using a nylon trim removal tool to disengage clips (1) and then pulling out through trunk opening (2).

### A-Pillar Trim Removal

NOTE



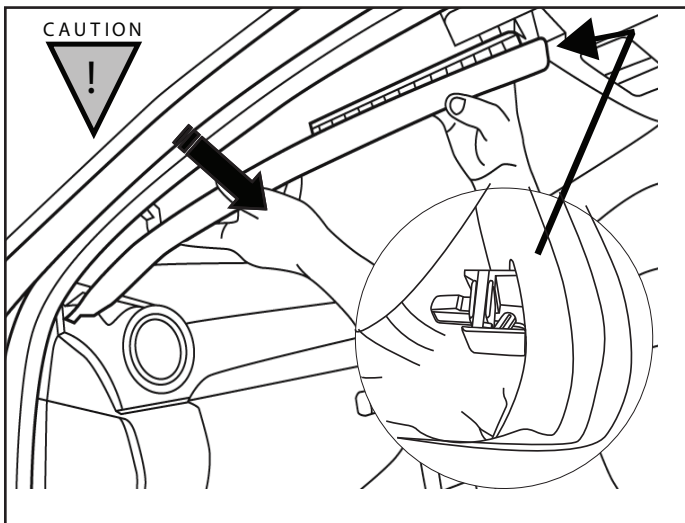
Do not use excessive force. A-pillar could be damaged.

- a) Pull out the top portion of A-pillar trim towards passenger-side of vehicle until A-pillar push-pin connector is extended approximately 1 1/2".

NOTE

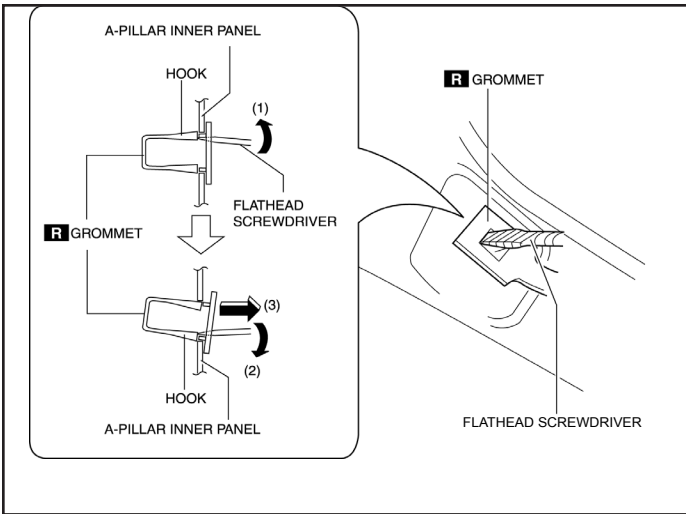


A-pillar connector will remain attached to vehicle body.



- b) Remove A-pillar clip tether connector from A-pillar trim. It is recommended to use your fingers to slide tether connector up off of A-pillar trim or use side cutters to cut tether.

- c) After A-pillar trim is detached from connector, pull firmly to detach lower clips and remove trim from vehicle.



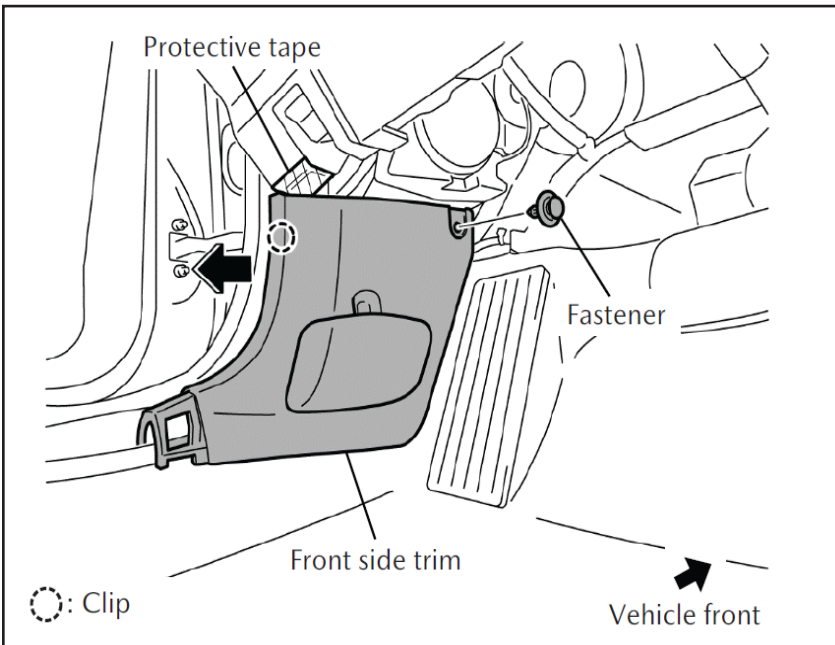
d) Move tabs in the directions of arrows (1) and (2) using a mini flathead screwdriver and detach A-pillar clip portion still attached to the vehicle body A-pillar area.

e) Remove the grommet in the direction of the arrow (3).



**A-pillar connector must be replaced with the supplied tether clip.**

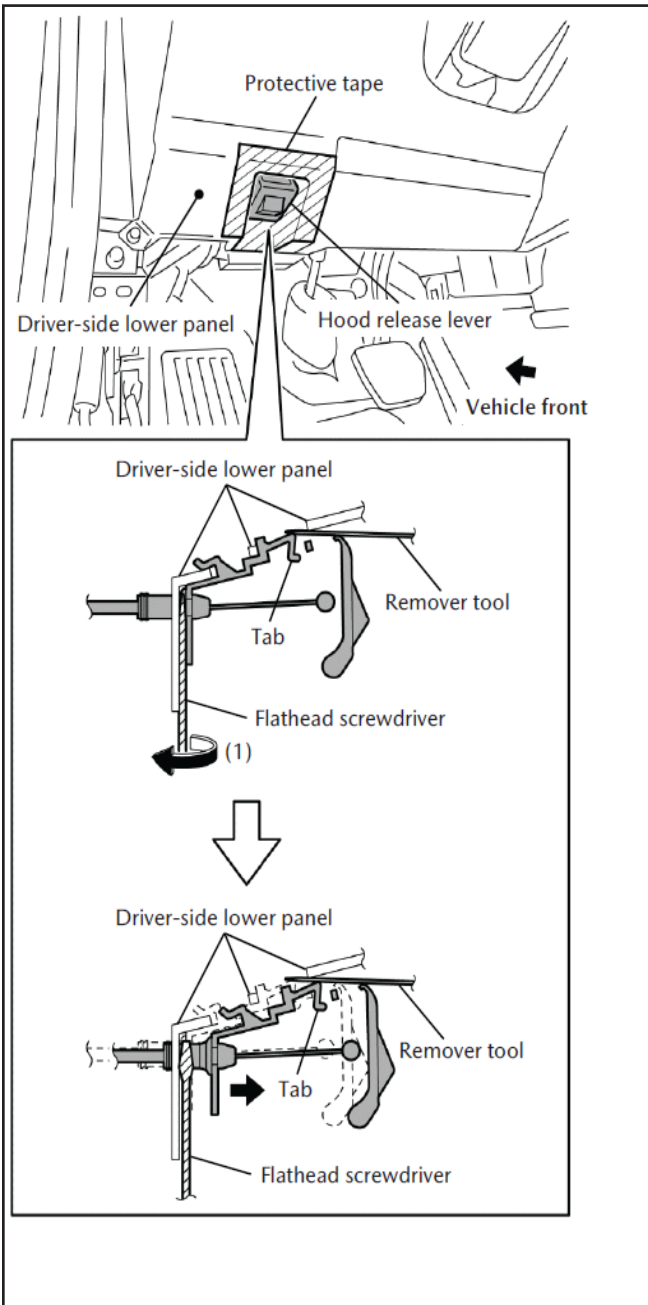
f) Install new A-pillar tether clip from kit into A-pillar before proceeding.



### Lower Dash Removal

- Affix protective tape to the panel as shown.
- Remove the fastener at the upper front corner using mini flathead .
- Carefully pull back on the front side trim to detach the clip from the body panel.

## Hood Release Lever Removal



a) Affix protective tape around the Hood release lever as shown.

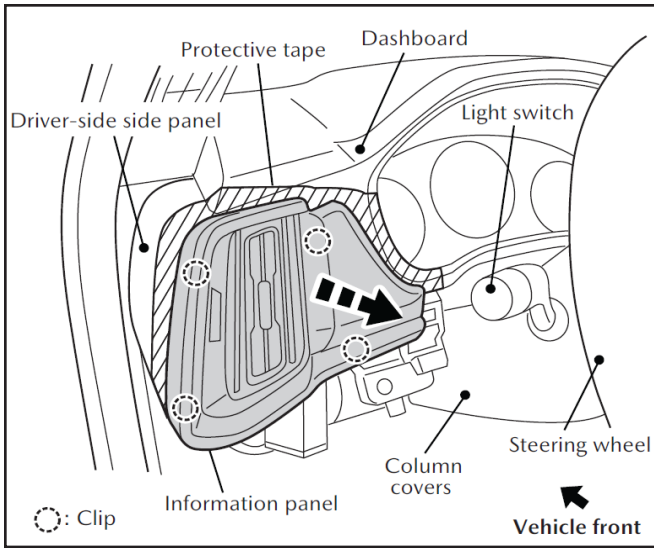
b) While pulling the hood release lever, insert a flat nylon trim removal tool into the position shown in the figure.

c) Insert a tape-wrapped flathead screwdriver into the position shown in the figure and rotate it in the direction of arrow (1) to detach the hood release lever from the driver-side lower panel.

Caution



Be careful not to damage the hood release lever with the flathead screwdriver.

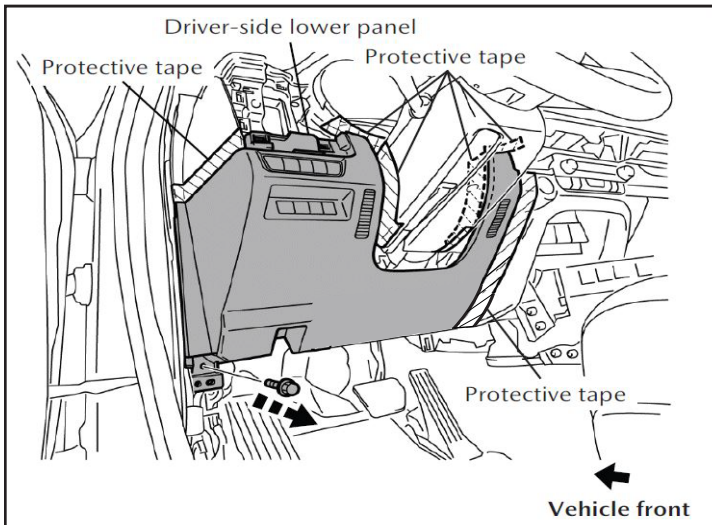


### Driver-Side Air Vent Removal

- a) Affix protective tape around the panel as shown.
- b) Carefully pry the information panel out from the dashboard to detach the clips from the dashboard, driver-side side panel and driver-side lower panel.

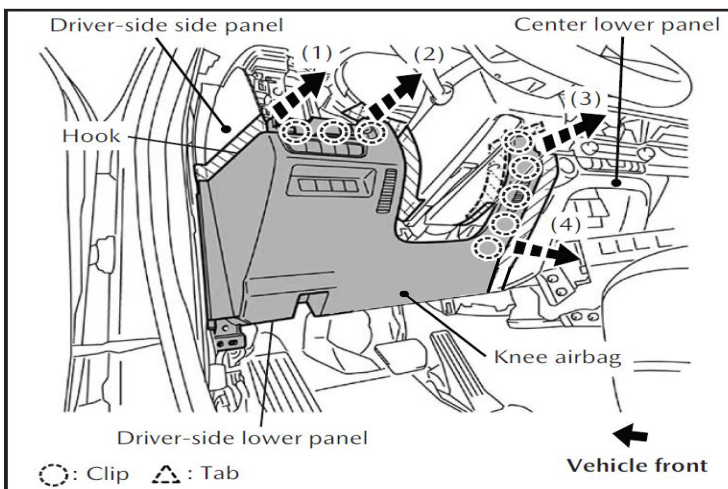


**Caution**  
Cover the steering column, steering wheel and light switch with a cloth to avoid damage when detaching.

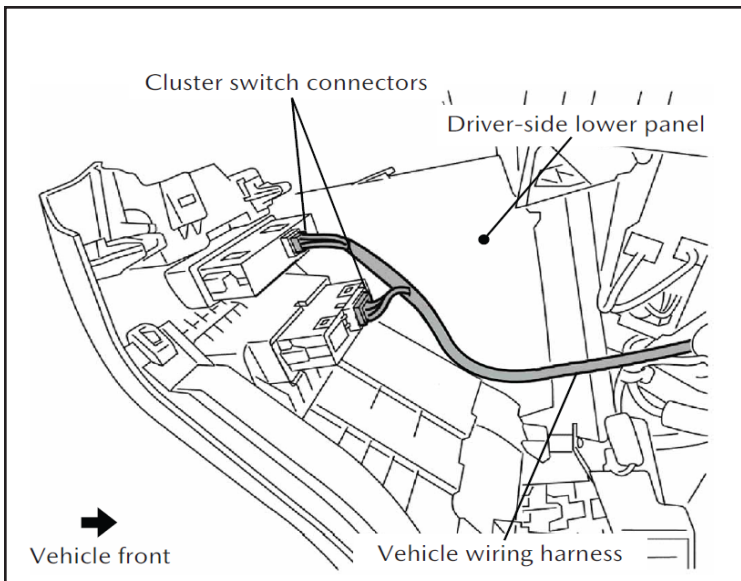


- a) Affix protective tape around the panel as shown.
- b) Remove the bolt from the bottom left corner of the panel.

