

TECHNICAL INSTRUCTIONS
FOR
SAFETY (NONCOMPLIANCE) RECALL 24LA03

Airbag May Not Deploy Properly

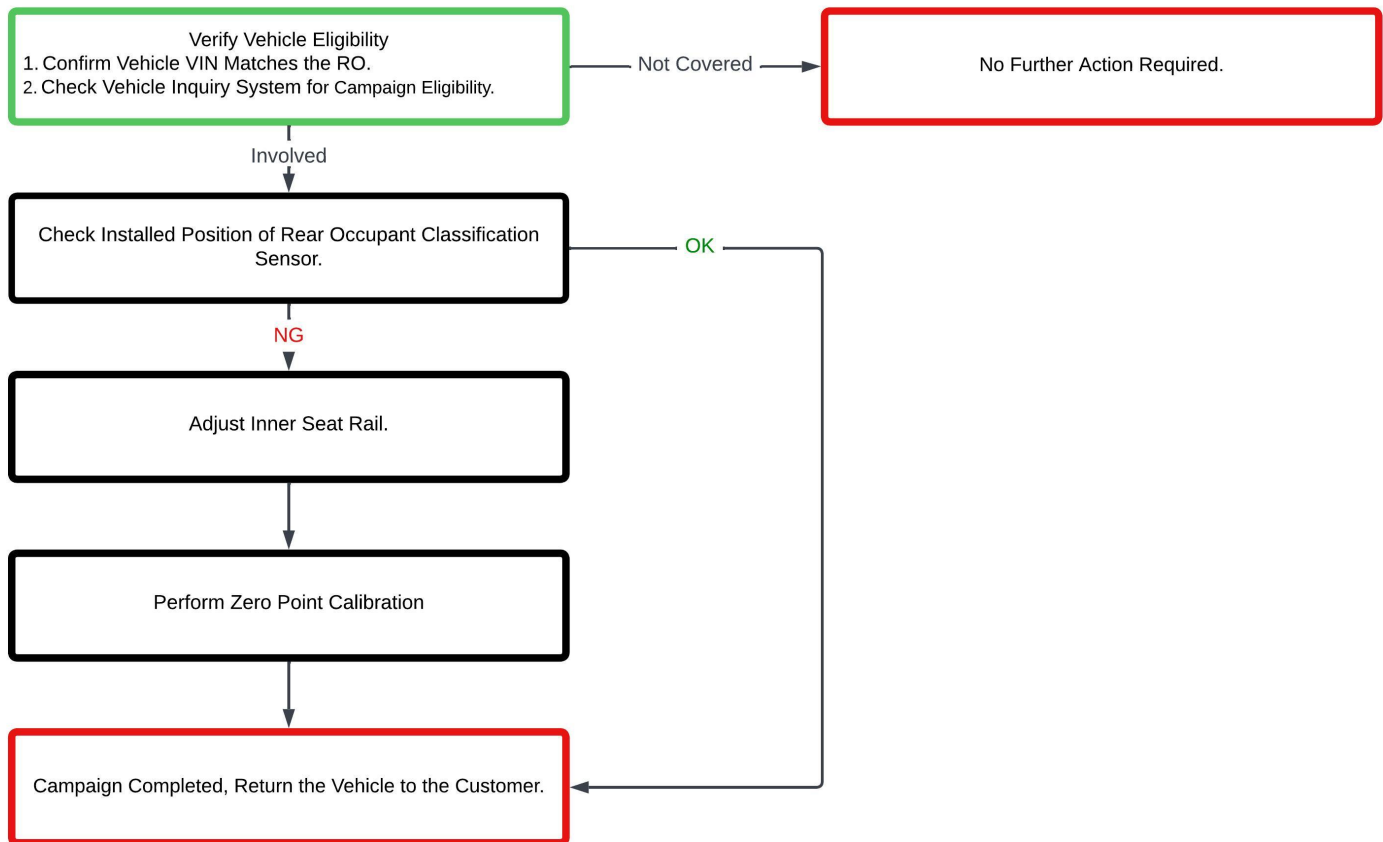
Certain 2018-2021 LS500 and Certain 2018-2020 LS500h

