



March 11, 2015

To: General Managers

From: Don Fordiani, National Field and Dealer Operations Manager

Subject: Limited Service Campaign (LSC) FLA
Certain 2013 Model Year GS 350 and GS 450h Vehicles
Front Passenger Supplemental Restraint System

In our continuing efforts to ensure the best in customer satisfaction, Lexus is launching a Limited Service Campaign (LSC) for certain 2013 model year GS 350 and GS 450h vehicles.

Background

The front passenger seat assembly is equipped with sensors for the occupant classification system which are used to control the operation of supplemental restraint systems (SRS), including the front passenger airbag. The sensors classify the weight of the occupant and activate or deactivate the front passenger airbag accordingly. Additionally, the sensors are used to detect certain vehicle collisions. Due to the current collision detection thresholds, the system may interpret certain occupant seating usages or road conditions as a rear collision and illuminate the Airbag Warning light and "AIR BAG OFF" indicator, disabling the front passenger air bag.

Additional information may be found in the attached dealer letter, Lexus Q&A and customer notification letter.

Limited Service Campaign (LSC) Remedy

Authorized Lexus dealers are requested to replace the front passenger Lower Seat Frame Assembly. Additionally, depending on vehicle production date, in some cases dealers will also replace the Occupant Classification System ECU. Lexus dealers will perform the repair at **NO COST** to vehicle owners.

This LSC will be available *until December 31, 2017* and will only be available at an authorized Lexus dealer.

Dealer and Owner Notification Dates

Lexus dealers will be notified via e-mail on Thursday, March 12, 2015.

The owner notification will begin in mid-March, 2015, approximately one week after the dealer notification.

Lexus makes significant effort to obtain current customer name and address information from each state through industry resources when mailing owner letters. In the event your dealership receives a notice for a vehicle that was sold prior to the LSC extension announcement, it is their responsibility to forward the owner letter to the customer who purchased the vehicle.

Please note that only owners of covered vehicles will be notified. If your dealerships are contacted by owners who have not yet received a notification, please remind your dealers to **verify eligibility by confirming through TIS prior to performing repairs**. Dealers should perform the repair as outlined in the Technical Instructions found on TIS.

Number and Identification of Affected Vehicles

There are approximately 24,400 vehicles covered by this Limited Service Campaign.

Model	Model Year	Production Period	Number of Vehicles (Approximate)
GS 350	2013	Mid-July, 2011 through Mid-October, 2012	23,500
GS 450h	2013	Early October, 2011 through early October, 2012	900

Media Contacts

It is imperative that all media contacts (local and national) receive a consistent message. In this regard, all media contacts must be directed to Cindy Knight (310) 468-2170 in Toyota Corporate Communications. (Please do not provide this number to customers. Please provide this contact to only media associates.)

Customer Handling

A Q&A is attached to assist you in responding to any questions or customer concerns. If a customer has any further questions they are requested to contact the Lexus Customer Assistance Center at 1-800-255-3987 Monday through Friday, 5:00 am to 6:00 pm PST, or Saturday, 7:00 am to 4:00 pm PST.

Thank you for your on-going support.

Attachment

CC: Assistant Area General Managers
Customer Satisfaction Managers District Technical Managers
Customer Services Field Managers Field Product Engineers
Customer Services Operations Managers Vehicle Field Sales Managers
District Service and Parts Managers
District Technical Managers
Field Product Engineers
Pre-Owned Managers
Vehicle Field Sales Managers



March 12, 2015

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Certain 2013 Model Year GS 350 and GS 450h Vehicles
Front Passenger Supplemental Restraint System

Dear Dealer Principal:

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Please note that only owners of covered vehicles will be notified. If your dealership is contacted by owners who have not yet received a notification, please **verify eligibility by confirming through TIS prior to performing repairs**. Dealers should perform the repair as outlined in the Technical Instructions found on TIS.

Used Vehicles in Dealership Inventory (In-stock Vehicles)

To ensure customer satisfaction, Lexus requests that dealers conduct the LSC remedy on any used vehicles currently in dealer inventory that are covered by this LSC prior to customer delivery.

Number and Identification of Affected Vehicles

There are approximately 24,400 vehicles covered by this Limited Service Campaign.

Model	Model Year	Production Period	Number of Vehicles (Approximate)
GS 350	2013	Mid-July, 2011 through Mid-October, 2012	23,500
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Parts Availability and Ordering

Orders can be placed through the dealership's facing PDC. The parts have been placed on DDMAX and will be systematically released based on dealer ordering criteria. Lexus reminds dealers not to order parts without checking part requirement by vehicle in the website below.

The parts necessary to complete this LSC vary by model and model production dates, please log in to the following website and populate the VIN you are currently servicing for the appropriate remedy and necessary parts.

<http://lexus-ocs.imagespm.info/>

Default Password: xxxxx

Technician Training Requirements

The repair quality of covered vehicles is extremely important to Lexus. All dealership associates involved in the recall process are required to successfully complete E-Learning course LSC13A. To ensure that all vehicles have the repair performed correctly, technicians performing this LSC repair are required to currently hold at least one of the following certification levels:

- Senior or Master Technician with L652 completion
- Senior or Master Diagnostic Specialist

It is the dealership's responsibility to select technicians with the above certification level or greater to perform this LSC 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.

Remedy Procedures

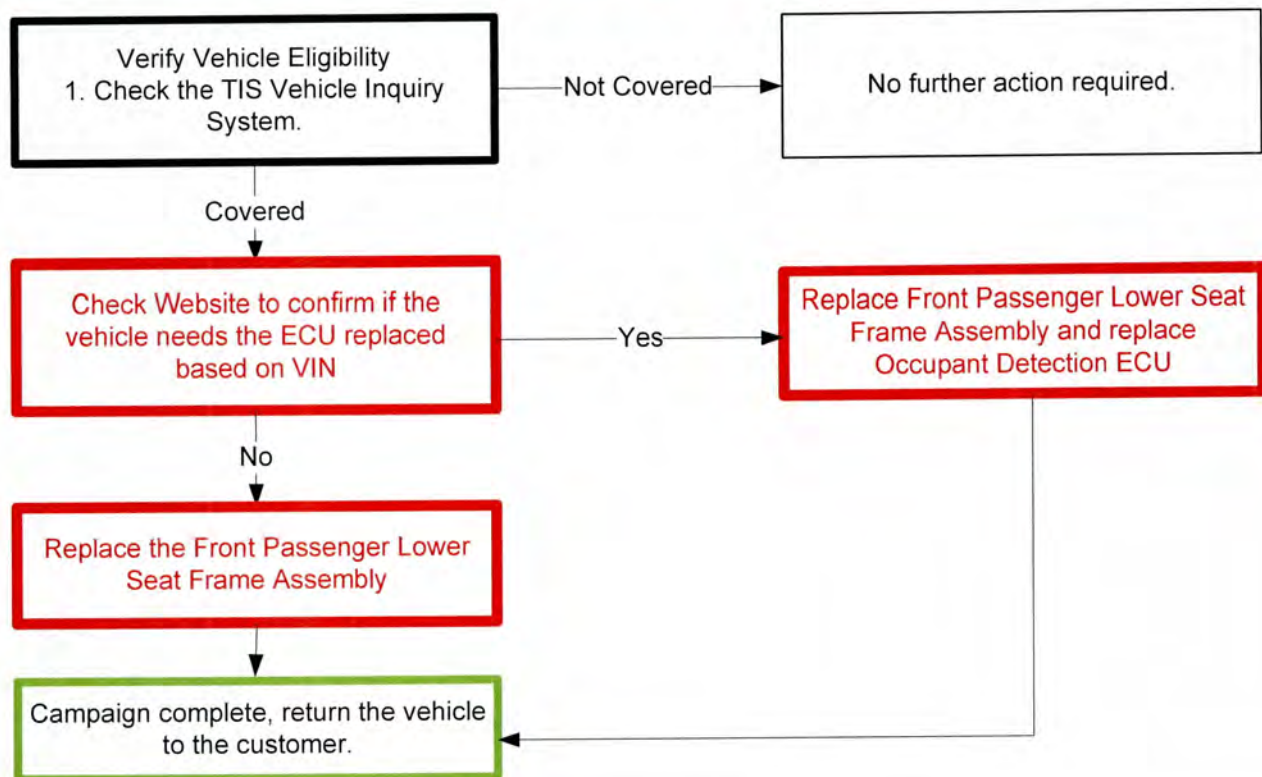
Please refer to TIS for technical instructions.

Conduct all applicable, non-completed Safety Recall and Service Campaigns on the vehicle during the time of appointment.

Warranty Reimbursement Procedures

2013 Model Year GS350 and GS450h Vehicles

The flow chart is for reference only. DO NOT use it in place of the full technical instructions. Follow ALL steps as outlined in the full technical instructions to confirm the campaign is completed correctly.



Dealers are required to submit LSC claims using the information described below.

LSC	Model	Seat Configuration	Op. Code	Description	Labor Hours*
FLA	GS350 and GS450h	10 Way w/o Climate Control	AGGE5L	Replace the Front Passenger Lower Seat Frame Assembly and Perform OCS initialization (If necessary also replace the OCS ECU)	3.3 hr/vehicle
		10 Way With Climate Control Seat	AGGE5M		3.5 hr/vehicle
		18 Way Luxury Seat	AGGE5N		3.6 hr/vehicle

*NOTE: The flat rate time includes 0.1 hour for campaign administrative cost per unit for the dealership.

Lexus' usual customer care amenities of car wash and fuel fill-up apply to this LSC. Additionally, one day of rental vehicle expense (to a maximum of \$45) or the cost of pick-up and delivery of the customer's car may be claimed if required and subject to the guidelines published in the Special Service Campaign and Limited Service Campaign General Procedures document on TIS.

Repair Quality Confirmation

The repair quality of covered vehicles is extremely important to Lexus. To help ensure that all vehicles have the repair performed correctly, please designate at least one associate (someone other than the individual who performed the repair) to verify the repair quality of every vehicle prior to customer delivery.

Media Contacts

It is imperative that all media contacts (local and national) receive a consistent message. In this regard, all media contacts must be directed to Cindy Knight (310) 468-2170 in Toyota Corporate Communications. (Please do not provide this number to customers. Please provide this contact to only media associates.)

Customer Handling

A Q&A is attached to assist you in responding to any questions or customer concerns. If a customer has any further questions they are requested to contact the Lexus Customer Assistance Center at 1-800-255-3987 Monday through Friday, 5:00 am to 6:00 pm PST, or Saturday, 7:00 am to 4:00 pm PST.