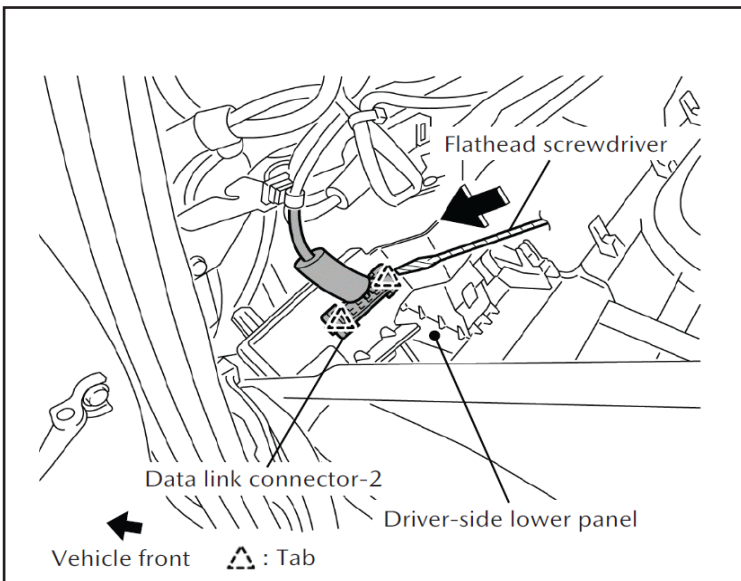
**Bolt Tightening torque :**  
**2.0-6.0 Nm**  
**{21-61 kgf cm, 18-53 in lbf}**



- c) Carefully remove the driver-side lower panel in the order of the arrows (1), (2), (3) and (4) shown in the diagram to disengage the clips, tab, hook and guide from the dashboard, driver-side side panel, and center lower panel.

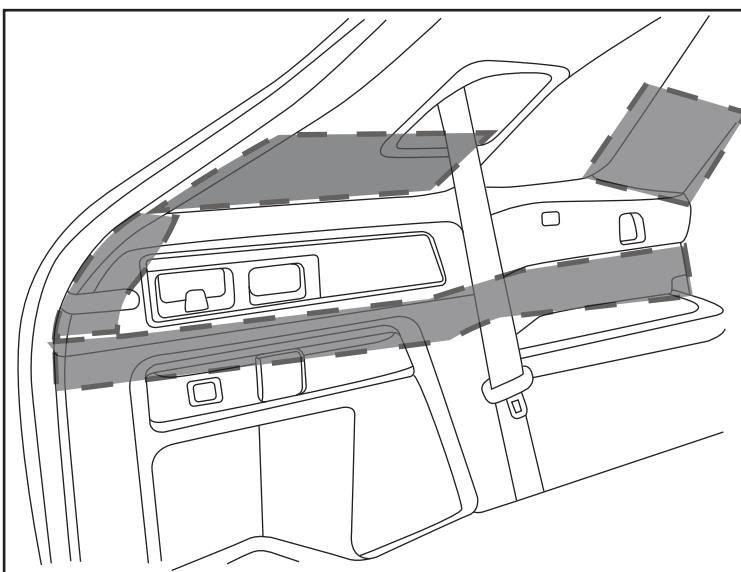


- d) Disconnect the cluster switch connectors.
- e) Remove the driver-side lower panel.



- f) Insert a tape-wrapped flathead screwdriver in the direction shown in the figure and detach the tabs for Data link connector-2 from the driver-side lower panel bracket.

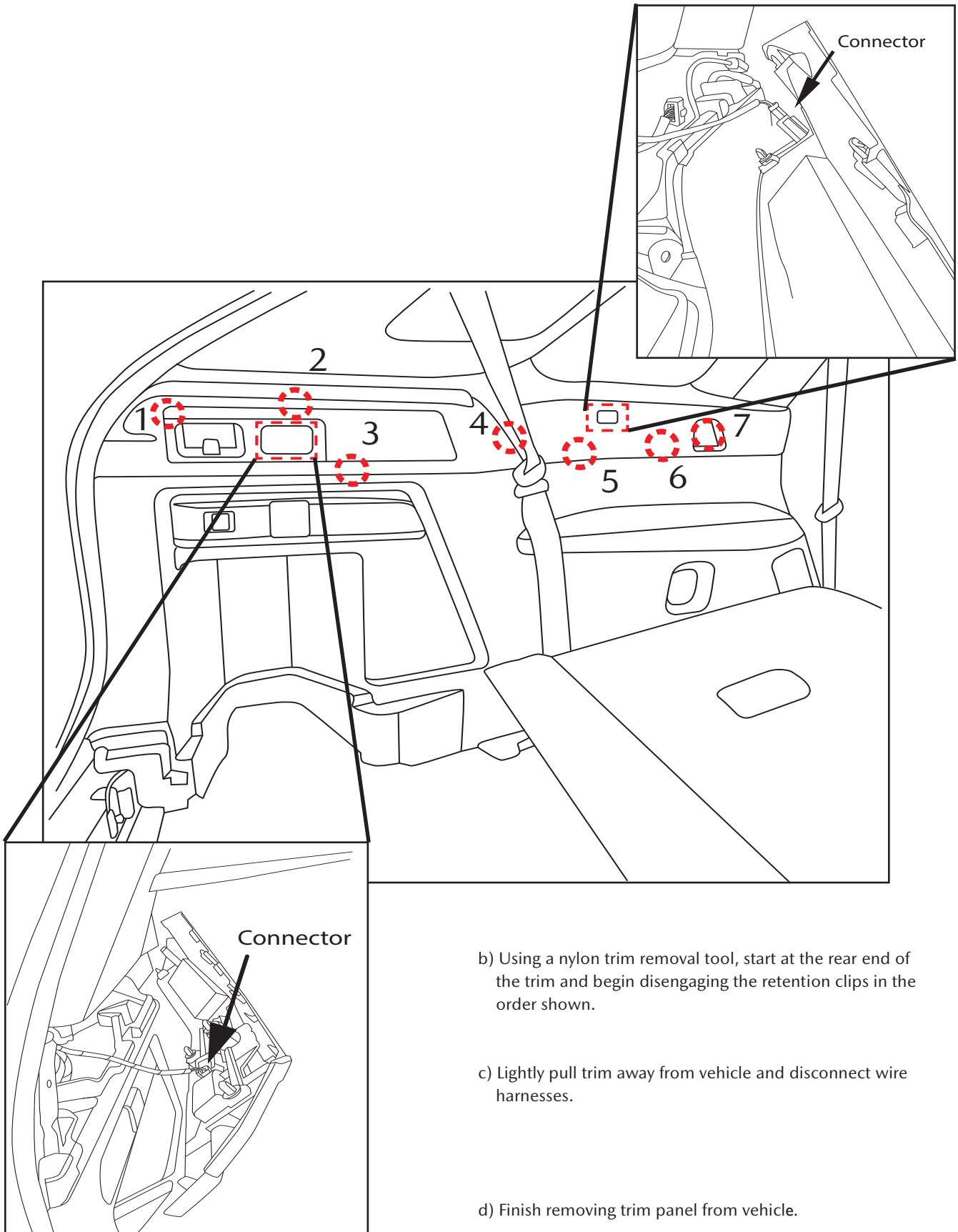
- g) Disconnect the Data link connector-2, and then remove the driver-side lower panel from the vehicle.



### Trunk Trim Removal

- a) Use masking tape to mask off left hand side trunk trim on the areas indicated in the image.

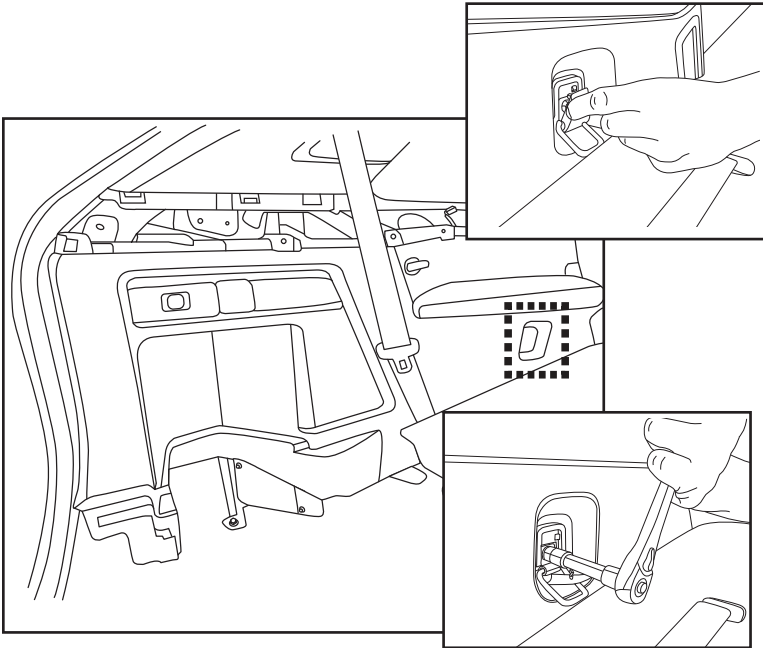




b) Using a nylon trim removal tool, start at the rear end of the trim and begin disengaging the retention clips in the order shown.

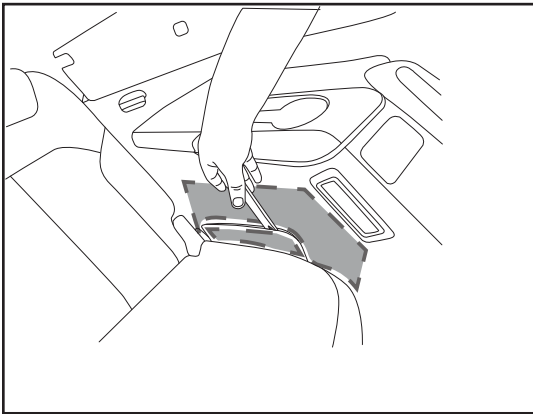
c) Lightly pull trim away from vehicle and disconnect wire harnesses.

d) Finish removing trim panel from vehicle.

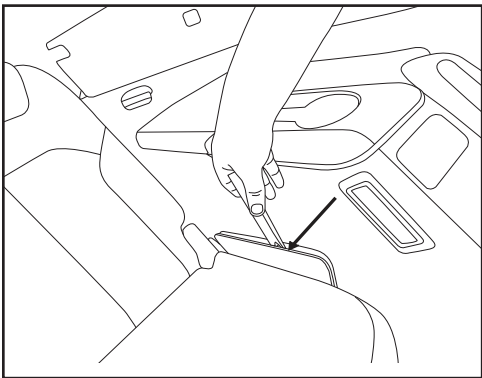


e) Locate cargo hook on lower left panel and lower bolt cover.

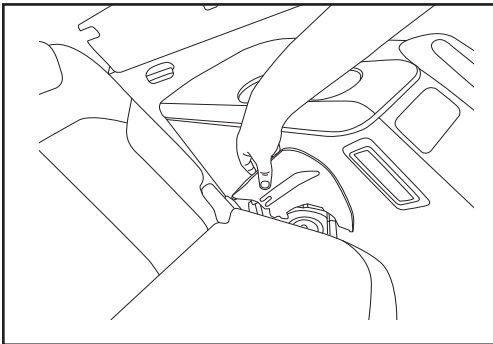
f) Use a 10mm socket to remove retention bolt and remove cargo hook from vehicle.



g) With the rear seats upright, use masking tape to mask off the area shown just below the cargo hook area.

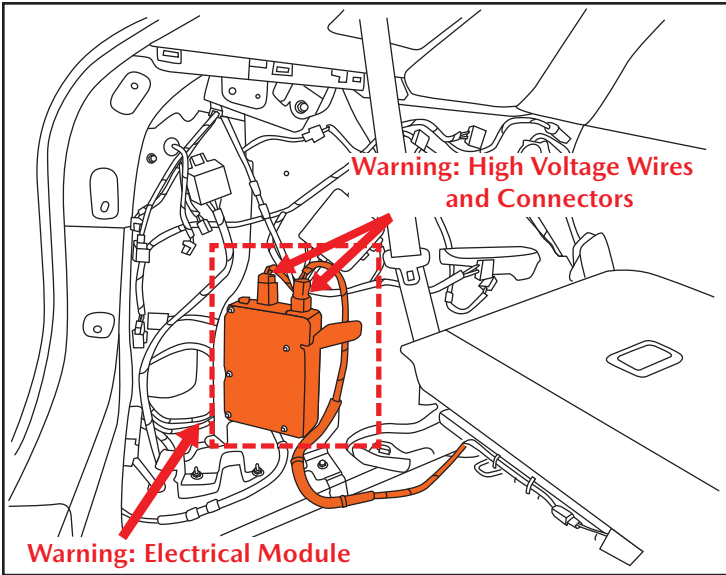


h) Use a nylon trim removal tool to pop off lower trim panel.



i) Remove lower trim panel from vehicle and lower rear seats again before proceeding to next step.