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

- LIC206A– Electrical Repair

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 who have completed the above courses to perform this repair. Carefully review your resources, the technician's 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

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

NOTICE:

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

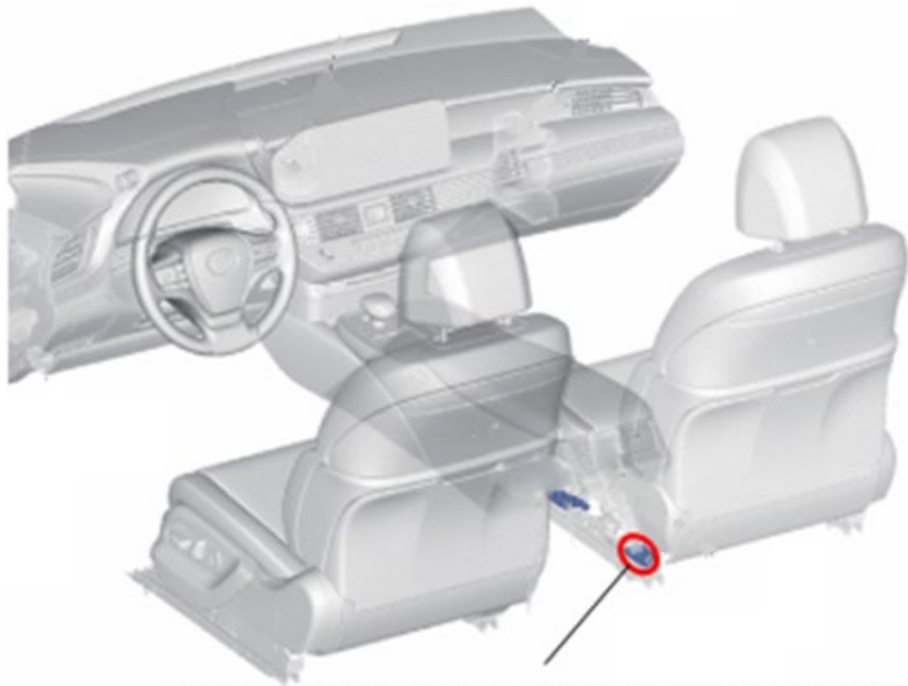
A. TOOLS AND EQUIPMENT

- Standard Hand Tools
- Torque Wrench
- Techstream
- Light
- "TORX" Socket Wrench T50
- Protective Tape

IV. WORK PROCEDURE TABLE OF CONTENTS

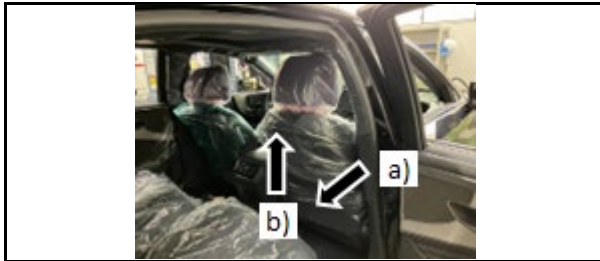
CHECK THE REAR OCS INSTALLED POSITION FOR INTERFERENCE OF LOWER SEAT FRAME AND SPACER	SECTION VI.
ADJUST INNER SEAT RAIL	SECTION VII.
ZERO POINT CALIBRATION	SECTION VIII.
APPENDIX	SECTION IX.

