TECHNICAL INSTRUCTIONS FOR

SAFETY RECALL G04

POWER SLIDING DOOR WIRING HARNESS

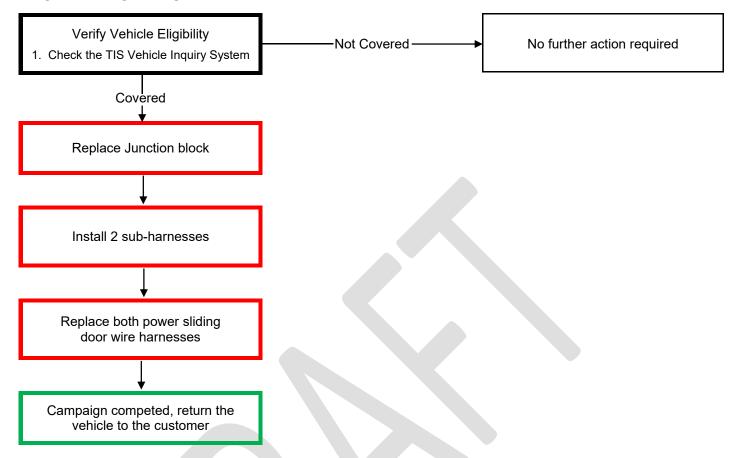
CERTAIN 2011-2016 Sienna

The repair quality of covered vehicles is extremely important to Toyota. All dealership technicians performing this recall are required to successfully complete the most current version of the E-Learning course "Safety Recall and Service Campaign Essentials". To ensure that all vehicles have the repair performed correctly; technicians performing this recall repair are required to currently hold <u>at least one</u> of the following certification levels:

- Certified Technician (Electrical)
- Expert Technician (Electrical)
- Master Technician
- Master Diagnostic Technician

It is the dealership's responsibility to select technicians with the above certification level or greater to perform this recall repair. Carefully review your resources, the technician skill level, and ability before assigning technicians to this repair. It is important to consider technician days off and vacation schedules to ensure there are properly trained technicians available to perform this repair at all times.

I. OPERATION FLOW CHART



II. IDENTIFICATION OF AFFECTED VEHICLES

- Check the TIS Vehicle Inquiry System to confirm the VIN is involved in this Safety Recall, and that the Campaign has not already been competed prior to dealer shipment or by another dealer.
- TMS warranty will not reimburse dealers for repairs completed on vehicles that are not affected or were completed by another dealer.

III. PREPARATION

A. PARTS

This campaign will require a parts kit for the appropriate model year, and a driver's and passenger's door wire harness. Due to the many variances in the door wire harnesses, a website has been set up to assist in correctly ordering the door wire harness and Owner's Manual Update Label Set.

Part Number	Part Description	Quantity
04007-04108	G04 parts kit (2011-2014)*	1
(from website)	RH Door Wire Harness	1
(from website)	LH Door Wire Harness	1
(from website)	Owner's Manual Update Label Set**	1 sheet

*The kit above includes the following parts:

Part Number	Part Description	Quantity
8216A-08010	Floor Wire #7	1
8216C-08010	Floor Wire #9	1
82730-08120	Drivers Side Junction Block	1
58521-08021	Floor Carpet Hook	6
82711-08220	Wire Harness Clamp (zip tie)	17

^{**} The Owner's Manual Update Label Set's are ordered in packs of 20 from the Material Distribution Center.

Note: Warranty will only allow campaign part kits on the claim. Do not order parts individually.

Part Number	Part Description	Quantity
04007-03108	G04 parts kit (2015-2016)*	1
(from website)	RH Door Wire Harness	1
(from website)	LH Door Wire Harness	1

*The kit above includes the following parts:

Part Number	Part Description	Quantity
8216A-08010	Floor Wire #7	1
8216C-08010	Floor Wire #9	1
82730-08130	Drivers Side Junction Block	1
58521-08021	Floor Carpet Hook	6
82711-08220	Wire Harness Clamp (zip tie)	17

Note: Warranty will only allow campaign part kits on the claim. Do not order parts individually.

B. TOOLS & EQUIPTMENT

Techstream

Standard Hand Tools

Torque Wrench

SST – These Special Service Tools required for this repair:

Part Number	Tool Name	Quantity
Campaign Part	Terminal Removal Tool 1.5mm	1
Campaign Part	Terminal Removal Tool 0.64 mm	1

C. MATERIALS

Electrical Tape

IV. BACKGROUND

In the involved vehicles, there is a possibility that under certain limited conditions, if the sliding door opening operation is impeded, the sliding door motor circuit could be overloaded, opening the fuse for the motor. If this occurs when the door latch is in an unlatched position, the door could open while driving, increasing the risk of injury to a vehicle occupant.

V. SAFETY PRECAUTIONS

1. PRECAUTION FOR HANDLING SRS SYSTEM

(a) Failure to carry out service operations in the correct sequence could cause the SRS to unexpectedly deploy during servicing, possibly leading to a serious accident. Furthermore, if a mistake is made when servicing the SRS, it is possible that the SRS may fail to operate when required. Before servicing (including removal or installation of parts, inspection or replacement), be sure to read the following items carefully, then follow the procedures exactly as indicated in the repair manual.

2. PRECAUTION FOR DISCONNECTING CABLE FROM NEGATIVE BATTERY TERMINAL

- (a) As SRS malfunctions are difficult to confirm, the Diagnostic Trouble Codes (DTCs) become the most important source of information when troubleshooting. When troubleshooting the SRS, always check for DTCs before disconnecting the battery.
- (b) Work must be started at least 90 seconds after the ignition switch is turned off and the cable is disconnected from the negative (-) battery terminal.

CAUTION:

- a) The SRS is equipped with a back-up power source. If work is started within 90 seconds after disconnecting the cable from the negative (-) battery terminal, the SRS may deploy.
- b) Never use a back-up power source (battery or other) to avoid clearing the system memory. The back-up power source may inadvertently power the SRS and cause it to deploy.
- (c) When the cable is disconnected from the negative (-) battery terminal, the memory of various systems will be cleared. Because of this, be sure to make a record of the contents memorized in each system before starting work. When work is finished, adjust each system to its previous state.

VI. INTERIOR DISASSEMBLY

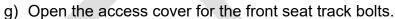


REMOVE FRONT SEATS LH & RH

- a) Remove the floor mats.
- b) Move seat to the forward position.
- c) Using a small screwdriver through the access slot, open the access cover for the rear seat track bolts. The cover is hinged on the opposite side, so only pry from the access slot side.
- d) Remove the two rear seat track bolts.
- e) Close the rear access covers to prevent damage.
- f) Move the seat to the most <u>rearward</u> position.



DO NOT disconnect the SRS (yellow) connectors before disabling the 12v battery.

