

TECHNICAL INSTRUCTIONS

FOR

SAFETY RECALL 24TA06

REAR DOOR MAY OPEN WHILE DRIVING

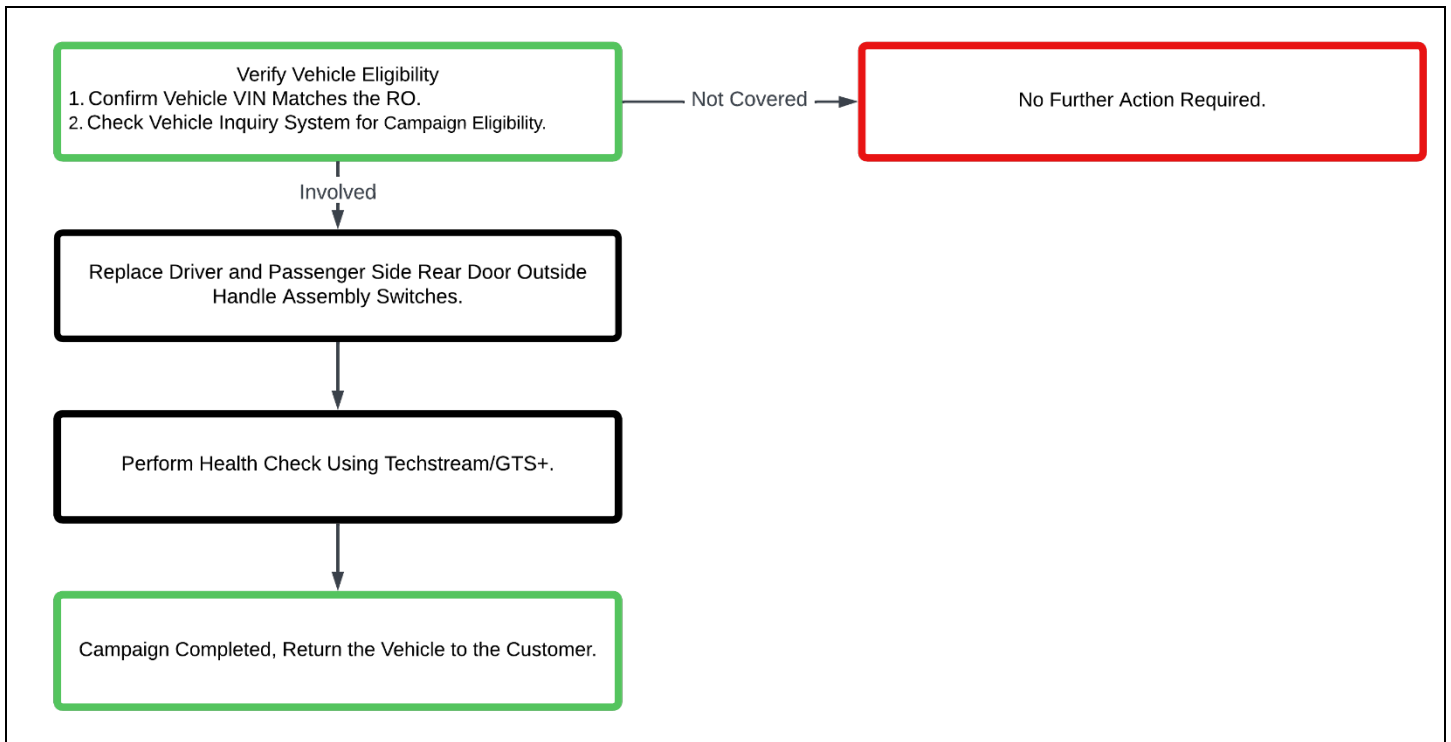
CERTAIN 2024 PRIUS, PRIUS PRIME

The repair quality of covered vehicles is extremely important to Toyota. All dealership technicians performing this repair 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 repair are required to have completed the following courses.

- TIC206A - Electrical Repair 1

Always check which technicians can perform the repair by logging on to <https://www.uotdealerreports.com>. It is the dealership's responsibility to select technicians with the above certification level or greater to perform this 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

1. CHECK VEHICLE FOR CAMPAIGN ELIGIBILITY

- a. Compare the vehicle's VIN to the VIN listed on the Repair Order to ensure they match.
- b. Check the TIS Vehicle Inquiry System to confirm the VIN is involved in this Campaign and that it has not already been completed.

NOTE: TMNA warranty will not reimburse dealers for repairs completed on vehicles that are not affected or were previously completed, even by another dealer.

III. PREPARATION

A. PARTS

<u>Part Number</u>	<u>Part Description</u>	<u>Quantity</u>	<u>Remarks</u>
04004-16147	Switch, Door Control (SSP Kit)*	1	Required

* The kit above includes the following parts.

<u>Part Number</u>	<u>Part Name</u>	<u>Quantity</u>
84931-47010	Insulator ASSY RH	1
84931-47020	Insulator ASSY LH	1
69219-47080	Sponge	6
90467-07227	Clip (yellow color)	2

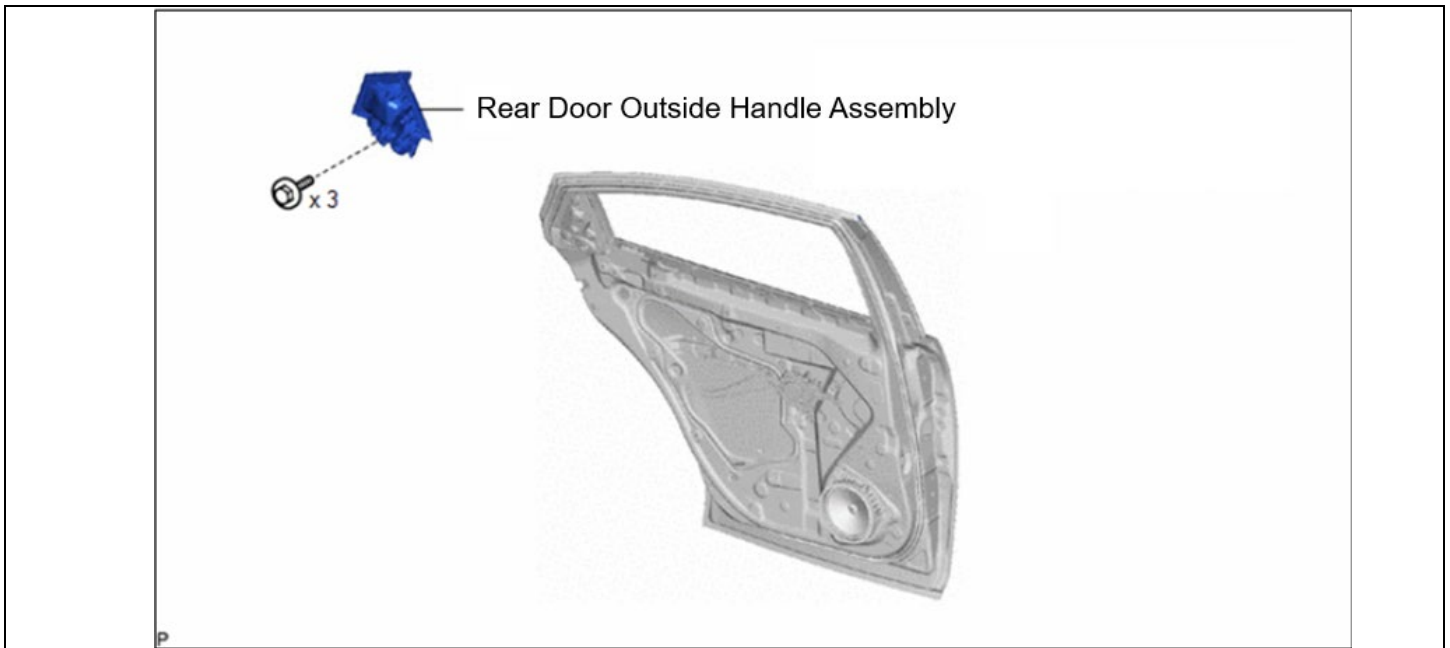
<u>Part Number</u>	<u>Part Description</u>	<u>Quantity</u>	<u>Remarks</u>
04004-14147	Door Belt Moulding LH	1	As needed
04004-14247	Door Belt Moulding RH	1	As needed