Thank you for your on-going support.

Lexus, a Division of Toyota Motor Sales, USA, Inc.

Attachment

CC: Customer Satisfaction Manager
General Manager
Parts Manager
Pre-owned Manager
Service Manager
Warranty Administrator



Limited Service Campaign FLA
Certain 2013 GS 350 and GS 450h Vehicles
Front Passenger Supplemental Restraint System - FAQ

Q1: What is the condition?

A1: The front passenger seat assembly is equipped with sensors for the occupant classification system which are used to control the operation of supplemental restraint systems (SRS), including the front passenger airbag. The sensors classify the weight of the occupant and activate or deactivate the front passenger airbag accordingly. Additionally, the sensors are used to detect certain vehicle collisions. Due to the current collision detection thresholds, the system may interpret certain occupant seating usages or road conditions as a rear collision and illuminate the Airbag Warning Light and "AIR BAG OFF" indicator, disabling the front passenger air bag.

Q1a: What is the Occupant Classification System (OCS)?

A1a: This system detects the conditions of a front passenger seat and activates or deactivates the SRS devices, including the air bag, for the front passenger as appropriate.

Q2: What is Lexus going to do?

A2: Lexus dealers will perform the remedy at no charge to vehicle owners. The remedy will involve replacing the front passenger lower seat frame assembly. Additionally, depending on vehicle production date, in some cases dealers will also replace the Occupant Classification System ECU.

Q2a: How does Lexus obtain my mailing information?

A2a: Lexus uses an industry provider who works with each state's Department of Motor Vehicles (DMV) to receive registration or title information based upon the DMV records. Please make sure your registration or title information is correct.

Q2b: Do I need my owner letter to have the remedy performed?

A2b: No, you do not need an owner letter to have this SSC completed; however, to assist the dealer in confirming vehicle eligibility, we request that you present the owner notification at the time of your service appointment.

Q3: Which and how many vehicles are covered by this Limited Service Campaign?

A3: There are approximately 24,400 vehicles covered by this Limited Service Campaign in the U.S.

Model	Model Year	Production Period	Approximate # of Vehicles
GS 350	Certain 2013	Mid-July, 2011 through Mid-October, 2012	23,500
GS 450h	Certain 2013	Early October, 2011 through Early October, 2012	900

Q3a: Are there any other Toyota/Scion vehicles covered by this Limited Service Campaign?

A3a: Yes, this condition also affects certain 2013 Toyota Avalon, 2013 Toyota Avalon Hybrid, 2012 -2013 Toyota Camry, 2012 - 2013 Toyota Camry Hybrid, 2012 - 2013 Toyota Prius C, and 2012 - 2013 Toyota Yaris.

Q4: When will this Limited Service Campaign expire?

A4: This Limited Service Campaign will be available until December 31, 2017.

Q5: How long will the repair take?

A5: The repair will take approximately 4 hours. However, depending upon the dealer's work schedule, it may be necessary to make the vehicle available for a longer period of time.

Q6: What if I previously paid for repairs to address this condition?

A6: Please refer to the owner letter for reimbursement consideration instructions.

Q7: What if I have additional questions or concerns?

A7: If you have additional questions or concerns, please contact the Lexus Customer Assistance Center at 1-800-255-3987 Monday through Friday, 5:00 am to 6:00 pm, or Saturday 7:00 am to 4:00 pm Pacific Time.

Certain 2013 Model Year GS350 and GS450h Vehicles
Front Passenger Supplemental Restraint System
LIMITED TIME OFFER

[VIN]

Dear Lexus Owner:

At Lexus, we are dedicated to providing vehicles of outstanding quality and value. As part of our continuing efforts to provide superior customer satisfaction, Lexus is announcing a Limited Service Campaign, which includes your vehicle.

What is the condition?

The front passenger seat assembly is equipped with sensors for the occupant classification system which are used to control the operation of supplemental restraint systems (SRS), including the front passenger airbag. The sensors classify the weight of the occupant and activate or deactivate the front passenger airbag accordingly. Additionally, the sensors are used to detect certain vehicle collisions. Due to the current collision detection thresholds, the system may interpret certain occupant seating usages or road conditions as a rear collision and illuminate the Airbag Warning Light and "AIR BAG OFF" indicator, disabling the front passenger air bag.

What is included in the Limited Service Campaign?

Before you are inconvenienced by this condition, any authorized Lexus dealer will perform the remedy at **NO CHARGE** to you for a limited time. The remedy will involve replacing the front passenger lower seat frame assembly. Additionally, depending on vehicle production date, in some cases dealers will also replace the Occupant Classification System ECU.

This Limited Service Campaign will remain available until December 31, 2017, and will only be available at an authorized Lexus dealer.

This offer is limited to your specific vehicle whose Vehicle Identification Number (VIN) is printed at the beginning of this letter and is subject to the same conditions set forth in the New Vehicle Limited Warranty section of your Owner's Manual Supplement or Owner's Warranty Information booklet. For additional information, please refer to the booklet.

How do you take advantage of this Limited Service Campaign?

Please contact your authorized Lexus dealer to make an appointment to have the remedy performed before **December 31, 2017**. The repair will take approximately 4 hours. However, depending upon the dealer's work schedule, it may be necessary to make your vehicle available for a longer period of time.

If your vehicle is covered by this Limited Service Campaign, you do not need this owner letter to have the campaign completed; however, to assist the dealer in confirming vehicle eligibility, we request that you present this notice at the time of your service appointment.

If you would like to update your vehicle ownership or contact information, please go to www.lexus.com/ownersupdate. You will need your full 17-digit Vehicle Identification Number (VIN) to input the new information.

What if you have other questions?

- Your local Lexus dealer will be more than happy to answer any of your questions and set up an appointment to perform the repair.
- You can find additional information and locate a Lexus dealer in your area by going online and visiting www.lexus.com/recall.
- If you require further assistance, you may contact the Lexus Customer Assistance Center at 1-800-255-3987 Monday through Friday, 5:00 am to 6:00 pm, Saturday 7:00 am through 4:00 pm Pacific Time.

What if you have previously paid for repairs to your vehicle for this specific condition?

If you have previously paid for repair to your vehicle for this specific condition prior to receiving this letter, please mail a copy of your repair order, proof-of-payment and proof-of-ownership to the following address for reimbursement consideration:

Lexus, a Division of Toyota Motor Sales, U.S.A., Inc
Lexus Customer Assistance Center L201
19001 South Western Avenue
Torrance, CA 90509

If you are a vehicle lessor, please assist us by forwarding this notice to the lessee.

We have sent this notice in the interest of your continued satisfaction with our products, and we sincerely regret any inconvenience this condition may have caused you.

Thank you for driving a Lexus.

Sincerely,

LEXUS, A DIVISION OF TOYOTA MOTOR SALES, U.S.A., INC.

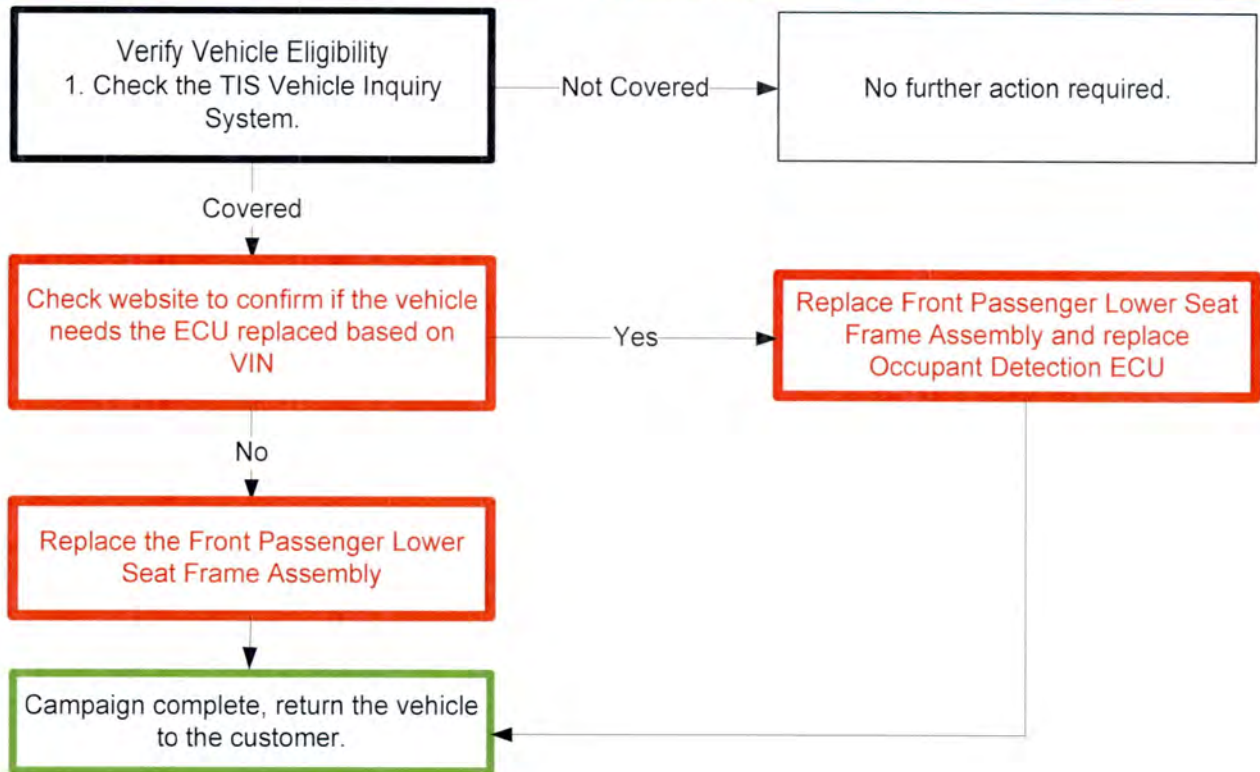
TECHNICAL INSTRUCTIONS
FOR
LIMITED SERVICE CAMPAIGN FLA
FRONT PASSENGER SUPPLEMENTAL RESTRAINT SYSTEM
CERTAIN 2013 MODEL YEAR GS350 AND GS450h

All dealership associates involved in the recall process are required to successfully complete E-Learning course LSC13A. To ensure that all vehicles have the repair performed correctly; technicians performing this recall repair are required to currently hold at least one of the following certifications levels:

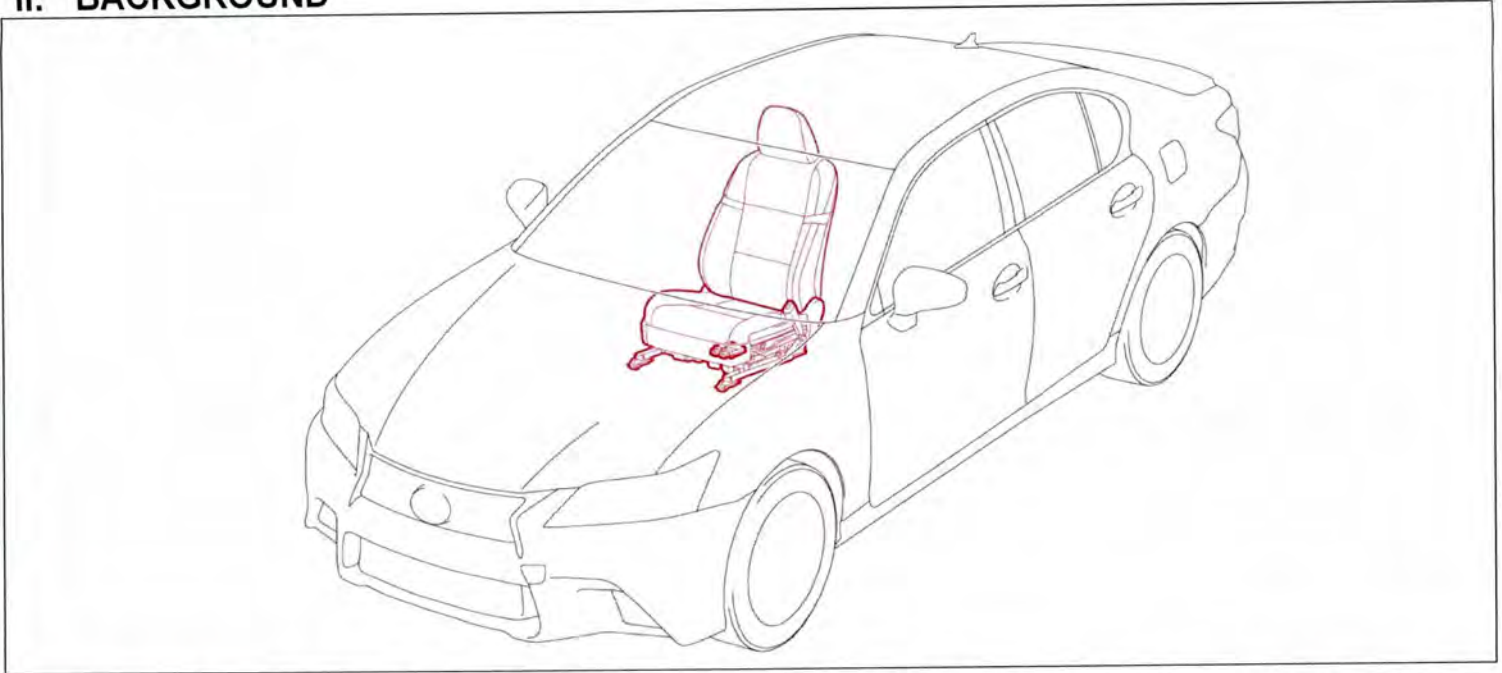
- Senior or Master Technician with L652 Completion
- Senior or Master Diagnostic Technician

I. OPERATION FLOW CHART

The flow chart is for reference only. **DO NOT** use it in place of the full technical instructions. Follow **ALL** steps as outlined in the full technical instructions to confirm the campaign is completed correctly.



II. BACKGROUND



The front passenger seat assembly is equipped with sensors for the occupant classification system which are used to control the operation of supplemental restraint systems (SRS), including the front passenger airbag. The sensors classify the weight of the occupant and activate or deactivate the front passenger airbag accordingly. Additionally, the sensors are used to detect certain vehicle collisions. Due to the current collision detection thresholds, the system may interpret certain occupant seating usages or road conditions as a rear collision and illuminate the Airbag Warning light and "AIR BAG OFF" indicator, disabling the front passenger air bag.

III. IDENTIFICATION OF AFFECTED VEHICLES

A. COVERED VIN RANGE

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

IV. PREPARATION

A. PARTS

Part Number	Part Description	Quantity
04004-60130	Front Seat Cushion Spring Assembly (10Way, 2WD)	1
04004-60230	Front Seat Cushion Spring Assembly (10Way, 4WD)	1
04004-60330	Front Seat Cushion Spring Assembly (18Way, 2WD)	1
04004-60430	Front Seat Cushion Spring Assembly (18Way, 4WD)	1
73214-75010	Front Seat Belt Anchor Plate Washer	1
71731-30120	Clip	2
90468-16019	Hog Ring (18Way Seat Only)	3

The ECU part number below are only required for specific VINs. Go to the website below to find each vehicles exact parts requirements:

<http://lexus-ocs.imagespm.info/>

Note: Upon initial login use your dealer code and the default password of "XXXXX"

Part Number	Part Description	Quantity
04004-61230	Occupant Detection ECU (10 Way)	Certain Vehicles Only
04004-61330	Occupant Detection ECU (18 Way)	Certain Vehicles Only

B. MATERIALS

- Protective Tape
- Protective Blanket
- Protective Gloves
- Marking Pen

C. TOOLS & EQUIPMENT

- Standard hand tools
- Torque wrench (in lbs)
- Molding Remover
- 6 mm Hexagon Wrench
- Hog Ring Pliers
- Techstream
- Clip Remover

SST-Dealers should have these tools in their SST Cabinets

V. SAFETY PRECAUTIONS

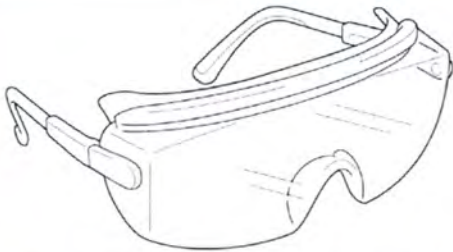
STOP

STOP

These cautions should be observed when performing this campaign.



1. WEAR PROTECTIVE GLOVES



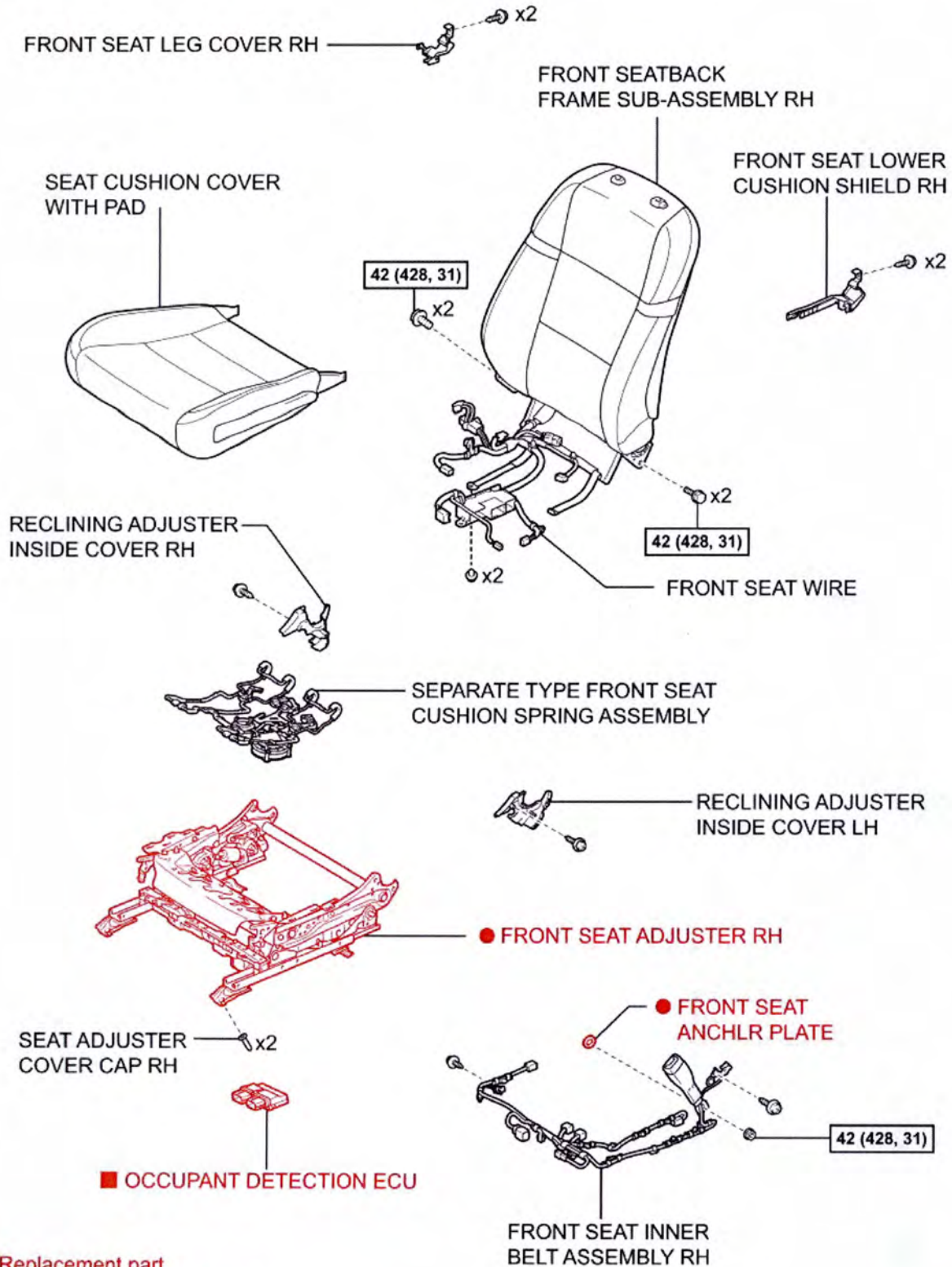
2. WEAR EYE PROTECTION

Wear protective glasses

S05071SH

VI. COMPONENTS

Standard Seat (10 Way Adjustable)