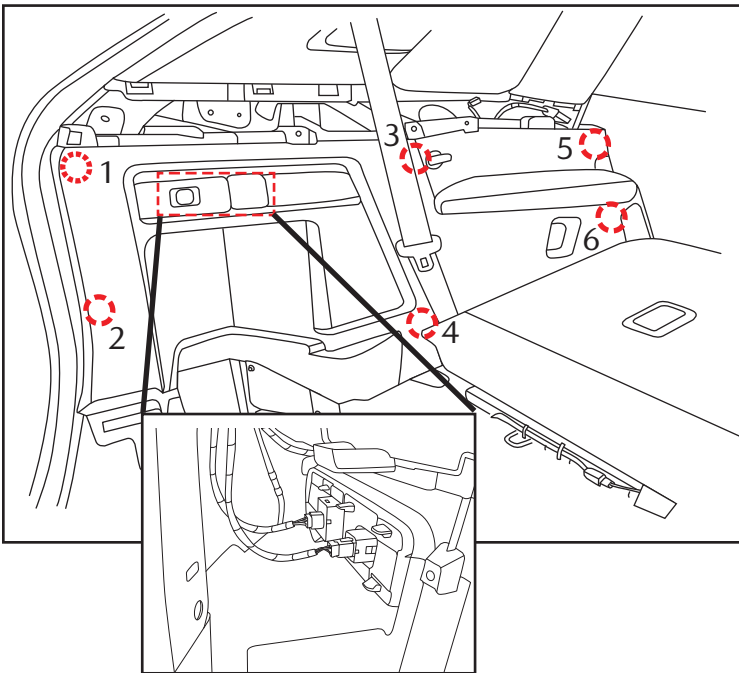




WARNING

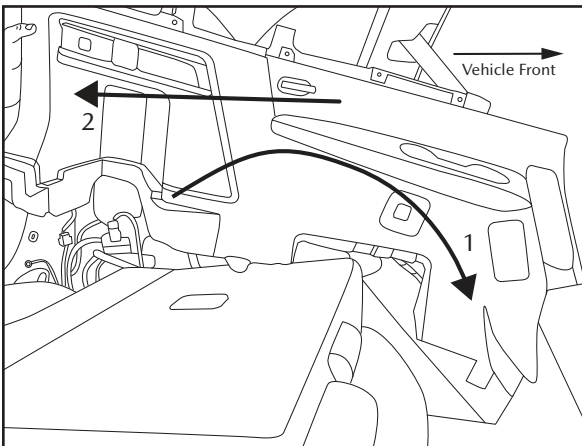


**Warning: Removing the lower trim trunk panel on PHEV models will expose high voltage components. Coming into contact or disrupting components can result in serious electric shock. Take great caution to not touch any orange wires, connectors, or the electrical modules that they are plugged into. See page 5 for more details.**



j) Using a nylon trim removal tool, start at the rear end of the lower trim and begin disengaging the retention clips in the order shown.

k) Lightly pull trim away from vehicle and disconnect wire harness.



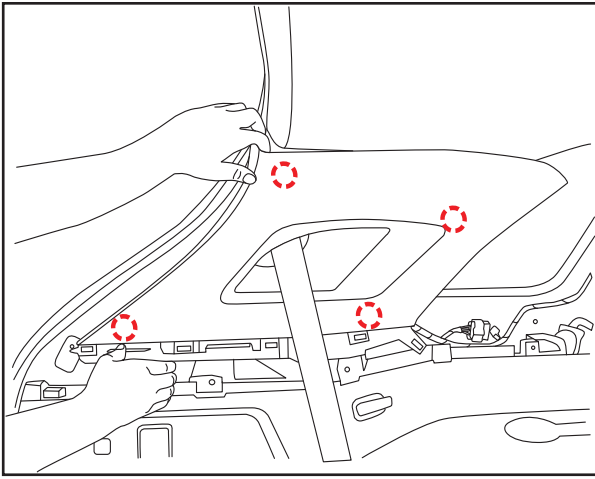
l) Pull panel towards the front of the vehicle to release from under third row seat while simultaneously lifting up. Once panel is free from vehicle, finish removing trim panel through rear hatch.

Caution

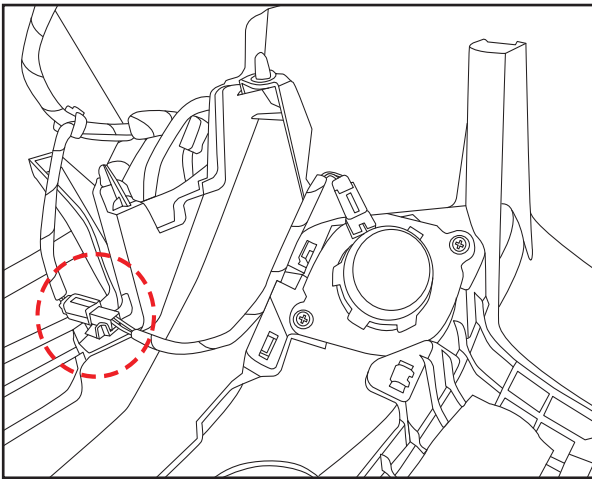


Be careful not to bump or touch other vehicle parts when removing trim panel. Failure to follow may result in vehicle damages such as scratches and/or scuffs.

## D-Pillar Trim Removal



- a) Using a nylon trim removal tool, disengage D-pillar trim clips and set trim down safely. It is not necessary to remove from seatbelt.

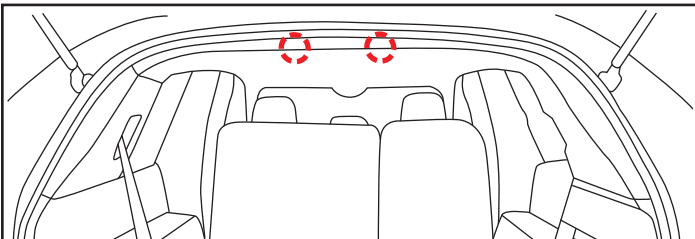


Caution

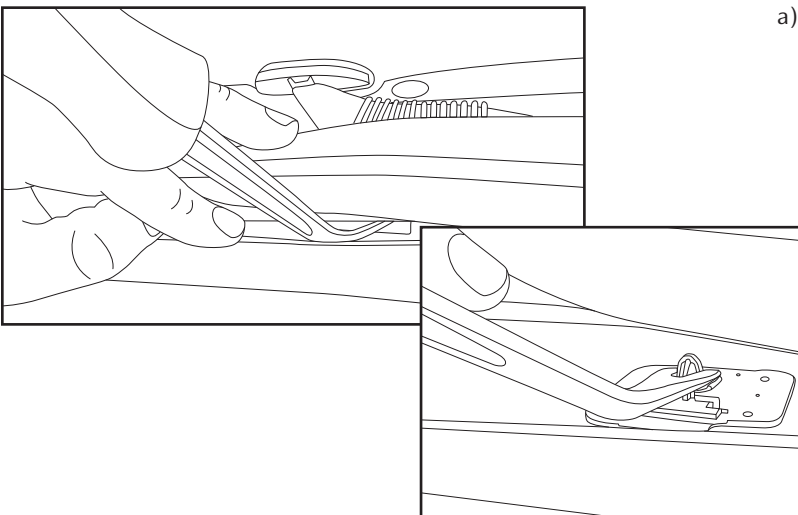


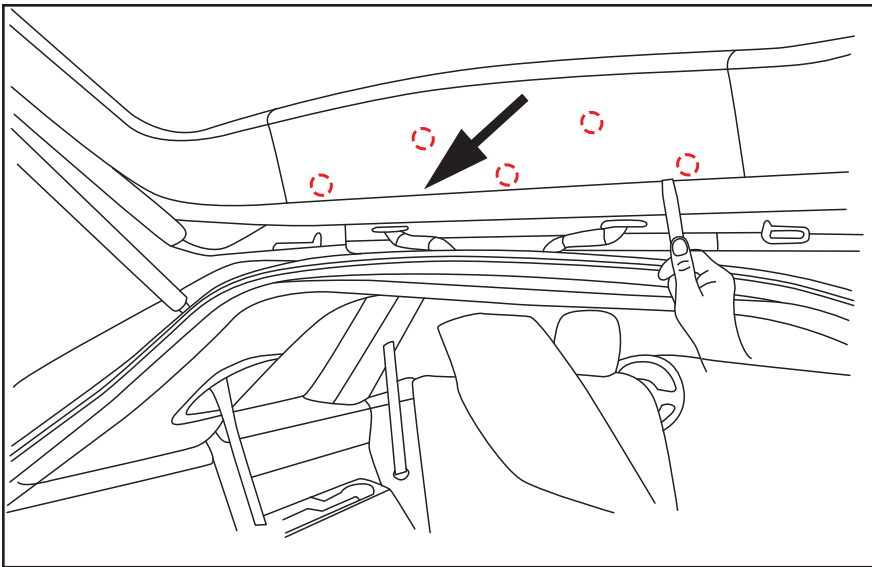
Disengage electrical connector for vehicles equipped with Bose sound system.

## Disengaging Headliner



- a) Using a trim clip remover/tack puller, disengage the two rear clips attaching headliner to roof. **Take caution not to damage/crease headliner.**

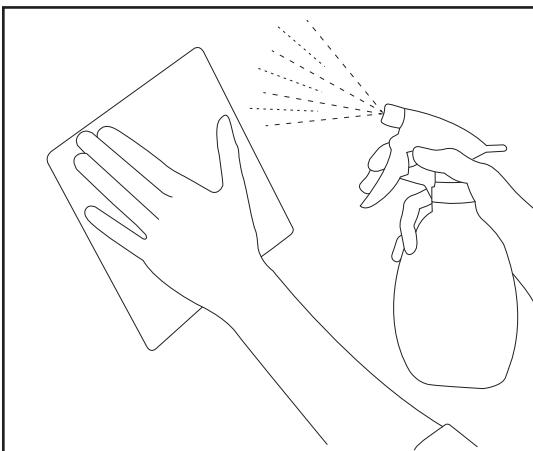




### Liftgate Trim Removal

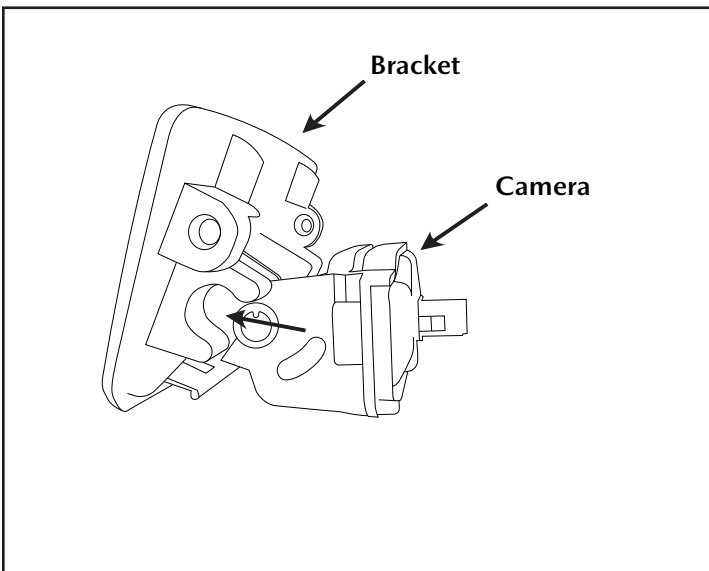
a) Remove upper trim panel from rear liftgate by disengaging at the 5 clip locations shown. A nylon trim removal tool can be used to help this process if necessary.

## 6. MIRROR INSTALLATION

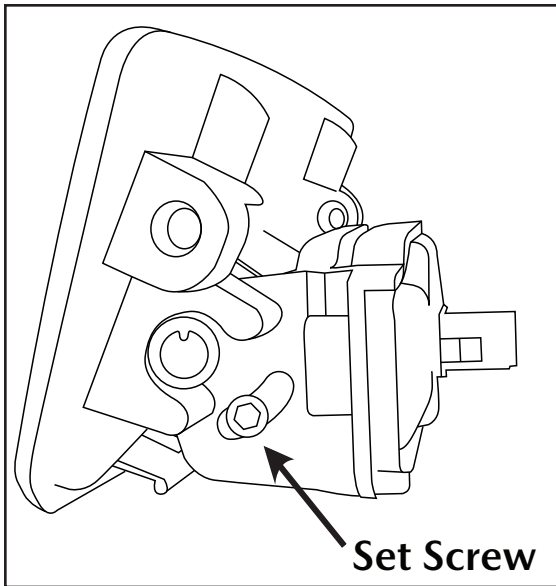


### Place Camera

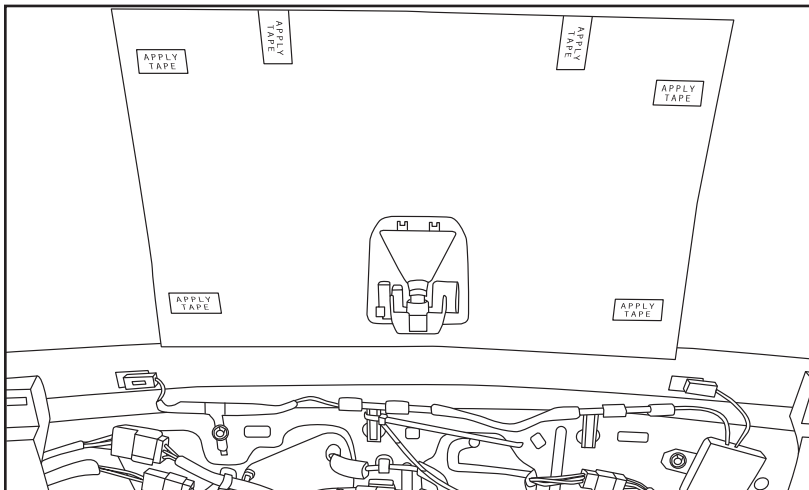
a) Clean both interior and exterior of rear window with isopropyl alcohol. Ensure interior glass is dry and debris free to ensure best foam adhesion during camera installation.