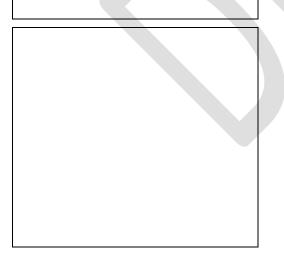


- h) Remove the two front seat track bolts.
- i) Close the front access covers to prevent damage.
- i) DISCONNECT THE 12V BATTERY

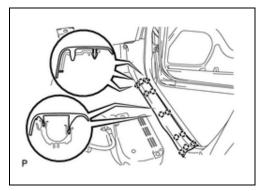


Wait at least 90 seconds after disconnecting the battery before proceeding to unplug an SRS component.

- k) Lean the seat rearward and disconnect the electrical connectors on the bottom of the seat.
- I) Lean the seats forward and remove the headrest.
- m) Remove the seats from the vehicle. Be extremely careful to not scratch any of the interior trim with the seat tracks as you remove the seats.
- n) Directions to remove airbag connectors

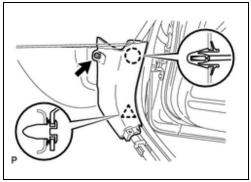


Need better instructions on airbag connectors



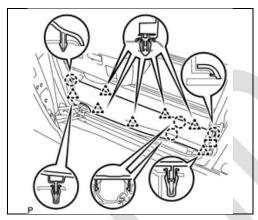
2. REMOVE FRONT DOOR SCUFF PLATE LH & RH

a) Pull upward to disengage the 12 clips.



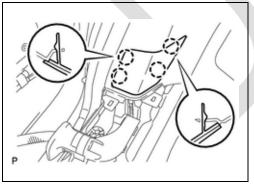
3. REMOVE COWL SIDE TRIM LH & RH

- a) Remove the plastic nut (indicated by the arrow).
- b) Pull Cowl Trim rearward to disengage the two clips.

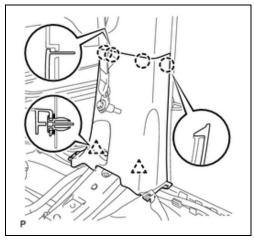


4. REMOVE REAR DOOR SCUFF PLATE LH & RH

a) Pull upward to disengage the 4 claws and 7 clips.

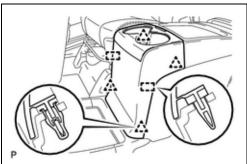


5. REMOVE QUARTER TRIM COVER PLATE



6. REMOVE B-PILLAR TRIM LH & RH

- a) Remove seat belt anchor lower cover.
- b) Remove seat belt anchor lower bolt.
- c) Pull the weather stripping away from the B-pillar.
- d) Remove the B-Pillar trim panel by pulling inward to disengaging the 4 claws and 2 clips.
- e) Push the weather stripping back into place.

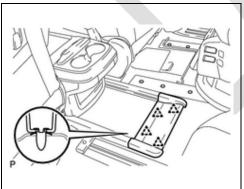


7. REMOVE FRONT CONSOLE (fixed type console)

 a) Pull upward and at an angle toward the dash on the cup holder front section to disengage the 4 clips and 2 guides.

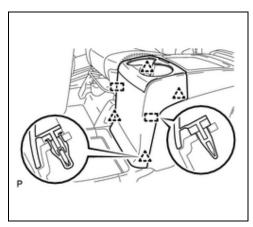


- b) Remove the felt cover in the bottom of the console storage area.
- c) Remove the 4 bolts (indicated by arrows).
- d) Remove the console from the vehicle.



8. REMOVE FRONT CONSOLE BOX (sliding type console)

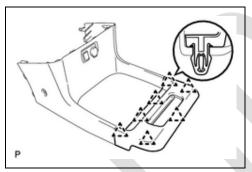
a) Pull upward on the box bottom trim panel to disengage the 4 clips.



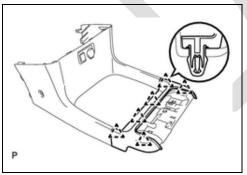
b) Pull upward at an angle toward the dash to disengage the 4 clips and 2 guides of the cup holder assembly.



- c) Remove the felt cover in the bottom of the console storage area.
- d) Remove the 6 bolts as shown.
- e) Remove the console from the vehicle.

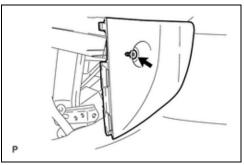


- 9. REMOVE LOWER CENTER COVER (w/o console)
 - a) Pull upward to disengage the 7 clips.



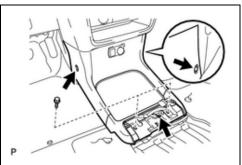
10. REMOVE LOWER CENTER COVER (w/ console)

a) Pull upward to disengage the 6 clips.



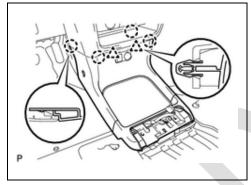
11. REMOVE FINISH PANEL END LH & RH

- a) Remove the clip
- b) Remove the panel

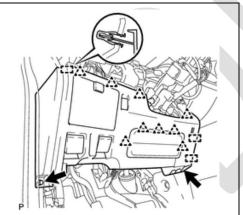


12. REMOVE LOWER CENER PANEL

- a) Remove 2 bolts
- b) Remove 3 clips

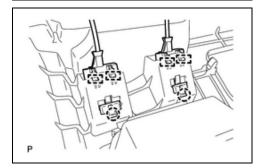


c) Pull rearward on the Lower Center Panel to disengage the 4 claws and 2 guides.

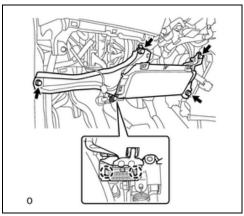


13. REMOVE INSTRUMENT PANEL LOWER FINISH PANEL

- a) Remove 2 bolts (indicated at arrows).
- b) While pulling the panel away from dash, disengage the 9 clips and 3 guides.
- c) Once the Lower Finish Panel is separated, there will be a few electrical connections to unplug, depending on the options of the vehicle.

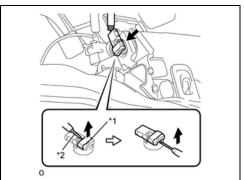


d) Depress the claw release and slide the assembly back to remove the hood and fuel door release levers from the lower finish panel.

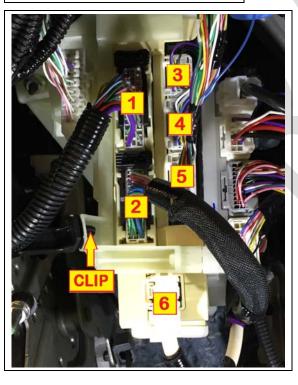


14. REMOVE KNEE AIRBAG

- a) Remove the 4 bolts
- b) Lift up on the airbag bracket to disengage the dashboard.



- c) Using a small screwdriver with the tip wrapped in protective tape (*2), pull up on the release clip (*1) to unseat the lock.
- d) Pull up on the connector to disconnect it from the airbag.
- e) Disengage the 2 claws on the DLC3 connector and separate it from the knee airbag.



