



Southeast Toyota Distributors, LLC
Accessory Installation Instructions

2024 PRIUS SmartLED Ambient Lighting

Year & Model:	2024 Prius
Part Number:	00016 - 12K08
Accessory Code:	LS1000
PIO / DIO:	PIO & DIO
Business Partner:	J85

Conflicts

None

General Applicability

Fits Models:	
1.	2024 Prius
2.	
3.	

Additional Items Required For Installation

Item#	Description:
1.	N/A

Sequence of Application

Item#	Accessory:
1.	N/A
<p><u>SPECIAL NOTE: Installation Sequences</u> After TMS & Safety mandated preparatory steps have been taken, the installation sequence is the suggested method for completing the accessory installation. In some instances the suggested sequence is written for one associate to install & in others the sequence is given as part of a team accessory installation. Unless otherwise stated in the document, the associates may perform the installation steps in any order to make the installation as efficient as possible while maintaining consistent quality.</p>	

Recommended Tools

Safety Items	
Safety Glasses	Safety Gloves
Special Tools	
N/A	
Installation Tools	
Philips Screwdriver #1 & #2	Plastic Pry Tool
Torque Wrench	8mm Drill Bit
Protective Tape	Moulding Remover
8, 10 mm Socket	
Special Chemicals	
N/A	

Legend

	STOP: Damage to the vehicle may occur. Do not proceed until process has been complied with.
	OPERATOR SAFETY: Use caution to avoid risk of injury.
	CAUTION: A process that must be carefully observed in order to reduce the risk of damage to the accessory/vehicle and to ensure a quality installation.
	TOOLS & EQUIPMENT: Used in figures calls out the specific tools and equipment recommended for this process.
	REVISION MARK: This mark highlights a change in Installation with respect to previous issue.
	SAFETY TORQUE: This mark indicates that torque is related to safety.
	REGULATORY MARK: This mark indicates that the component is related to regulatory compliance.
	CRITICAL SYMBOL: This image indicates critical to fit form or function.
	VIDEO: This image indicates a video in the installation procedure, PIO Only.

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Kit/Hardware Bag Contents:

Item #	Description
1	ECU Module
2	Power Harness
3	39" Fiber Optics Cable
4	Bezel
5	Output Lens
6	6" Zip Tie
7	14" Zip Tie
8	Customer Card

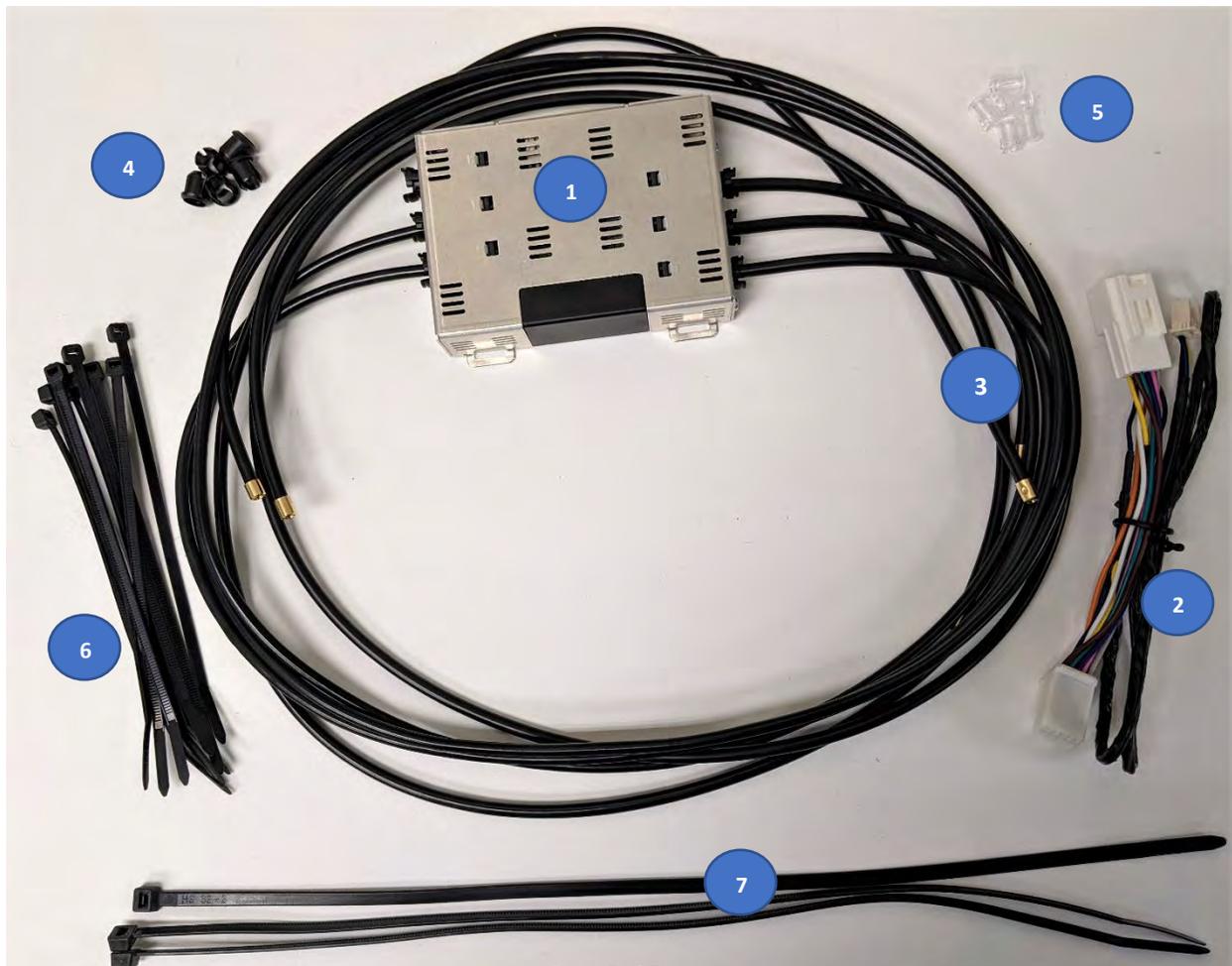
Parts for Installation:

Care must be taken when installing this accessory to ensure damage does not occur to the vehicle. The installation of this accessory should follow approved guidelines to ensure a quality installation. These guidelines can be found in the "Accessory Installation Practices" document.

This document covers such items as:

- Vehicle Protection (use of covers and blankets, cleaning chemicals, etc.).
- Safety (eye protection, re-checking torque procedure, etc.).
- Vehicle Disassembly/ Reassembly (panel removal, part storage, etc.).
- Electrical Component Disassembly/Reassembly (battery disconnection, connector removal, etc.).

Item #	Quantity	Description
1.	1	ECU Module
2.	1	Power Harness
3.	5	ty 4 - 39", ty. 1 24" Fiber Optic Cables
4.	5	Bezels
5.	5	Output Lens
6.	10	6" Zip Tie
7.	3	14" Zip Tie



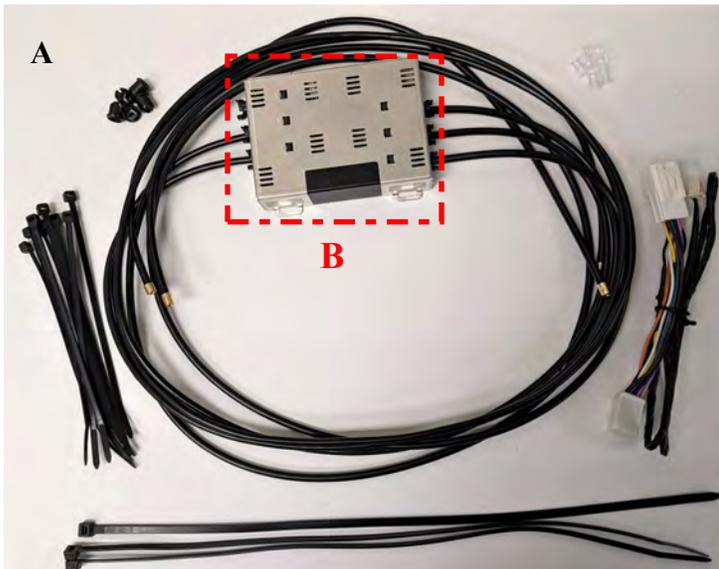
Service & Warranty Information

Image Key	Parts Information		Warranty Information	
	Part Number	Description	Warranty Time	Labor Op. Code
A	00016-12K08	Smart LED Ambient Lighting Kit	1.0 hr.	AMB011
B	00016-ECU01	ECU Module	1.0 hr.	AMB021
C	00016-FBRKT-01	1 pc 39" Fiber, 1pc 24" Fiber 3 Lenses, 3 Bezels	1.0 hr.	AMB031

Labor times include consideration for diagnosis and Administration time.

If you are a dealer located outside of the Southeast Region, please contact the SET Accessory Warranty Department at (888) 851-2722 or email Accessory.Warranty@SETToyota.com for claim payment instructions.

Parts:



B– Smart LED, & Ambient Lighting Module



C- 1 pc 39" Fiber, 1pc 24" Fiber, 3 Lenses, 3 Bezels



Figure 1

1. SECURE VEHICLE

Fully apply the parking brake. (Figure 2)

+ **CAUTION:**

Make sure to apply the parking brake before performing this procedure.

If the vehicle is not secure and the shift lever is moved to N, the vehicle may suddenly move, possibly resulting in an accident or serious injury.

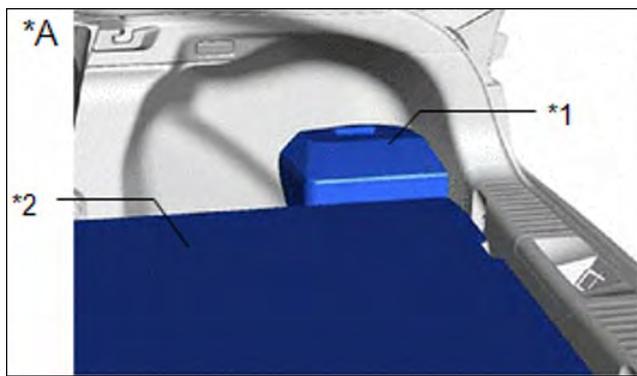


Figure 2a

2a. REMOVE DECK BOARD ASSEMBLY

- (a) Illustrations are examples and the actual details may differ. Check the specification of the deck board assembly shown in Figures 2a and 2b.
- (b) Turn back the deck board assembly, as shown in Figure 2c.
- (c) Pull the handle to disengage the 3 clips and 2 claws and remove the battery service hole cover assembly, as shown in Figure 2d.

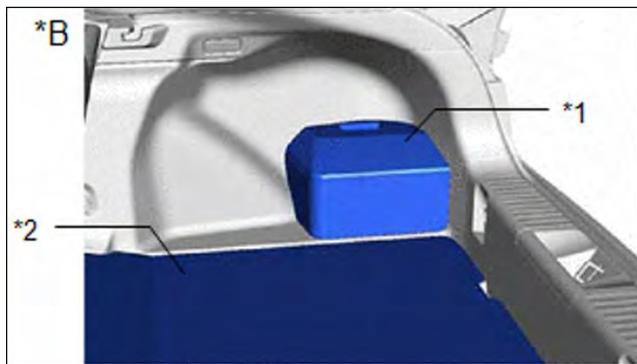


Figure 2b

*A	Type A
*B	Except Type A
*1	Battery Service Hole Cover Assembly
*2	Deck Board Assembly

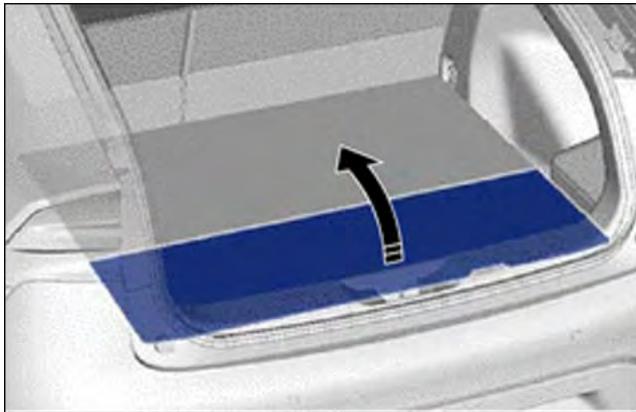


Figure 2c

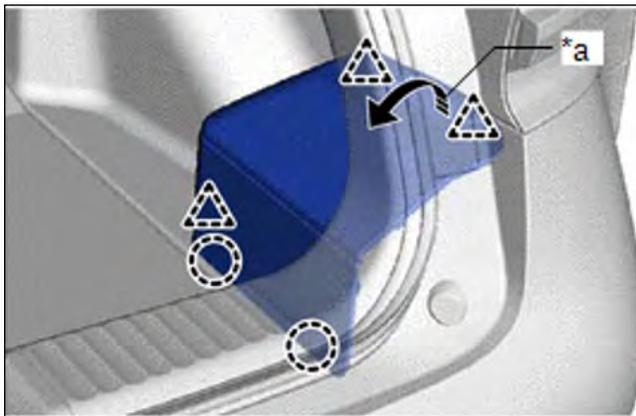


Figure 2d

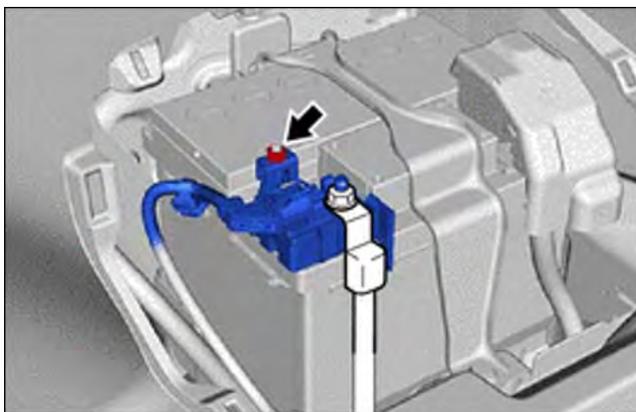


Figure 2e

2b. DISCONNECT CABLE FROM NEGATIVE AUXILIARY BATTERY TERMINAL

 10mm Socket and Drive

- (a) Loosen the nut and disconnect the cable from the negative (-) battery terminal, as shown in Figure 2e.