*The Door Belt Moulding is only required in the rare case that it is damaged during the repair. Do not order for stock.

B. TOOLS & EQUIPMENT

• Techstream/GTS+	• Flashlight	• Standard Tools	• Body Trim Tool
• Protective Tape			

IV. BACKGROUND



V. REMOVAL PROCEDURE

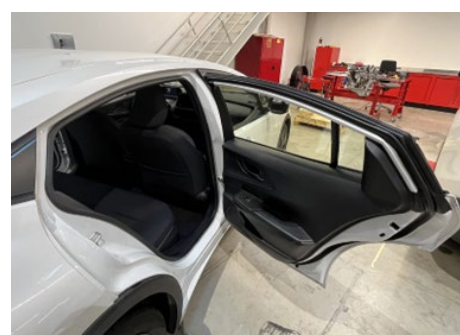


1. CHECK FOR DTCS

- Using a Techstream/GTS+, check for Diagnostic Trouble Codes.



If any hybrid DTCs are found that indicate a safety risk when performing this repair, do not proceed until they have been resolved.



2. OPEN REAR DOOR



3. REMOVE REAR DOOR TRIM UPPER COVER

- Using a moulding remover, disengage the 3 claws to remove the rear door trim upper cover.



4. REMOVE REAR POWER WINDOW REGULATOR SWITCH ASSEMBLY

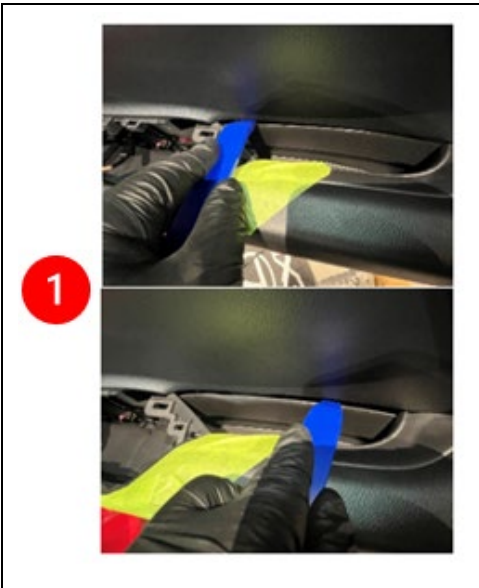
- Apply protective tape to the rear door trim board sub-assembly as shown in the illustration.



b. Remove the rear power window regulator switch assembly using a plastic trim tool.



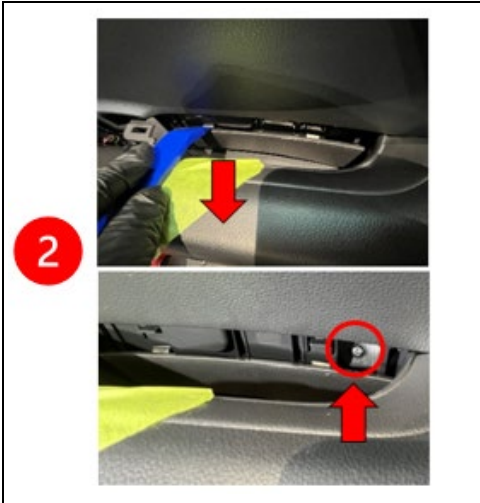
c. Disconnect the connector to remove the rear power window regulator switch assembly with the rear door armrest base panel.



5. REMOVE REAR DOOR TRIM BOARD SUB-ASSEMBLY

a. Using a plastic trim tool, slide the rear door trim board sub-assembly down.

NOTE: Do not attempt to remove the cover from the door panel. It is designed to be slid up and down, not removed completely.