15. REMOVE JUNCTION BLOCK ASSEMBLY

- a) Unplug the 6 connectors from the front of the JB.
- b) Use a small screwdriver to release the harness retaining clip without damage.





c) Pull the CAN Communication connector housing toward you and separate it from the JB. DO NOT pull by the wires.



DO NOT unplug the 8 individual CAN connectors. Only separate the entire housing from the JB.



d) Attached on the right side of the JB is a bracket that holds additional connectors. Use a small screwdriver and release the locking tab in the front lower right corner of the JB.



e) In the rear lower right corner of the JB is another release. Use your finger to pull out on the release tab and separate the bracket from the JB.

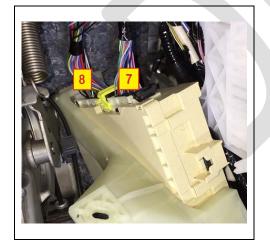


f) In the upper right corner of the JB is an additional release. Use a screwdriver to separate the bracket from the JB.



g) Remove the two nuts and lower the JB.

Note: There are still two connectors at the rear of the JB, so be careful not to damage any wires as you lower the JB. These connectors will be disconnected in the next step.



- h) From the rear of the JB, unplug connector #7
- i) Slide the yellow safety latch forward by first releasing the locking tab.
- j) Unplug connector #8

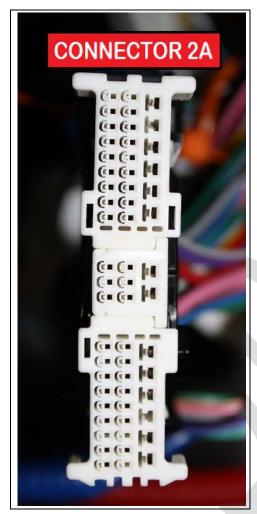


VII. SUB HARNESS #7 INSTALLATION

2011 - 2014 Models: Proceed to Step 1 on page 13

OR

2015 – 2016 Models: Proceed to Step 2 on page 16

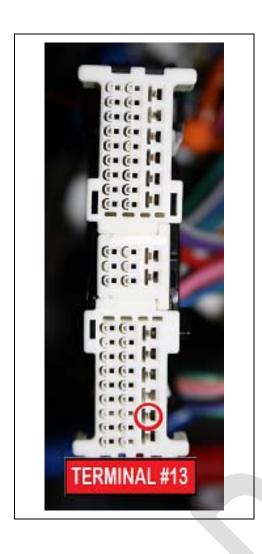


1. REMOVE TERMINAL FROM CONNECTOR FOR RH DOOR (2011-2014 Models ONLY)

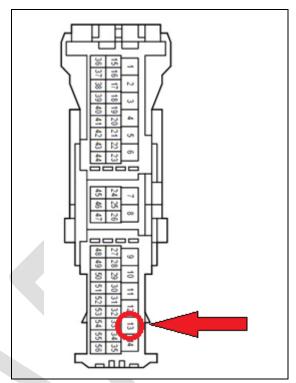
a) Locate connector 2A. This connector is one of the two connectors that was removed from the <u>rear</u> of the junction block.



The four JB connectors looks very similar, so pay close attention to the shape and terminal count of the connector to verify you have selected connector 2A.



b) Locate terminal #13 of connector 2A (view from the front) (2011-2014 Models ONLY)



c) Turn the connector around to view the wire side. Locate the wire that is plugged into terminal 13. It will be a light green color. (2011-2014 Models ONLY)

Need photo



If the wire that you see in terminal 13 is anything other than light green, you are <u>not</u> working on connector 2A. Try again.



d) Fold the Connector Locking Arm to the locked position by first releasing the latch on both sides and then pivoting the arm to the locked position.

Update with photos of Connector 2A

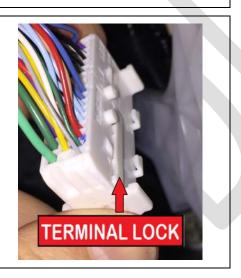


e) Slide the Connector Locking Arm off the connector by first pulling outward at the rear of the Arm on both sides, about 1/4" (6mm). This should be just enough for the slots on the Primary Locking Arm to clear the pins on the connector.





Attempting to remove the Connector Locking Arm in the open position will result in damage to the alignment guide. Be sure to first close the Locking Arm before attempting to remove it.



f) Unlock the secondary terminal lock using a very small pick or screwdriver. Pry up at both ends until the secondary terminal lock has popped up about 1/16" (2mm)

Note: The secondary terminal lock will not pop up any more than about 1/16" (2mm). DO NOT force it any more than this. Make sure that it is evenly open from end to end.



- g) Remove the terminal from position #13
 (2011-2014 Models ONLY)
 Link to Animation
- h) Skip to Step #3 on page 18

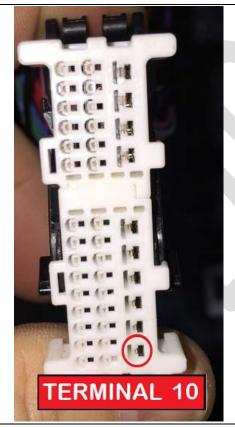


2. REMOVE TERMINAL FROM CONNECTOR FOR RH DOOR (2015-2016 Models ONLY)

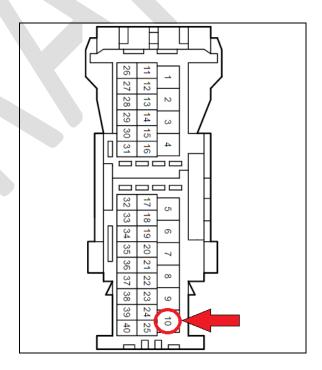
a) Locate connector 2D. This connector is one of the two connectors that was removed from the <u>rear</u> of the junction block.



The four JB connectors looks very similar, so pay close attention to the shape and terminal count of the connector to verify you have selected connector 2D.



i) Locate terminal #10 of connector 2D (view from the front)





j) Turn the connector around to view the wire side. Locate the wire that is plugged into terminal 10. It will be a light green color.



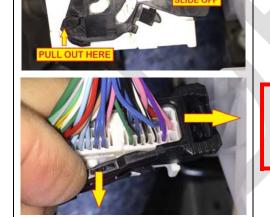
If the wire that you see in terminal 10 is anything other than light green, you are <u>not</u> working on connector 2D. Try again.

Need this picture with the primary lock installed

k) Fold the Connector Locking Arm to the locked position by first releasing the latch on both sides and then pivoting the arm to the locked position.



 Slide the Connector Locking Arm off the connector by first pulling outward at the rear of the Arm on both sides, about 1/4" (6mm). This should be just enough for the slots on the Primary Locking Arm to clear the pins on the connector.