3. REMOVE FRONT DOOR SCUFF PLATE LH

- (a) Disengage the 2 guides and 11 claws to remove the front door scuff plate LH, as shown in Figure 3.

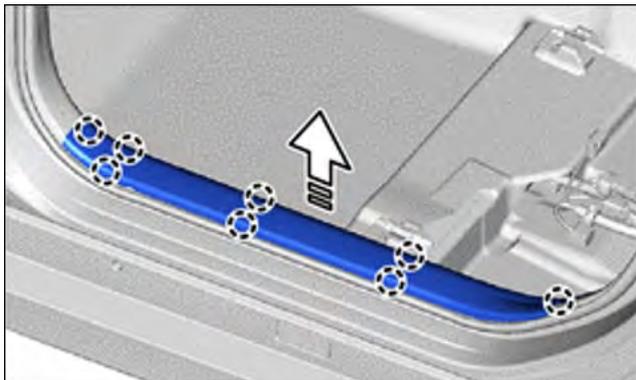
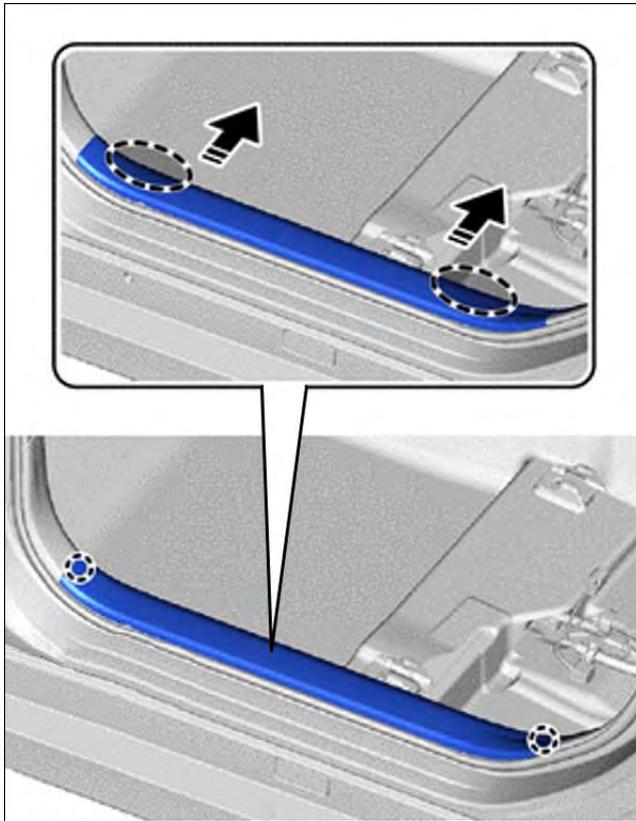


Figure 3

	Place hand here
	Remove in this direction (1)
	Remove in this direction (2)

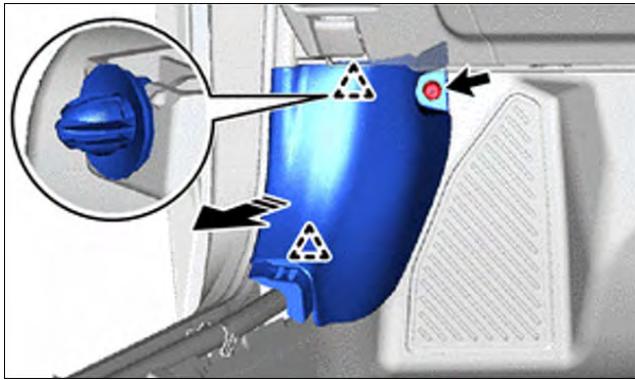
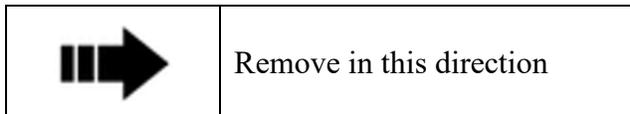


Figure 4



4. REMOVE COWL SIDE TRIM BOARD LH

 12mm Socket and Drive

- (a) Remove the cap nut, as shown in Figure 4.
- (b) Disengage the claw and clip and remove the cowl side trim board LH with the clip, as shown in Figure 4.

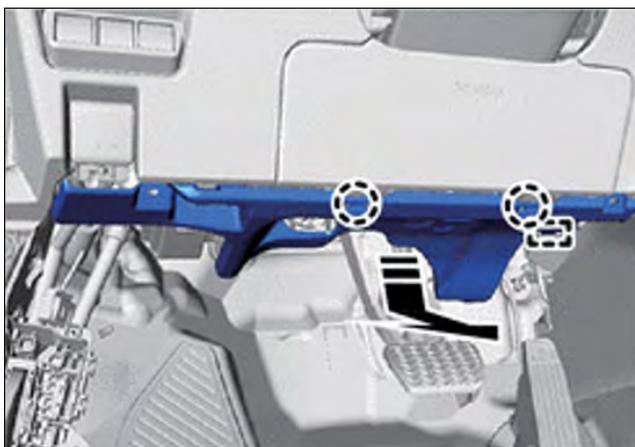
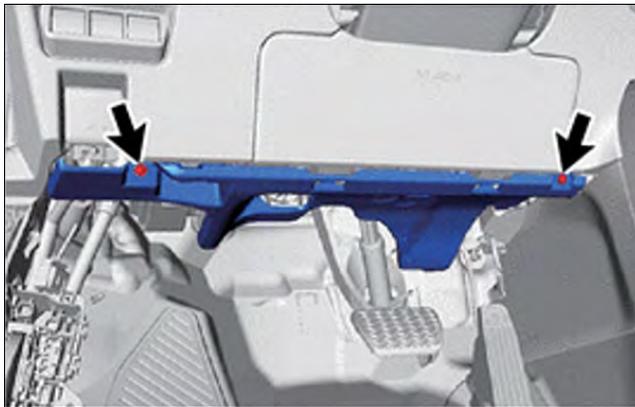


Figure 5

5. REMOVE NO. 1 INSTRUMENT PANEL UNDER COVER SUB-ASSEMBLY

 Screwdriver

- (a) Remove the two screws, as shown in Figure 5.
- (b) Disengage the 2 claws to remove the panel, as shown in Figure 5.
- (c) With illumination, disconnect the guide and 2 claws, and disconnect the connector, as shown in Figure 6.

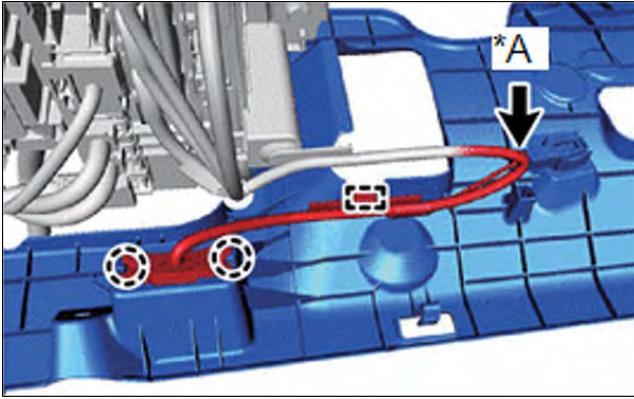


Figure 6

*A	w/Illumination
	Remove in this direction

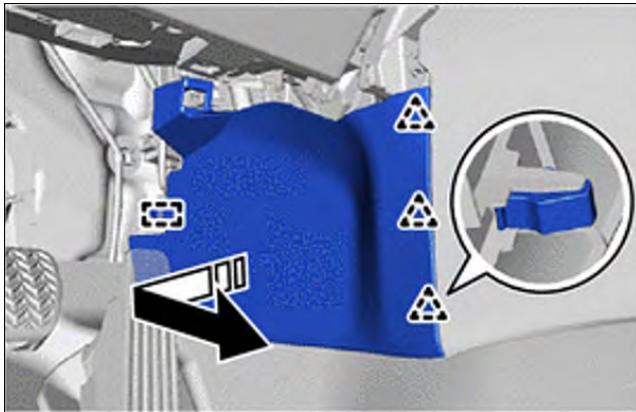
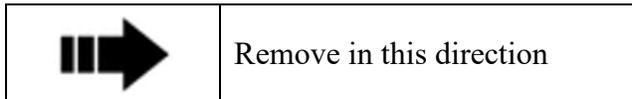


Figure 7



6. REMOVE FRONT NO. 1 CONSOLE BOX INSERT

- (a) Disengage the 3 claws and 1 guide to remove the console box insert, as shown in Figure 7.

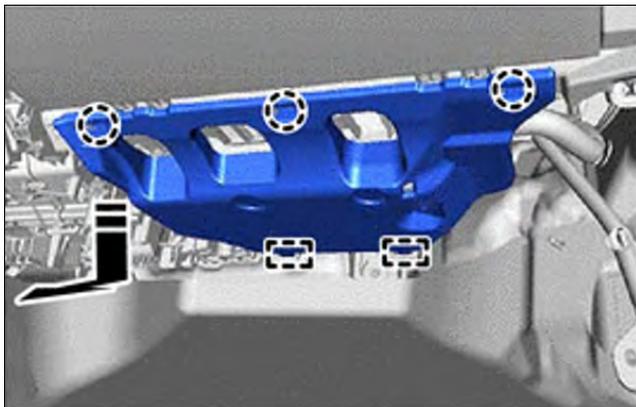


Figure 8

7. REMOVE NO. 2 INSTRUMENT PANEL UNDER COVER SUB-ASSEMBLY

- (a) Disengage the 3 claws and two guide to remove the instrument panel under cover sub-assembly, as shown in Figure 8.
- (b) With illumination, remove the connector, as shown in Figure 9.

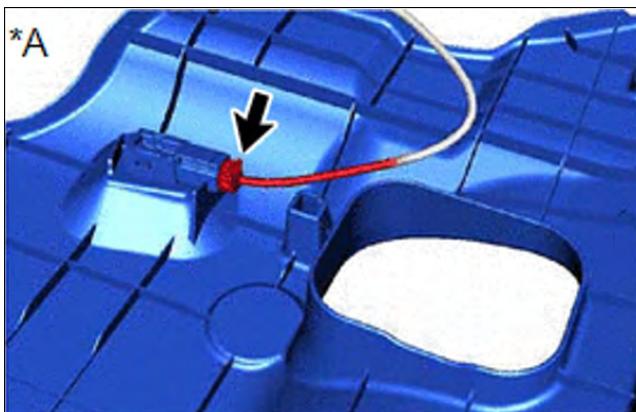
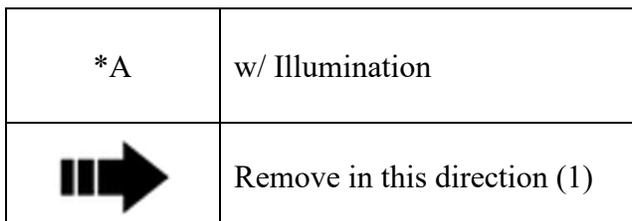


Figure 9



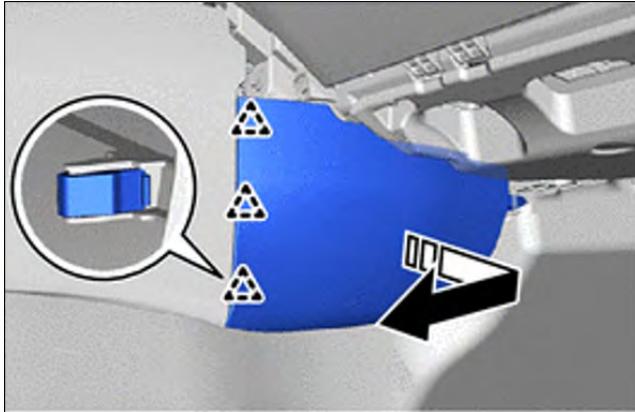
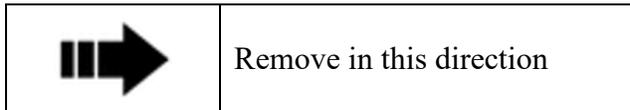


Figure 10



8. REMOVE FRONT NO. 2 CONSOLE BOX INSERT



Moulding Remover

- (a) Disengage the 3 clips and remove the front no.2 console box insert, as shown in Figure 10.