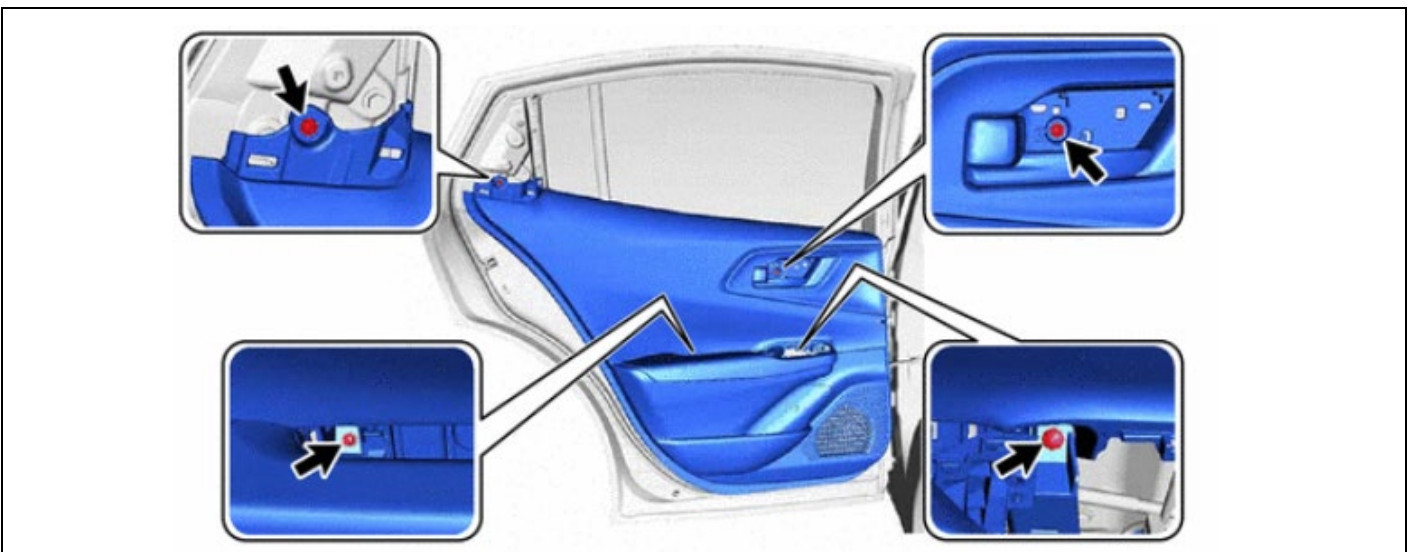


HINT: The panel slides down approximately 1.5" to allow access to the screw in the following step.



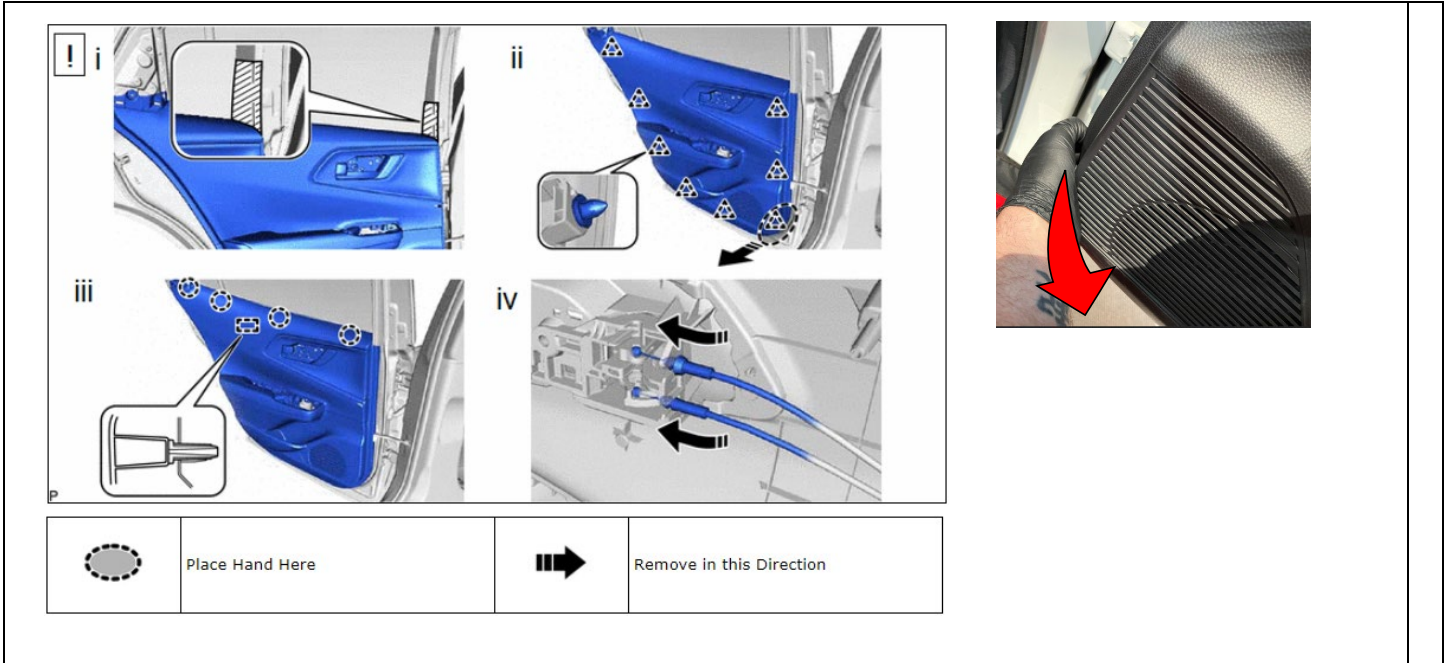
b. Remove the rear door rear bracket.

c. Remove the 4 screws.



d. Disengage the 8 clips as shown in the illustration.

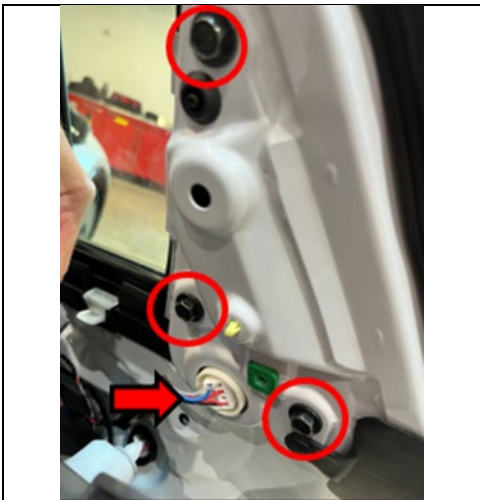
e. Disengage the 4 claws and guide as shown in the illustration.



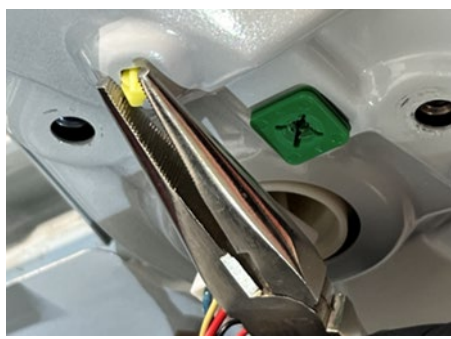
- f. Disconnect the rear door lock open lever remote control cable and rear door inside lock/unlock knob locking cable as shown in the illustration to remove the rear door trim board sub-assembly.
- g. Place the door panel assembly in a safe location.



- 6. REMOVE REAR DOOR OUTSIDE HANDLE ASSEMBLY**
- a. Locate the passenger rear door handle assembly.



b. Remove the connector and 3 bolts.



c. Use a set of needle-nosed pliers to unfasten the yellow clip.

HINT: Gently pull on the rear door handle outside assembly while unfastening the yellow clip.