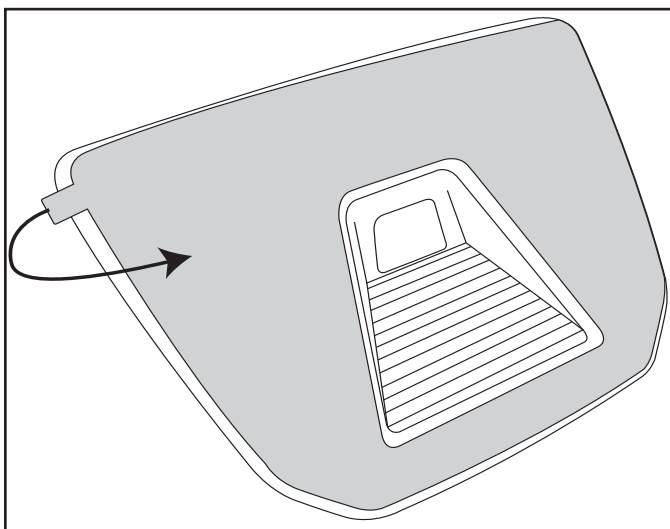
b) Install camera to window bracket in the orientation indicated on the installation template. (Image on installation template is for reference only)



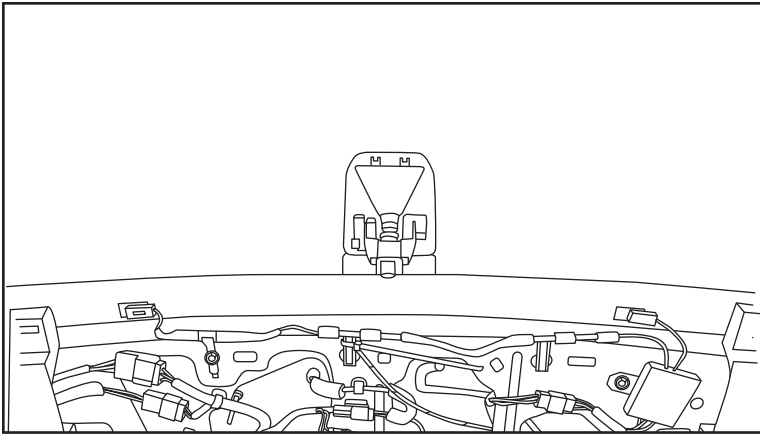
- c) Screw in set screws provided (one on each side)  
**Note:** Do NOT tighten. Camera position will be adjusted after mounting to windshield.



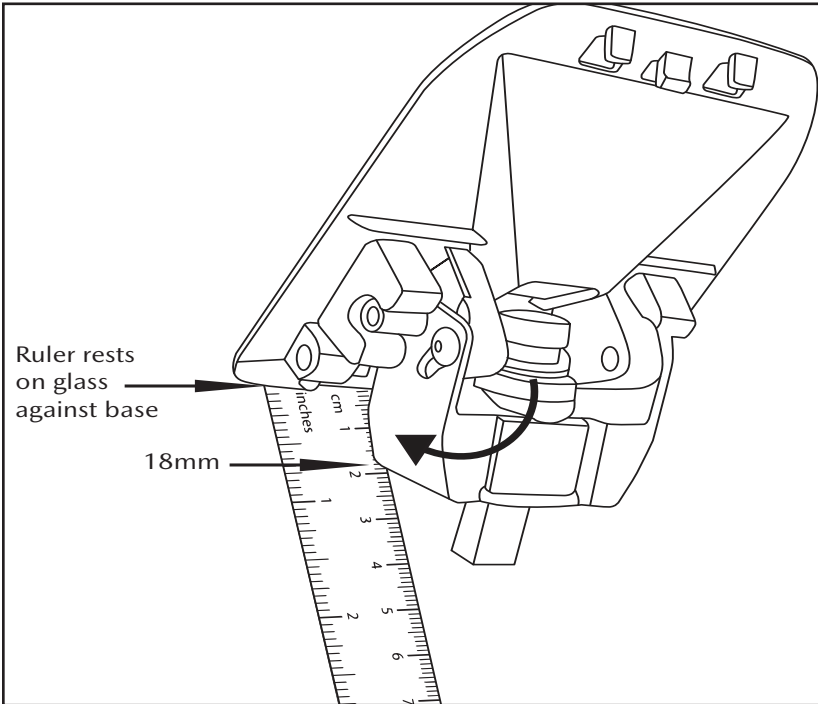
- d) With the rear liftgate open, tape camera mounting template to the inside of rear window.
- 1) Align center line.
  - 2) Align frit line.
  - 3) Align heater traces.



- e) Remove two-way tape liner from camera bracket.



f) Align camera bracket with cutout in installation template and place bracket onto the rear glass. Press, hold, and apply even pressure across the entire surface for one minute. Remove template and discard.

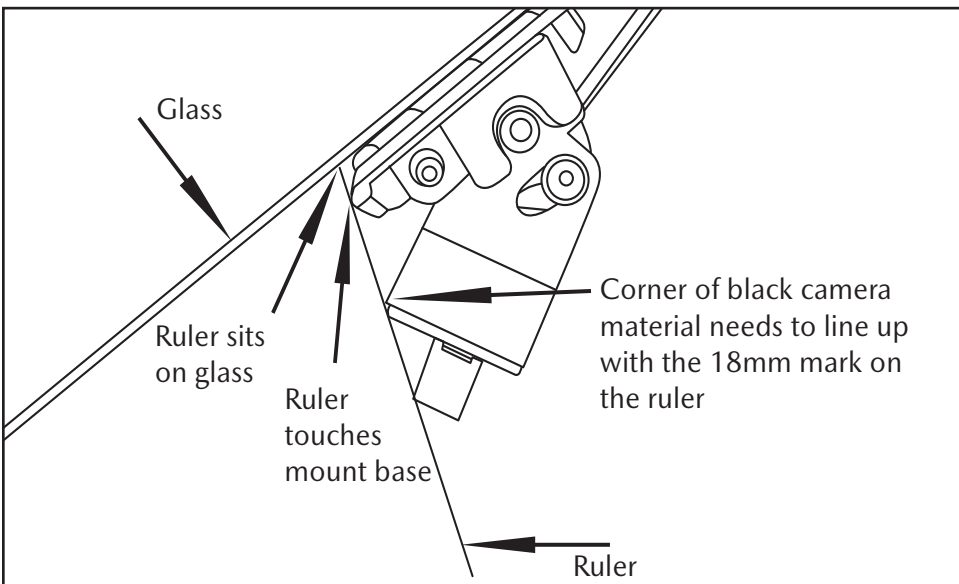


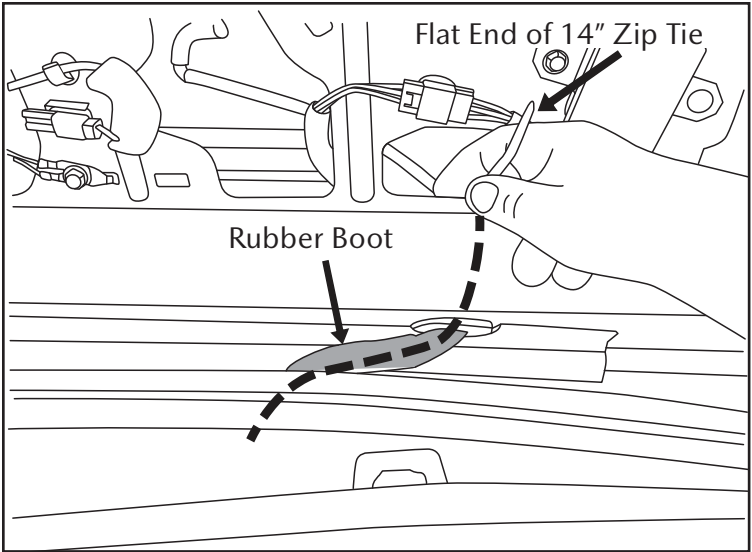
g) Gently place ruler so that it's resting on glass and the black plastic material of the bracket and camera. Gently rotate camera towards the windshield and ruler until the edge of the black plastic on camera closest to the glass is at 18mm.

h) Carefully begin to tighten the set screws on the camera while making sure that the camera stays at the 18mm mark on the ruler. **CAUTION: Do not over tighten.**

i) Once set screws are tightened, confirm that the camera has not shifted and that the camera to windshield measurement is still 18mm. If not, loosen set screws and repeat steps g-h.

j) Install camera cover. Secure with remaining two screws provided. **CAUTION: Do not over tighten and take caution not to scratch/damage windshield.**





### Routing Coax Cable Through Rear Liftgate

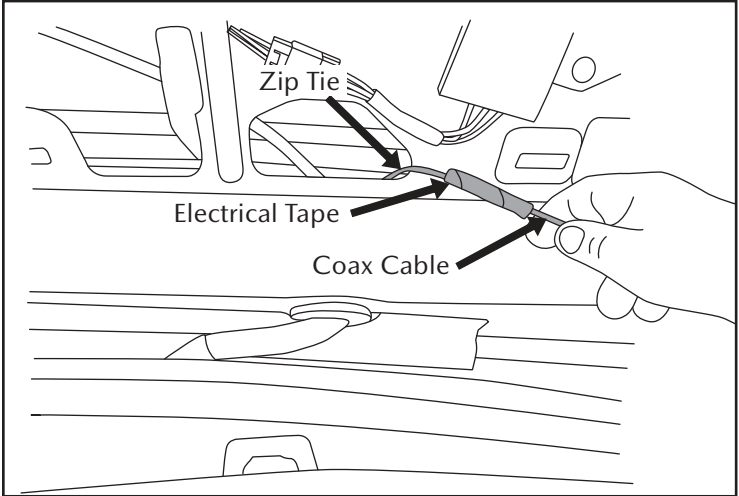
- a) Route flat end of the supplied 14" zip tie through passenger side rubber boot from the headliner area to the liftgate area. **Take extra care to not pull down excessively on the headliner. Doing so can result in damage to the headliner.**
- b) Use electrical tape to attach the straight end of coax cable (no connector attached) to flat end of the zip tie while making sure coax cable is routed behind the vehicle metal plates. **NOTE: Confirm tape is properly attached or coax cable may break loose during routing.**



**Caution**  
Be careful not to let the coax cable rub against the metal edges of vehicle body while pulling wire through.



**Caution**  
Take extra care to not pull down excessively on the headliner during this step. Headliner can easily be damaged/creased.



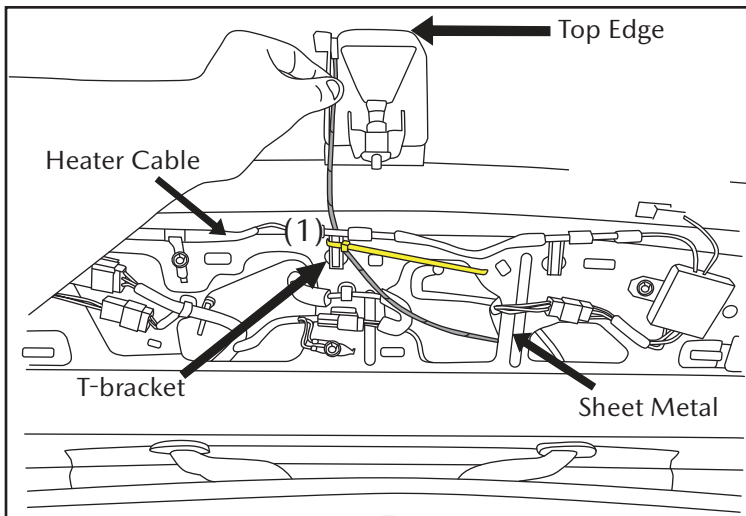
- c) Gently feed the coax cable down into the headliner area while pulling on the opposite end of the zip tie.



**Caution**  
Be sure to leave 1-2 ft of slack in coax cable on liftgate side for routing to the camera



**Caution**  
Take extra care to not pull down excessively on the headliner during this step. Headliner can easily be damaged/creased.

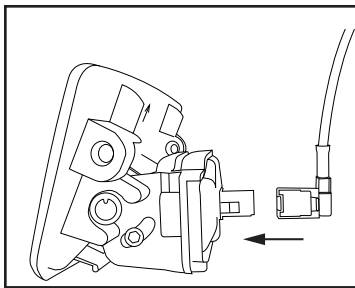


- d) Route cable behind vehicle sheet metal.
- e) Locate connector end of coax cable and line it up with the top edge of the camera bracket as shown.
- f) Use a zip tie to secure coax cable behind the plastic T-bracket at location (1) while making sure connector end of cable still aligns with the top edge of camera bracket.

**Caution**

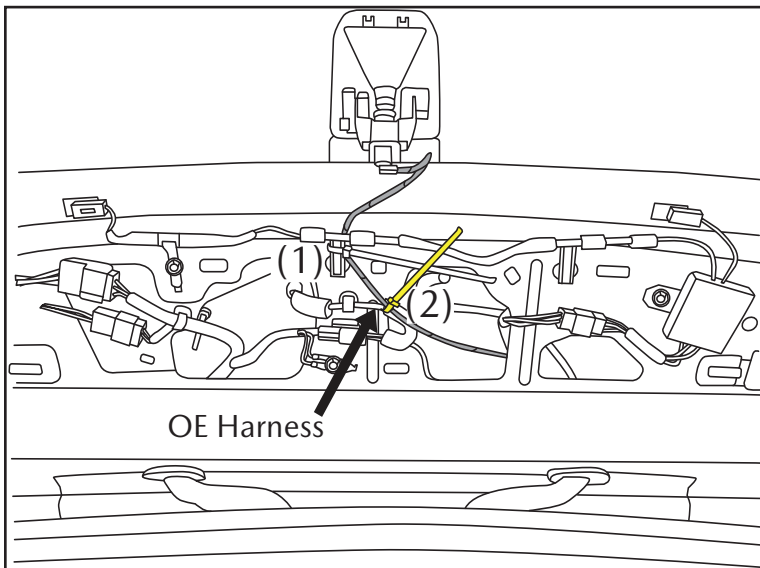


Take caution not to attach coax cable to windshield heater cable running horizontally across.