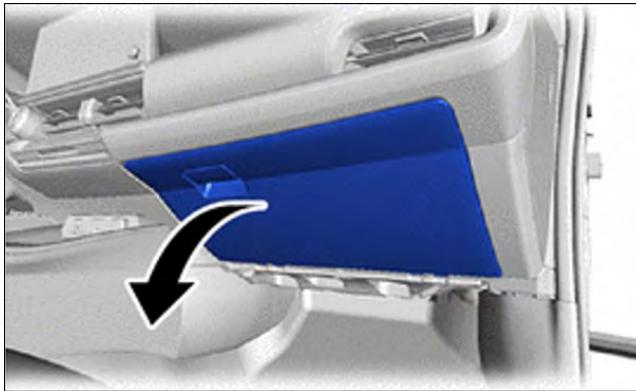


Figure 11

9. REMOVE LOWER CENTER INSTRUMENT PANEL FINISH PANEL

- (a) Open the glovebox, as shown in Figure 11.
- (b) Without knee airbag, detach 11 clips and remove the lower center instrument panel finish panel, as shown in Figure 12.
- (c) With knee airbag, also disengage the clip and remove the lower center instrument panel finish panel, as shown in Figure 13.

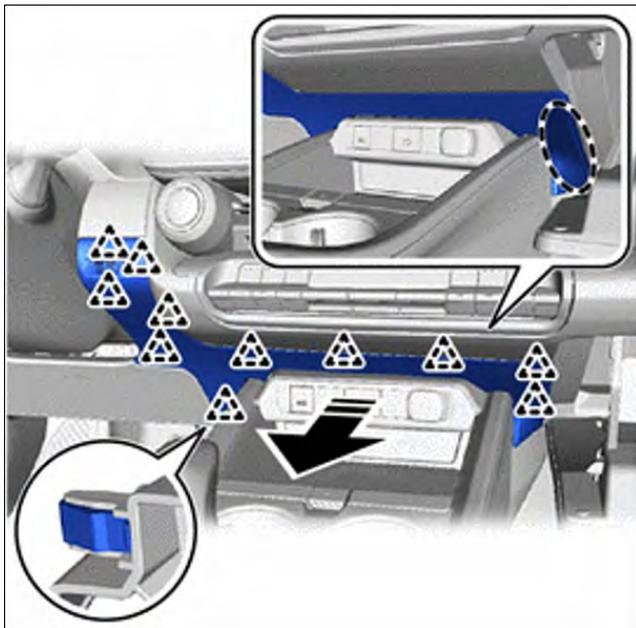


Figure 12

	<p>Place hand here</p>
	<p>Remove in this direction</p>

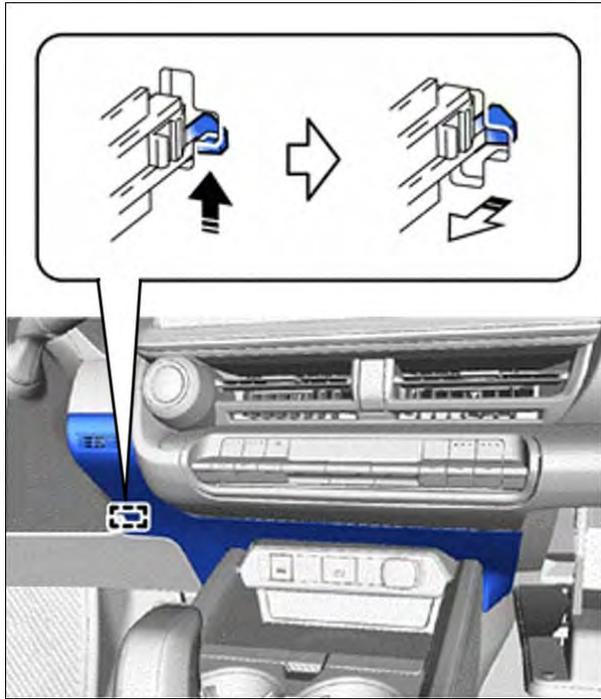
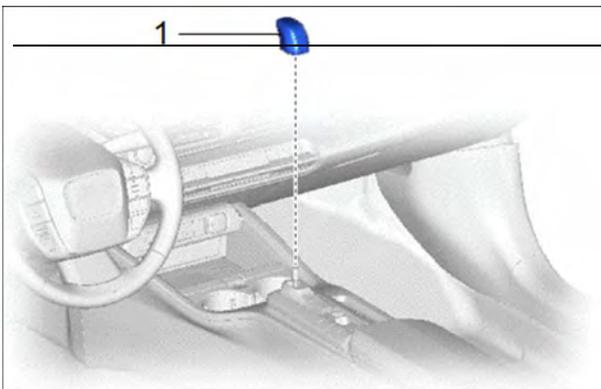


Figure 13

	Remove in this direction (1)
	Remove in this direction (2)



Figure

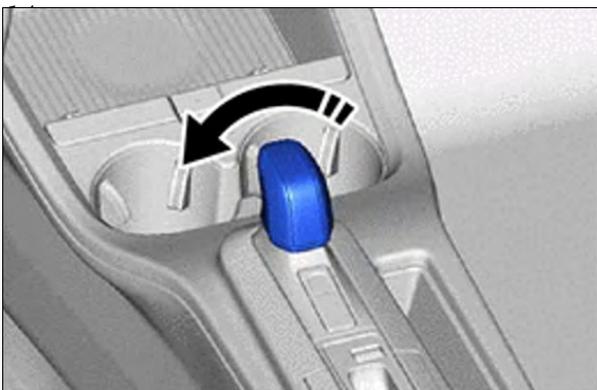


Figure 15

10. REMOVE SHIFT LEVER KNOB SUB-ASSEMBLY

- (a) Turn the shift lever knob sub-assembly counter-clockwise to unscrew it and remove it, as shown in Figures 14 and 15.

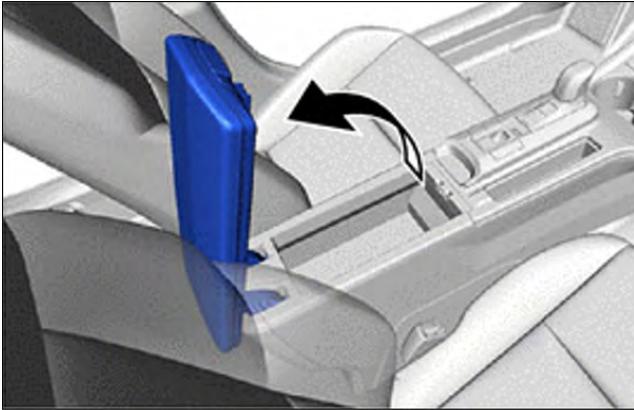


Figure 16

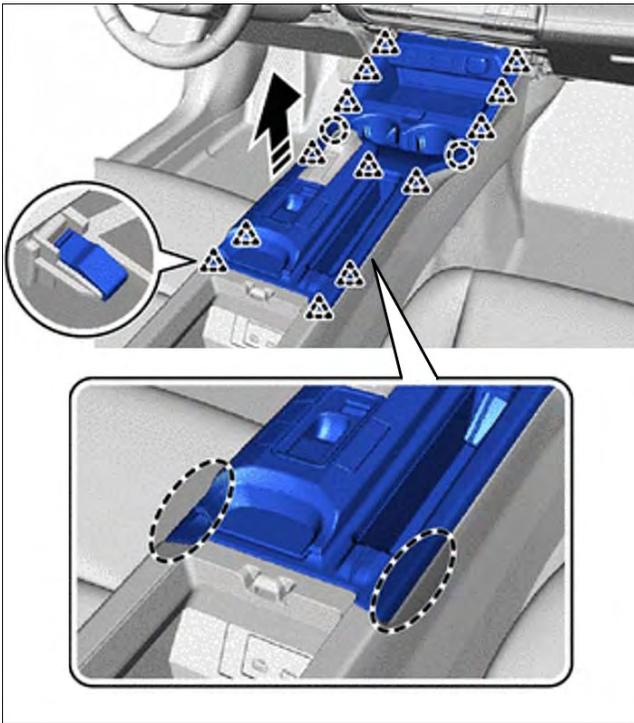


Figure 17

11. REMOVE UPPER CONSOLE PANEL SUB-ASSEMBLY

- (a) Open the upper console panel, as shown in Figure 16.
- (b) Disengage the 13 clips and pull up the upper console panel sub-assembly, as shown in Figure 17.
- (c) With wireless charger, disconnect the connectors, as shown in Figure 18.

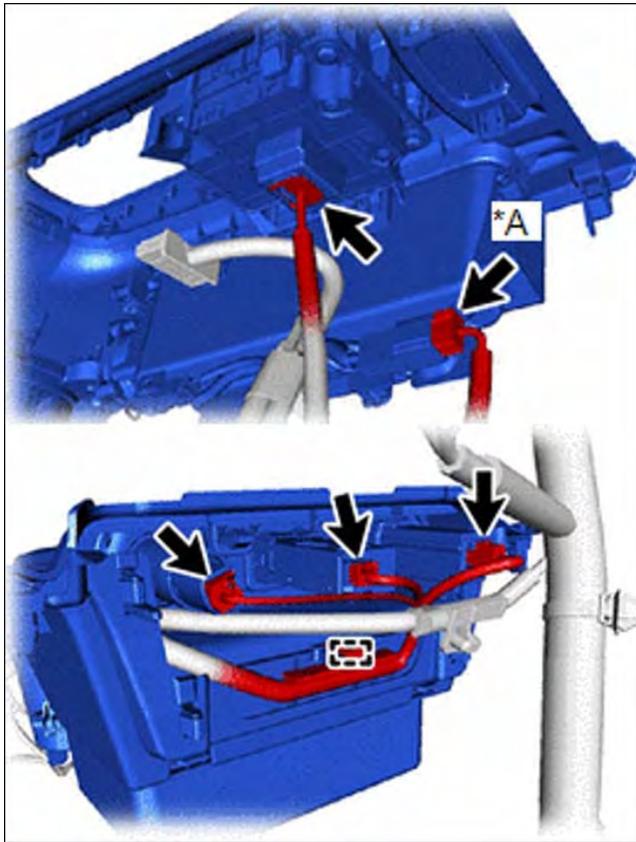


Figure 18

*A	w/ wireless charger
	Place Hand Here
	Remove in this direction

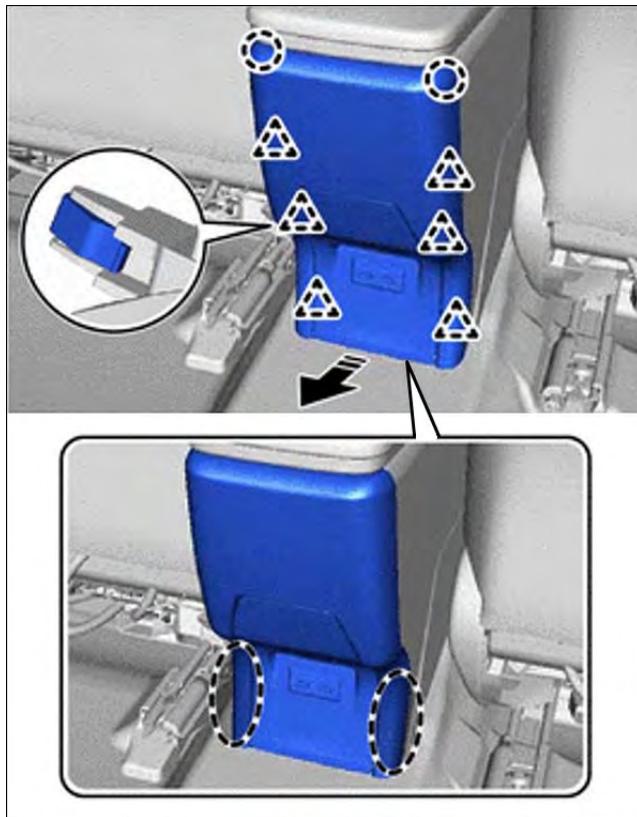


Figure 19

12. REMOVE CONSOLE REAR END PANEL SUB-ASSEMBLY

- (a) Disengage the 6 clips and remove the console box hole cover, as shown in Figure 19.
- (b) With seat heater system, remove the connectors, as shown in Figure 20.