●:Replacement part

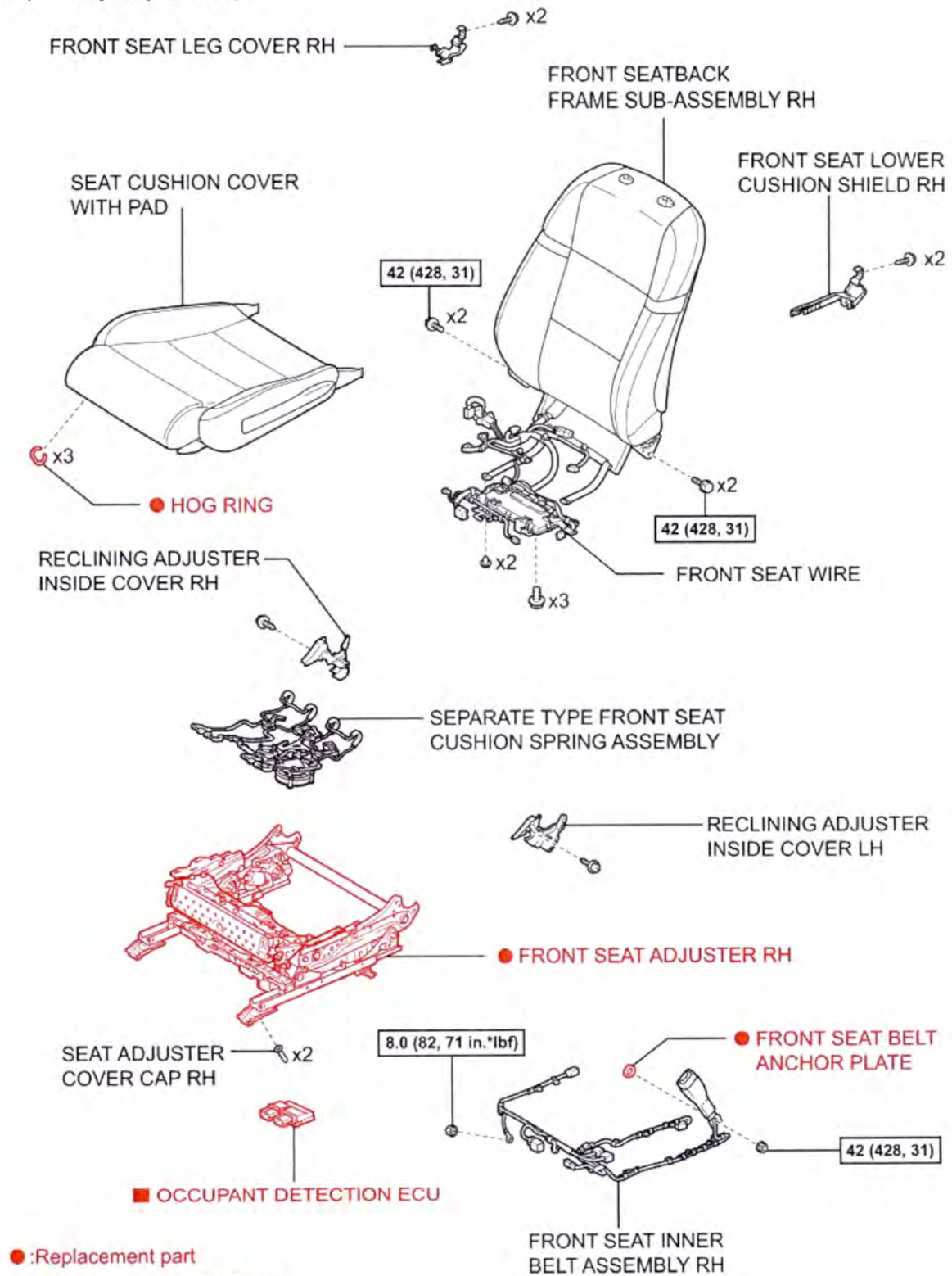
■:Replacement part if affected

N*m (kgf*cm, ft.*lbf) : Specified torque

R1408080114A

Components Continued

Luxury Seat (18 Way Adjustable)



●: Replacement part

■: Replacement part if affected

N*m (kgf*cm, ft.*lbf) : Specified torque

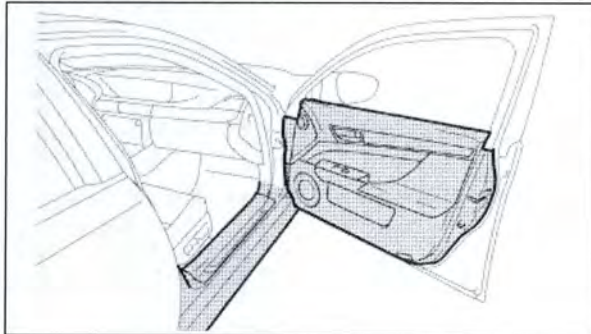
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VII. REPLACE RH FRONT SEAT ADJUSTER

A. VEHICLE CONDITION AND SETTING CHECK

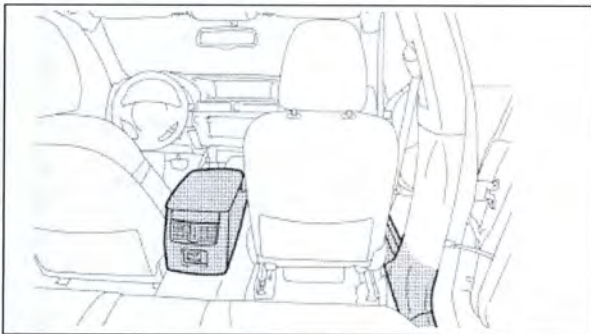
1. CHECK FOR DTCS TO CONFIRM VEHICLES ORIGINAL CONDITION
2. RECORD SETTINGS OF AUDIO SYSTEM, AIR CONDITIONING, ETC
3. RECORD THE POSITION OF THE FRONT PASSENGER SEAT

B. FRONT PASSENGER SEAT REMOVAL



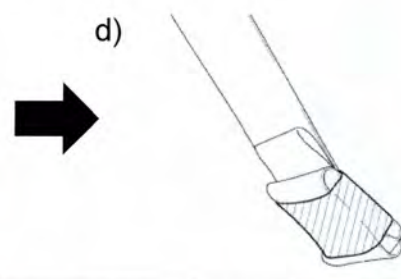
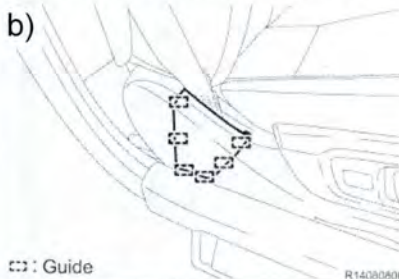
1. INSTALL PROTECTIVE COVERS AND TAPE TO THE VEHICLES INTERIOR

- a) Lower the passenger side window and place a protective blanket over the interior door panel
- b) Apply protective tape to the door sill trim and lower B-pillar garnish.
- c) Place a protective blanket over the console.
- d) Apply protective tape to the backside of the B-pillar garnish



2. REMOVE THE SEAT BELT FROM THE PASSENGER SEAT

- a) Remove the head rest from the seat back.
- b) Remove the passenger seat belt anchor cover cap.
- c) Remove the front passenger seat anchor nut and remove the seatbelt anchor.
- d) Apply protective tape as shown to the lower portion of the seat belt.



Guide

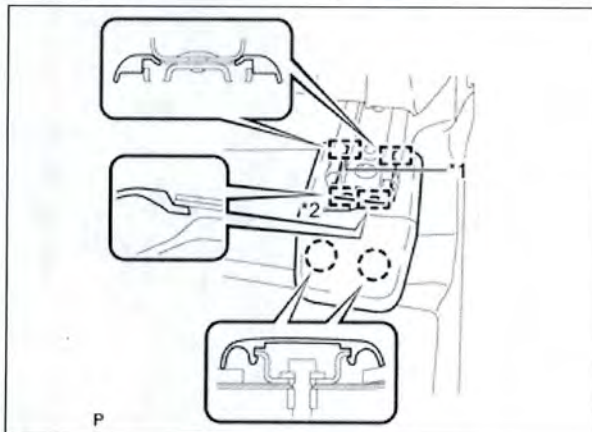
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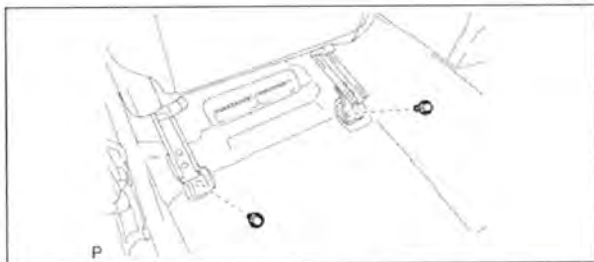
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3. REMOVE THE 4 SEAT TRACK COVERS

- a) Remove the front seat track covers.
- b) Move the seat forward to access the rear seat track covers.
- c) Remove the rear seat track covers.



P



4. REMOVE THE 4 SEAT TRACK BOLTS

- Remove the two passenger rear seat track bolts.
- Move the seat to the rear most position.
- Remove the front seat track bolts.

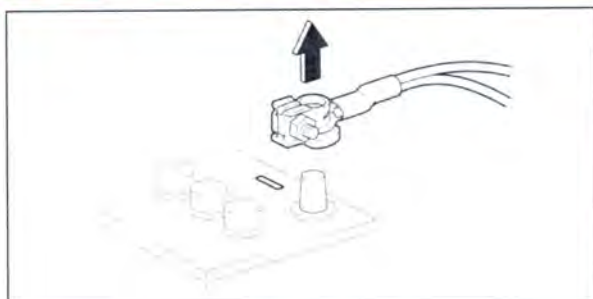
5. MOVE THE TO THE UP MOST POSITION WITH THE SEAT LIFTER FUNCTION

- Ensure the seat is in the rear most and most upward position.
- If the vehicle is equipped with a luxury 18 way seat ensure the knee bolster is in the most upward and extended position.

Note: Ensure the seat is also in the rear most position. This will make working on the seat outside the vehicle easier.



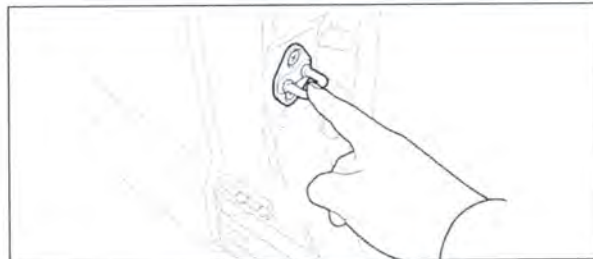
Ensure the passenger seat is lifted to the upmost and rearward position. This will make working on the seat outside the vehicle easier.