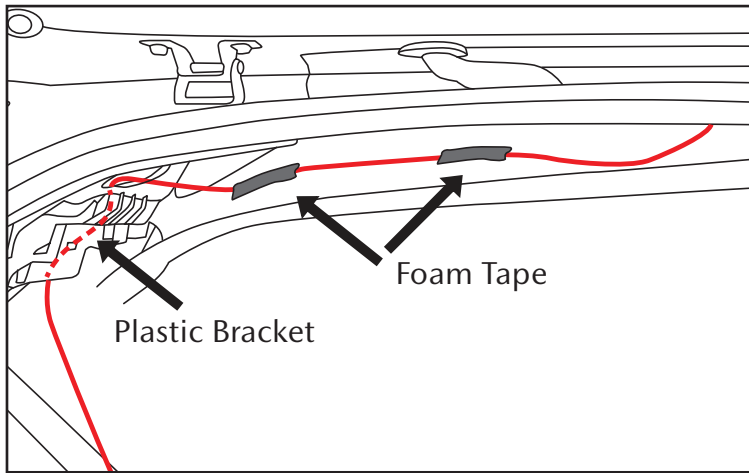


**Connect Coax Cable to Camera**

- a) Attach 90-degree female connector on coax cable to male connector on camera.



- b) Orient the wire as shown so that it points towards the passenger side of the vehicle. You should have some slack in the cable between camera and zip tie (1). This will be necessary to route the wire through the camera housing.
- c) Use one zip tie to attach coax cable to the center OE harness at location (2).
- d) Pull leftover slack through rubber boot to headliner area.



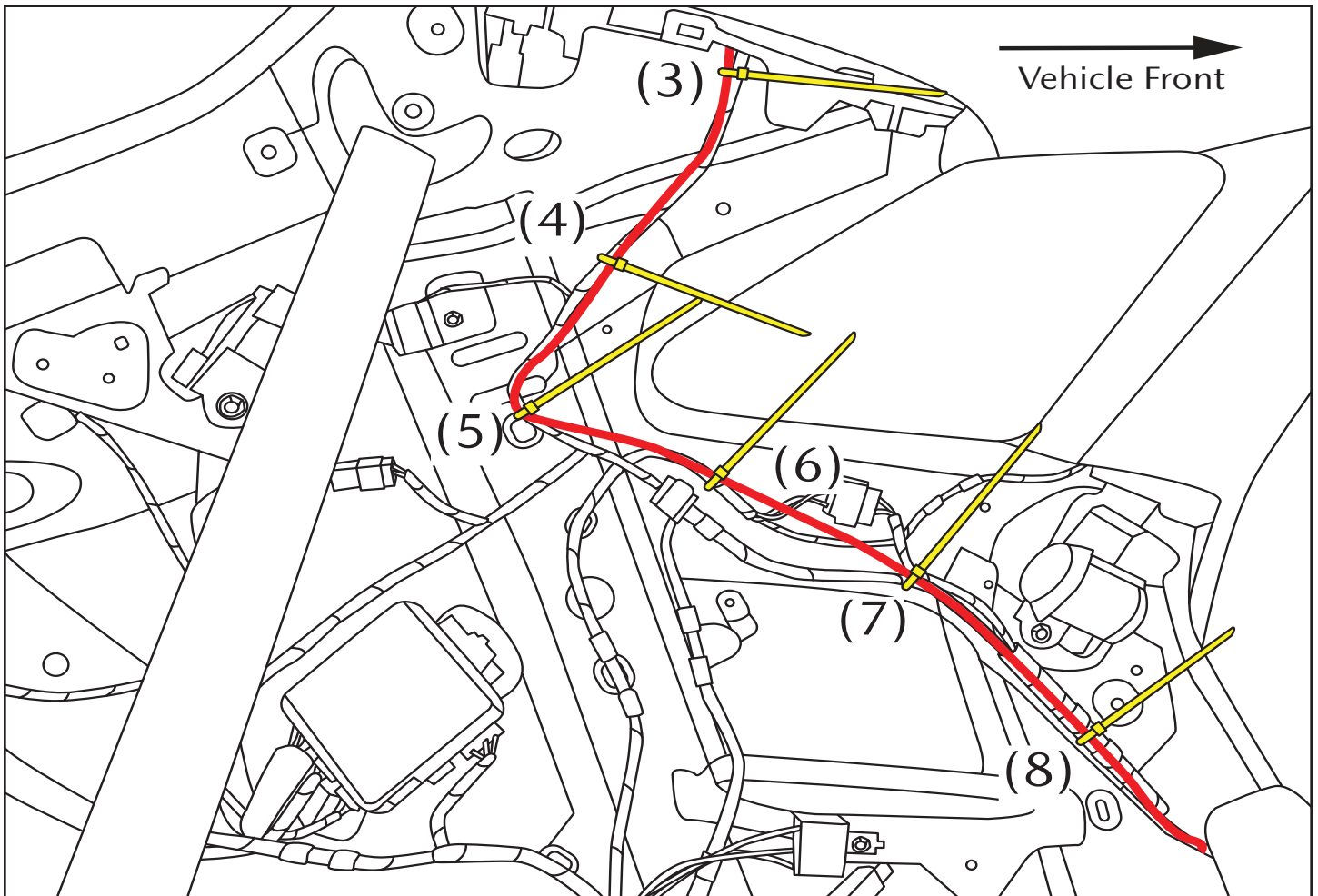
### Routing Coax Cable

- a) Gently pull headliner down just enough to see/route cable. **Take extra care to not pull down excessively on the headliner. Doing so can result in damage to the headliner.**
- b) Route cable across headliner and up & over the plastic bracket on the driver side D-pillar area.
- c) Use two pieces of foam tape to secure harness to headliner. **Be sure to remove as much slack as possible before taping. Any slack may result in the harness being too short to connect to mirror.**
- d) Headliner can now be reattached to ceiling.

#### Caution



Take extra care to not pull down excessively on the headliner during this step. Headliner can easily be damaged/creased.



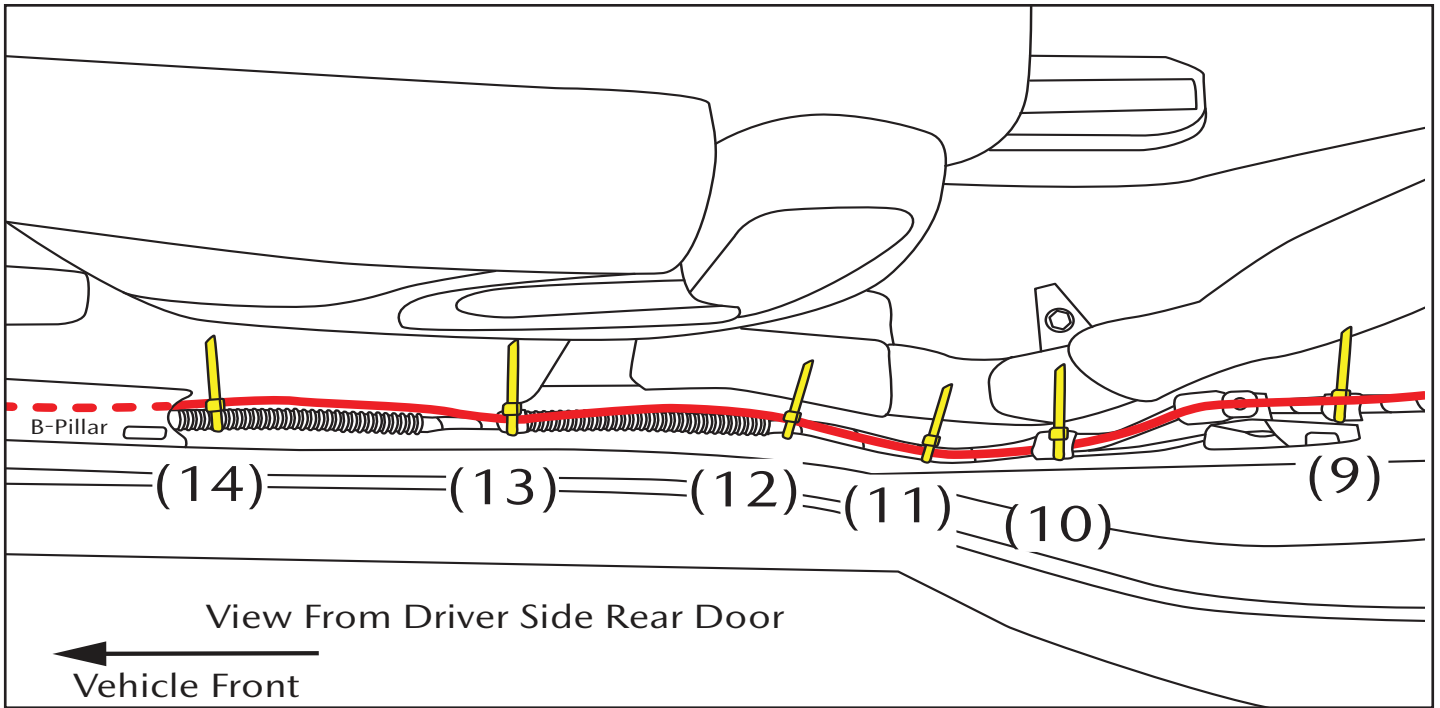
#### WARNING



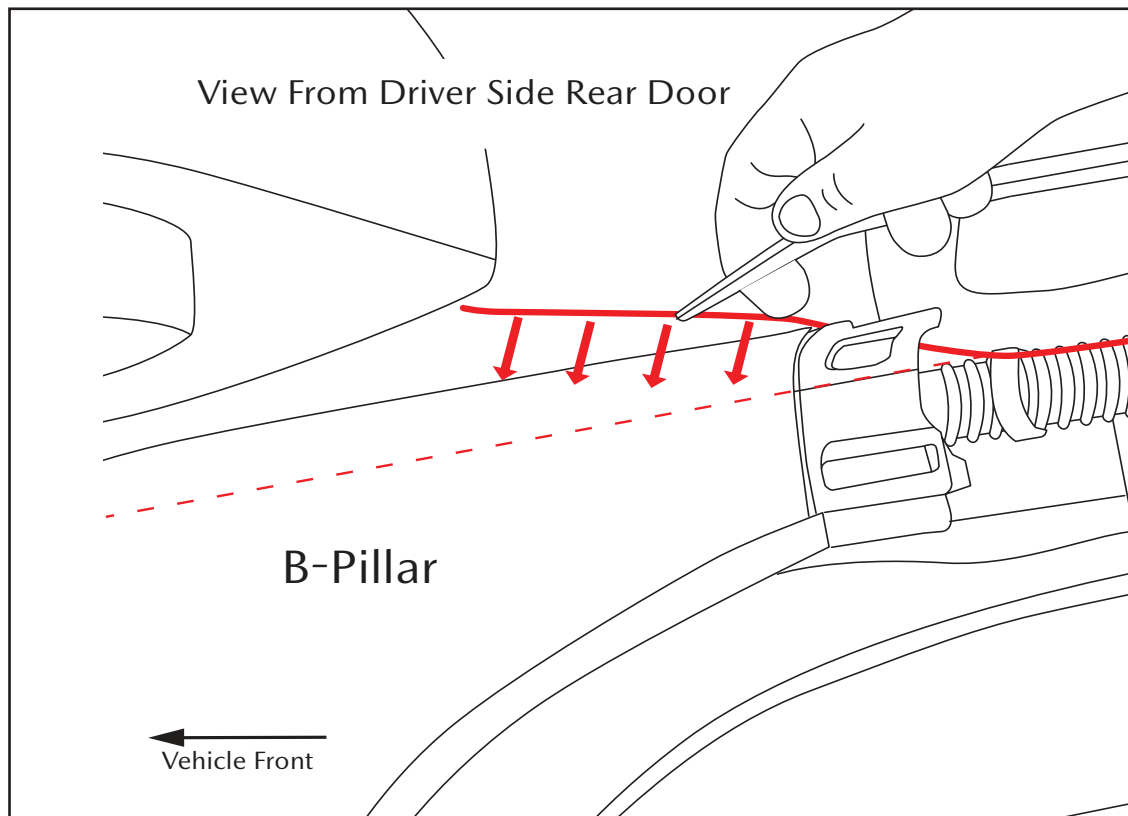
Take great care to stay away from any orange wires, connectors, or the electrical modules they are attached to. Damaging and/or coming into contact with said items can result in serious electrical shock/injury.

- e) Route coax down along the OE wire harness and secure with a zip tie at the six OE wire harness clips shown (3-8). Only attach zip ties to the existing OE wire clip locations. Make sure to remove all slack between zip ties, but do not fully tighten at this time.