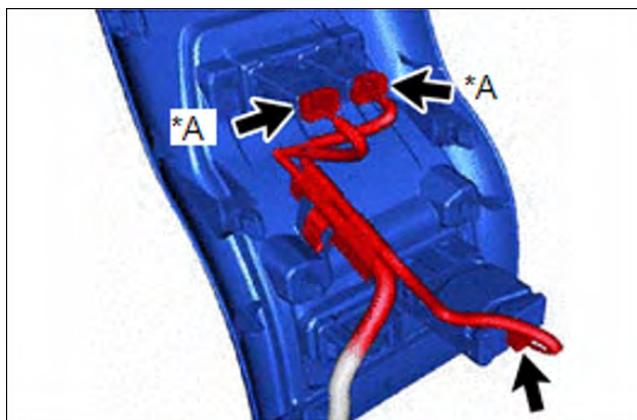


Figure 20

*A	w/ Seat Heater System
	Place hand here
	Remove in this direction



Figure 21

13. HOLE DRILLING INSTRUCTIONS

 8mm drill bit

 Drill 8mm holes, as shown in Figure 21.

 Be sure to drill at a 90-degree angle to produce an even round hole, as shown in Figure 21.



NOTICE:
Disassembly instructions are provided at the end of this manual.



Figure 22

14. DRIVER SIDE PANEL HOLE DRILLING

 8mm drill bit

(a) Drill a hole using the template at the end of this manual, as shown in Figures 22 and 23.



NOTICE:
DIO use the template at the end of this manual.



Figure 23

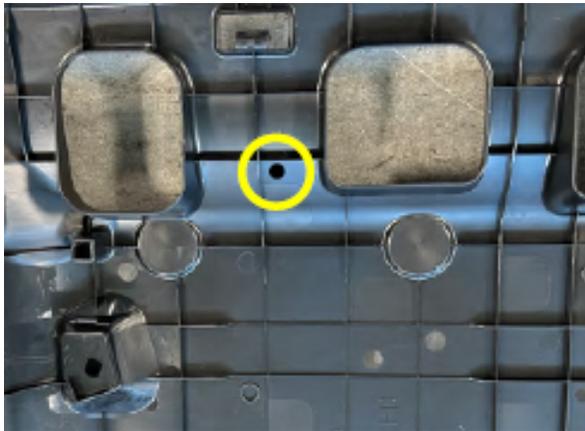


Figure 24



Figure 25

15. PASSENGER SIDE PANEL HOLE DRILLING

 8mm drill bit

- (a) Drill a hole in the location shown in Figures 24 and 25.



Figure 26

16. CENTER CONSOLE HOLE DRILLING

 8mm drill bit

(a) Drill the hole, as shown in Figures 26, 27, and 28.



Figure 27



Figure 28



Figure 29

17. REAR END PANEL SUB-ASSEMBLY HOLE DRILLING

 8mm drill bit

- (a) Drill two holes using the template at the end of this manual, as shown in Figures 29 and 30.

 **NOTICE:**

DIO use the template at the end of this manual.



Figure 30

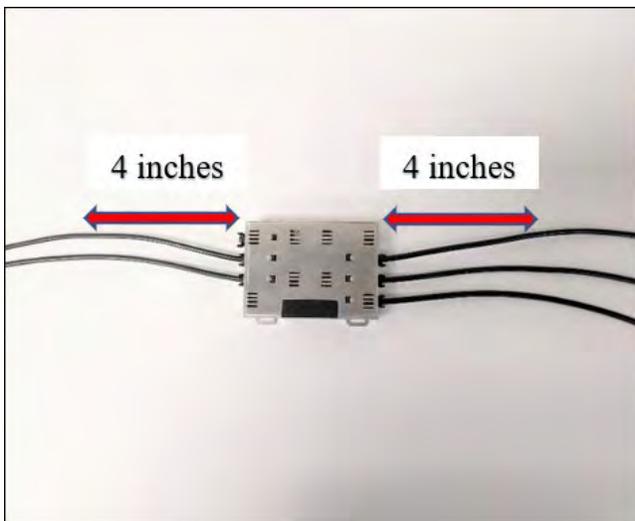


Figure 31



Figure 32

18. INSTALL THE ECU MODULE AND ROUTE THE FIBER OPTIC CABLES



Do not bend the fiber optic cables closer than 4 inches from the ECU, as shown in Figure 31.

Do gently bend the fiber optic cables, as shown in Figure 32.



Do not over bend the fiber optic cables, and do not over tighten cables with a zip tie, as shown in Figure 33.

- (a) Install the ECU Module, orienting the ECU module so that the side with three fiber optic cables is facing the rear of the vehicle, and the side with two cables is facing the front.
- (b) Route the fiber optic cables, as shown in Figure 34.
- (c) Leave enough slack to insert the fiber optics into the removed panels, and secure the remainder of the fiber optic cables using supplied zip ties.



NOTICE:

Do not over tighten the fiber optic cables with the zip ties.



Figure 33

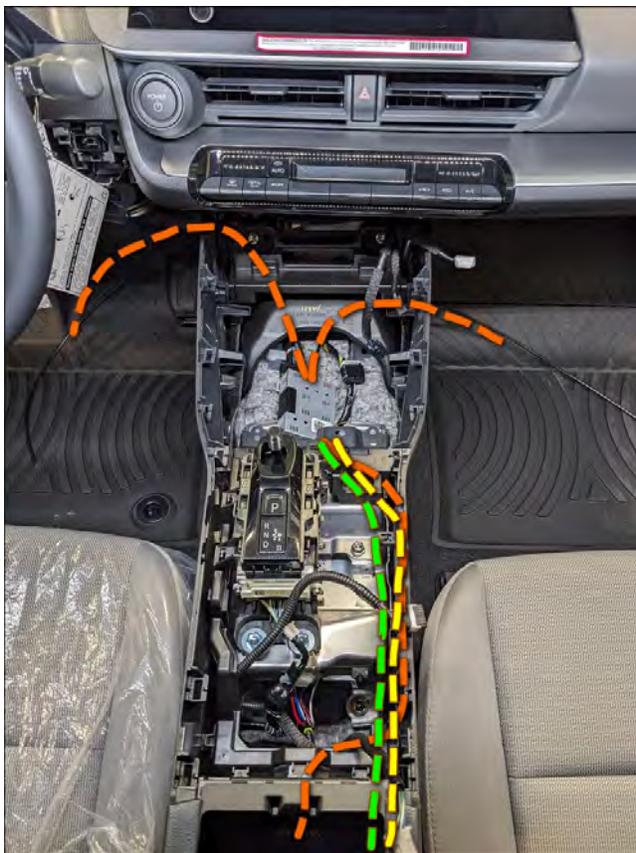


Figure 34

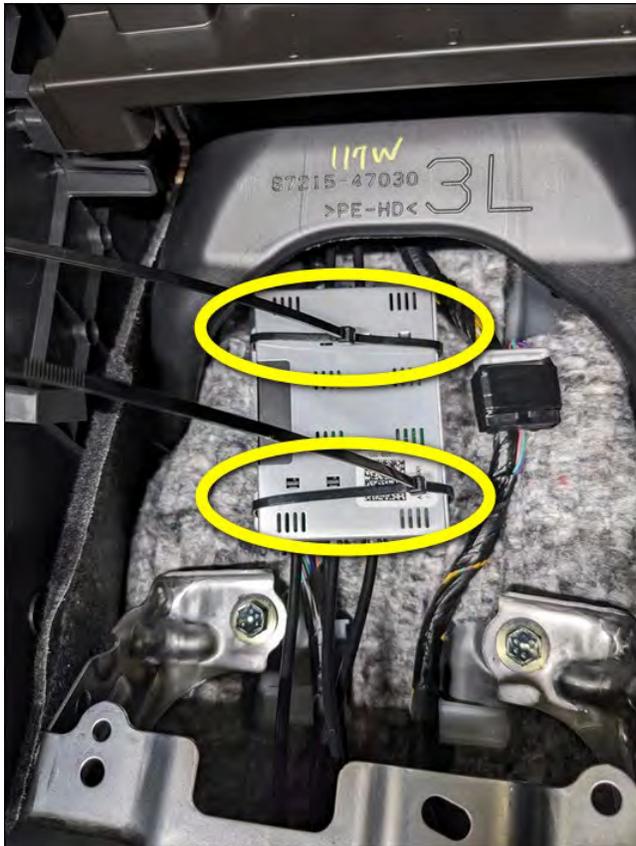


Figure 35

19. SECURE THE ECU MODULE

- (a) Secure the ECU Module with 2 wire ties to the wire bundle beneath, as shown in Figures 35.
- (b) Use 14" zip ties and mounting tabs on the ECU module.



Make sure to install the ECU Module away from any metal brackets, so it cannot come in contact with any metal brackets to avoid a rattle, as indicated by the red circles in Figure 36.

- (c) Secure the three fiber optic cables going to the rear of the vehicle with a wire tie, as shown in Figure 36.



Figure 36



Figure 37



Figure 38

20. MAKE THE HARNESS CONNECTION



Determine if the vehicle has a Wireless Charger and follow the appropriate instructions below.

Without a Wireless Charger:

- (a) Locate the unused power connector in the vehicle and unwrap it.
- (b) Connect the harness to this connector, as shown in Figure 37 (yellow circle).
- (c) Isolate the unused connector on the harness (green circle in Figure 37), and wrap the connector, as shown in Figure 38.
- (d) Use a zip tie to secure the harness to the wire bundle in the vehicle, as shown in Figure 39 (yellow circle).

With a Wireless Charger:

- (a) Connect the harness at the Wireless Charger module, as shown in Figure 39 (green arrows).
- (b) Use a zip tie to secure the harness to the wire bundle in the vehicle, as shown in Figure 39 (yellow circle).

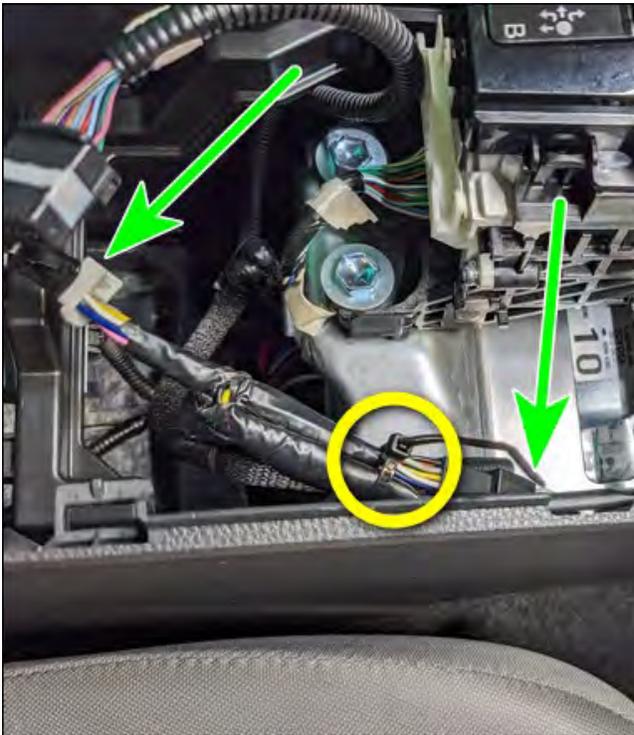


Figure 39



Figure 40

21. ROUTE THE FIBER OPTIC CABLES

- (a) Route one fiber optic cable to the front driver side footwell, as shown in Figures 40 and 41.
- (b) Route one fiber optic cable to the front passenger side footwell, as shown in Figures 40 and 42.
- (c) Route three fiber optic cables toward the rear. You will need to push the side panel from the inside, as shown in Figure 43, to allow the fiber optic cables to pass through without any obstructions.
- (d) Route the three fiber optic cables to the rear, coming out at the rear console end panel sub assembly, as shown in Figure 44.



Figure 41



Figure 42

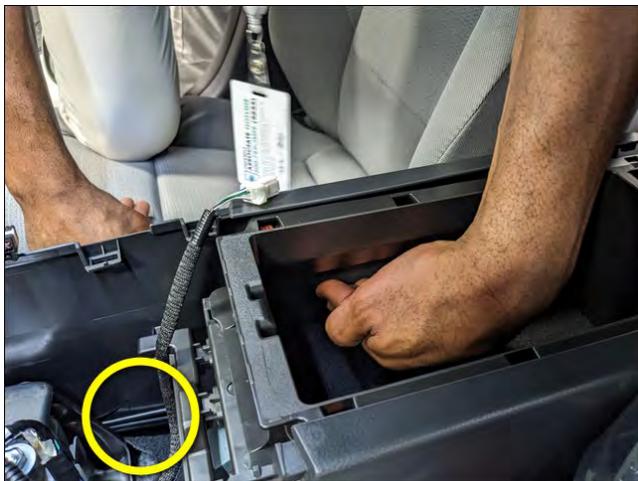


Figure 43



Figure 44



Figure 45

22. ROUTE A FIBER OPTIC CABLE TO DRIVER FOOTWELL

- (a) Route the fiber optic cable in the driver's footwell and secure it with a zip tie, as shown in Figures 45.



NOTICE:

Leave enough slack to be able to plug the fiber optics cable into the panel and safely remove the panel for serviceability.