V. BACKGROUND

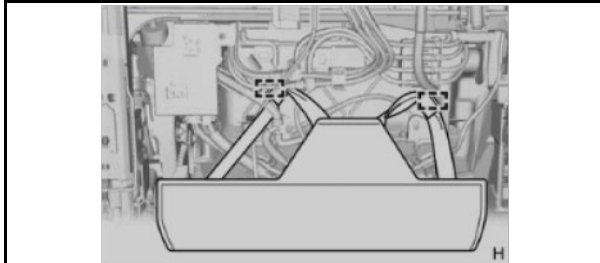


REAR OCCUPANT CLASSIFICATION SENSOR

VI. CHECK THE REAR OCS INSTALLED POSITION FOR INTERFERENCE OF THE LOWER SEAT FRAME AND SPACER



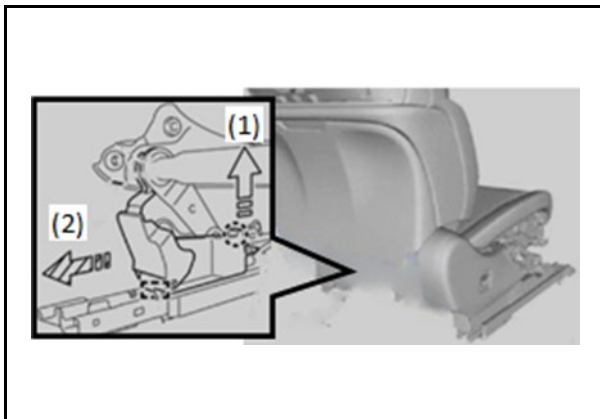
1. RECORD FRONT PASSENGER SEAT POSITION
2. ADJUST SEAT POSITION
 - a) Slide the seat fully rearward.
 - b) Place the seat height to its highest position.



3. DETACH FRONT SEAT BOARD SUB-ASSEMBLY
 - a) Detach the 2 hooks.



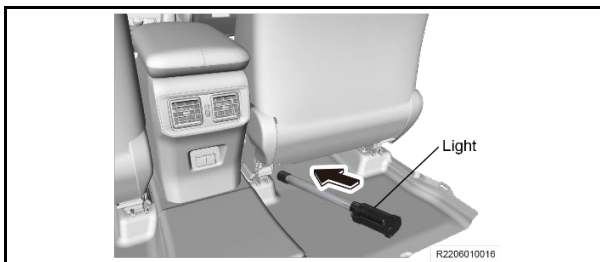
- b) Fold back the front seatback board sub-assembly in the direction of the arrow shown in the illustration.



4. DISCONNECT FRONT SEAT LOWER CUSHION SHIELD

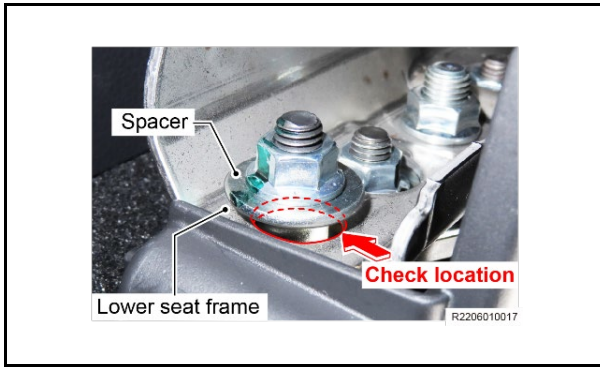
STOP DO NOT disengage the front seat lower cushion shield forcefully to avoid breakage.

- a) Detach the claw and move the front lower seat cushion shield in the direction of (1).
- b) Slide the front lower cushion shield in the direction of (2) and detach the guide.
- c) Hold the front seat cushion shield with protective tape.



5. PREPARE A LIGHT

- a) Set a light under the front passenger seat.



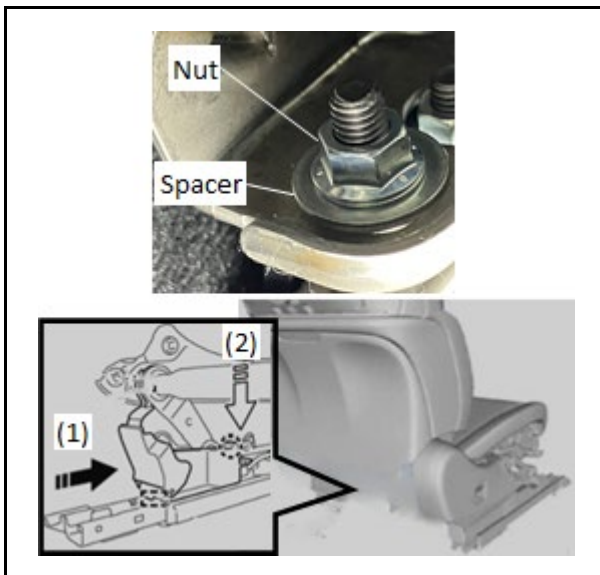
6. CHECK THE REAR OCS INSTALLED POSITION FOR INTERFERENCE OF THE LOWER SEAT FRAME AND SPACER