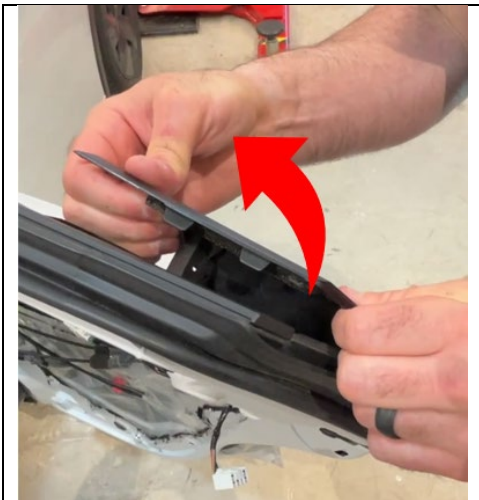
1



2



d. Remove the rear door outside handle assembly by gently pushing on the connector housing while pulling up on the door handle assembly.



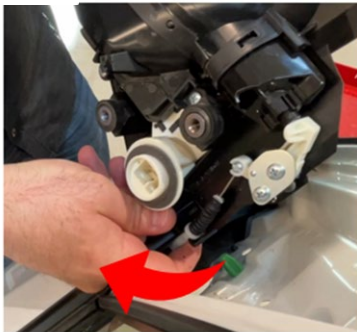
- e. Once the connector housing is cleared, gently pull up and out on the door handle assembly to remove it.

NOTE: The rear door handle assembly will still be connected to the rear door lock remote control cable assembly. Be sure not to damage the cable assembly.



- f. Rotate the rear door outside handle assembly to access the cable assembly.

1

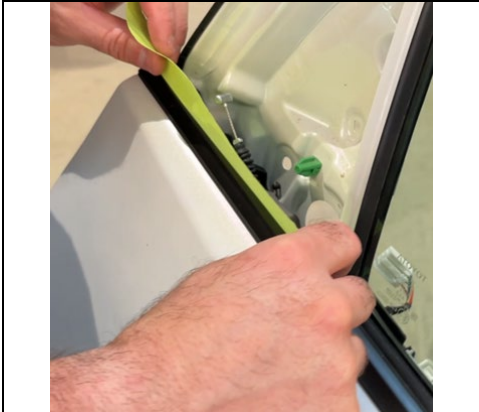


2



- g. Remove the rear door lock remote control cable assembly.

VI. INSTALLATION PROCEDURE



1. PREPARE REAR DOOR

- a. Apply protective masking tape to the lower edge of the rear door outside handle assembly opening.



- b. Wrap the tape over the lower edge to extend approximately 5mm on the inside surface.



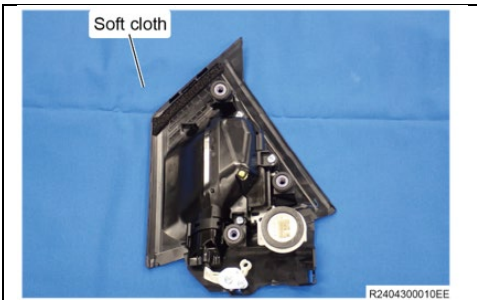
- c. Ensure tape is adhered to the length of the door handle opening lower edge.

NG



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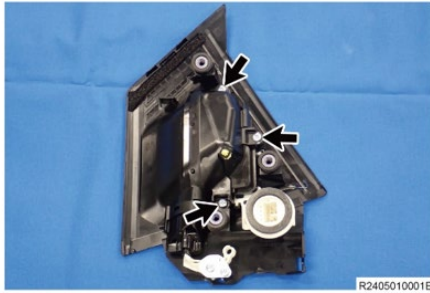
- d. Confirm that the original door outside handle seal or clip gasket does not remain on the rear door panel sub-assembly side.



2. REMOVE DOOR INSULATOR ASSEMBLY SWITCH

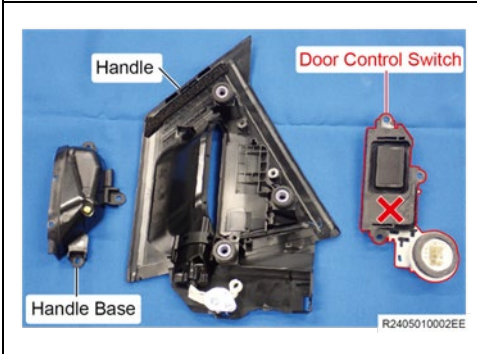
- a. Perform the following work on a soft cloth so that the outward side is not damaged.
- b. Remove dirt and moisture from the entire rear door outside handle assembly.
- c. Remove the 3 screws.

NOTE: Be sure to save the 3 screws; they will be reused.



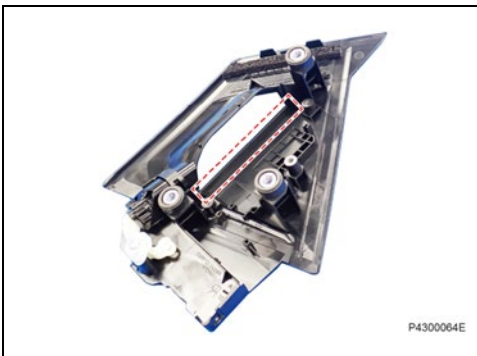
- d. Remove the handle base and door control switch.

- e. Mark the **removed** door control switch with an “NG” and properly scrap it.



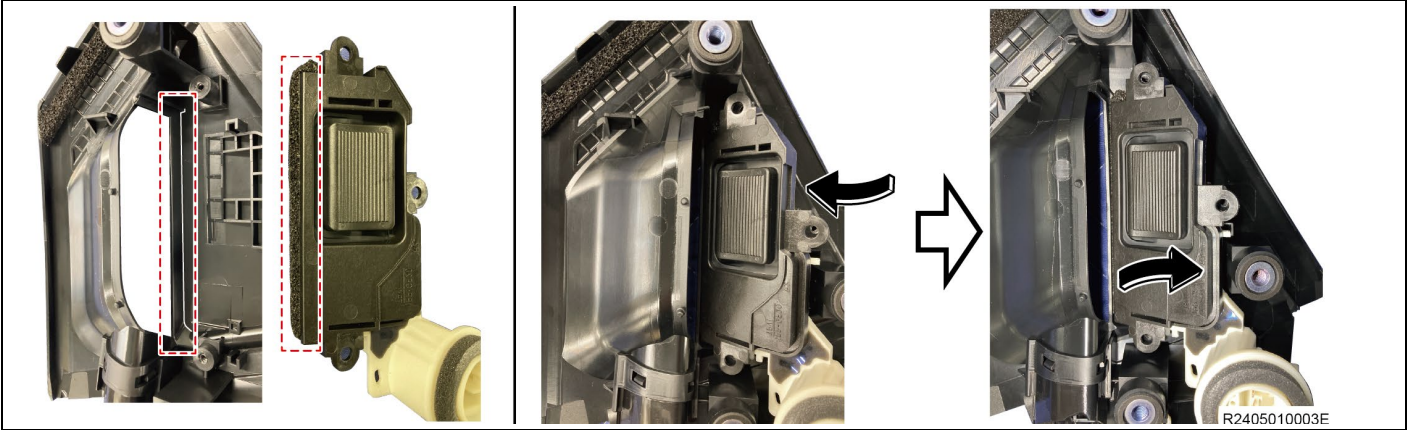
3. INSTALL DOOR CONTROL SWITCH

- a. Clean the installation section of the door control switch assembly.