Attempting to remove the Connector Locking Arm in the open position will result in damage to the alignment guide. Be sure to first close the Locking Arm before attempting to remove it.



m)Unlock the secondary terminal lock by using a very small pick or screwdriver. Pry up at both ends until the secondary terminal lock has popped up about 1/16" (2mm)

Note: The secondary terminal lock will not pop up any more than about 1/16" (2mm). DO NOT force it any more than this. Make sure that it is evenly open from end to end.

n) Remove the terminal from position #10

Link to animation

Need pic of B-pillar brace



3. ROUTE SUB-HARNESS #7 FOR RH DOOR

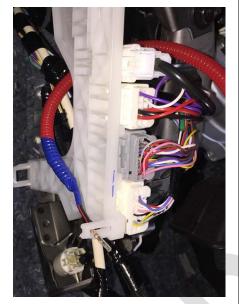
- a) Locate sub-harness #7 from the parts kit. It will be the longer of the two harnesses (approx. 15' 4" or 470cm).
- b) Locate the sheet metal brace between the floorboard and the B-pillar on the RH side

Note: The pictures in these instructions will show the sub-harnesses as red in color. This is for illustrative purposes only. The parts you will actually install on the car will not be red.

- c) Route the terminal end of sub-harness #7 (shown in red) under the sheet metal brace at the B-pillar on the RH side. Start at the rear of the brace and push the wire through the space between the brace and floorboard until it is reachable from the front side of the brace.
- d) Pull about 10' (300cm) of sub-harness #7 through the brace.
- e) Lay the wire across the floorboard so that it can be reached from the LH side.



- f) At the LH B-pillar, route sub-harness #7 as shown. It needs to be routed under the transverse body harness, and the longitudinal body harness.
- g) Pull about 4' (122cm) of the sub-harness through, enough to reach the JB.



h) Route the terminal end of the sub-harness #7 (shown in red) around the junction connector block. Be sure to route the sub-harness on top of the connectors.

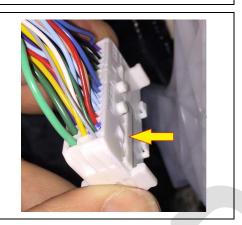


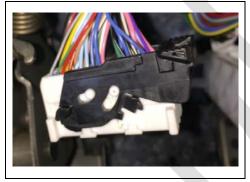
4. INSTALL TERMINAL INTO CONNECTOR (2011-2014)

- a) Insert the terminal of sub-harness #7 into cavity #13 of connector 2A for 2011-2014 (the same location that you previously removed the light green wire).
- b) Verify correct installation by pulling lightly on the wire to ensure that it is properly latched into the connector. The wire should not back out of the connector.
- c) Wrap electrical tape around sub-harness #7 and the main wire harness for connector 2A. Wrap the tape around the tubing and not the wires.

Need pic of 2A with sub harness in pin 13









5. INSTALL TERMINAL INTO CONNECTOR (2015-2016)

- d) Insert the terminal of sub-harness #7 into cavity #10 of connector 2D for 2015-2016 (the same location that you previously removed the light green wire).
- e) Verify correct installation by pulling lightly on the wire to ensure that it is properly latched into the connector. The wire should not back out of the connector.
- f) Wrap electrical tape around sub-harness #7 and the main wire harness for connector 2D. Wrap the tape around the tubing and not the wires.

Need pic of 2D with sub harness in pin 10

g) Relock the terminal lock by pressing in.

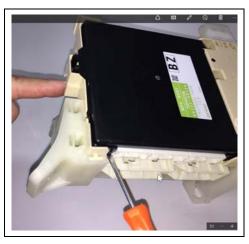
Need pic with sub harness installed

h) Reinstall the primary locking arm to the closed position.



Attempting to install the Connector Locking Arm in the open position will result in damage to the alignment guide. Be sure to install the locking arm in the closed position.

i) Release the latches on each side and rotate the locking arm to the open position.



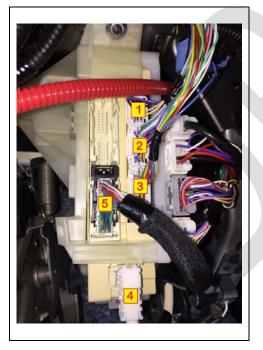
6. TRANSFER BODY ECU TO NEW JUNCTION BLOCK

- a) Remove the Body ECU (black) from the original JB (beige) by inserting a small screwdriver into the access opening on the side with the connectors.
- b) Depress the release tab while gently prying upward on the Body ECU. Continue to lift the Body ECU to disengage the hooks at the rear of the Body ECU.
- c) Install the original Body ECU into the NEW Junction Block.



7. INSTALL JUNCTION BLOCK

- a) Reinstall the bottom connector (2A) into the rear of the JB and lock into place.
- b) Slide the yellow safety lock rearward
- c) Install the top connector (2D) into the rear of the JB and lock into place.



- d) As you guide the JB into place, reattach the junction connector bracket on the right.
- e) Guide the JB over the mounting studs and start the nuts.

 Torque to xxxx
- f) Be sure that sub-harness #7 (shown in red) is routed as shown.
- g) Reinstall the 5 connectors as shown. Notice that the 6th connector (2H) will not be installed at this time.
- h) Slide to CAN communication housing into place

Pic with CAN communication housing installed

VIII. SUB HARNESS #9 INSTALLATION (2011-2016)



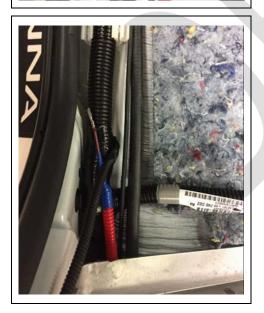




- a) Locate sub-harness #9 from the parts kit. It will be the shorter of the two harnesses (approx. 9'2" or 280cm).
- b) Locate the sheet metal brace between the floorboard and the B-pillar on the LH side.

Update pic w/o wires installed

c) Route the terminal end of sub-harness #9 under the sheet metal brace at the B-pillar on the LH side. Start at the rear of the brace and push the wire through the space between the brace and floorboard until it is reachable from the front side of the brace.



- d) Route sub-harness #9 between the B-pillar and the small wire harness the runs vertically to the door jamb switch.
- e) Pull about 4' (122cm) of sub-harness #9 through.

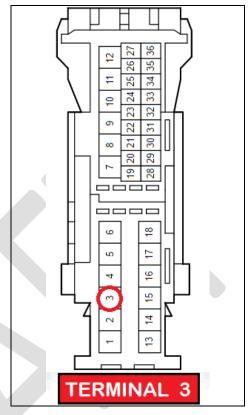


2. INSTALL SUB-HARNESS #9 INTO CONNECTOR 2H (2011-2106)

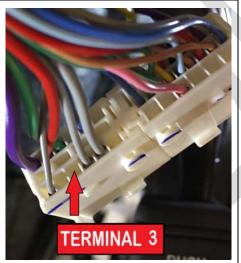
a) Locate connector 2H. It's one of the two large connectors that plugs into the front of the JB.

b) Locate

terminal #3 of connector 2H.



c) Turn the connector around to view the wire side. Locate terminal #3. This will be an open cavity with no wire installed.



If there is a wire in terminal 3, you are <u>not</u> working on connector 2H. Try again.