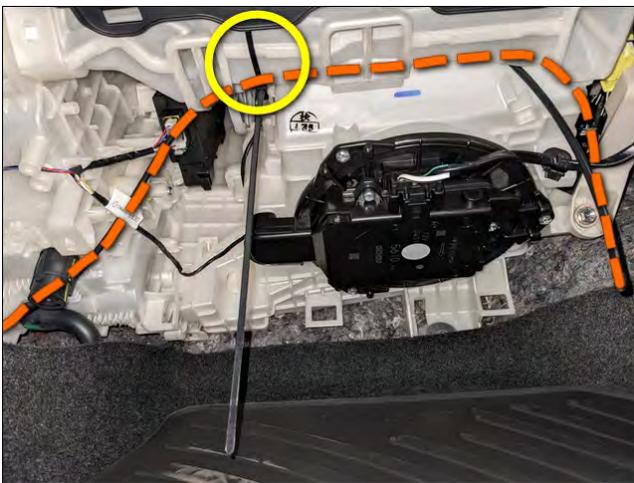


Figure 46

23. ROUTE A FIBER OPTIC CABLE TO PASSENGER FOOTWELL

- (a) Route the fiber optic cable in the passenger's footwell, routing it behind the factory harness and behind the fan, as shown in Figure 46.
- (b) Secure the fiber optic cable with a wire tie, as shown in Figure 46.



NOTICE:

Leave enough slack to be able to plug the fiber optics cable into the panel and safely remove the panel for serviceability.



Figure 47

24. VERIFY FIBER OPTIC CABLES

1. Verify all 5 fiber optic cables are installed and routed as shown in Figures 47, 48, 49, and 50.
2. Verify all fiber optic cables are secured.
3. Verify fiber optic cables are not over bent.
4. Verify that enough slack is left for panels to be safely removed for serviceability.

If all the above items are verified you are now ready to install the bezels and lenses.



Figure 48

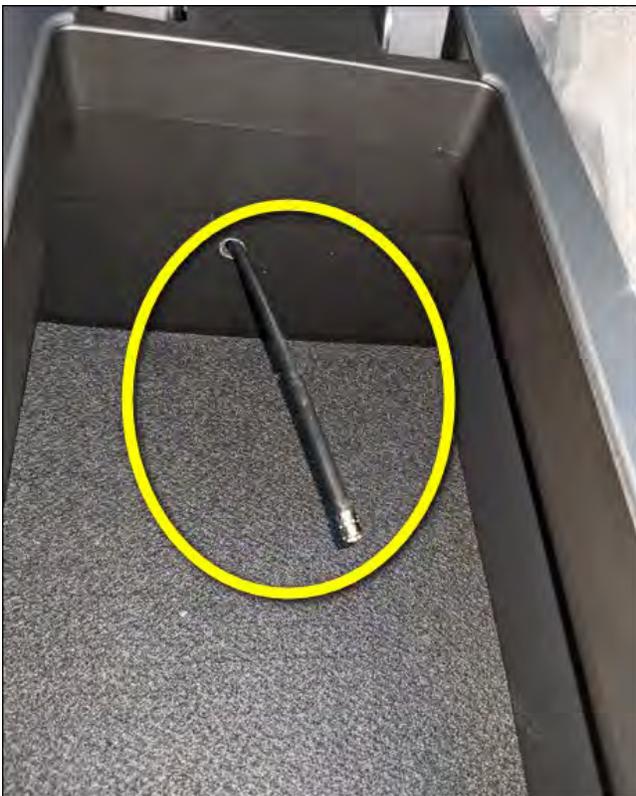


Figure 49



Figure 50



Figure 51

25. INSTALL BEZELS AND LENSES

- (a) Install a provided bezel into the hole that was drilled, as shown in Figure 51.
- (b) Route the fiber optic through the bezel, as shown in Figure 52.
- (c) Install a provided lens on the end of the fiber optic cable, as shown in Figure 53.
- (d) Push the fiber optic cable with the lens into the bezel, pushing in until it clicks into the bezel, as shown in Figure 54.



Do not damage the lens. Guide it directly into the bezel and do not bend the ends of the lens.

- (e) Repeat these steps for each fiber optic cable.



Figure 52



Figure 53



Figure 54

26. REINSTALL CONSOLE REAR END PANEL SUB-ASSEMBLY

- (a) With seat heater system, connect the connectors, as shown in Figure 55.
- (b) Engage the 6 clips and remove the console box hole cover, as shown in Figure 56.

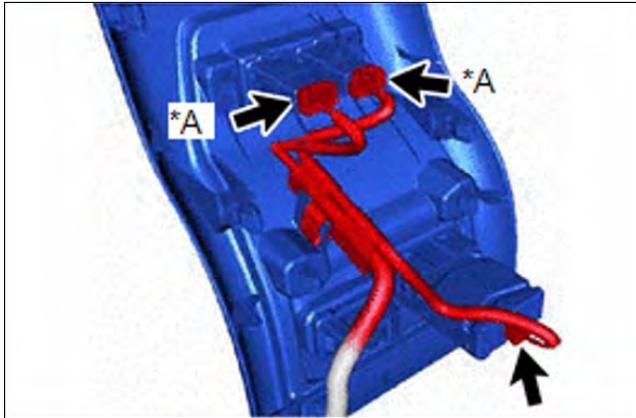


Figure 55

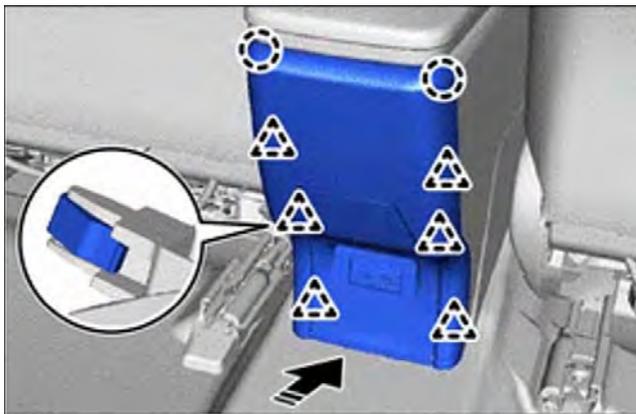


Figure 56

*A	w/ Seat Heater System
	Install in this direction

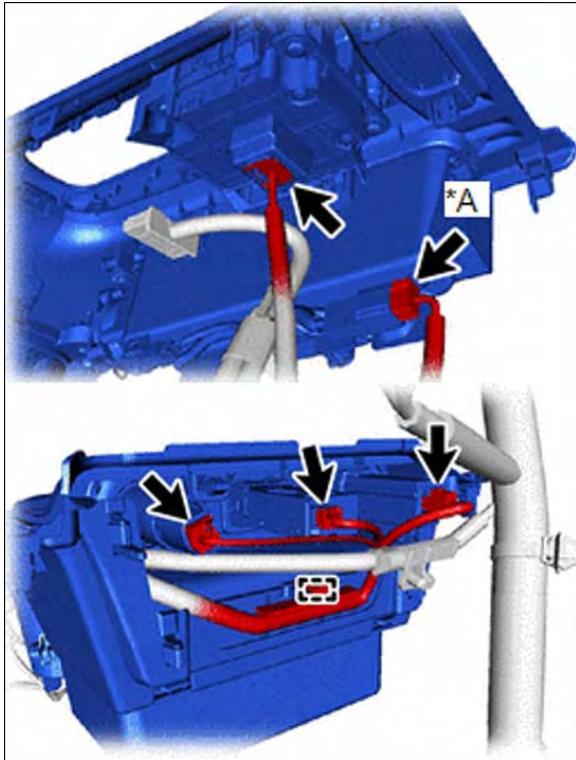


Figure 57

*A	w/ wireless charger
----	---------------------

27. REINSTALL UPPER CONSOLE PANEL SUB-ASSEMBLY

- (a) With wireless charger, connect the connectors, as shown in Figure 57.
- (b) Engage the 13 clips and install the upper console panel sub-assembly, as shown in Figure 58.
- (c) Close the upper console panel, as shown in Figure 59.

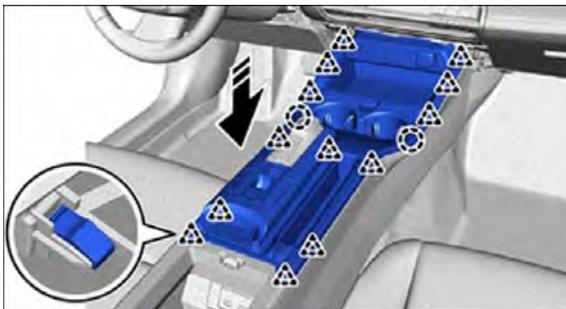


Figure 58

	Install in this direction
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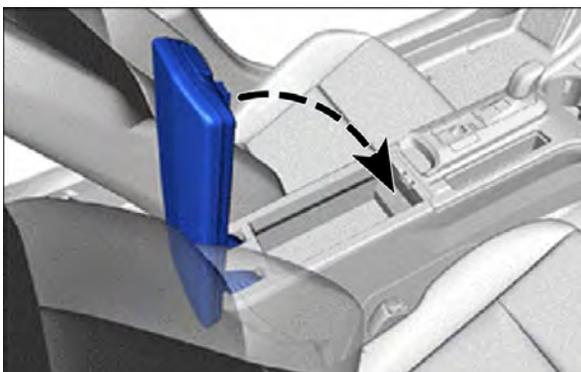


Figure 59

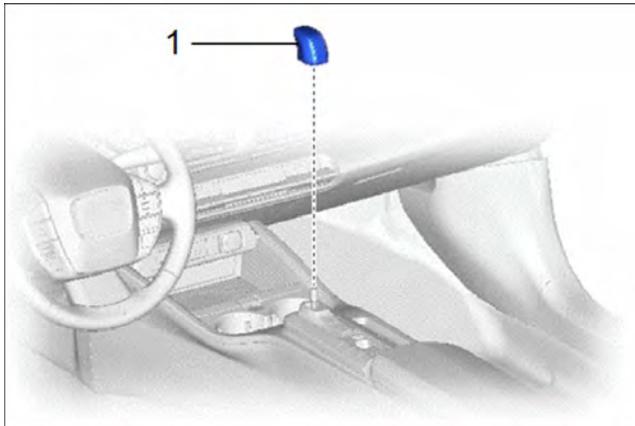


Figure 60

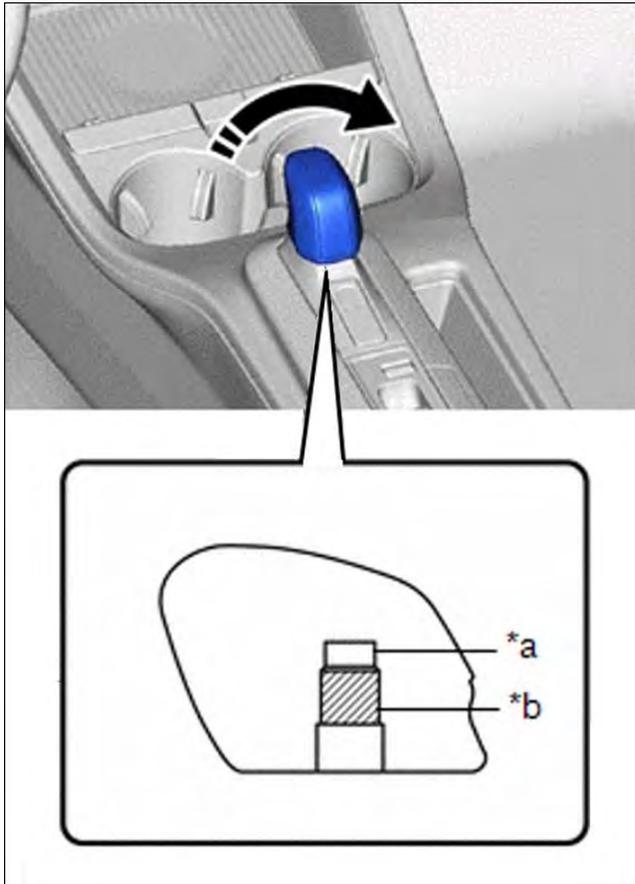


Figure 61

*a	Non-threaded Part
*b	Threaded Part

28. REINSTALL SHIFT LEVER KNOB SUB-ASSEMBLY

- (a) Turn the shift lever knob sub-assembly clockwise until it cannot be turned easily, as shown in Figure 60.



NOTICE:

The shift lever knob sub-assembly will become difficult to turn when the transmission floor shift assembly contacts the non-threaded part of the shift lever knob sub-assembly.

- (b) Turn the shift lever knob sub-assembly clockwise an additional 360° or more to install it, as shown in Figure 61.
- (c) Tighten the shift lever knob sub-assembly until it is aligned with the longitudinal direction of the vehicle, as shown in Figure 61.



NOTICE:

Make sure to only turn the shift lever knob sub-assembly clockwise when adjusting the installation position.

After installing the shift lever knob sub-assembly, move the shift lever to each shift position and confirm that the shift lever knob sub-assembly does not contact the position indicator housing.