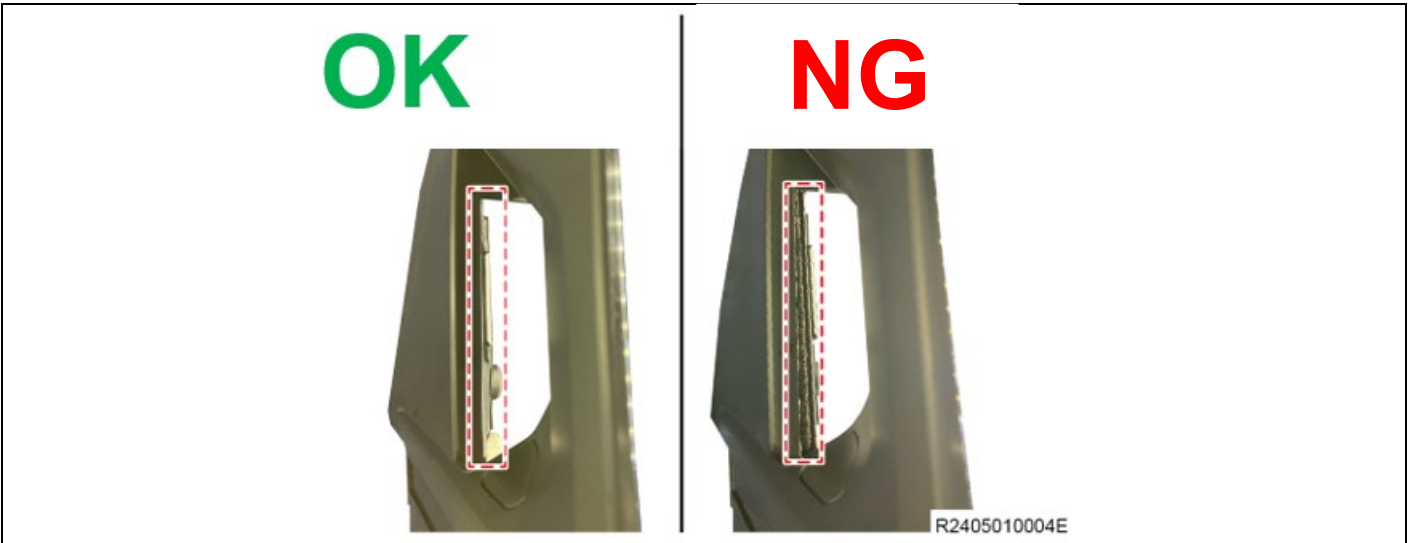


- b. Set the door control switch by pushing the foam tape applied to the **NEW** door control switch against the straight line of the handle and rotating it into place.

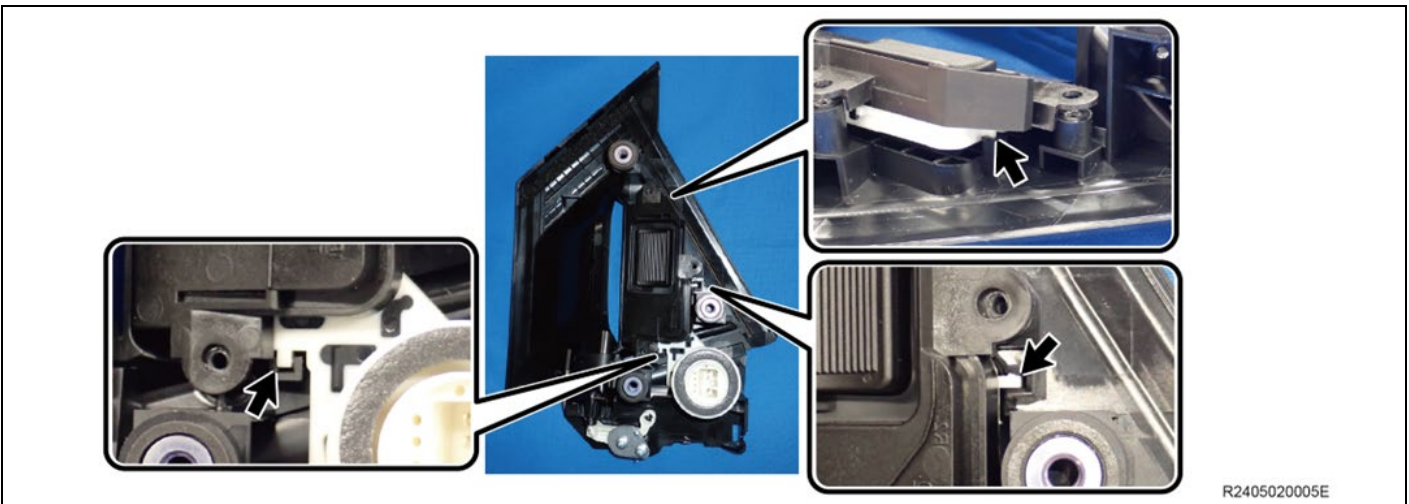
NOTE: Ensure that no solvents or moisture gets onto the surface of the door control switch assembly.

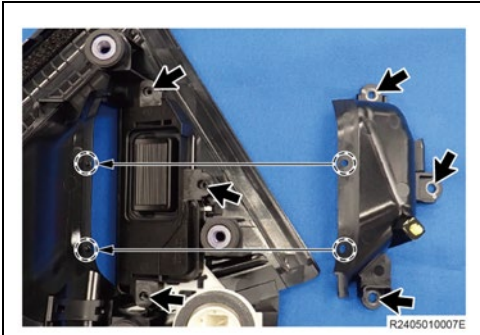


- c. Confirm that the door control switch's foam tape is not sticking out. Review the “**NG**” condition below.

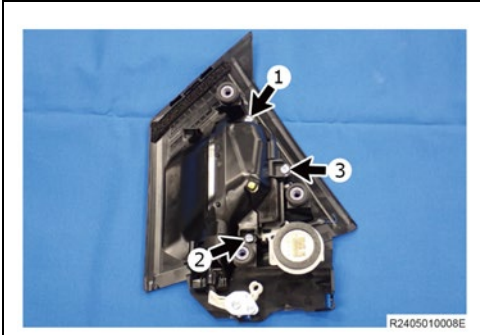


- d. Confirm the 3 positioning tabs are properly inserted into the handle.