Need pic with lock arm installed



d) Fold the Connector Locking Arm to the locked position by first releasing the latch on both sides and then pivoting the arm to the locked position.



e) Slide the Connector Locking Arm off the connector by first pulling outward at the rear of the Arm on both sides, about 1/4" (6mm). This should be just enough for the slots on the Primary Locking Arm to clear the pins on the connector.



STOP

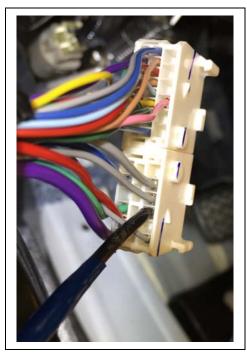
Attempting to remove the Connector Locking Arm in the open position will result in damage to the alignment guide. Be sure to first close the Locking Arm before attempting to remove it.



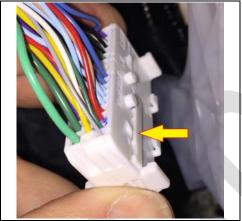
f) Unlock the secondary terminal lock by using a very small pick or screwdriver. Pry up at both ends until the secondary terminal lock has popped up about 1/16" (2mm)

Note: The secondary terminal lock will not pop up any more than about 1/16" (2mm). DO NOT force it any more than this. Make sure that it is evenly open from end to end.

Need this pic of 2H



- g) Insert the terminal end of sub-harness #9 into terminal #3 of connector 2H.
- h) Verify correct installation by pulling lightly on the wire to ensure that it is properly latched into the connector. The wire should not back out of the connector



a) Relock the terminal lock by pressing in.



Need pic of 2H

- i) Wrap electrical tape around sub-harness #9 and the main wire harness for connector 2H. Wrap the tape around the tubing and not the wires.
- i) Reinstall connector 2H into the JB.

IX. ROUTE AND SECURE SUB-HARNESSES

Need photo







1. PRINT THE LAYOUT DIAGRAMS

- a) Print the full page layout diagrams from section XIII.
- b) The diagrams are labeled in reference to which side of the vehicle they belong, and the order from front to back.
- c) Lay the diagrams onto the floorboard of the vehicle in the proper order.
- d) Use the diagrams as a visual aid to properly route the sub-harnesses and install the zip ties to secure the subharnesses to the vehicle.

ROUTING ON DRIVERS DIAGRAM #1

- a) Starting at the JB, ensure that sub-harness #7 from the back side of JB has a gentle radius as it wraps around to the front of the JB. Be sure that is clear of the brake pedal bracket.
- b) Wrap Zip Tie #1 around both sub-harnesses and the connector harness. Be sure the zip tie is wrapped around the tubing, and the wires.
- c) Wrap Zip Tie #2 around both sub-harnesses and the main body harness, just above the clip.
- d) Wrap Zip Tie #3 around both sub-harnesses and the main body harness
- e) Wrap Zip Tie #4 as the sub-harnesses make the 90 degree turn to run along the door sill. Leave as much room as possible for the clip of the Cowl Side trim panel behind the mounting bracket.

3. ROUTING ON DRIVERS DIAGRAM #2

- a) Zip tie #4 was detailed on Diagram #1
- b) Route both sub harnesses along the sill, to the outside of the white plastic clips that are holding the body harness. There is enough room for one harness to lay on top of the other harness.

4. ROUTING ON DRIVERS DIAGRAM #3

- a) Wrap Zip tie #5 around sub harness #7 and the main body harness.
- b) Wrap Zip tie #6 through the opening in the carpet padding, around the body harness and the sub-harness.
- c) Run the sub-harness under the carpet padding and along the floorboard rail all the way to the passenger's side. No zip ties are required.









- a) Route sub-harness #9 next to the body harness, inside of the 3 plastic harness retaining clips.
- b) Attached Zip Tie #7 and #8 as shown. Wrap the zip ties around both harnesses, but not around the fuel door release cable.

6. ROUTING ON DRIVERS DIAGRAM #5

- a) Zip Tie #8 was detailed on Diagram #4
- b) Wrap Zip Tie #9 around the the sub harness and the body harness, but not around the fuel door release cable.
- c) Wrap Zip Tie #10 around the sub-harness and the white plastic channel.

7. ATTACH SUB-HARNESS CONNECTOR



8. ROUTING ON PASSENGERS DIAGRAM #1

- a) Continue feeding the sub-harness under the carpet padding from the driver's side.
- b) Wrap Zip Tie #11 through the opening in the carpet padding, around the body harness and the sub-harness.
- c) Wrap Zip Tie #12 around the body harness. Be sure there is a large enough radius in the wire and it goes under the B-pillar brace.



9. ROUTING ON PASSENGERS DIAGRAM #2

- a) Route sub-harness #7 next to the body harness, inside of the plastic harness retaining clips.
- b) Attached Zip Tie #13, #14 and #15 as shown. Secure the sub-harness to the body harness.



10. ROUTING ON PASSENGERS DIAGRAM #3

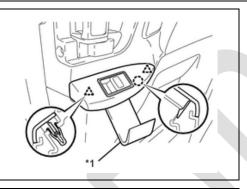
- a) Zip Tie #15 was detailed on Diagram #2
- b) Wrap Zip Tie #15 and #16 around the body harness.
- c) Wray Zip Tie #17 around the sub-harness and the white plastic channel.



11. ATTACH SUB-HARNESS CONNECTOR

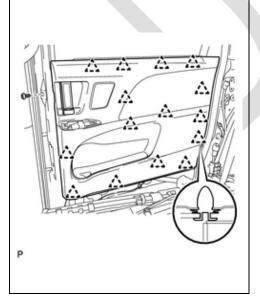
Need pic for RH side

X. REPLACE SLIDING DOOR HARNESS LH & RH



REMOVE RH & LH SLIDING DOOR PANEL

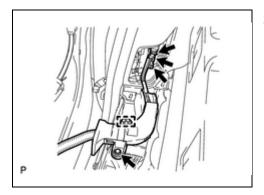
- a) Remove the window switch panel.
- b) Disengage the electrical connector on the switch.



2. REMOVE THE SLIDING DOOR PANEL LH & RH

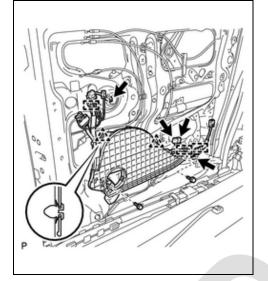
- a) Remove the retaining screw.
- b) Slide the interior door lock to the LOCK position
- c) Start at the front lower corner, pull the panel out to disengage the 1st clip.
- d) Work along the bottom to disengage the next 3 clips.
- e) Work vertically up both sides to disengage the 7 clips.
- f) Starting the front along the top edge, pull straight OUT. DO NOT try to lift up (vertically).
- g) DO NOT pull straight out on the rear upper corner of the panel. Pivot outward from the front of the door panel to disengage the J hook in the rear.
- h) If vehicle is equipped with 10 speaker audio, there is an additional speaker wire to disconnect once the door panel is free.