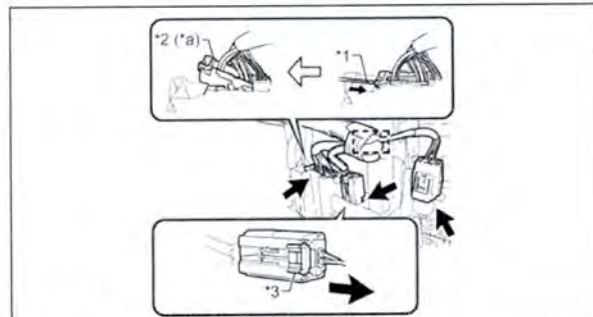
6. DISCONNECT THE BATTERY FROM THE NEGATIVE TERMINAL



Wait 90 seconds after disconnecting the battery to ensure no power is left in the SRS system. Failure to do this could result in in SRS system component deployment during disassembly.



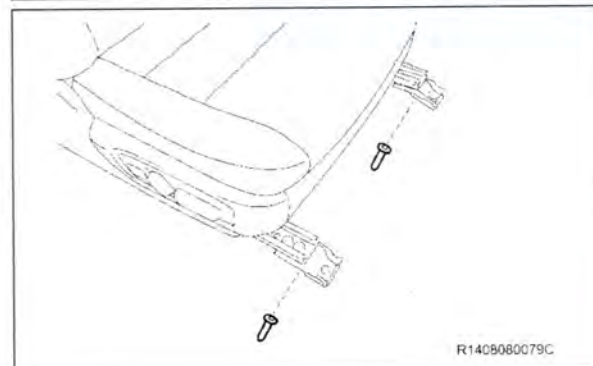
7. ELIMINATE STATIC ELECTRICITY BY TOUCHING A METALLIC PORTION OF THE VEHICLE



8. DISCONNECT THE PASSENGER SEAT ASSEMBLY CONNECTORS

- Tilt the passenger seat back carefully and disconnect all electrical connectors.

Note: The number of connectors will vary based on seat type.



9. REMOVE THE SEAT FROM THE VEHICLE

- Working with a partner, remove the seat from the vehicle and gently place it on the work bench.
- Remove the 2 front seat adjuster alignment pin covers.

Note: Check to ensure the alignment pin caps did not remain in the vehicle when removing the passenger seat assembly.



- Always work with a partner when removing the front passenger seat from the vehicle.**
- Always set the seat down gently, otherwise damage to the OCS sensors can occur.**

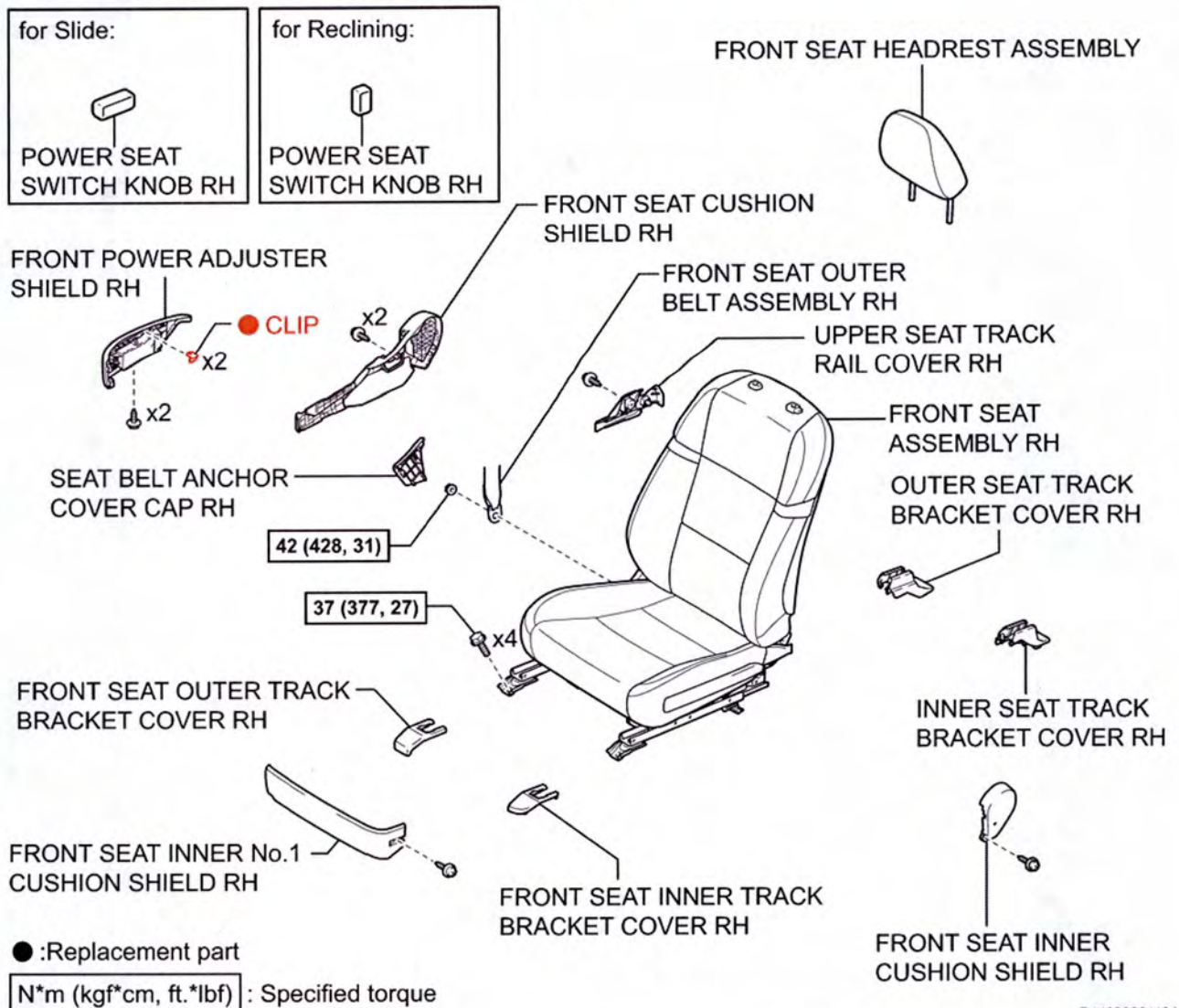
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Ensure you use the correct seat type disassembly instructions as the disassembly procedure varies due to seat differences.

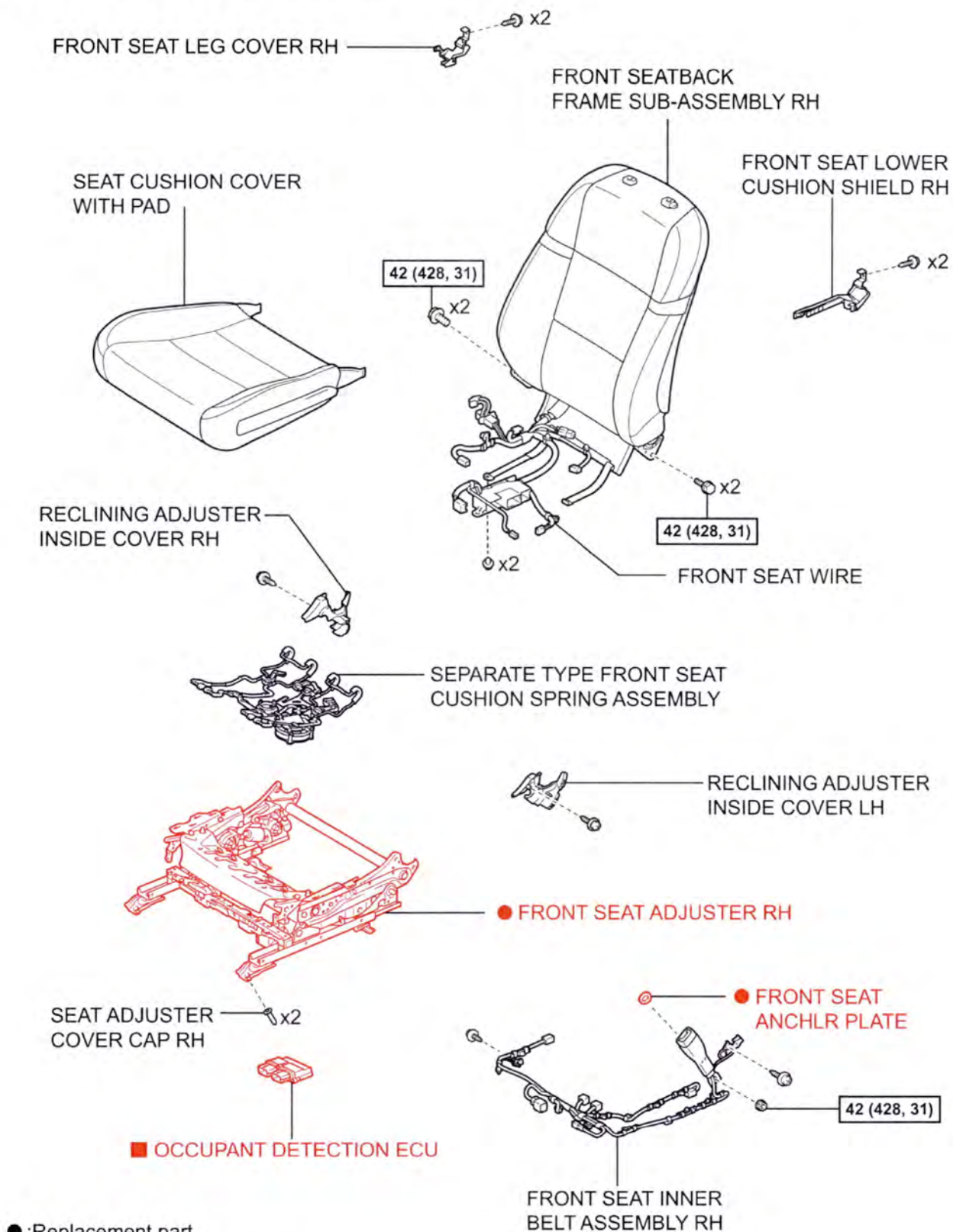
C. SEAT DISASSEMBLY FOR STANDARD SEAT (10 WAY)