- a) Check if the light from under the seat can be seen all around the stopper.

HINT:

- If there is **NO** interference between the lower seat frame and the spacer, the light can be seen all around. If there **IS** interference, the light cannot be seen.
- If you are unsure of the inspection results, go to section VII. ADJUST INNER SEAT RAIL.

Interference of spacer		Result	Action
<p align="center">NO Interference</p>		<p align="center">OK</p>	<p>Go to <u>step 7</u>.</p>
<p align="center">Interference Exists</p>		<p align="center">NG</p>	<p>Inner seat rail adjustment is required. Go to VII. ADJUST INNER SEAT RAIL</p>

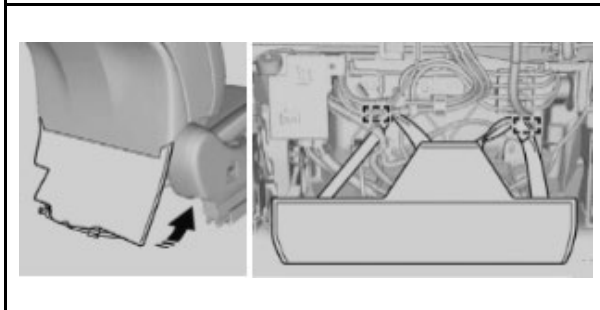


7. REINSTALL FRONT SEAT LOWER CUSHION SHIELD



DO NOT engage the front seat lower cushion shield forcefully to avoid breakage.

- a) Slide the front lower cushion shield in the direction of (2) and attach the guide.
 b) Move the front lower seat cushion shield in the direction of (2) and attach the claw.



8. ATTACH FRONT SEAT BOARD SUB-ASSEMBLY

- a) Insert the front seatback board sub-assembly in the direction of the arrow shown in the illustration.
 b) Attach the hooks and connect the rubber band of the front seatback board sub-assembly.

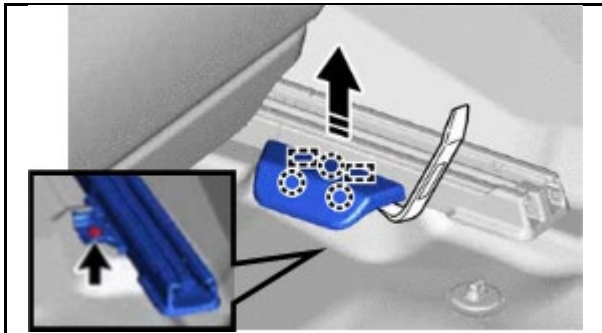
9. RESTORE FRONT PASSENGER SEAT POSITION

10. CAMPAIGN COMPLETE

VII. ADJUST INNER SEAT RAIL

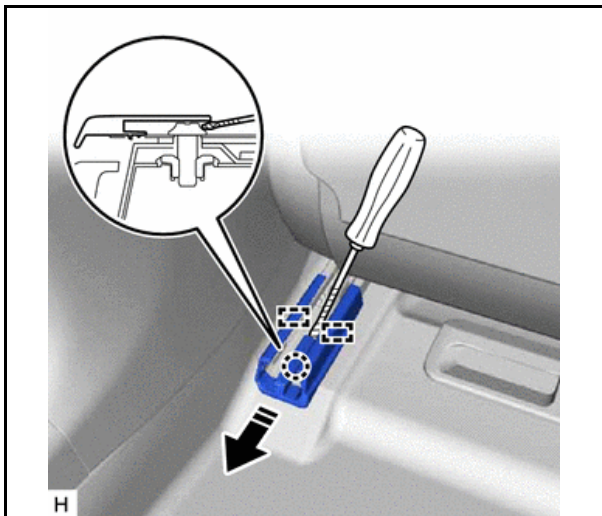
NOTICE:

Perform this procedure only when interference is found in the previous section.