Link to video



3. REMOVE REAR DOOR WIRE HARNESS LH & RH

- a) Disconnect the two electrical connectors.
- b) Remove the bolt to disengage the harness guide.



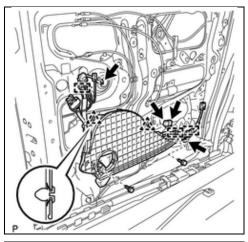
- c) Remove the bolt and disengage the guide
- d) Remove the bolt and disconnect the ground wire
- e) Disconnect the electrical connectors
- f) Remove the 3 clamps
- g) Remove the 2 bolts
- h) Disengage the 2 clips and remove the rear door wire harness.

Need better instructions Where are the part #'s located?



4. VERIFY REPLACEMENT DOOR HARNESS LH & RH

a) Use the following chart to compare the part number of the harness removed from the vehicle to the replacement harness.





- a) Engage the 2 clips and install assembly
- b) Install 2 bolts

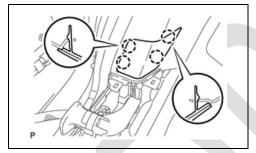
Torque 55 in.lbs {6.2 N·m, 63 kgf·cm}

- c) Install 3 clamps
- d) Plug in electrical connectors
- e) Install the bolt and ground wire

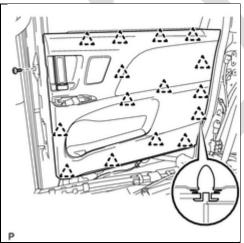
Torque 75 in.lbs {8.5 N·m, 87 kgf·cm}



- f) Engage the guide and install the bolt Torque 55 in.lbs {6.2 N·m, 63 kgf·cm}
- g) Connect the three electrical connectors

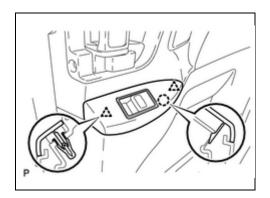


h) Install the quarter trim hole cover.



6. INSTALL DOOR PANEL LH & RH

- a) Verify that the door lock slider is still in the unlocked position.
- b) If vehicle is equipped with the 10 speaker audio system, connect the speaker electrical connector.
- c) Engage the 15 clips by pushing in on the door panel.
- d) Reinstall the retaining screw.



e) Reinstall the window switch plate

XI. INSTALL INTERIOR

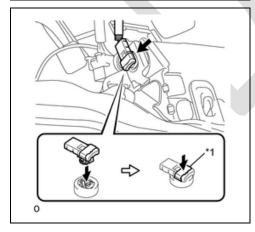


1. INSTALL CARPET

- a) Lay the carpet back into the front of the vehicle.
- b) There are Velcro attaching points for the carpet under the accelerator pedal. Ensure that the Velcro on the carpet is properly attached to the vehicle to prevent the carpet from shifting under the accelerator pedal.
- c) Be sure the harness for the airbags and audio amplifier are routed correctly through the openings in the carpet.



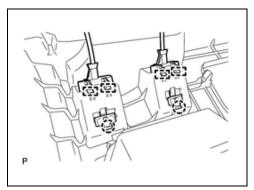
- d) At the LH & RH front door sill, the carpet goes under the wiring harnesses. Pull the body harness (and the subharnesses on the LH side) out of the door sill area to allow access.
- e) Remove the floor carpet hooks from the floorboard.
- f) Lay the carpet in place in the door sill area.
- g) Replace the floor carpet hooks with NEW hooks.
- h) Reinstall the wire harnesses on top of the carpet.



2. INSTALL KNEE AIR BAG

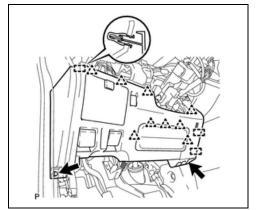
- a) Verify that the 12v battery is still disconnected, and has been for at least 90 seconds.
- b) Connect the airbag connector. Be sure the engage the lock.
- c) Reconnect the DLC3 connector to the bracket at the base of the knee airbag.
- d) Install the 4 bolts for the knee airbag.

Torque 7 ft.lbs {10 N·m, 102 kgf·cm}

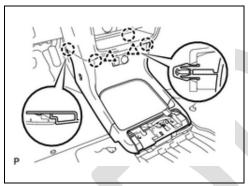


3. INSTALL LOWER FINISH PANEL

- a) Slide the fuel door and hood release assemblies into place to engage the claws.
- b) Reconnect the electrical connectors for the Sliding Door, TPWS, Interior Room temp sensor, and others depending on options.

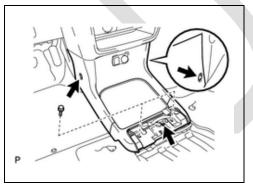


- c) Push in on the lower finish panel to engage the 9 clips and 3 guides.
- d) Install the 2 bolts.

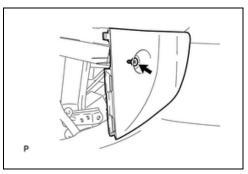


4. INSTALL LOWER CENTER PANEL

a) Slide the Lower Center panel in to engage the 4 claws and 2 guides.

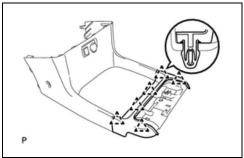


- b) Install 2 bolts.
- c) Install 3 clips.



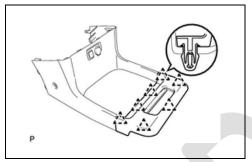
5. INSTALL FINISH PANEL ENDS LH & RH

- a) Align guides with Lower Center Panel.
- b) Install clip.



6. INSTALL LOWER CENTER COVER (w/ CONSOLE BOX)

a) Push down to engage the 6 clips.



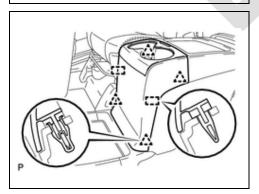
7. INSTALL LOWER CENTER COVER (w/o CONSOLE BOX)

a) Push down to engage the 7 clips.

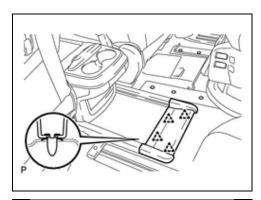


8. INSTALL FRONT CONSOLE BOX (w/ SLIDING TYPE)

- a) Set the console assembly into place.
- b) Install 6 bolts.
- c) Install the felt liner in the bottom of the box.



d) Slide the cupholder assembly into place at a downward angle.

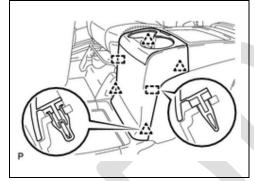


e) Install bottom trim panel by pushing downward to engage the 4 clips.

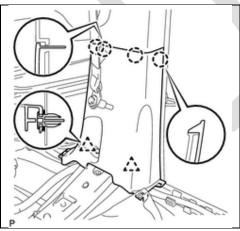


9. INSTALL FRONT CONSOLE BOX (W/O SLIDING TYPE)

- a) Set the console into place.
- b) Install 4 bolts.
- c) Install felt liner in bottom of box.



d) Slide the cupholder assembly into place at a downward angle.