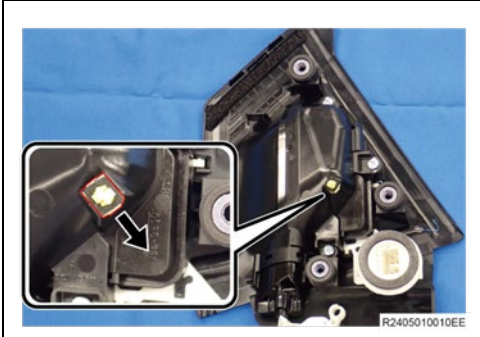
e. Align the positions of the 2 guides and 3 screw installation holes to set the handle base.



f. Seat the 3 screws in the order shown in the illustration.

g. Fully tighten the 3 screws in the order shown in the illustration.

NOTE: To avoid water intrusion, make sure to tighten the screws so there are no gaps or unstableness.

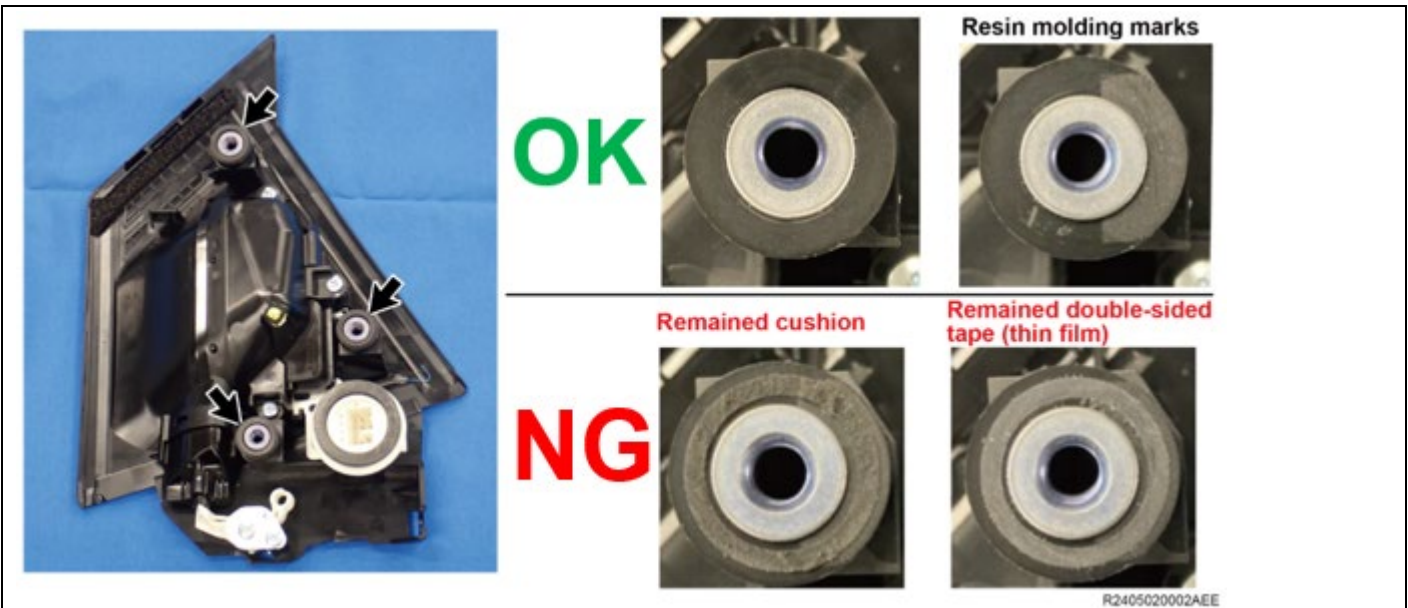


h. Using a moulding remover, disengage the 3 claws to remove the rear door trim upper cover.

i. Replace the yellow clip.

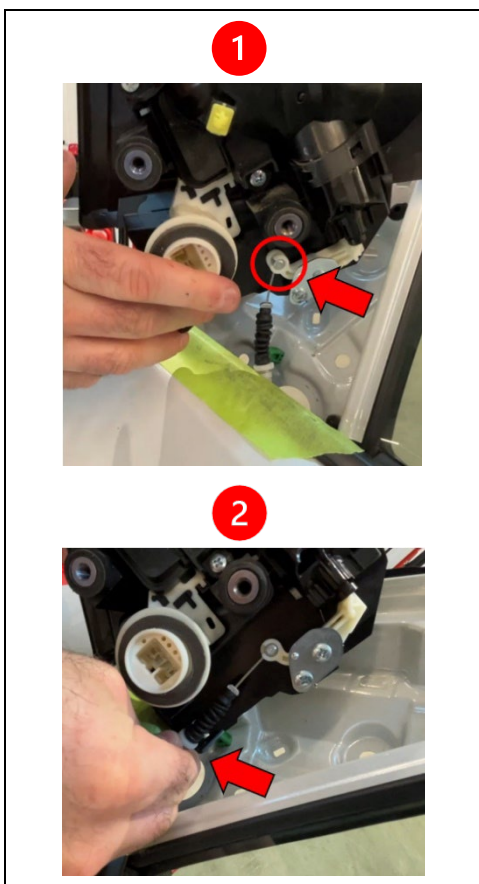
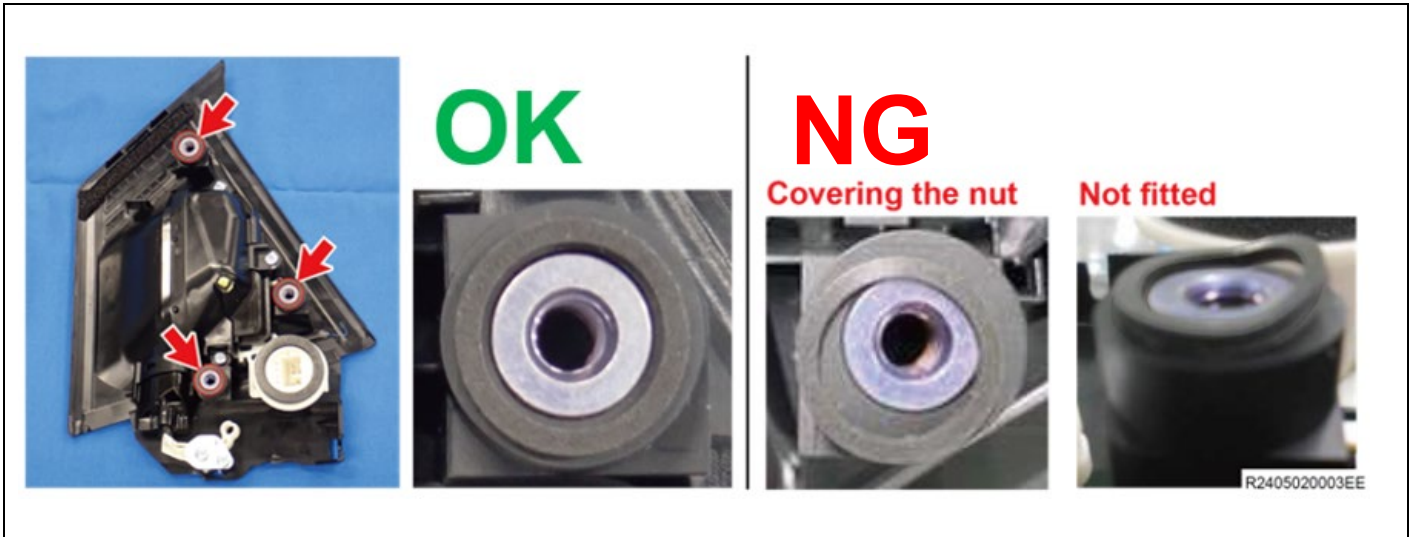
4. REPLACE THE DOOR OUTSIDE HANDLE SEAL