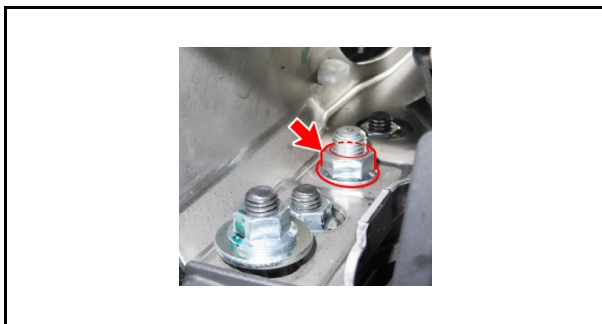
1. LOOSEN FRONT SIDE BOLT OF FRONT PASSENGER SEAT INNER SEAT RAIL

- Using a molding remover, detach the claws.
- Pull in the removal direction shown in the illustration, detach the guides, and remove the front seat leg cover.
- Use a T50 "TORX" socket wrench to loosen the front side bolt of the inner seat rail.



2. LOOSEN REAR SIDE BOLT OF FRONT PASSENGER SEAT INNER SEAT RAIL

- Operate the slide and vertical power seat switch knob and move the passenger seat assembly to the frontmost position.
- Using a thin-bladed screwdriver with its tip wrapped in protective tape, detach the claw.
- Using a T50 "TORX" socket wrench, loosen the rear side bolt of the inner seat rail.



3. LOOSEN REAR OCS SENSOR NUT

STOP DO NOT loosen any other nuts than the one instructed.

- Loosen the rear OCS sensor nut of the location shown in the illustration.

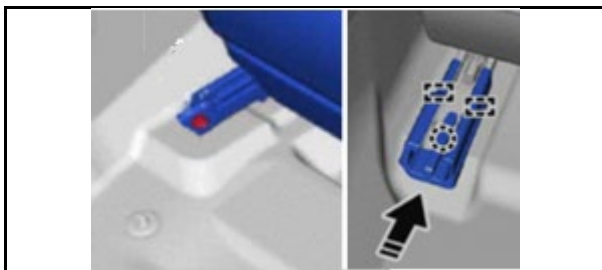
HINT:

The width across the flats of the nut is 14mm.



4. ADJUST INNER SEAT RAIL

- Move the inner seat rail towards the direction of the arrows to remove the interference at the stopper.



- While keeping clearance around the stopper, tighten the rear side bolt of the inner seat rail using a T50 "TORX" socket wrench.

Torque: 37 N*m (377 kgf*cm, 27 ft.*lbf)



5. TIGHTEN THE REAR OCS SENSOR NUT

- a) Tighten the rear OCS sensor nut.

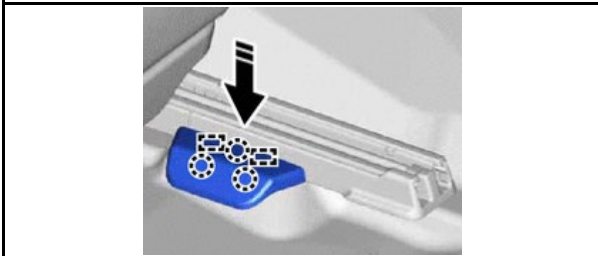
Torque: 37 N*m (377 kgf*cm, 27 ft.*lbf)



6. TIGHTEN FRONT SIDE BOLT OF FRONT PASSENGER SEAT INNER SEAT RAIL

- a) Operate the slide and vertical power seat switch knob and move the passenger seat assembly to the rearmost position.
- b) Using a T50 "TORX" socket wrench, tighten the front side bolt of the inner seat rail.