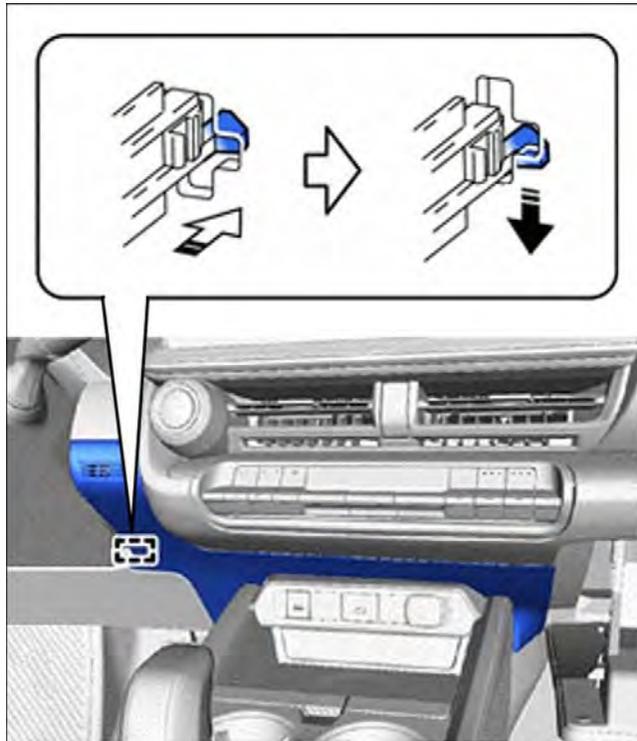


Figure 62

29. REINSTALL LOWER CENTER INSTRUMENT PANEL FINISH PANEL

- (a) With knee airbag, engage the clip and install the lower center instrument panel finish panel, as shown in Figure 62.
- (b) Attach 11 clips and install the lower center instrument panel finish panel, as shown in Figure 63.
- (c) Close the glovebox, as shown in Figure 64.

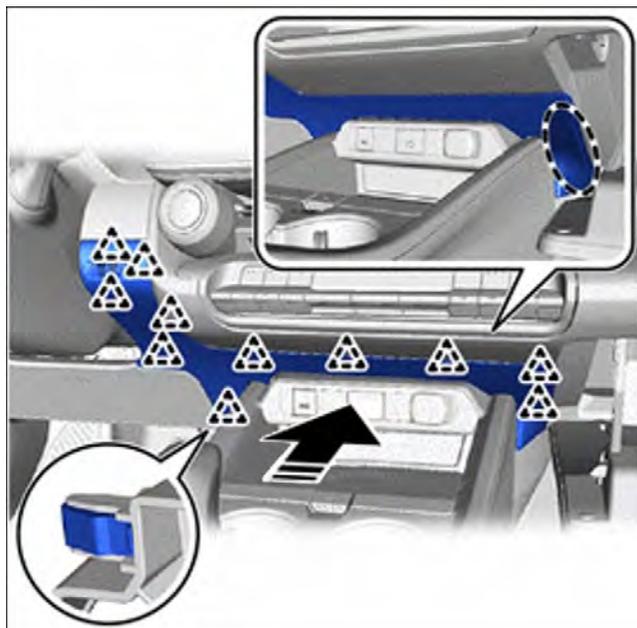


Figure 63

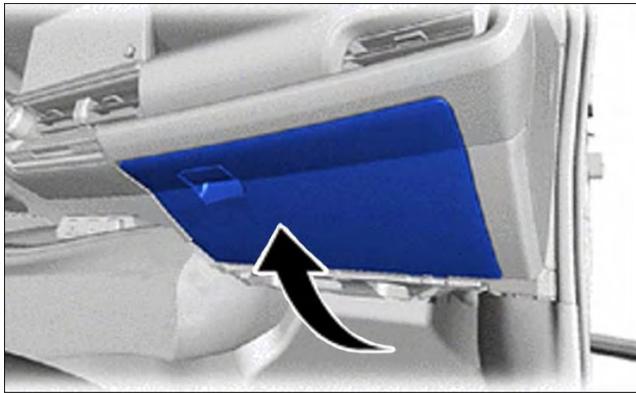


Figure 64

	<p>Place hand here</p>
	<p>Install in this direction</p>

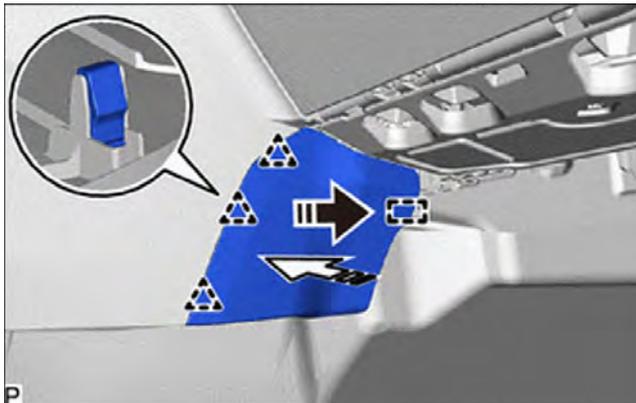


Figure 65

30. REINSTALL FRONT NO. 2 CONSOLE BOX INSERT

- (a) Engage the guide and 3 clips to install the front No. 2 console box insert, as shown in Figure 65.

	<p>Install in this direction (1)</p>
	<p>Install in this direction (2)</p>

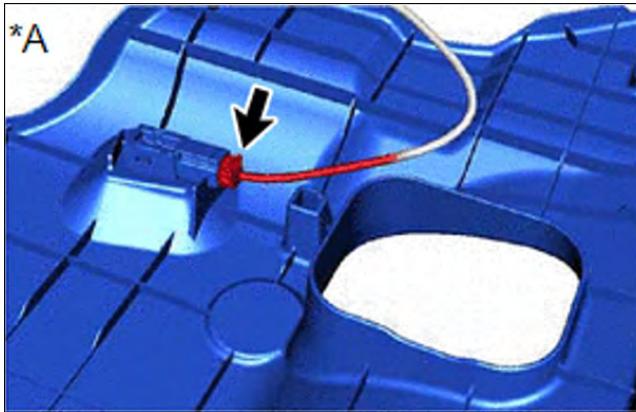


Figure 66

31. REINSTALL NO. 2 INSTRUMENT PANEL UNDER COVER SUB-ASSEMBLY

- (a) With illumination, connect the connector, as shown in Figure 66.
- (b) Engage the 2 guides, as shown in Figure 67.
- (c) Engage the 3 claws to install the No. 2 instrument panel under cover sub-assembly, as shown in Figure 68.

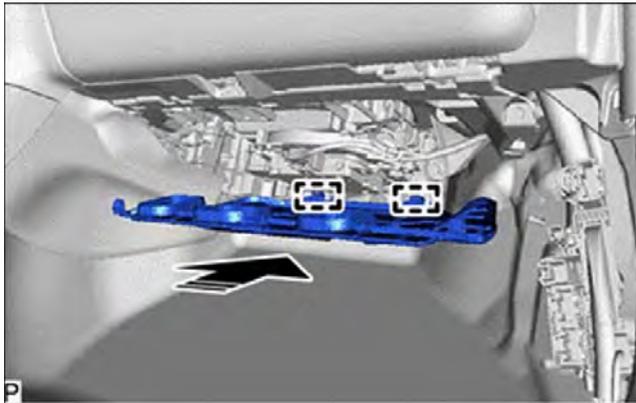


Figure 67

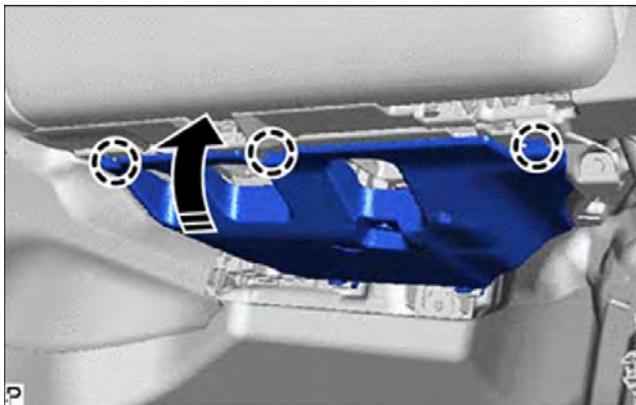


Figure 68

*A	w/ Illumination
	Install in this direction

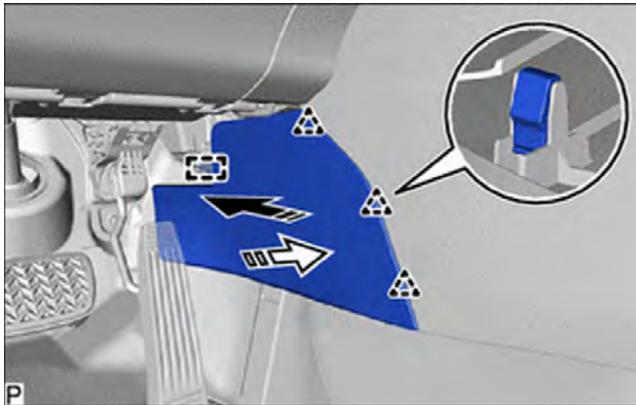


Figure 69

32. REINSTALL FRONT NO. 1 CONSOLE BOX INSERT

- (a) Engage the guide and 3 clips as shown in the illustration to install the front No. 1 console box insert, as shown in Figure 69.

	Install in this direction (1)
	Install in this direction (2)

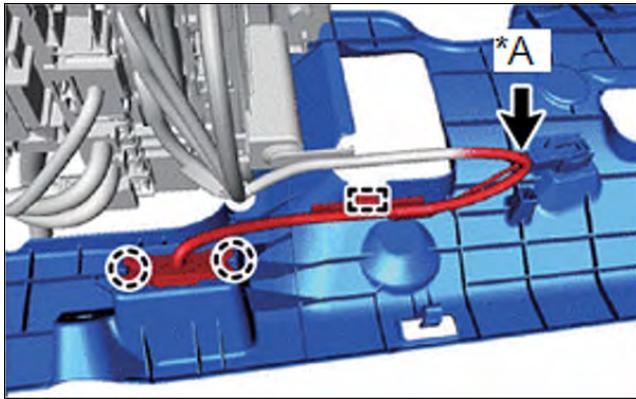


Figure 70

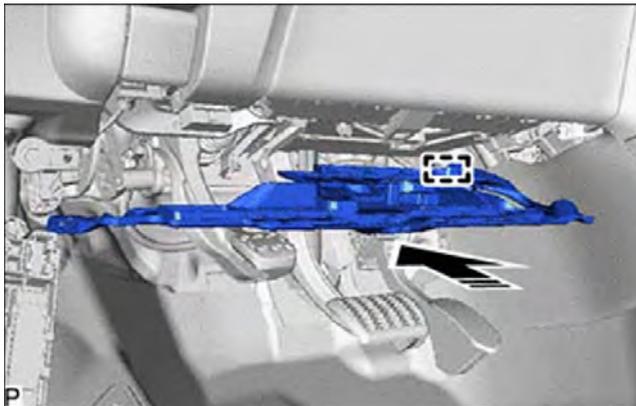


Figure 71

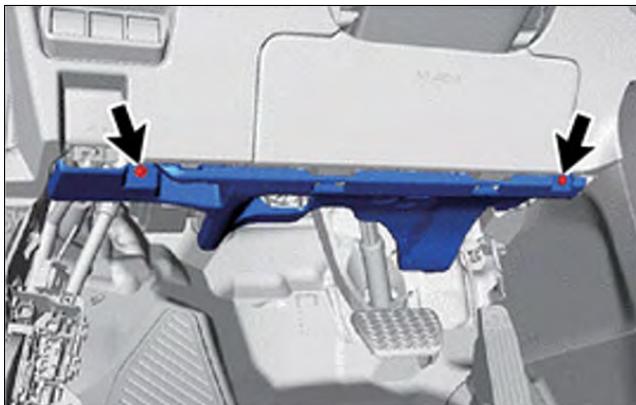
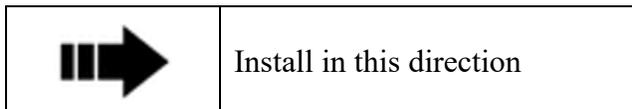


Figure 72

33. REINSTALL NO. 1 INSTRUMENT PANEL UNDER COVER SUB-ASSEMBLY

 Screwdriver

- (a) With illumination, connect the guide and 2 claws, and connect the connector, as shown in Figure 70.
- (b) Engage the guide, as shown in Figure 71.
- (c) Install the No. 1 instrument panel under cover sub-assembly with the 2 screws, as shown in Figure 72.