STANDARD SEAT 10WAY SEAT COMPONENT OVERVIEW



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STANDARD SEAT 10WAY SEAT COMPONENT OVERVIEW

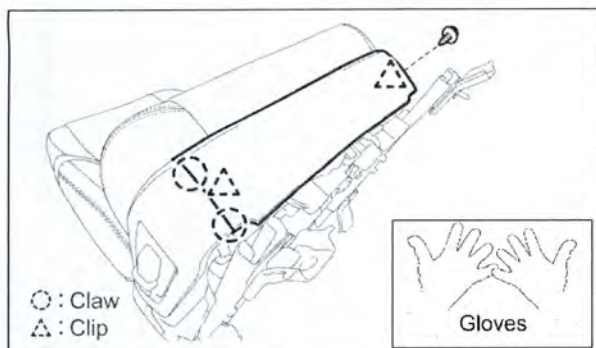


● :Replacement part

■ :Parts to replace if the subject

N*m (kgf*cm, ft.*lbf) : Specified torque

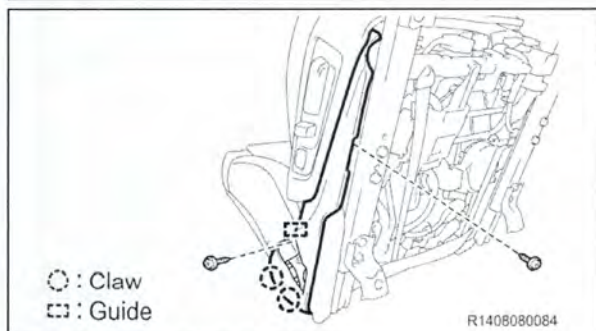
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1. REMOVE THE FRONT SEAT INNER No.1 CUSHION SHIELD RH

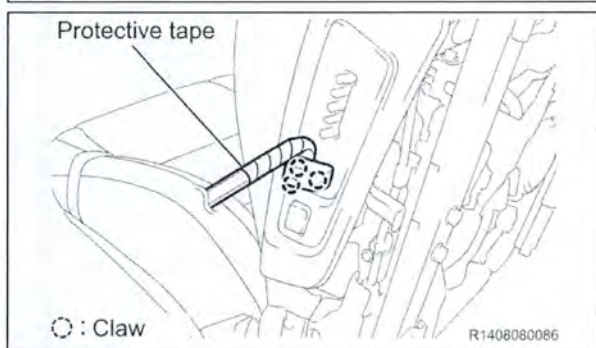
- a) Remove the screw.
- b) Disengage the two clips.
- c) Disengage the two claws and remove the front seat inner no.1 cushion seat shield RH.

Note: Always wear gloves to protect your hands.



2. REMOVE THE FRONT SEAT CUSHION SHIELD RH

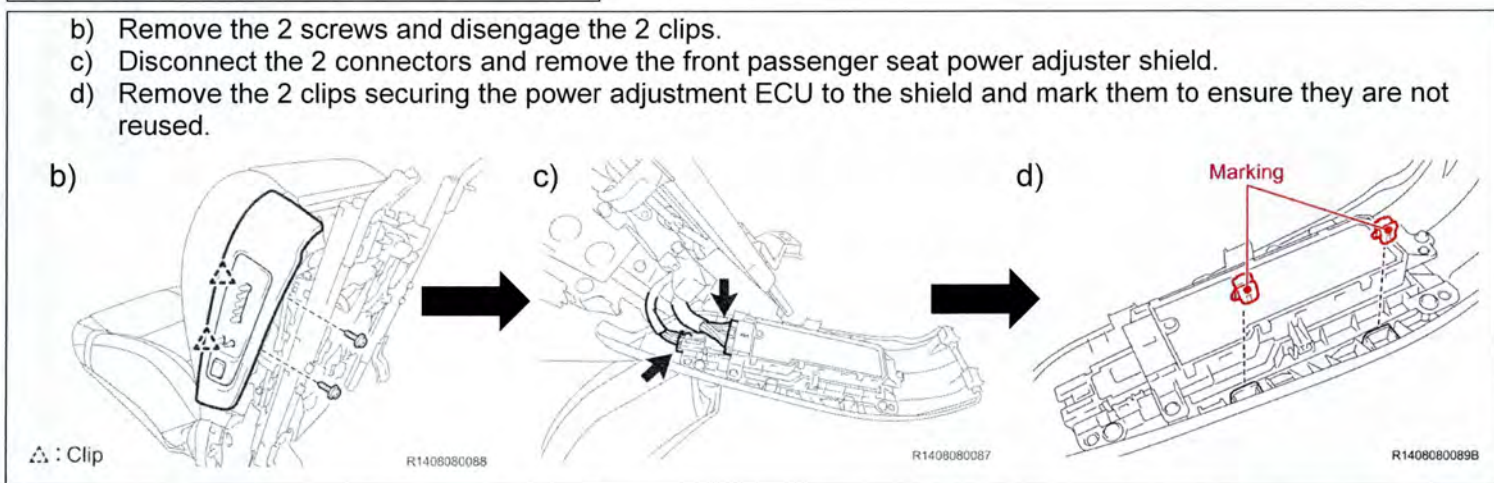
- a) Remove the 2 screws.
- b) Disengage the claws and guide, remove the front seat cushion shield right RH.



3. REMOVE THE FRONT POWER ADJUSTMENT SHIELD RH

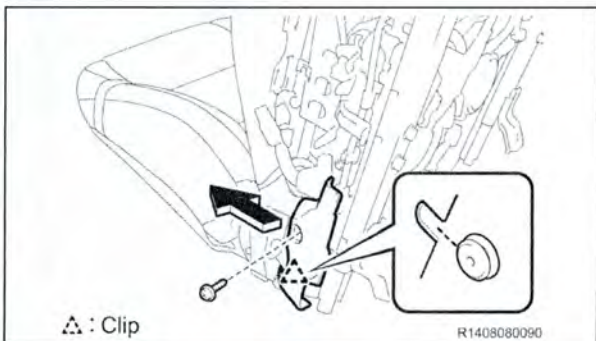
- a) Using a plastic molding remover tool, disengage the claws for the power seat adjustment switches.

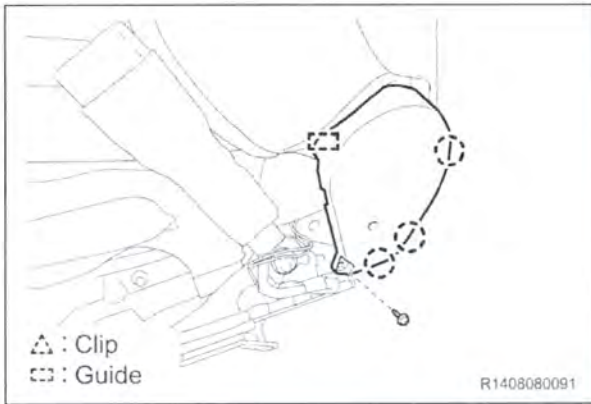
- Slide Control Knob (4 claws)
- Reclining Control Knob (3 claws)



4. REMOVE THE UPPER SEAT TRACK RAIL COVER

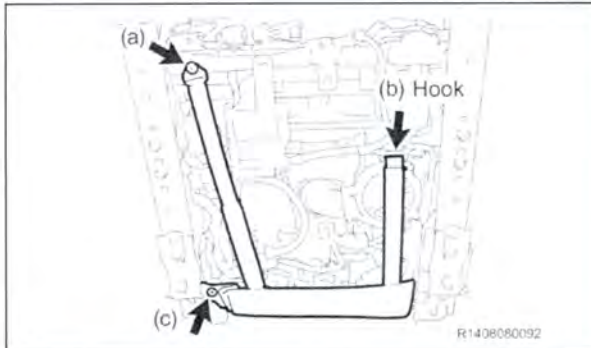
- a) Remove the screw.
- b) Slide the cover upwards toward the top of the seat cushion to release the clip from the cover.
- c) Remove the clip from the seat assembly and reinstall it on the cover.





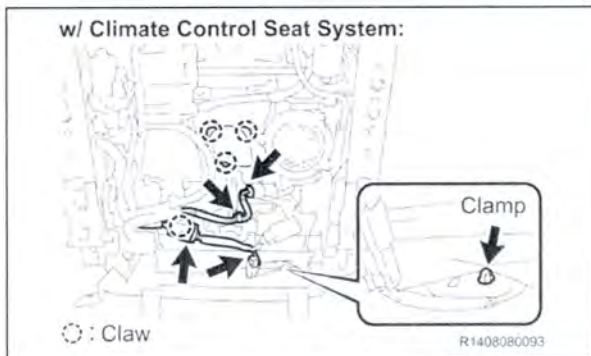
5. REMOVE THE INNER CUSHION SHIELD

- Remove the screw.
- Disengage the 3 claws and guide and then remove the inner shield.

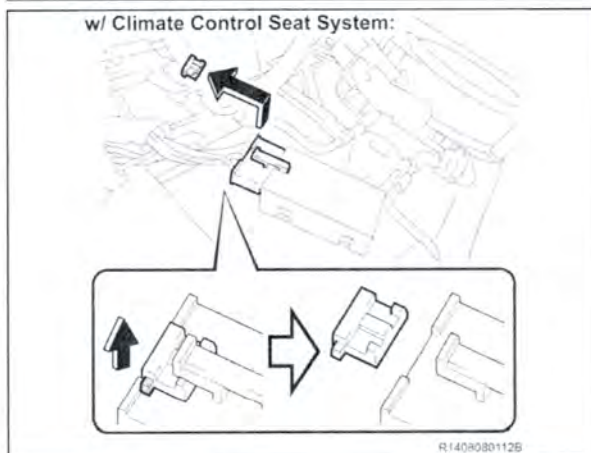


6. REMOVE SEAT CUSHION COVER AND SEAT CUSHION FOAM.

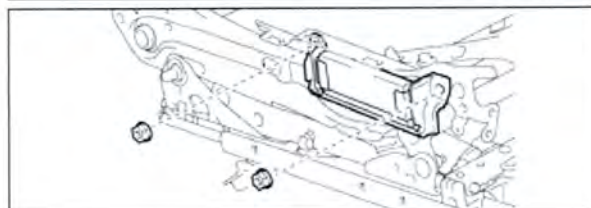
- Remove the clip and disconnect the rubber band.
- Disengage the hook and disconnect the rubber band.
- Remove the clip.



- For seats with Climate Control
 - Disengage the 3 claws.
 - Disconnect the 3 connectors and 2 clamps.
 - Using a pocket screw driver wrapped in tape, disengage the claw at the backside of the connector.