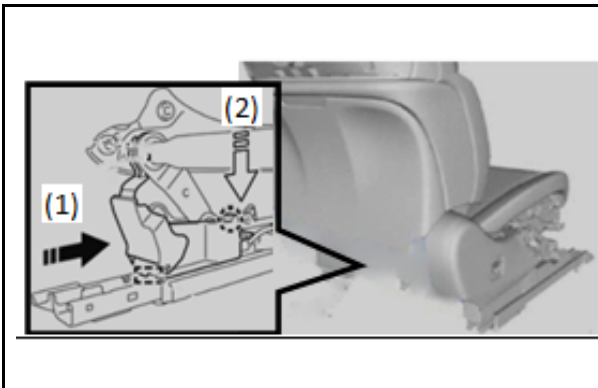
Torque: 37 N*m (377 kgf*cm, 27 ft.*lbf)



- c) Push in the installation direction shown in the illustration and insert the guide.
- d) Attach the claw and install the front seat leg cover.

7. RE-CHECK THE REAR OCS INSTALLED POSITION FOR INTERFERENCE OF LOWER SEAT FRAME AND SPACER

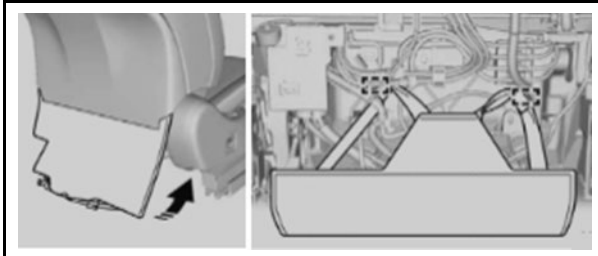
- a) Reference section: [VI. CHECK THE REAR OCS INSTALLED POSITION FOR INTERFERENCE OF THE LOWER SEAT FRAME AND SPACER](#)



8. REINSTALL FRONT SEAT LOWER CUSHION SHIELD

STOP DO NOT engage the front seat lower cushion shield forcefully to avoid breakage.

- a) Slide the front lower cushion shield in the direction of (2) and attach the guide.
- b) Move the front lower seat cushion shield in the direction of (2) and attach the claw.



9. ATTACH FRONT SEAT BOARD SUB-ASSEMBLY

- a) Insert the front seatback board sub-assembly in the direction of the arrow shown in the illustration.
- b) Attach the hooks and connect the rubber band of the front seatback board sub-assembly.

10. RESTORE FRONT PASSENGER SEAT POSITION

VIII. ZERO POINT CALIBRATION

1. PERFORM ZERO POINT CALIBRATION

Refer to Repair Manual for instructions on Vehicle Interior / SUPPLEMENTAL RESTRAINT SYSTEMS / OCCUPANT CLASSIFICATION SYSTEM / INITIALIZATION

<p><u>2018-2020 LS500h</u> <u>SUPPLEMENTAL RESTRAINT SYSTEMS:</u> <u>OCCUPANT CLASSIFICATION SYSTEM:</u> <u>INITIALIZATION; 2018 - 2023 MY LS500H</u> <u>[10/2017 - 10/2023]</u></p>	<p><u>2018-2021 LS500</u> <u>SUPPLEMENTAL RESTRAINT SYSTEMS:</u> <u>OCCUPANT CLASSIFICATION SYSTEM:</u> <u>INITIALIZATION; 2018 - 2023 MY LS500</u> <u>[12/2017 - 10/2023]</u></p>
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◀ VERIFY REPAIR QUALITY ▶