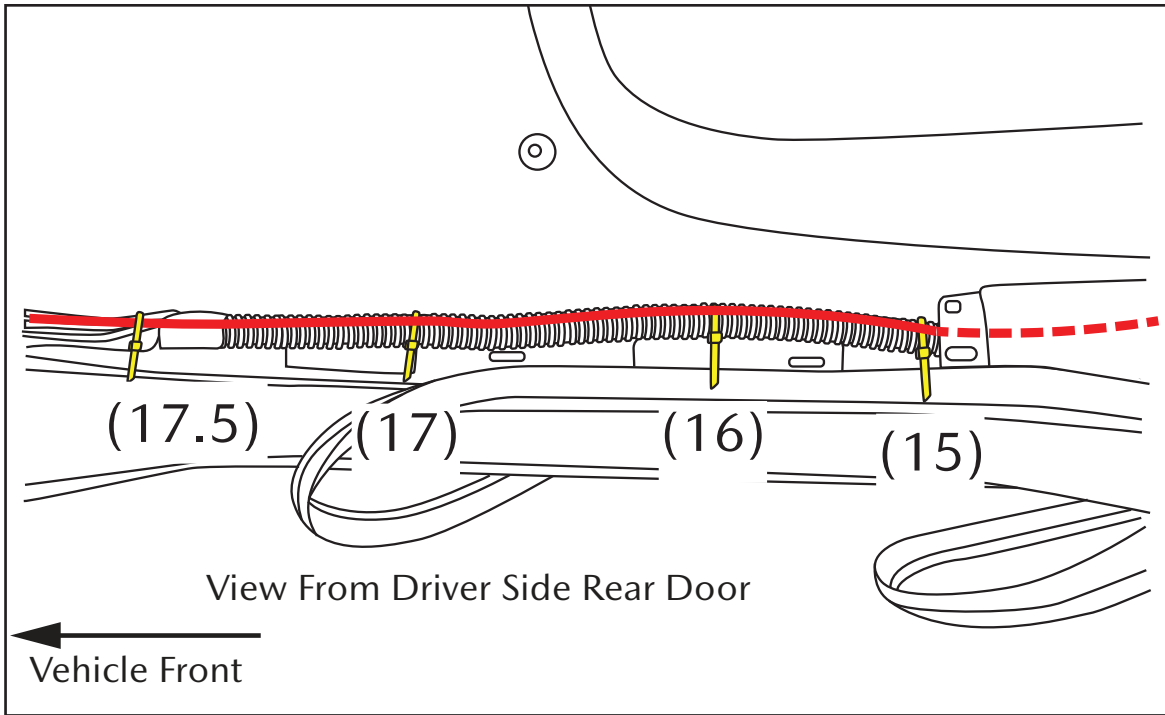




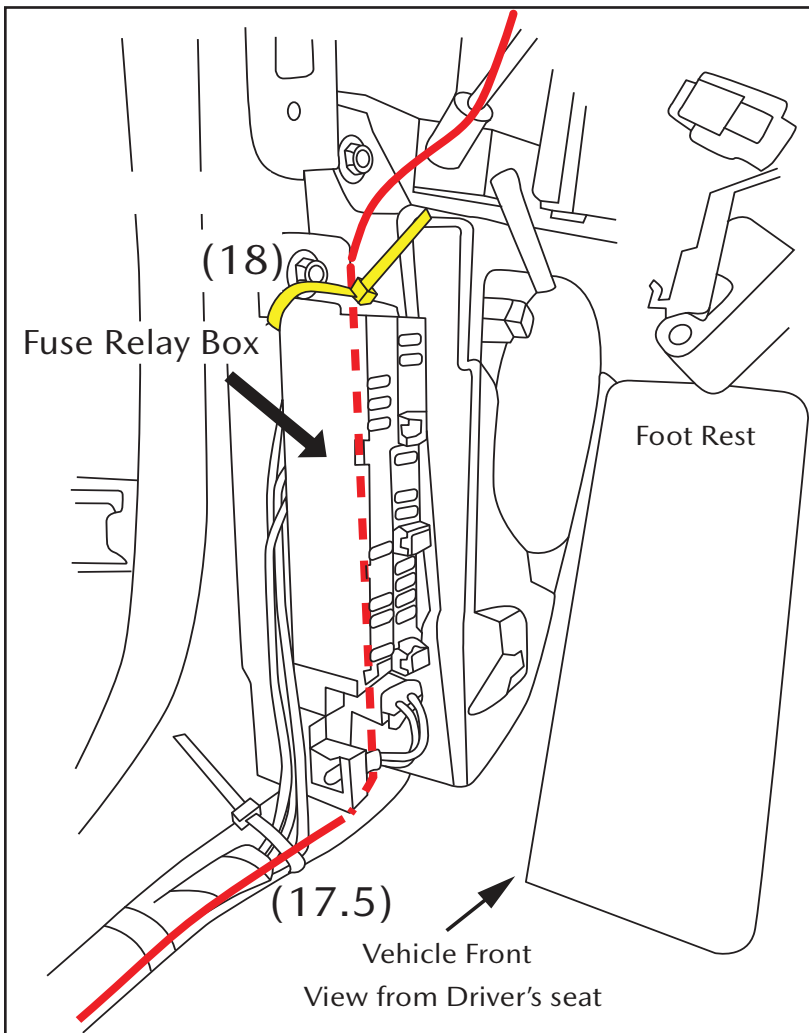
- f) Continue routing the coax cable down the rear driver side passenger door towards the B-pillar and use five zip ties to secure coax cable to the OE harness (9-14). Make sure to remove all slack, but not fully tighten as this time.



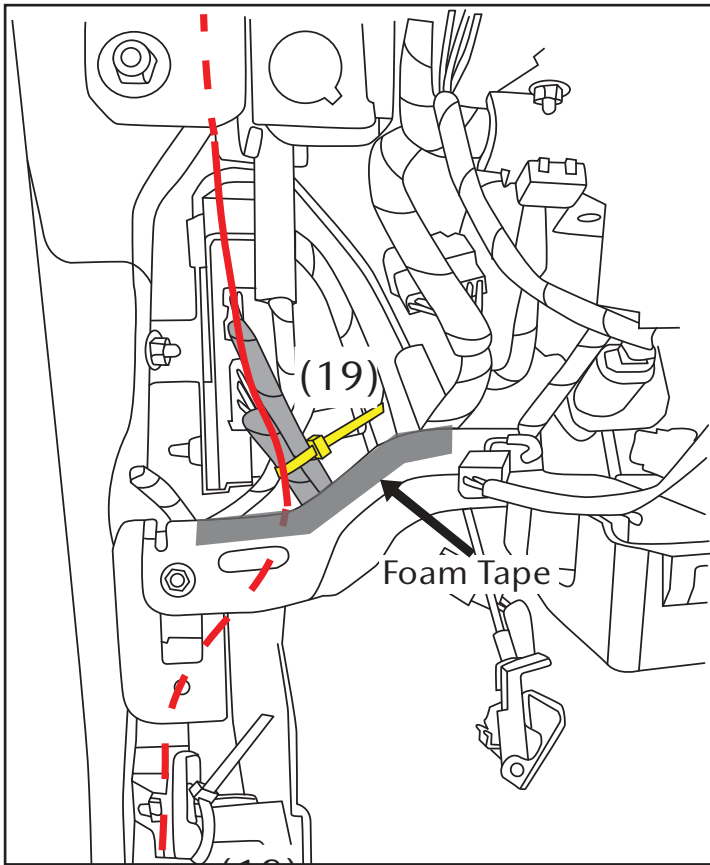
- g) Use a nylon trim removal tool to tuck coax cable under B-pillar trim towards the driver's side door.



h) Continue routing coax cable along OE wire harness towards the fuse relay box and attach using zip ties (15-17.5). Remove all slack, but do not fully tighten.

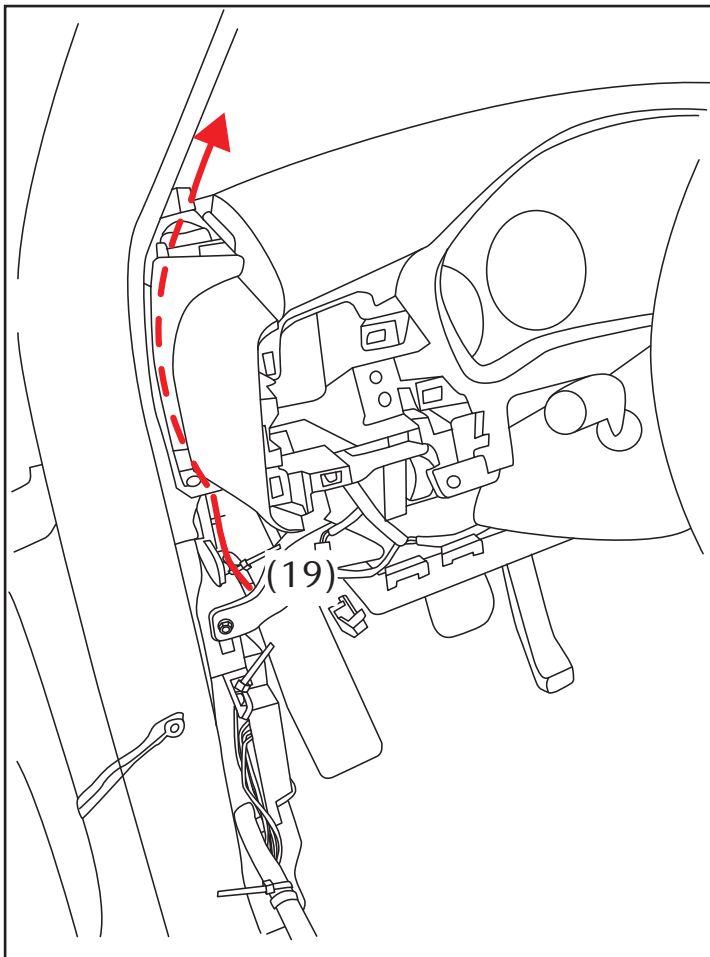


i) Route coax cable up and behind the fuse relay box and secure at top of relay box using a zip tie (18). Remove all slack.

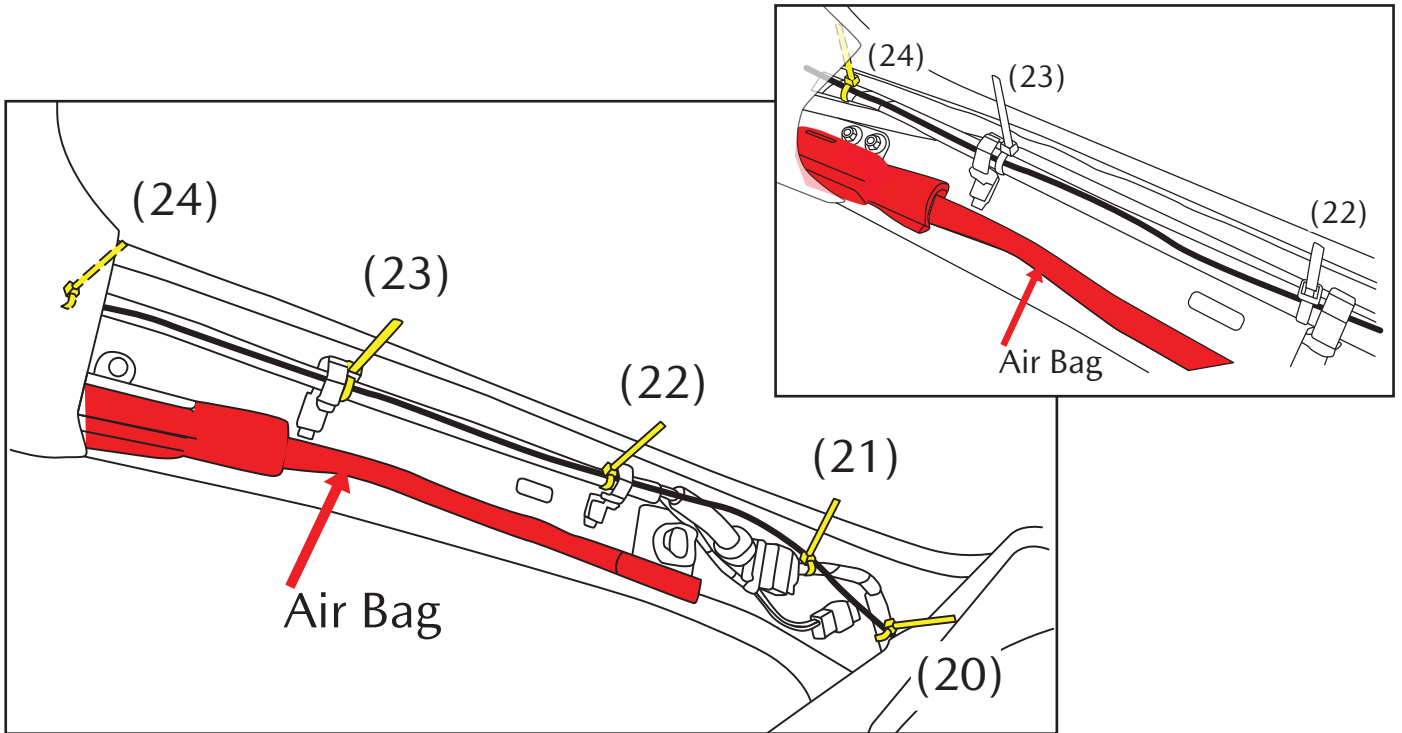


j) Place two pieces of foam pad to cover top back edge of metal bracket (edge pointing towards engine) above the fuse relay box. Coax cable will be routed behind bracket.

k) Route coax cable up and behind the bracket and secure to OE wire harness using a zip tie (19).

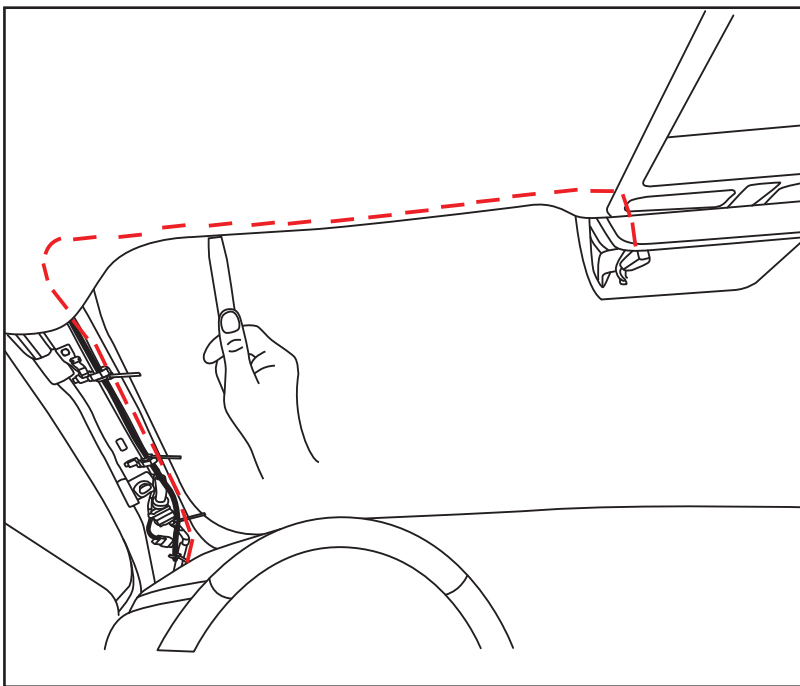


l) Route coax cable from under the dash to the upper A-pillar area using a flexible fishing tool. Use masking tape to secure end of coax to fishing tool. TIP: A 4 ft. zip tie is capable of fishing the cable through.