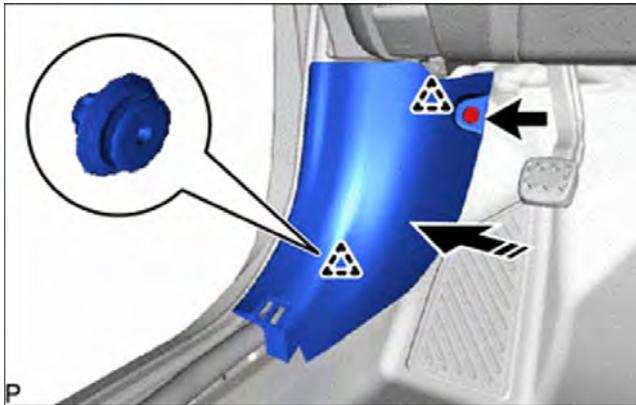
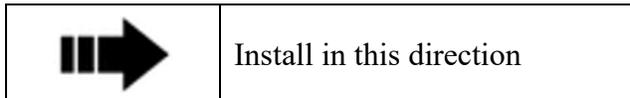


Figure 73



34. REINSTALL COWL SIDE TRIM BOARD LH

 Screwdriver

- (a) Engage the 2 clips, as shown in Figure 73.
- (b) Install the cap nut, as shown in Figure 73.

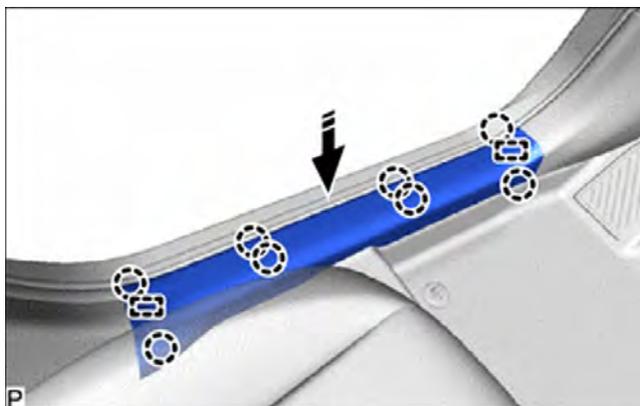
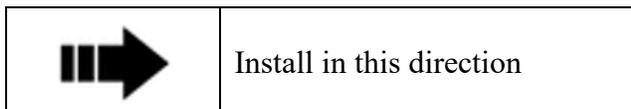


Figure 74



35. REINSTALL FRONT DOOR SCUFF PLATE LH

- (a) Engage the 2 guides and 8 claws to install the front door scuff plate LH, as shown in Figure 74.

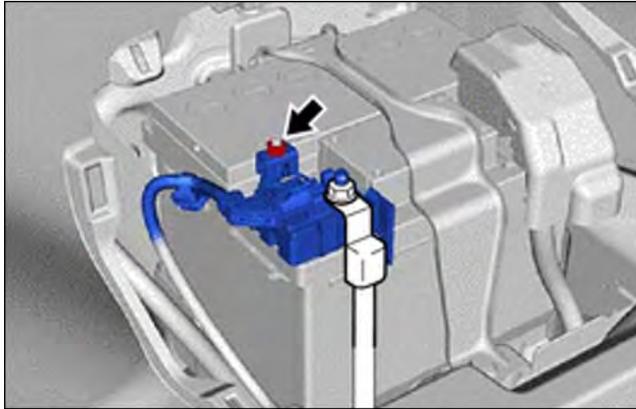


Figure 75a

36a. CONNECT CABLE FROM NEGATIVE AUXILIARY BATTERY TERMINAL

 10mm Socket and Drive

- (a) Connect the cable to the negative (-) battery terminal and torque the nut to 5.4 N m 55 kgf cm, 48 in lbf as shown in Figure 75a.

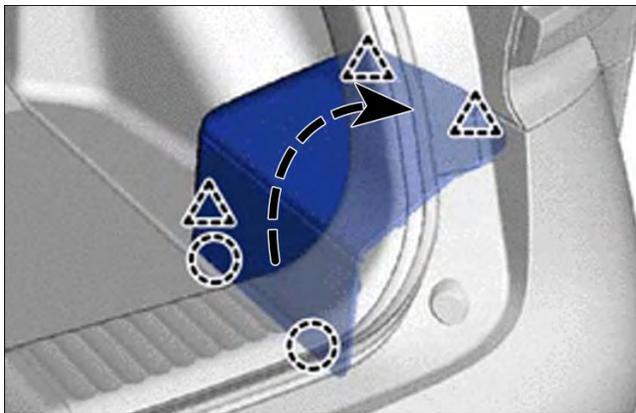


Figure 75b

36b. REINSTALL BATTERY SERVICE HOLE COVER

- a. Engage the 3 clips and 2 claws and install the battery service hole cover assembly, as shown in Figure 75b.
- b. Turn back the deck board assembly, as shown in Figure 75c.

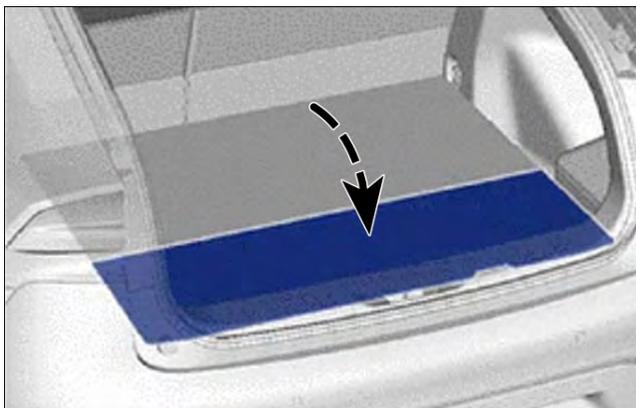


Figure 75c

CHECKLIST – These Points Must Be Checked To Ensure A Quality Installation

Check:	Look for:
 Ignition	Verify vehicle will crank
 SRS Warning Light	Confirm SRS warning light illuminates for approximately 6 seconds with the ignition on and then goes out
 Turn Headlight on	a) Verify interior illumination around shifter is working b) Verify ambient light is working from all sources
 Start SmartLED app	Run Diagnostics mode (next page) and verify accessory changes colors and brightness
 Warranty Statement	Place in glove box (DIO only)
 Customer Card	Place in glove box

DIAGNOSTICS



Figure 1

1a. INSTALL AND OPEN THE SmartLED APP

a. Install and then open the SmartLED app, as shown in Figure 1.



Figure 2

1b. SELECT THE BLUETOOTH DEVICE

a. Select the SmartLED Bluetooth device, as shown in Figure 2.



Figure 3

2. MAKE SURE VEHICLE'S ILLUMINATION IS ON

- a. Be sure the vehicle illumination is on, as shown in Figure 3.

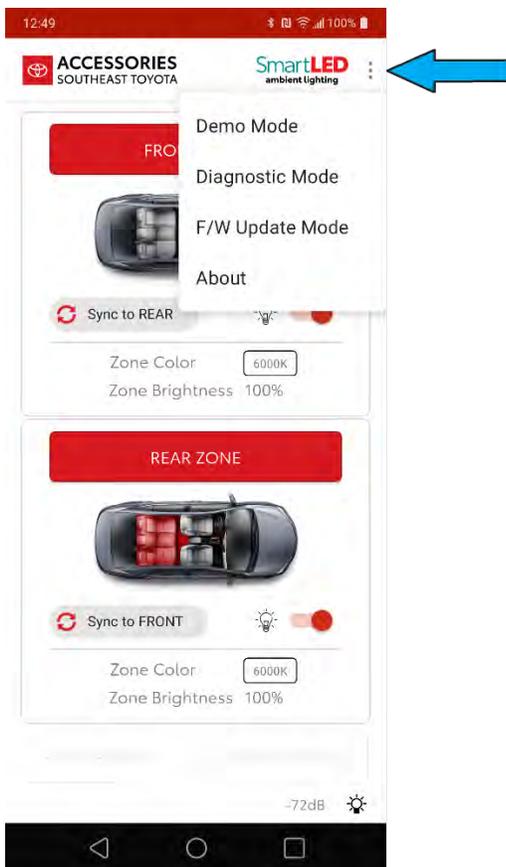


Figure 4

3. GO TO SETTINGS AND SELECT TO RUN DIAGNOSTIC MODE

- a. Verify the proper operation of each zone and channel as the app goes through the diagnostic mode, as shown in Figure 4.



Figure 5

4. VERIFY LIGHT COLORS IN THE FRONT OF THE VEHICLE

(A) Verify the colors are shown in the app correspond to the actual colors in the front of the vehicle, as shown in Figure 5.

- Red
- Green
- Blue
- Yellow
- Purple
- Cyan
- White
- Black (Off)



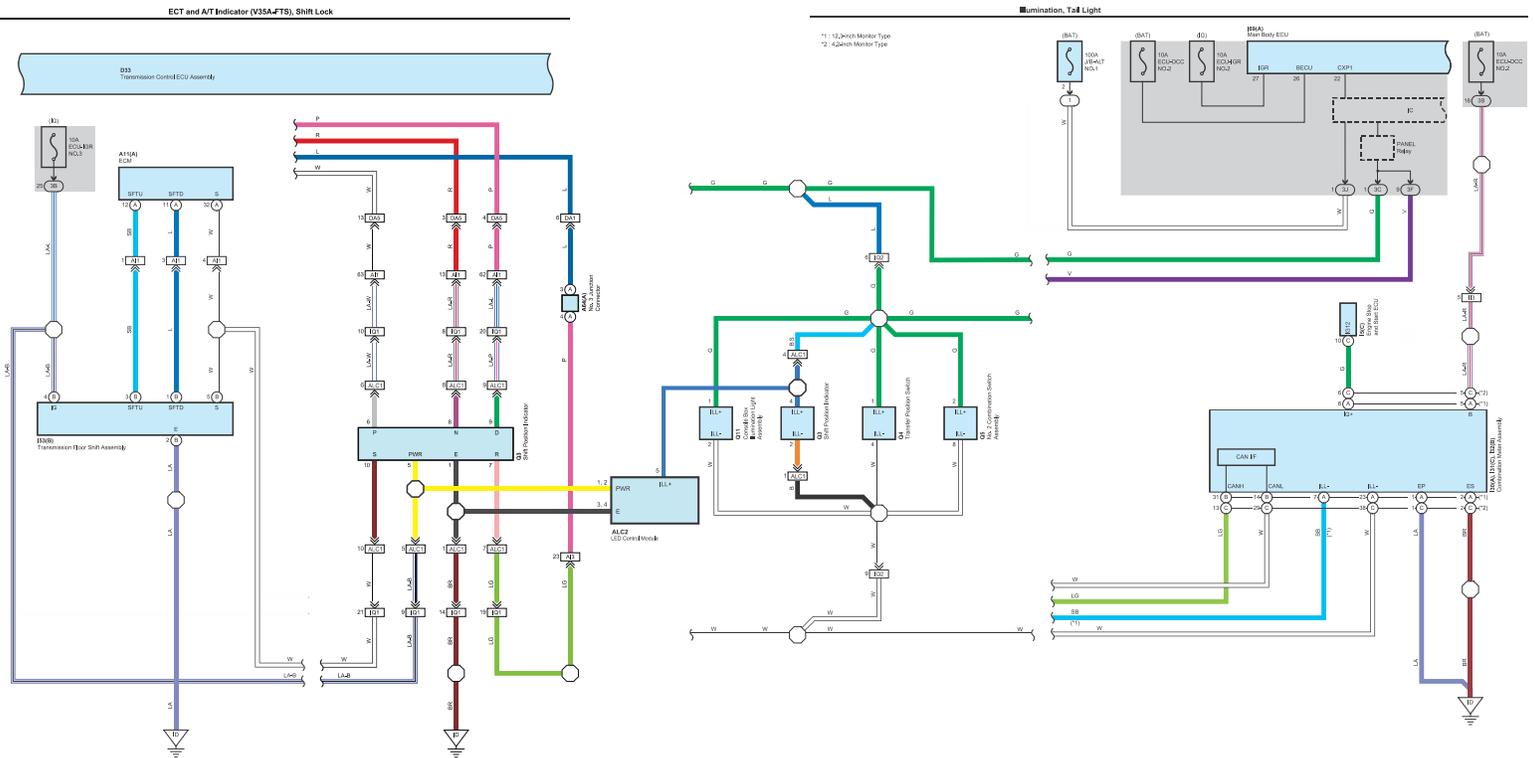
Figure 6

5. VERIFY LIGHT COLORS IN THE REAR OF THE VEHICLE

(B) Verify the colors are shown in the app correspond to the actual colors in the REAR of the vehicle, as shown in Figure 6.