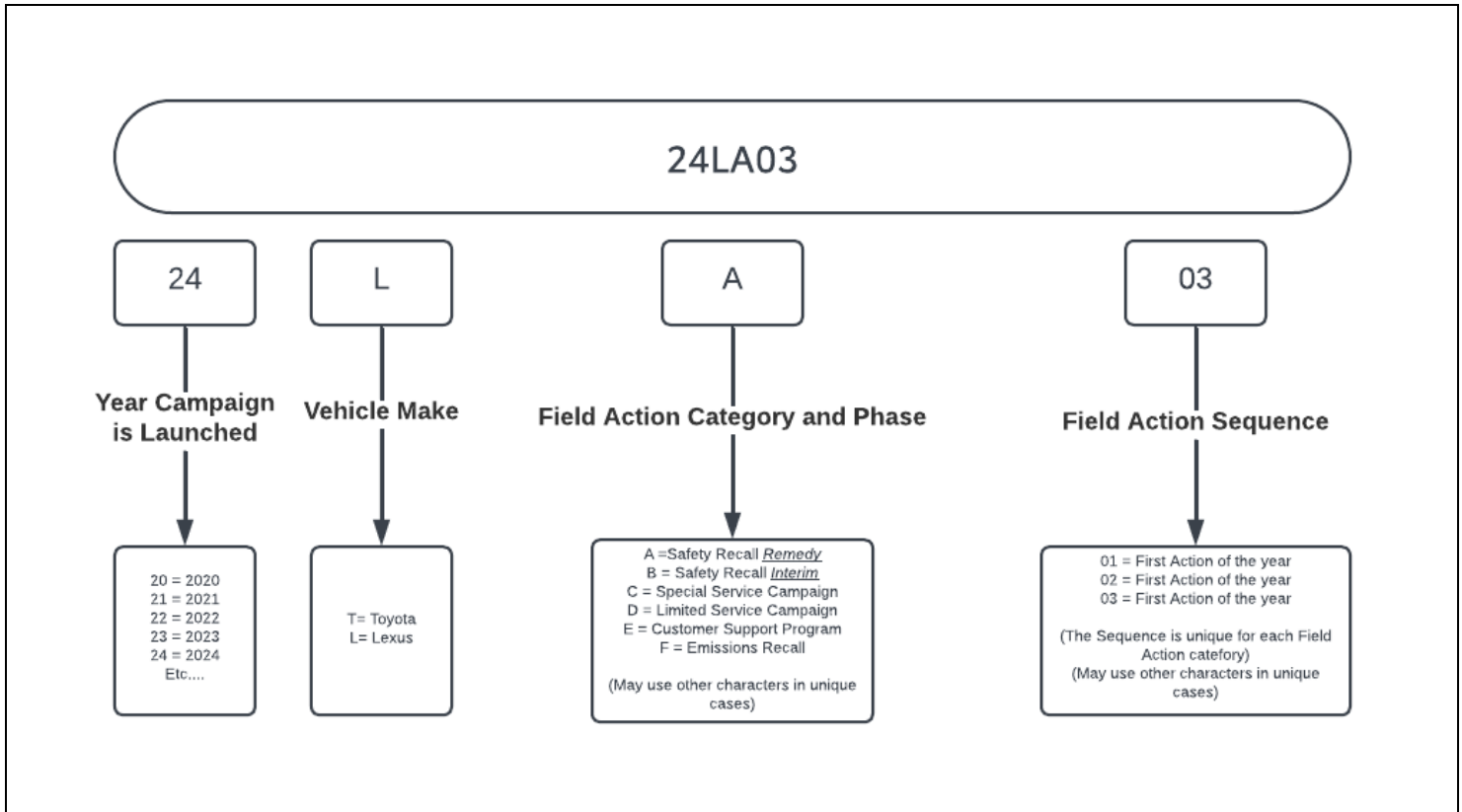
- Confirm all bolts are properly torqued.
- Confirm seat cushion shield is installed correctly.
- Confirm no DTCs are present after repair.

IX. 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



Examples:

19LA01 = Launched in 2019, Lexus, Safety Recall Remedy Phase, 1st Safety Recall Launched in 2019

20LC02 = Launched in 2020, Special Service Campaign, 2nd Special Service Campaign Launched in 2020

21LE05 = Launched in 2021, Customer Support Program, 5th Customer Support Program Launched in 2021