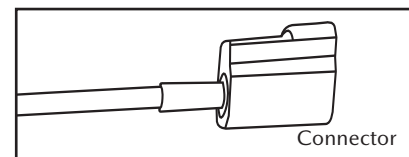


m) Route coax cable up the A-pillar area following the OE harness. Secure using five zip tie at locations (20-24), but do not fully tighten. Zip tie (24) is located slightly inside headliner.

**WARNING: DO NOT ATTACH COAX CABLE TO AIR BAG LOCATED IN THE LOWER A-PILLAR AREA. ALSO, DO NOT ATTACH COAX CABLE TO RUBBER DRAIN TUBE LOCATED NEXT TO THE OE HARNESS.**



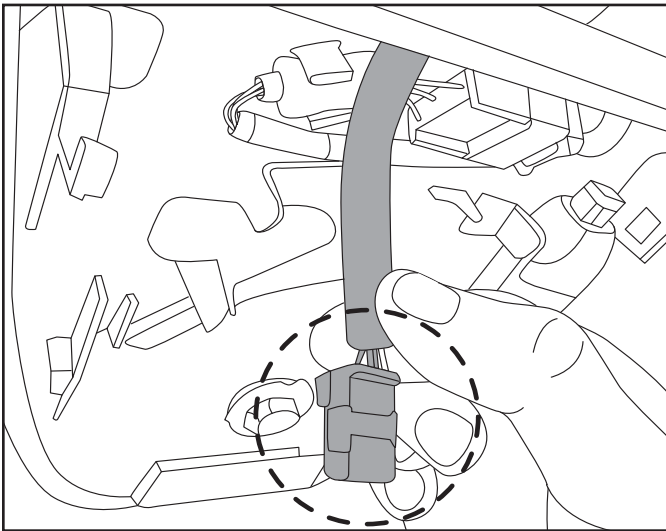
- n) Use a nylon trim removal tool to gently tuck coax cable into headliner area and down to windshield sensor hub area.
- o) Attach supplied connector to the straight end of the coax cable.



## Accessory Mirror Power Harness Installation

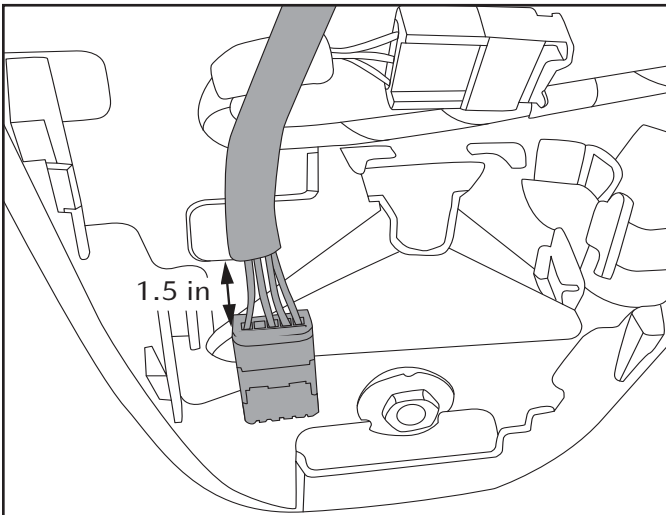
For vehicles with OE Auto Dimming Mirror, it is not necessary to install accessory mirror power harness.

a) Proceed to page 31, Step a.



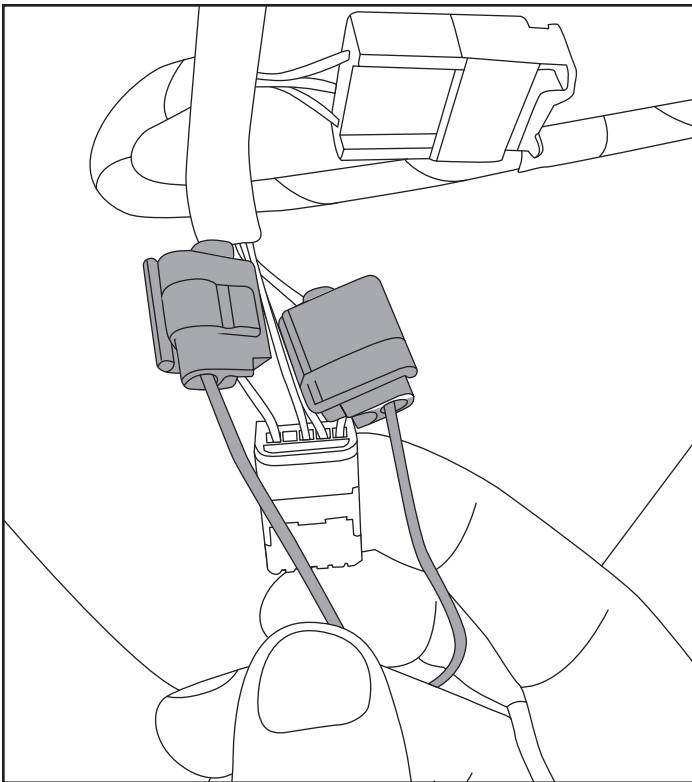
For vehicles without OE Auto Dimming Mirror, proceed to the following steps.

a) Locate OE harness connector that was unplugged from indicator assembly.



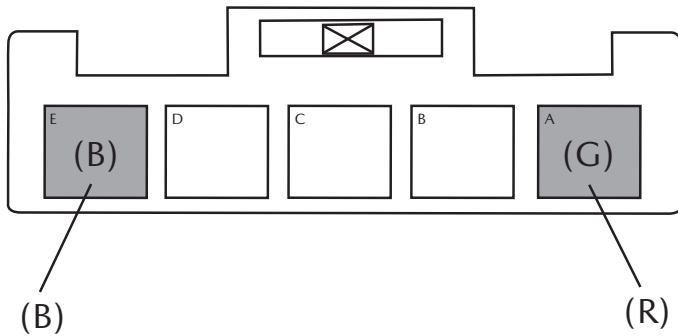
b) Carefully cut back about 1-1.5 inches of the felt tape surrounding wire harness.

**WARNING: MAKE SURE NOT TO DAMAGE VEHICLE HARNESS WIRES.**

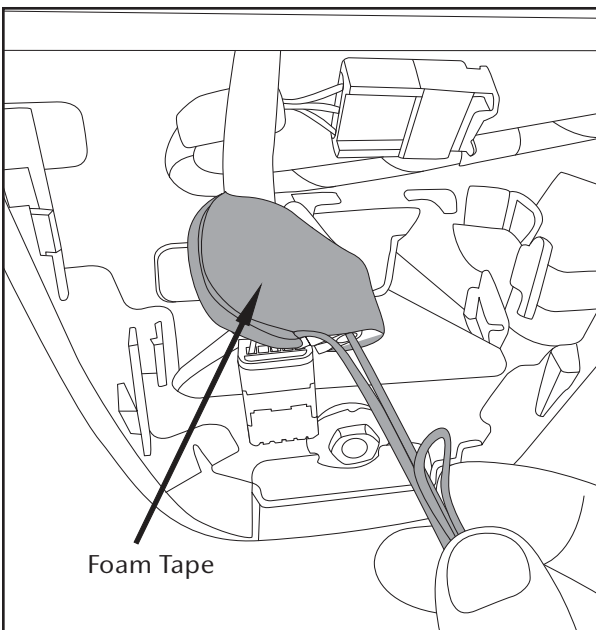


- c) Install Electro Taps on the now exposed wires of the vehicle indicator assembly harness position A (green) and E (black). Second wire openings should face towards connector. Refer to page 5 for reference.
- d) Crimp accessory black mirror harness wire in Electro Tap connected to the wire in terminal E (black wire) in the vehicle harness.
- e) Crimp accessory red mirror harness wire to the Electro Tap connected to the wire in terminal A (green wire) in the vehicle harness.

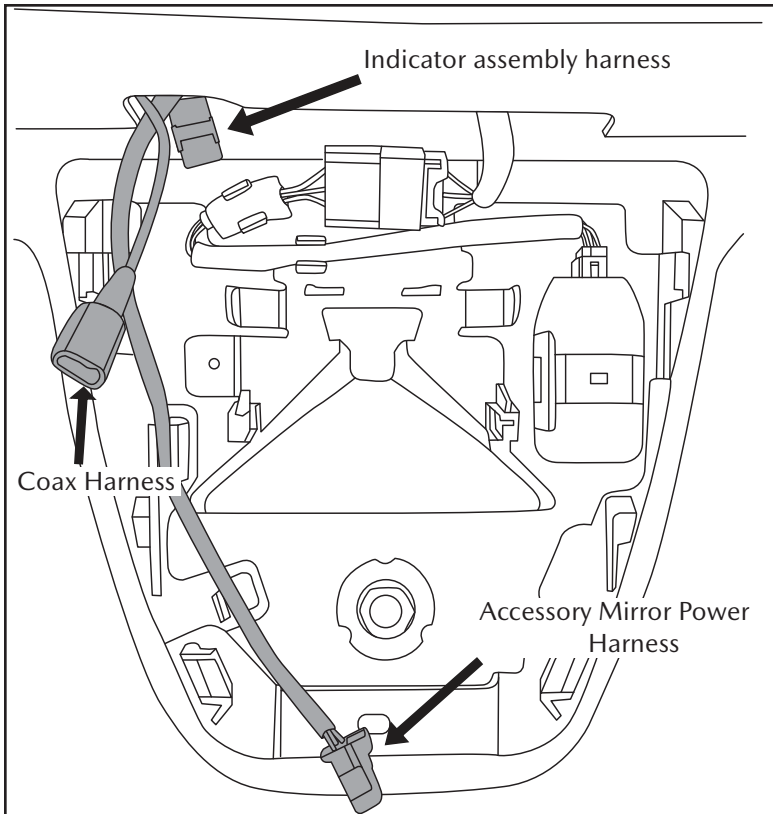
Harness/wire side



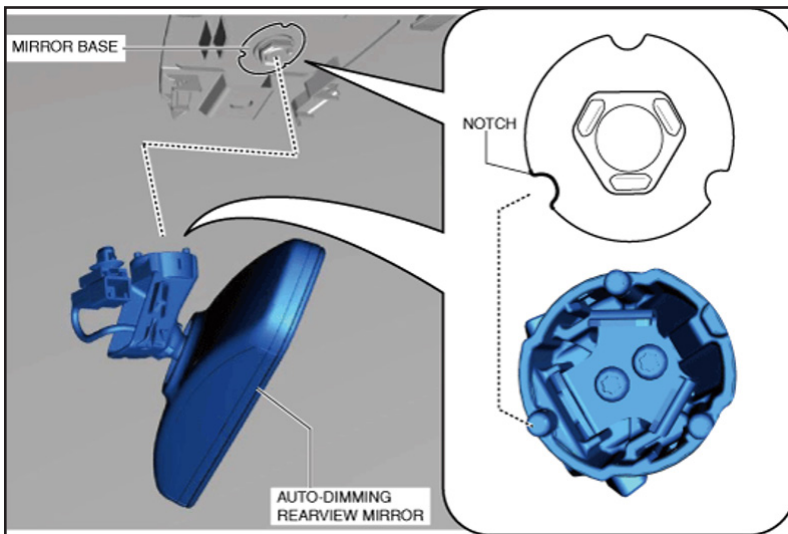
Roof Indicator Assembly Connector		
Accy Harness Wire Color	Vehicle Wiring Harness Wire Harness	Signal
Red (R)	Green (G)	Ignition (IG)
Black (B)	Black (B)	Ground (GND)



- f) Use a piece of foam tape to wrap IDC connectors, wire, and felt tape.

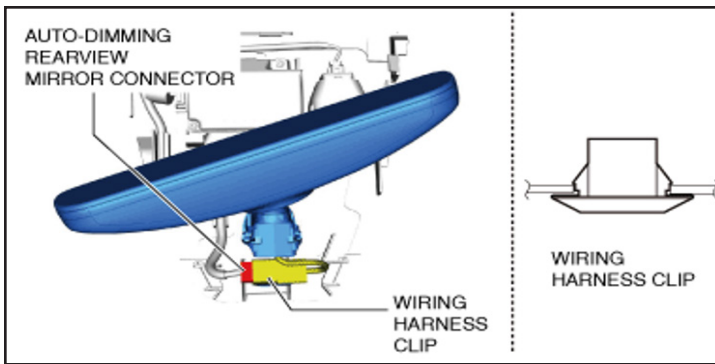


g) Return indicator assembly harness to headliner while leaving only the connector showing and route accessory mirror power harness down hub assembly area using the existing OE bracket/clips.