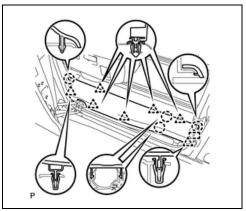


10. INSTALL B-PILLAR TRIM LH & RH

- a) Pull the weather striping away from the B-pillar.
- b) Push in on the trim piece to engage the 4 claws and 2 clips.
- c) Set the weather striping back into place.
- d) Install the seat belt anchor lower bolt

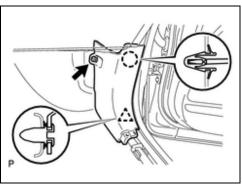
Torque 31 ft.lbs {42 N·m, 428 kgf·cm}

e) Install seat belt anchor lower cover



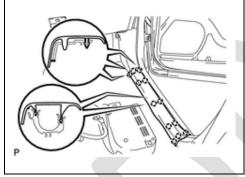
11. INSTALL REAR DOOR SCUFF PLATE LH & RH

a) Push down to engage the 4 claws and 7 clips.



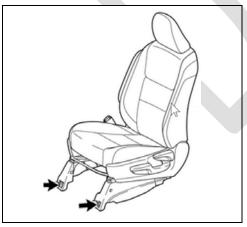
12. INSTALL COWL SIDE TRIM LH & RH

- a) Push the Cowl Side Trim in the engage the 2 clips.
- b) Thread the plastic nut into place.



13. INSTALL FRONT DOOR SCUFF PLATE LH & RH

a) Push down to engage the 12 clips



14. INSTALL FRONT SEATS LH & RH

- a) Place the seat in position using extreme care not to damage any of the interior trim.
- b) Install the headrest.
- c) Ensure that the 12v battery is still disconnected, and has been for at least 90 seconds.
- d) Lean the seat rearward and connect the electrical connectors.
- e) Lean the seat forward and start the 2 bolts for the front seat tracks, but leave them loose.



f) Connect the 12v battery.



Make sure that the airbag connectors on BOTH seats are connected before the battery is connected.

- g) Move the seat to the forward position and install 2 rear bolts.

 Torque 27 ft.lbs {37 N·m, 377 kgf·cm}
- h) Move the seat to the rear postion and tighten the 2 front bolts.

 Torque 27 ft.lbs {37 N·m, 377 kgf·cm}
- i) Install floor mats.

XII. INSPECTION & INITILIZATION

1. INSPECTION

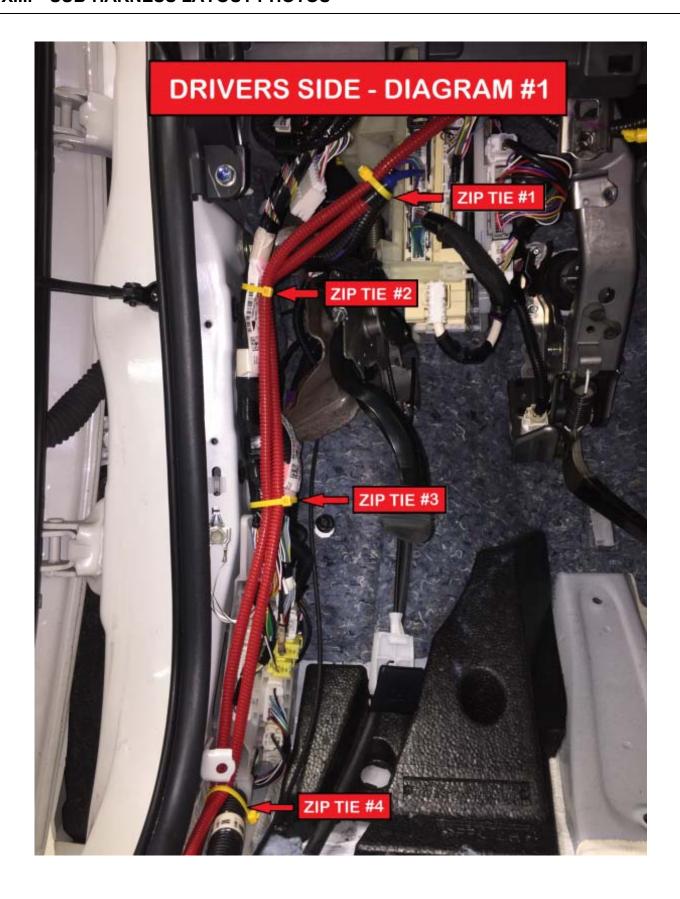
- a) Verify operation of power sliding rear doors.
- b) Health Check