a. Remove the 3 door outside handle seals.



b. 3 **NEW** door outside handle seals.

NOTE: To avoid water intrusion, do not cover the nut surface area.



- 5. INSTALL REAR DOOR OUTSIDE HANDLE ASSEMBLY**
- a. Install the door lock cable retainer to the **NEW** rear door outside handle assembly.

NOTE: Ensure both door lock cable retainers are fully seated before proceeding to the next step.



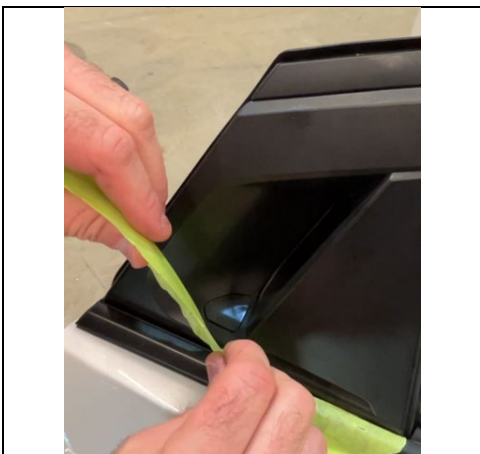
b. Install the **NEW** rear door outside handle assembly into the opening.



c. Slide the door handle down into the opening.

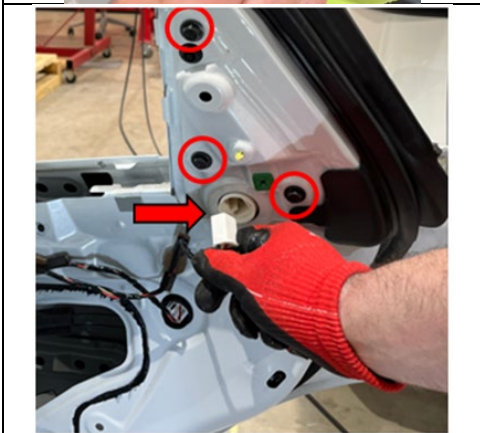


d. Once the **NEW** rear door outside handle assembly is fully seated, the connector housing, yellow clip, and 3 bolt openings should be engaged and aligned, as shown in the illustration.



e. Remove the protective tape by pulling it **upward**.

HINT: Pulling the tape upward ensures that the belt moulding seal remains properly seated.



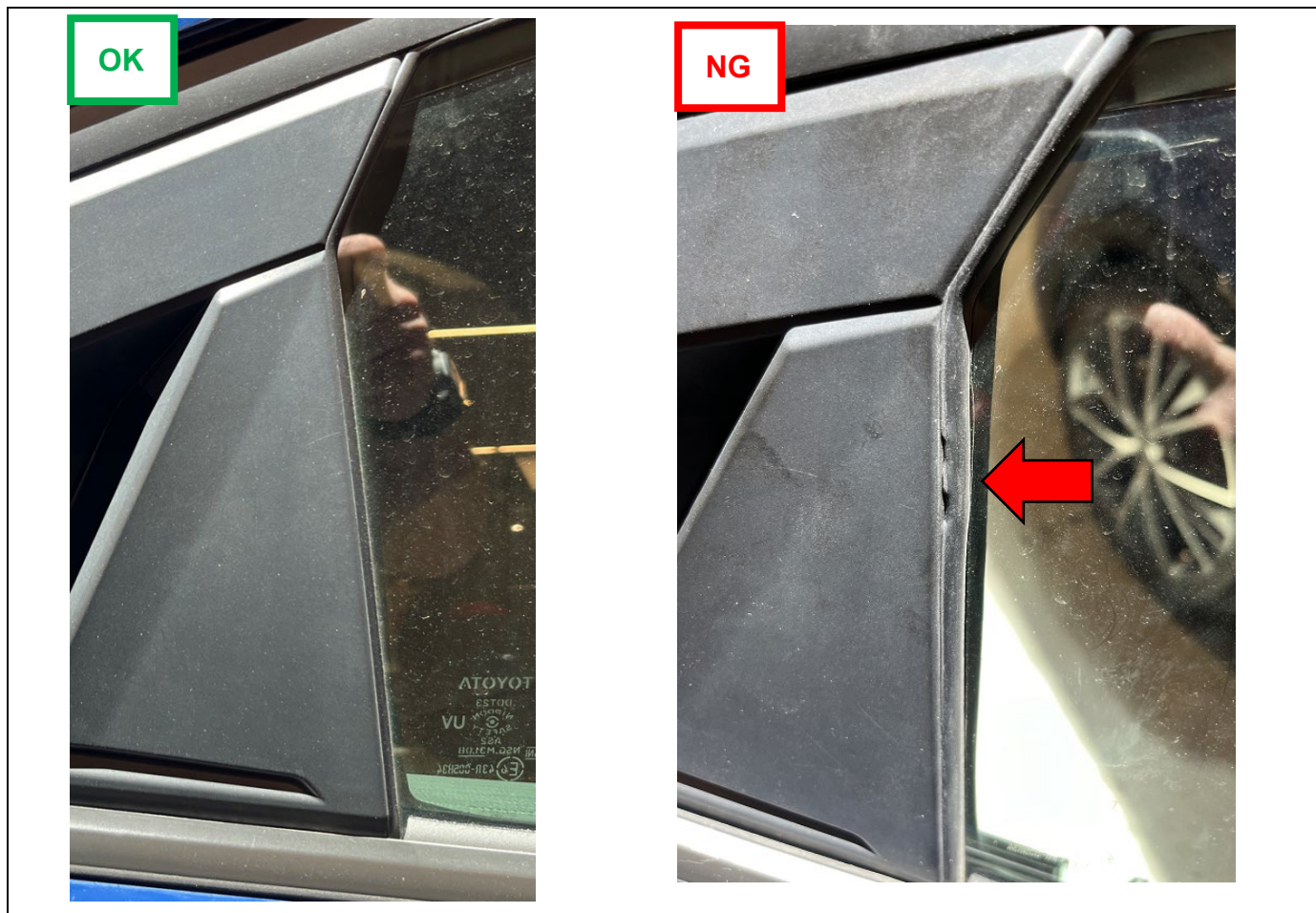
f. Install the 3 bolts and connector.