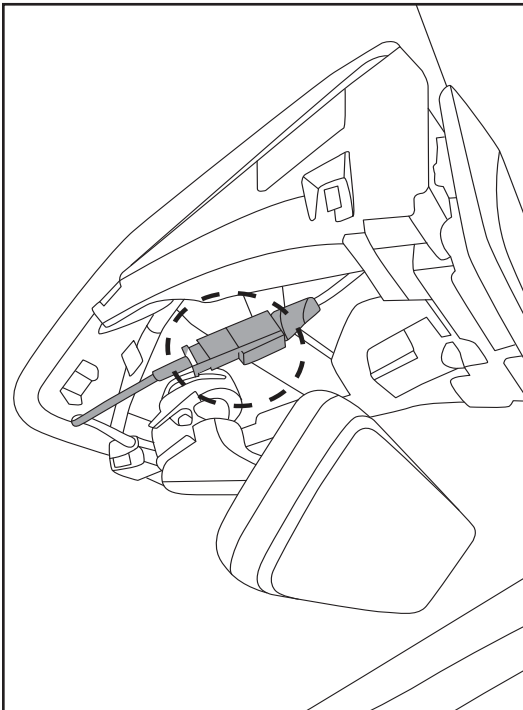
### Install Full Display Mirror

a) Once seated flush against mounting base, turn 60 degrees to lock mirror in place. **CAUTION: Do not force, mounting tabs on windshield are fragile.**

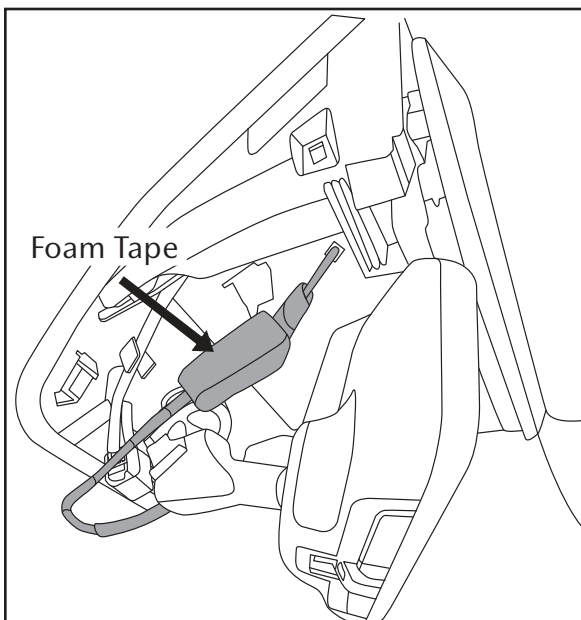
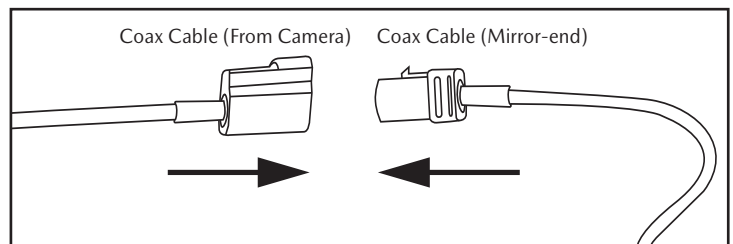


### Attach harness clip and connectors

- a) Attach wire harness clip to the mirror mounting bracket.
- b) Connect mirror harness connector.
- c) Connect the new accessory mirror connector to the existing Auto-Dimming Rearview Mirror Connector that was unplugged earlier in the instructions and seat mirror wiring harness clip back into the receiving bracket in the sensor hub area.

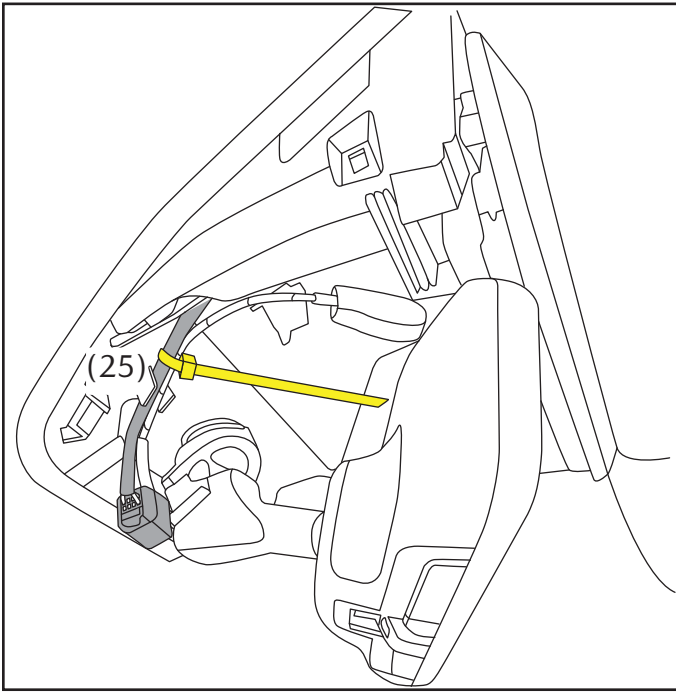


- c) Connect coax cable coming from camera to the coax cable end coming from the mirror. **NOTE: If coax cable end coming from camera does not reach the end coming from the mirror, check coax routing and adjust cable slack as needed. Do not relocate zip ties to any other locations.**



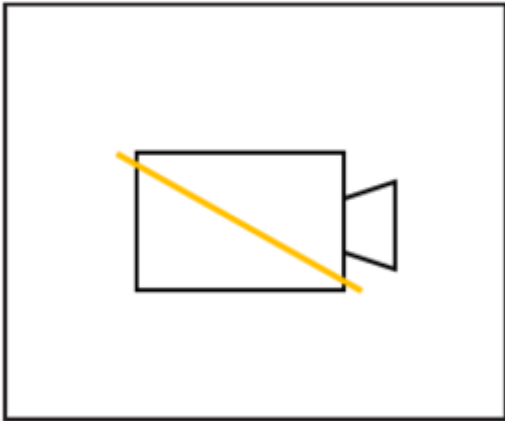
- d) Wrap one piece of foam tape around coax connector to reduce chance of rattle.





- e) Use one zip tie to secure coax cable to accessory power harness (25) while removing all slack from the hub area. Tuck any extra coax cable in headliner area if necessary.
- f) Fully tighten zip ties and trim all ends so they do not interfere with reassembly. **NOTE: Take caution not to lose any zip tie ends during trimming as they may drop into hard to reach areas and cause noise issues if left behind.**

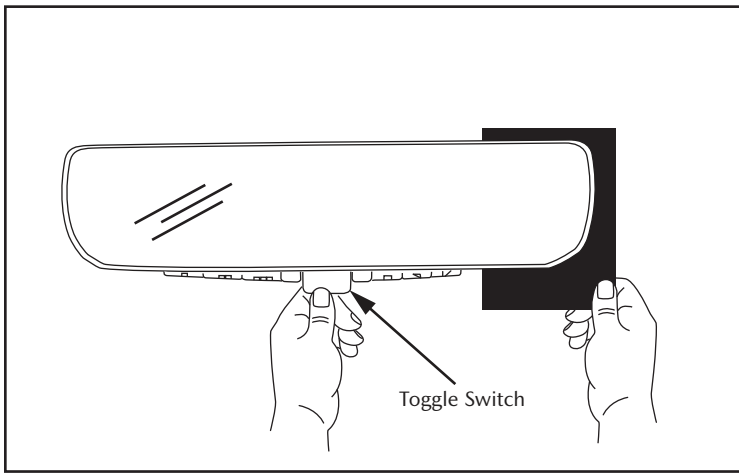
## 7. VERIFICATION



### Mirror Function Confirmation

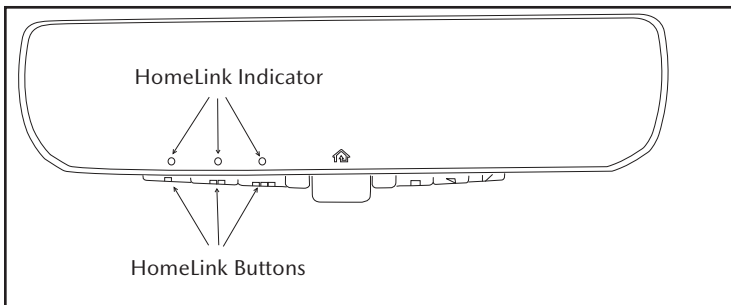
- a) Reconnect battery per vehicle workshop manual.
- b) Switch the vehicle into ignition mode.
- c) With the mirror in display mode (toggle switch towards the driver) confirm that the display and camera are functioning.

**HINT: if there is a problem with the camera connection, the display will be black with this symbol in the upper left-hand corner.**

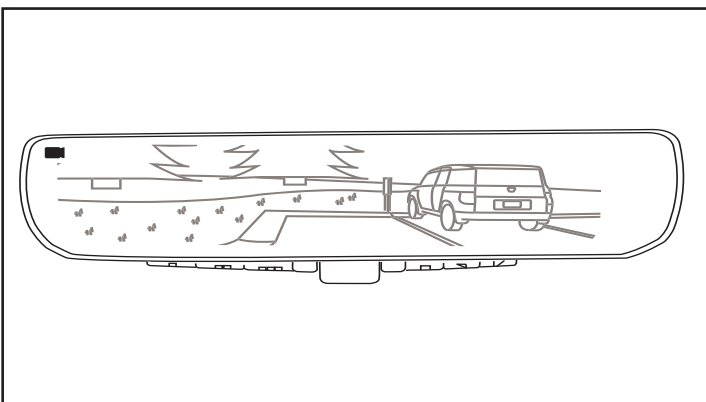


d) To test dimming function, toggle lever forward towards windshield to place in mirror mode.

e) While in mirror mode, using a dark cloth or cardboard, completely cover the forward-looking sensor. Mirror will dim after a few seconds (depending on light conditions). Remove the cover from the forward-looking sensor and the mirror will begin to clear.

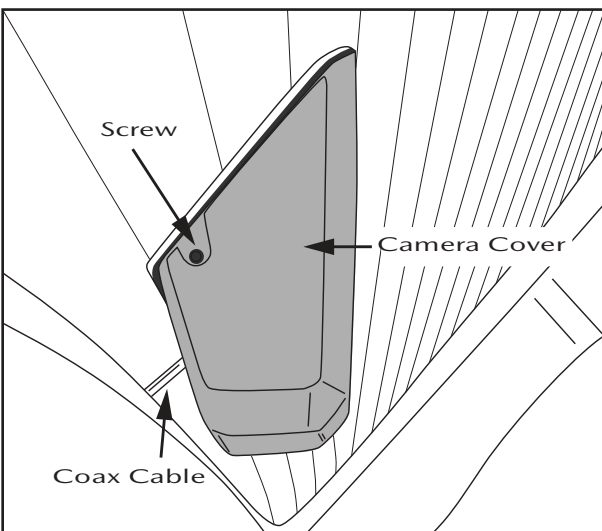


f) Press each of the three HomeLink buttons located on the left side of the mirror, one at a time, and verify the HomeLink indicators blinks.



g) Close the rear liftgate and toggle the switch rearwards towards the driver to activate the digital display mode. The image displayed should be the horizon behind the vehicle. **Tip: The display should show roughly 60% ground and 40% sky. To adjust the camera angle, please refer to page 21.**

## 8. Camera Cover Placement



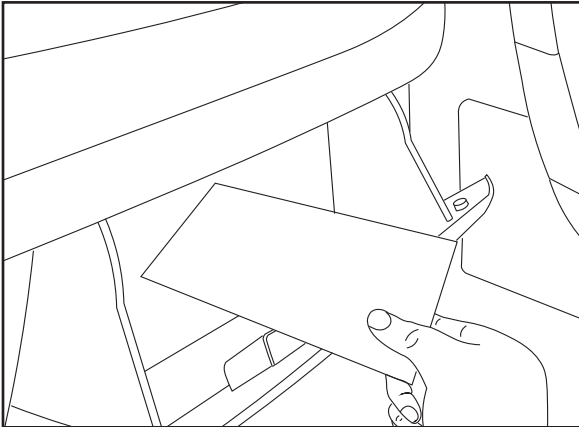
### Installing Camera Cover

a) Place camera cover over camera & base while insuring that the coax cable is safely routed through the opening on the upper most part of the cover.

b) Secure camera cover to base using two of the provided set screws. **CAUTION: Do not over tighten and take caution not to scratch/damage windshield.**

## 9. VEHICLE PART REASSEMBLY

### Vehicle Reassembly



- a) Switch vehicle mode to off.
- b) Place user guide, installation instructions, and allen wrench used to adjust camera, in the clear plastic bag that housed the kit contents.
- c) Place the bag in vehicle glovebox.
- d) Remove finger prints, smudges, etc. from mirror and rear glass and verify each component for proper fit and function.
- e) Reassemble vehicle in the opposite order that it was disassembled. Refer to the vehicle workshop manual if you encounter any issues during reassembly.

### Inspection

Inspection Parts	Inspection Items (O)			
	Clearance / Fit	Scratches / Dirt / Creases / Harness Interference	Installation / Tightening / Engagement	Operation Check
Negative battery terminal			O	
Driver side door seals	O	O	O	
Front side trim	O	O	O	
Front and rear driver side door sill trim	O	O	O	
Driver side A and D pillar trim	O	O	O	
Rear hatch trim	O	O	O	
Rear lift gate trim	O	O	O	
Headliner	O	O	O	
Digital Rearview Mirror mount	O		O	
Digital Rearview Mirror harness connector			O	
Digital Rearview Mirror coax connector			O	
Digital Rearview Mirror camera and bracket	O		O	
Display function				*1
Auto dimming function				*2
HomeLink				*3
Camera aim				*4
User guide, Install instructions, allen wrench			*5	

O : Applicable

\*1: Display functions and receives camera feed (mirror must be in display mode and vehicle must be in ignition mode)

\*2: Mirror dims (mirror must be in mirror mode and vehicle must be in ignition mode)

\*3: Orange circle blinks through the glass when each button is pushed (vehicle must be in ignition mode)

\*4: Camera should be aimed so that display shows roughly 60% ground, 40% sky. Refer to page 21 for more details.

\*5: In vehicle glove box