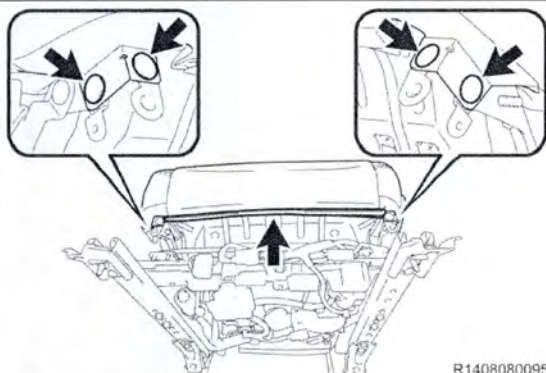
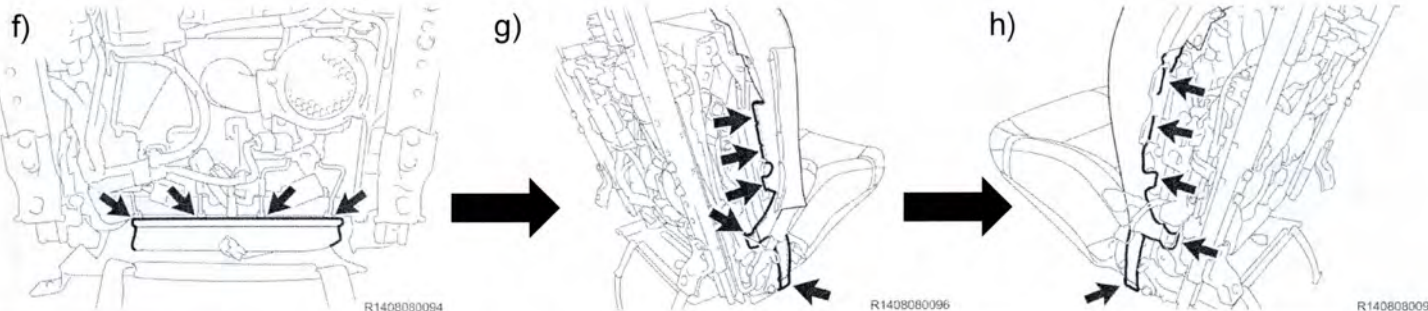


- Remove the connector lock from the seat heater control sub-assembly and remove the connector.



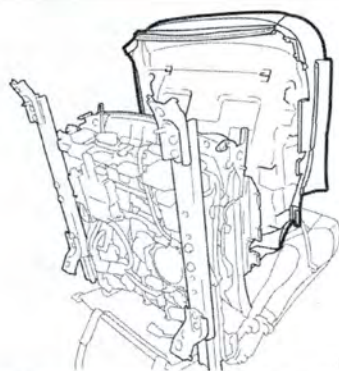
- Remove the seat cushion spring damper.

- f) Disengage the 4 hooks.
- g) Disengage the 5 hooks.
- h) Disengage the 5 hooks.



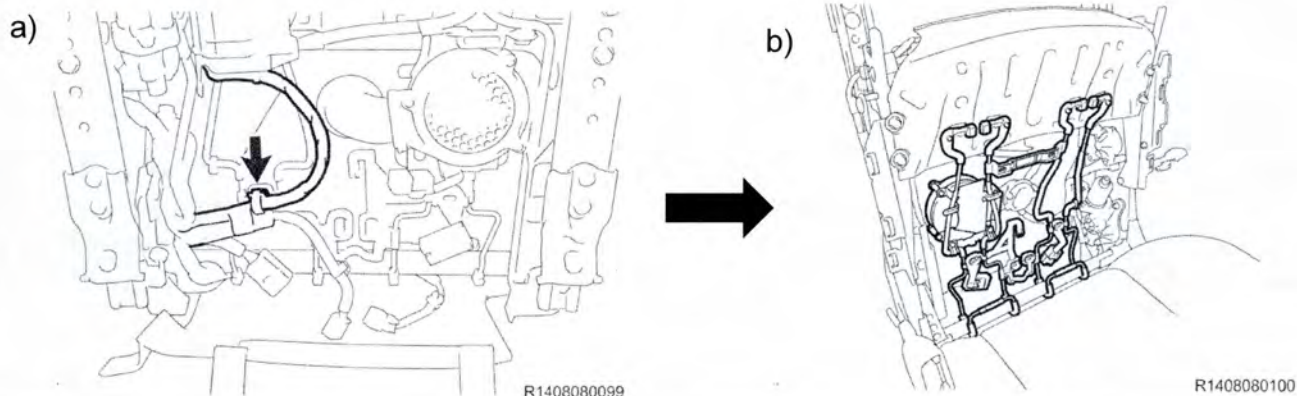
- i) Disengage the hook.
- j) Remove the 4 clips.

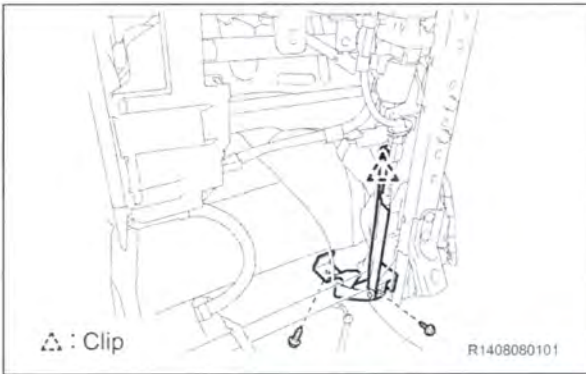
- k) Remove the seat cushion cover and cushion pad.



7. REMOVE THE SEPARATE TYPE FRONT SEAT CUSHION SPRING ASSEMBLY

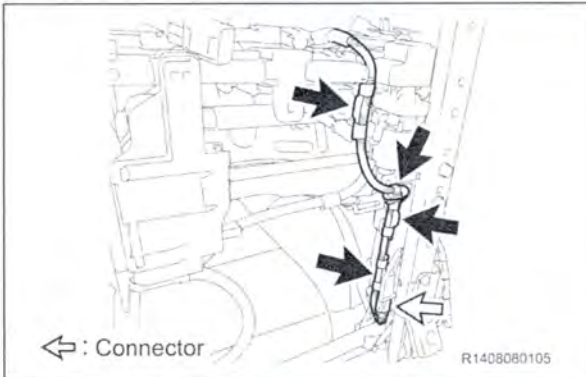
- a) Disengage the clamp.
- b) Remove the spring assembly.





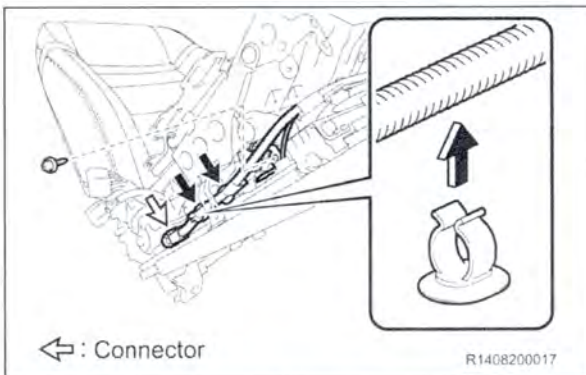
8. REMOVE THE SEAT LOWER CUSHION SHIELD

- Remove the 2 screws.
- Disengage the clip and remove the lower cushion shield.

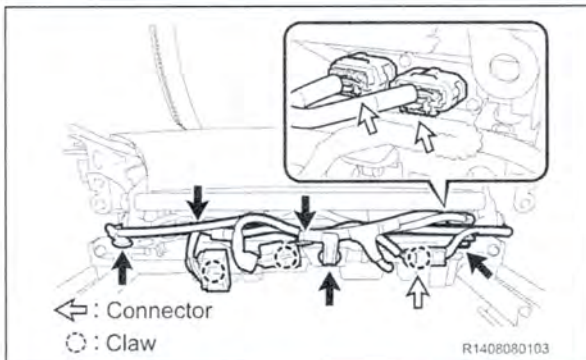


9. REMOVE THE SEAT INNER BELT ASSEMBLY

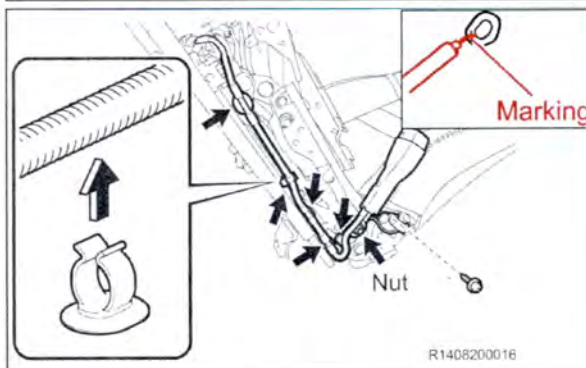
- Disengage the 4 clamps.
- Disconnect the connector.



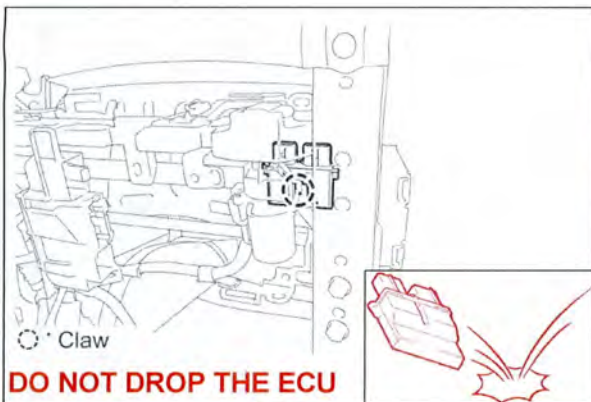
- Remove the screw.
- Disconnect the connector and 2 clamps.



- Disconnect the 3 connectors.
- Disengage the 5 clamps.
- Using a pocket screw driver wrapped in tape disengage the 3 claws on the backside of the connectors.



- Remove the nut and screw.
- Disengage the 5 clamps and remove the inner belt assembly.
- Mark the seatbelt anchor plate to ensure that it is not reused.



10. REMOVE THE OCCUPANT DETECTION ECU

- a) Using a screwdriver wrapped in tap, disengage the claw and remove the ECU.