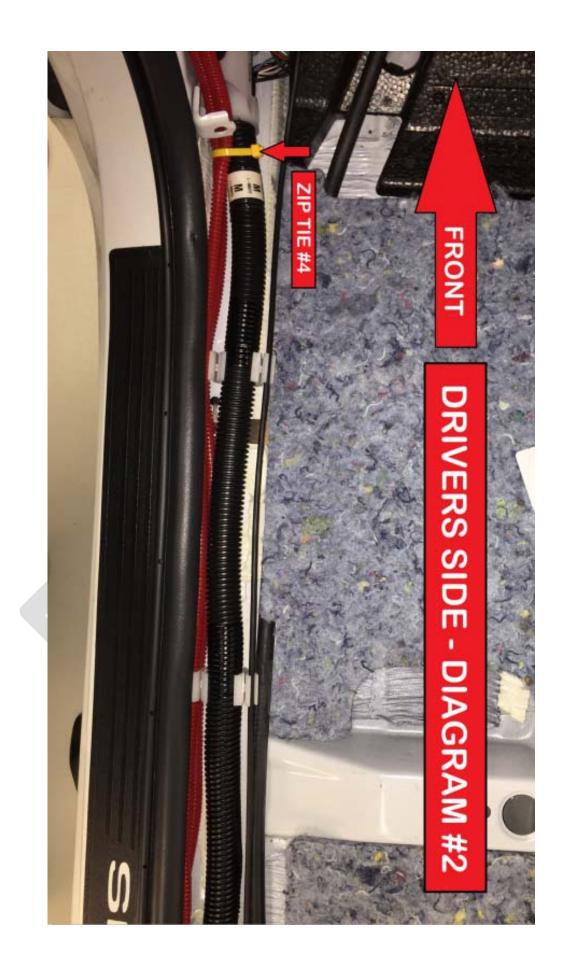
2. INITILIZATION

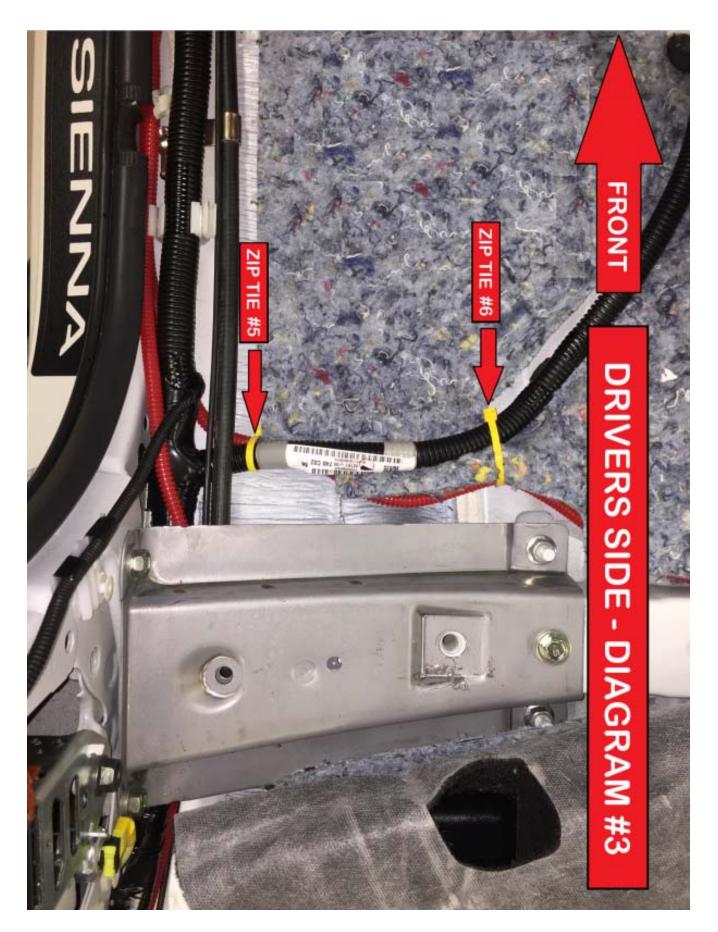
- a) Power back door (if equipped)
- b) Radio Stations
- c)

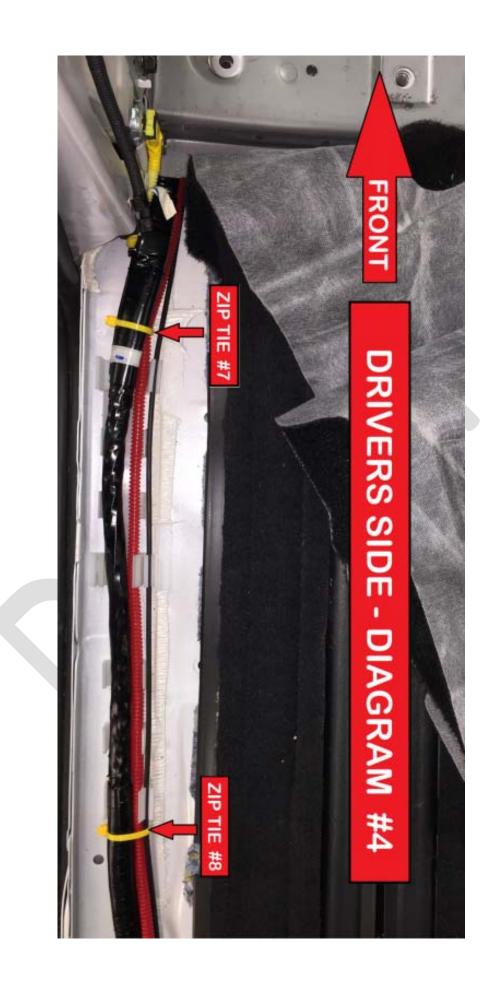


XIII. SUB-HARNESS LAYOUT PHOTOS

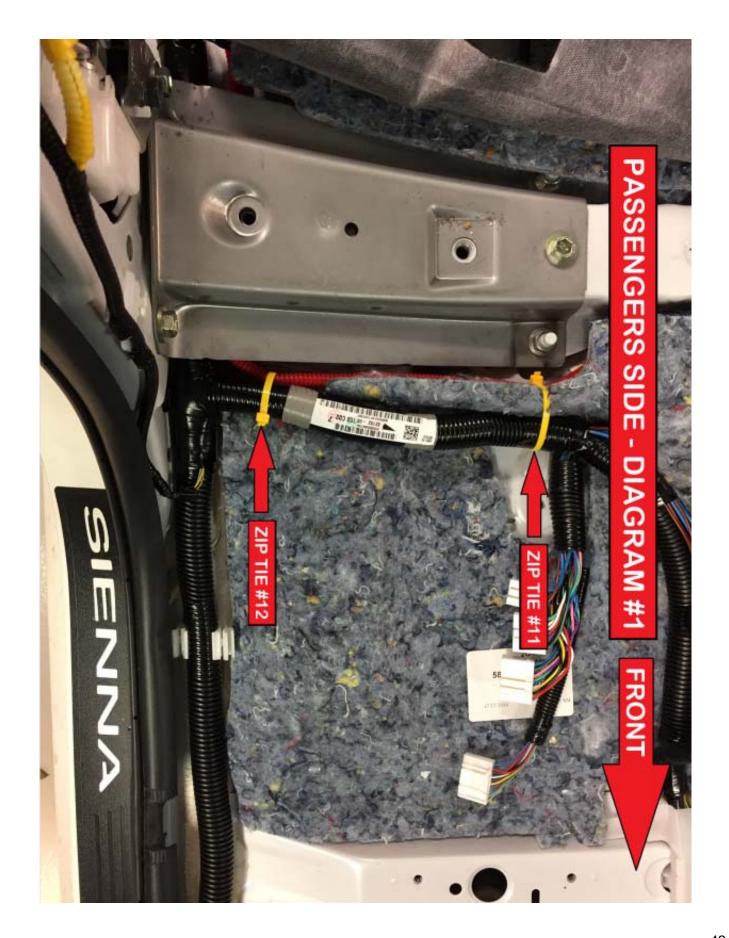
















▼ VERIFY REPAIR QUALITY ▶

Insert final confirmation points here

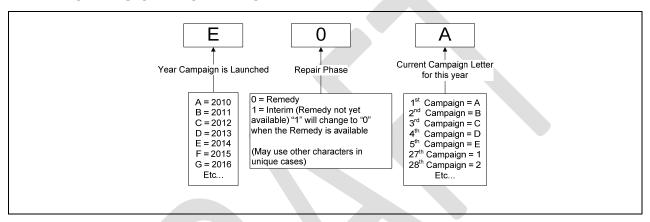
If you have any questions regarding this update, please contact your regional area representative.

XIV. APPENDIX

A. PARTS DISPOSAL

As required by Federal Regulations, please make sure all recalled parts (original parts) removed from the vehicle are disposed of in a manner in which they will not be reused, **unless requested for parts recovery return**.

B. CAMPAIGN DESIGNATION DECODER



Examples: A0D = Launched in 2010, Remedy Phase, 4th Campaign Launched in 2010 B1E = Launched in 2011, Interim Phase, 5th Campaign Launched in 2011 C1C = Launched in 2012, Interim Phase, 3rd Campaign Launched in 2012