- Red
- Green
- Blue
- Yellow
- Purple
- Cyan
- White
- Black (Off)

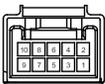
Block Diagram



Terminal of ECU

LED CONTROL MODULE

ALC2



TERMINAL NO. (SYMBOL)	WIRING COLOR	TERMINAL DESCRIPTION	CONDITION	SPECIFIED CONDITION
ALC2-3 (GND) - Body Ground	B - Body ground	Ground	Always	Below 1V
ALC2-4 (GND) - Body Ground	B - Body ground	Ground	Always	Below 1V
ALC2-1 (IGN) - ALC2-3 (GND)	Y - B	Power Source	Ignition "ON"	11 to 14 V
ALC2-2 (IGN) - ALC2-3 (GND)	Y - B	Power Source	Ignition "ON"	11 to 14 V
ALC2-5 (ILL+) - ALC2-3 (GND)	L - B	Illumination ILL+ signal	Illumination illuminates	11 to 14V

Troubleshooting Guide

Symptom	Check
No illumination from interior light by the shifter	<ol style="list-style-type: none"> 1. Turn headlights on. 2. Check and verify harness connection.
SmartLED app doesn't connect to module	<ol style="list-style-type: none"> 1. Reboot the phone. 2. Turn the car off, wait 20 sec, turn the car on.
No illumination from interior ambient light, all sources	<ol style="list-style-type: none"> 1. Turn headlight ON. 2. Light is turned off in the app. 3. ECU reached temp 55C (130F) and needs to cool down. 4. Check and verify harness connection
One or more (not all) light sources do not have the light	<ol style="list-style-type: none"> 1. Light is turned off in the app for one or more zones. 2. Check and verify fiber optics cable connection at ECU and Bezel. 3. Make sure fiber optic cable isn't bent more than 30mm radius.

Disassembling the Output Side



Figure 1

1. DISASSEMBLING THE OUTPUT SIDE

 8mm Socket

- (a) Take an 8mm socket and wrap the end in protective tape, as shown in Figure 1.



NOTICE:

Protective tape is required protect the bezel from getting scratched by the 8mm socket.

- (b) Press 8mm socket firmly against the bezel, as shown in Figure 2.



Figure 2



Figure 3

(c) Push the fiber optic cable in the direction shown in Figure 3, until the lens comes out as shown in step (d).

(d) Push the fiber optic cable in step (c) until lens is pushed from inside the bezel, as shown in Figure 4.



Figure 4

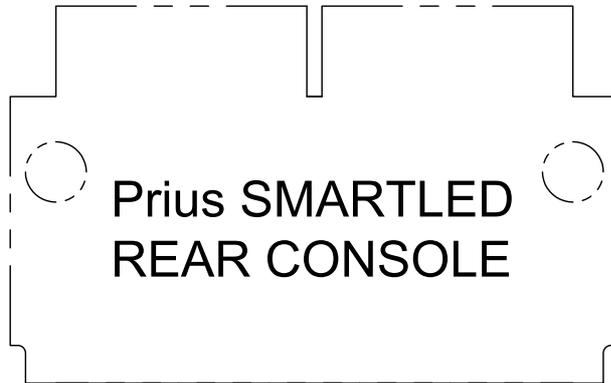
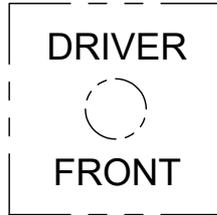


Figure 5

- (e) Remove the lens from the fiber optic cable, as shown in Figure 5.
- (f) Pull the fiber optic cable out of the hole.

Template

Print this page and cut out the dotted portion and use it as a template.





LIMITED WARRANTY – SOUTHEAST TOYOTA

SOUTHEAST TOYOTA DISTRIBUTORS, LLC (“we,” “our” and “us”) provides the following limited warranty on our accessories, excluding tires, (“Accessories” or “Accessory”) installed on a Toyota. This limited warranty is not provided by and does not bind or provide benefit to the vehicle dealer, the manufacturer, or Toyota Motor Sales, U.S.A., Inc. This limited warranty does not apply to tires; please consult the tire manufacturer and/or its materials accompanying the vehicle for any warranty terms concerning tires. This limited warranty also does not apply to ToyoGuard Exterior Paint Sealant and ToyoGuard Interior Protector; please consult the ToyoGuard Limited Warranty Certificate for the warranty terms concerning those products.

SCOPE OF LIMITED WARRANTY:

A. Protection:

- i. **Accessories Installed by Southeast Toyota Distributors, LLC on a new Toyota vehicle.** We warrant that, for a period of 36 months or 36,000 miles, whichever occurs first, we will repair or replace (includes labor), free of charge, any defect in such an Accessory due to faulty material or workmanship, or, at our option, provide a full refund of the purchase price of the Accessory. The warranty period begins on the vehicle's In-Service Date, which is the first date the new vehicle is either delivered to an ultimate purchaser, leased, or used as a company car or demonstrator. Accessories installed by Southeast Toyota Distributors, LLC are identified on the vehicle's window sticker (Monroney Label).
- ii. **Accessories Installed by a Toyota Dealer on a Toyota vehicle.** We warrant that, for 12 months, regardless of mileage, from the date such an Accessory was installed on the vehicle or the remainder of the Toyota new vehicle warranty, whichever is longer, we will repair or replace (includes labor), free of charge, any defect in the Accessory due to faulty material or workmanship, or, at our option, provide a full refund of the purchase price of the Accessory. For a new vehicle, the warranty period begins on the vehicle's In-Service Date, which is the first date the new vehicle is either delivered to an ultimate purchaser, leased, or used as a company car or demonstrator.
- iii. **Accessories purchased from a Toyota Dealer but not installed by the Toyota Dealer.** We warrant that, for a period of 12 months, regardless of mileage, from the date the accessory was purchased, we will repair or replace (does not include labor), free of charge, any defect in the Accessory due to faulty material or workmanship, or, at our option, provide a full refund of the purchase price of the Accessory.

B. Limitation of Warranty. This limited warranty does not apply to, and we will not repair, replace, or reimburse you for: **(1)** wheel balancing and wheel alignments, except for one wheel balancing or alignment during the first 12 months or 12,000 miles, whichever occurs first, from the vehicle's In-Service Date, as defined above, **(2)** abrasions or dents, whatever their cause, and any failure or damage resulting directly or indirectly from accidents, collisions, impacts from foreign objects, fire, theft, larceny, explosion, malicious mischief, vandalism, civil commotion, riots, war, or any other similar causes, **(3)** any failure or damage resulting directly or indirectly from lightning, windstorms, hail, water, floods, subfreezing temperatures, airborne chemicals, tree sap, dust, salt, and any other environmental conditions or similar causes, **(4)** any failure or damage caused by: (a) a failure of any part, other than the Accessory, (b) any misuse, abuse, improper towing, negligence or lack of maintenance of the vehicle or Accessory, (c) the alteration, modification or repair of the Accessory by anyone other than persons expressly authorized by us to perform such alteration, modification or repair, or (d) the use of the vehicle for commercial purposes, competitive driving or racing, **(5)** any failure or damage, if the Accessory has not been installed according to instructions, **(6)** any failure or damage occurring outside of Canada, the United States of America, its territories or possessions, **(7)** except to the extent required by the state whose laws govern this limited warranty, any consequential, secondary, or unreasonable costs that may be suffered as a result of the need to repair or replace the Accessory, including without limitation any loss of use of the vehicle, road service, towing, storage charges, inconvenience, loss of wages and/or income, additional expense incurred, loss of transportation, rental car expense, or any derivative damage to persons or things other than the Accessory, including other parts of the vehicle, or **(8)** liability for damage to property or for injury to or death of any person, arising out of the operation, maintenance or use of your vehicle whether or not related to the covered Accessory.

C. Exclusive Remedy. If there is a valid claim under this limited warranty for a defect due to faulty material or workmanship in the Accessory, we will, at our option, either: (i) repair, (ii) replace or (iii) provide a full refund of the purchase price of the Accessory. We have no other obligations under this limited warranty. Refunds will be made to the vehicle owner. If the vehicle is leased, the refund will be made to the leasing company.

HOW TO MAKE A CLAIM: In the event of a warranty claim, please contact the nearest Toyota dealer to arrange for repairs. The dealership must receive our prior authorization before making repairs covered by this limited warranty. The dealer will contact Southeast Toyota Distributors, LLC at 1-888-851-2722, select option #5 (Warranty Department), then option #4 (Repairs), for instructions on processing a warranty claim, if they are not already familiar with the process. If you have any questions or concerns regarding repairs covered by this limited warranty, please contact our **Customer Assistance Hotline at 1-800-301-6859**.

OUR DISPUTE RESOLUTION PROGRAM: Your satisfaction is our highest priority. In keeping with that focus, in the event that an issue arises related to this Limited Warranty, we invite you to call our Customer Assistance Hotline at 1-800-301-6859 to discuss it. In most cases, we expect that a satisfactory resolution of your issue can be reached through engagement with that Department. If our Customer Loyalty Department is unable to resolve your issue to your satisfaction, we offer a dispute resolution program administered by the National Center for Dispute Settlement (NCDS) (“the Program”). The purpose of the Program is to resolve disputes in an informal setting before an impartial arbitrator. The Program is free of charge to you (although you must bear the cost of any expert witness or attorney you elect to employ). You are required to complete the Program before exercising rights or seeking remedies under the federal Magnuson-Moss Warranty Act, 15 U.S.C. § 2301 et seq. (“the Act”). If you choose to seek remedies that are not created by the Act, you are not required to use the Program before pursuing such remedies – although the Program is still available to you to resolve the dispute. When utilizing the Program, you will need to provide (a) the vehicle identification number of your vehicle, (b) the identity of your selling and servicing dealerships, (c) the mileage on your vehicle at relevant times, (d) the date and nature of any relevant repairs, (e) legible copies of repair orders and other relevant documents, (f) a summary of the unresolved issue and the requested action, and (g) your contact information. In most cases, the dispute resolution process under the Program will be completed within forty (40) days of your submission of your request and will consist of steps such as an initial eligibility determination, an opportunity for you and us to submit information in writing relating to your claim, an oral hearing, and a decision from the arbitrator. A decision will be binding on you only if you choose to accept it. You may submit a request to NCDS by telephone at their toll free number: (877)-276-8848 or in writing at P.O. Box 463196, Mt. Clemens, MI 48046. You may obtain additional information regarding the Program at www.ncdsusa.org. In the event that the NCDS does not exist or no longer handles disputes for us at the time that you seek to submit a request, you may contact our **Customer Assistance Hotline at 1-800-301-6859** to obtain current information about our dispute resolution programs.

GENERAL LIMITATION OF WARRANTY: THIS LIMITED WARRANTY IS IN LIEU OF ALL OTHER EXPRESS WARRANTIES OR LIABILITIES. IN NO EVENT SHALL WE BE LIABLE FOR ANY CONSEQUENTIAL OR INCIDENTAL DAMAGES FOR BREACH OF THIS OR ANY OTHER WARRANTY. SOME STATES DO NOT ALLOW THE EXCLUSIONS OR LIMITATIONS OF INCIDENTAL OR CONSEQUENTIAL DAMAGES, SO THE ABOVE INFORMATION OR EXCLUSION MAY NOT APPLY. NO EXPRESS WARRANTY OF FITNESS OR MERCHANTABILITY IS GRANTED BY THIS LIMITED WARRANTY. THERE ARE NO WARRANTIES WHICH EXTEND BEYOND THOSE DESCRIBED IN THIS DOCUMENT. ANY IMPLIED WARRANTIES, INCLUDING THE IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE, WHICH MAY BE APPLICABLE BY OPERATION OF LAW SHALL BE LIMITED TO THE PERIOD OF THIS WRITTEN LIMITED WARRANTY. SOME STATES DO NOT ALLOW LIMITATIONS ON HOW LONG AN IMPLIED WARRANTY LASTS, SO THE ABOVE LIMITATIONS MAY NOT APPLY. THIS LIMITED WARRANTY PROVIDES SPECIFIC LEGAL RIGHTS, AND THERE MAY BE OTHER RIGHTS WHICH VARY FROM STATE TO STATE. ANY ACTION FOR BREACH OF ANY WARRANTY HEREUNDER, INCLUDING ANY IMPLIED WARRANTY OF MERCHANTABILITY, MUST BE BROUGHT WITHIN A PERIOD NOT EXCEEDING 12 MONTHS AFTER EXPIRATION OF THIS LIMITED WARRANTY. THE REMEDIES SPECIFIED HEREIN AND THOSE SPECIFIED BY APPLICABLE LAW ARE THE ONLY REMEDIES AVAILABLE. WE ASSUME NO OTHER OBLIGATION OR RESPONSIBILITY WITH REGARD TO THE ACCESSORY. WE NEITHER ASSUME, NOR AUTHORIZE ANYONE TO ASSUME FOR US, ANY ADDITIONAL LIABILITY IN CONNECTION HEREWITH.

GENERAL: This limited warranty describes the complete and exclusive rights that result from the purchase of Accessories. No oral representations or statements may be relied upon. This limited warranty may not be amended or modified, and additional rights may not be granted, unless in a written statement signed by one of our officers. This limited warranty shall be governed by the laws of the state where the vehicle is purchased, excluding laws concerning conflicts of law. We may delegate the performance of our duties and obligations and assign our rights and benefits hereunder. For inquiries regarding this limited warranty, we can be contacted directly at **Customer Assistance Hotline at 1-800-301-6859**, or by mail to: **Southeast Toyota Distributors, LLC, Attention: Customer Loyalty Department, 100 Jim Moran Boulevard, Deerfield Beach, Florida 33442.**

Rev. 12/01/16