Torque:

5.0 N·m {44 in·lbf}

g. Confirm proper fitment once installed.

HINT: Use a credit card or thin plastic body pry tool to undo any creases in the surrounding rubber trim.



e. Confirm that the door belt moulding is not damaged.

Is the belt moulding loose or damaged?

OK: Proceed to [step 6](#).

NG: Replace the door belt moulding following the replacement procedure in the [Repair Manual](#).

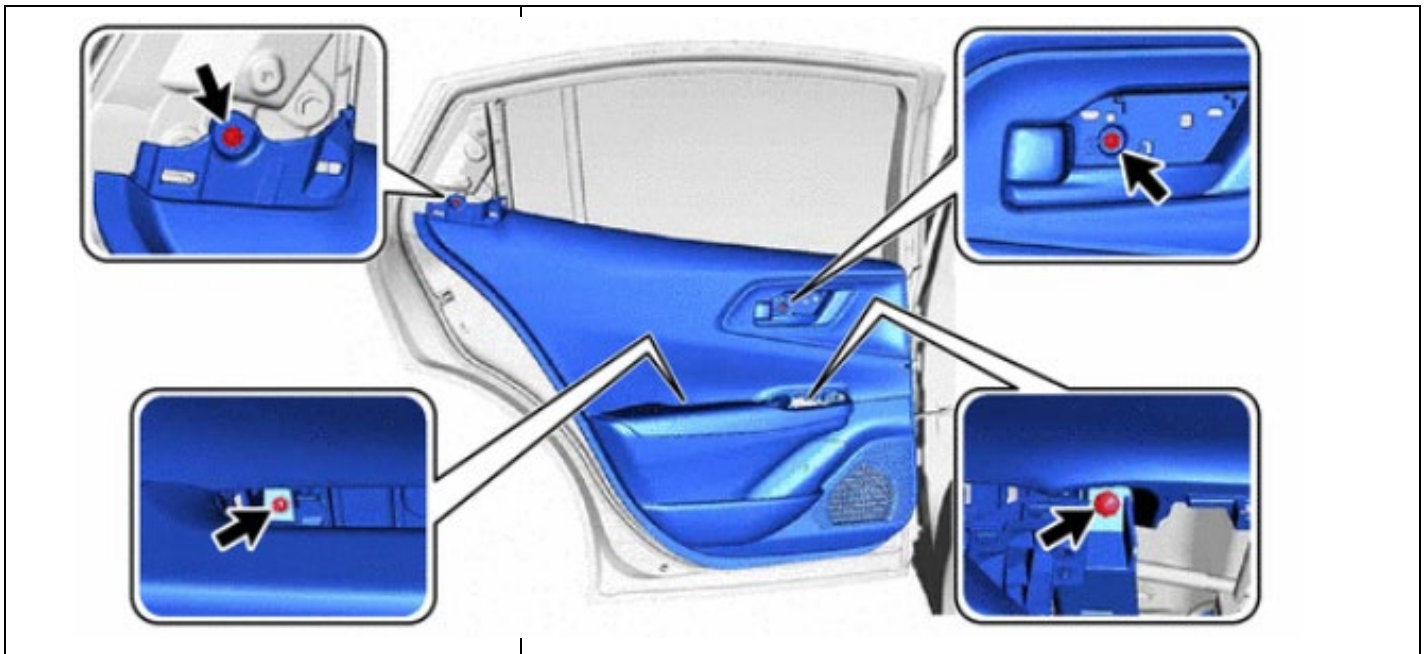


6. INSTALL REAR DOOR TRIM BOARD SUB-ASSEMBLY

- a. Install the door cables with the green cable on the bottom and the white cable on top.
- b. Ensure that all door clips are properly secured.



- c. Install the 4 screws.





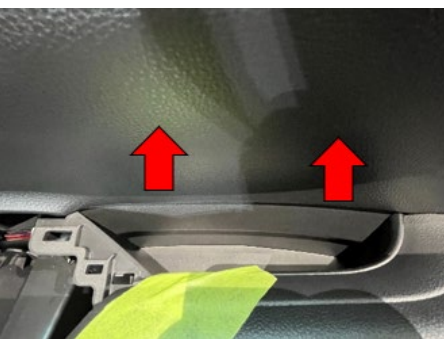
7. INSTALL REAR DOOR REAR FRAME BRACKET



8. INSTALL REAR POWER WINDOW REGULATOR SWITCH ASSEMBLY WITH REAR DOOR ARMREST BASE PANEL
a. Install the connector and switch assembly.



9. INSTALL REAR DOOR TRIM UPPER COVER



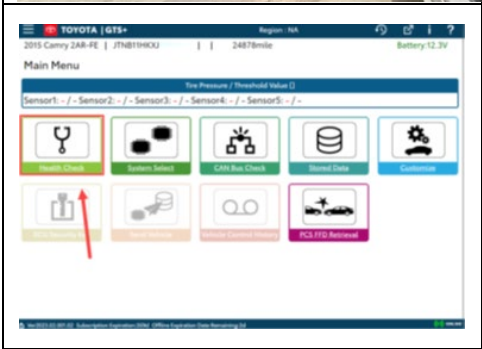
10. INSTALL REAR DOOR TRIM BOARD SUB-ASSEMBLY
a. Slide the cover up until it snaps into place.



11. REMOVE ALL REMAINING PROTECTIVE TAPE FROM DOOR PANEL



12. PERFORM THE SAME PROCEDURE FOR THE DRIVER SIDE REAR DOOR



13. PERFORM HEALTH CHECK USING TECHSTREAM

- a. Using Techstream/GTS+, click the “Health Check” button on the Main Menu.

◀ VERIFY REPAIR QUALITY ▶

- Confirm that no DTCs are present.
- Confirm that BOTH rear door opener switches and rear door inside handles operate properly
- Confirm that BOTH windows operate smoothly up and down.
- Confirm door panel and trim fitment.
- Confirm all window mouldings are properly aligned and sealed.

VII. APPENDIX

A. PARTS DISPOSAL

In accordance with Federal law, 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