STOP

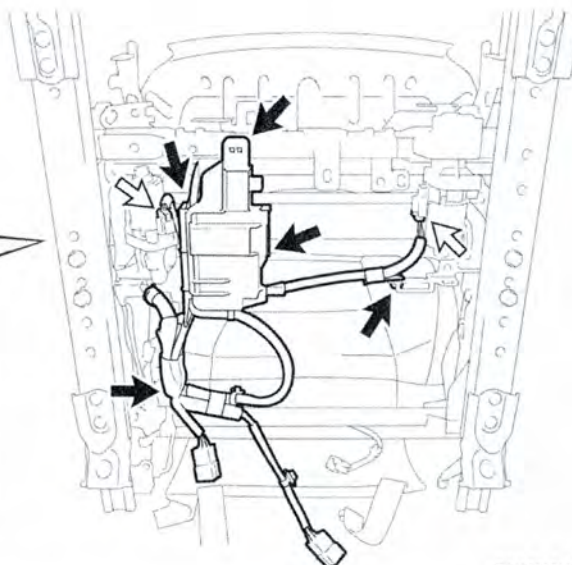
- Some vehicle will require the ECU to be replaced. Ensure to check to see if an ECU is required.
- If replacement is required mark the old ECU to ensure that it is not reused.

11. REMOVE THE SEAT BACK FRAME ASSEMBLY

- a) Disconnect the 3 connectors.
- b) Disengage the claw.



○ : Claw
↔ : Connector



R1408080108

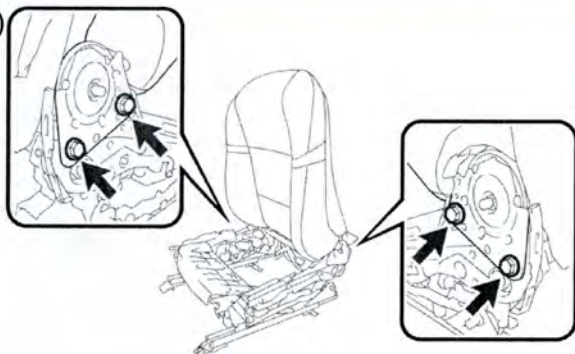
- c) Remove the 2 bolts on the left side of the frame assembly.
- d) Remove the 2 bolts from the right side while holding the seat back frame assembly.
- e) Disengage the 2 pins while holding the seat back frame assembly; remove the seat back from the seats bottom seat frame assembly.

Note: It is recommended to work with a partner during this step.

STOP

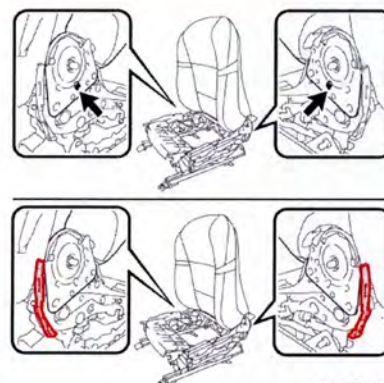
Take care that the seat back assembly does not interfere with the reclining adjuster inside cover.

c) & d)

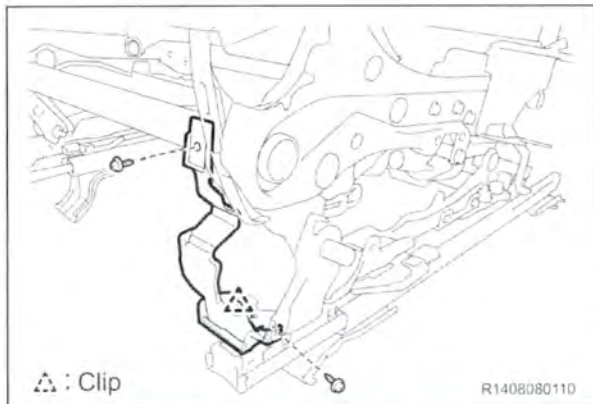


R1408080107A

e)

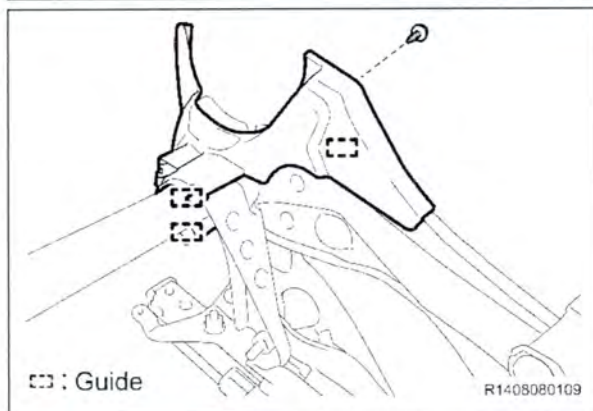


R1408080107F



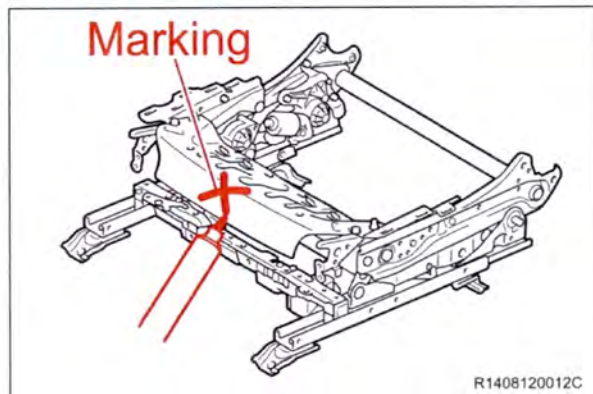
12. REMOVE THE SEAT LEG COVER

- Remove the 2 screws.
- Disengage the clip and remove the RH leg cover.



13. REMOVE THE RECLINING ADJUSTER INSIDE COVERS

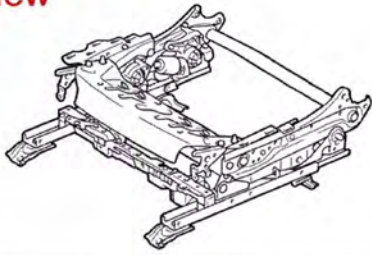
- Remove the screws on both the LH and RH covers.
- Disengage the 3 guides and remove the cover from each side of the seat.



14. MARK THE OLD FRONT SEAT ADJUSTER ASSEMBLY TO ENSURE IT IS NOT REUSED.

D. SEAT ASSEMBLY FOR STANDARD SEAT (10 WAY)

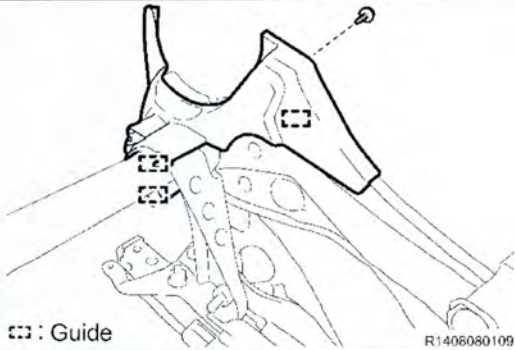
New



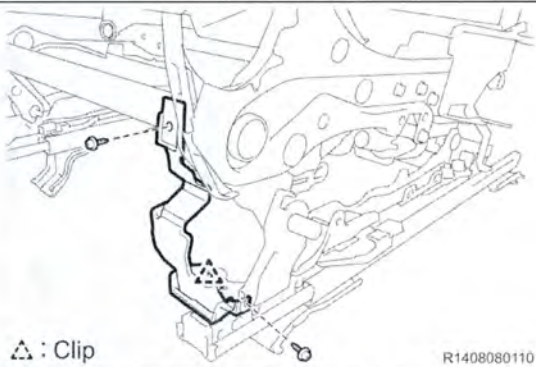
1. PREPARE THE NEW FRONT SEAT ADJUSTER ASSEMBLY

2. REINSTALL THE RECLINING ADJUSTER INSIDE COVERS

- Engage the 3 guides of the LH and RH covers.
- Reinstall the screws on both the LH and RH covers.



3. REINSTALL THE RH FRONT SEAT COVER



4. REINSTALL THE FRONT SEAT BACK FRAME ASSEMBLY

- Engage the 2 pins to reinstall the seatback assembly.

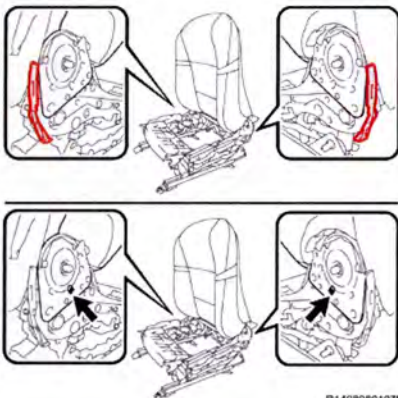


Take care that the seat back assembly does not interfere with the reclining adjuster inside cover.

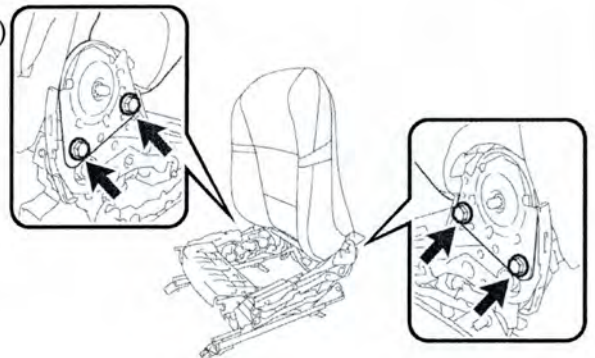
- Temporarily install the 2 bolts on the right side of the seat assembly while holding the seat back.
- Temporarily install the 2 bolts on the left side of the seat assembly while holding the seat back.
- Tighten the 4 bolts to spec.

Specified Torque: 42.0N*m (428kgf*cm, 31ft *lbf)

a)



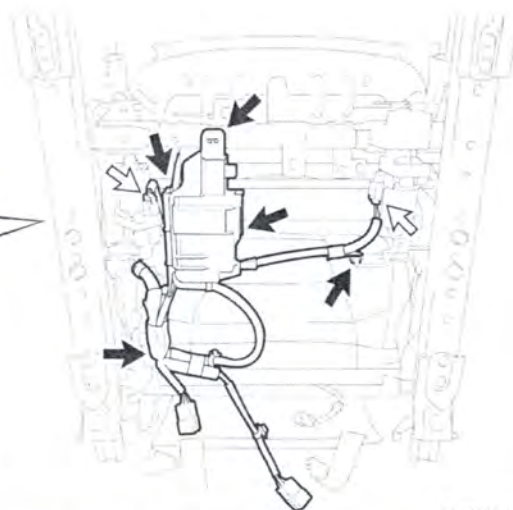
b) & c)



- e) Reconnect the 3 connectors and 7 clamps.
- f) Engage the claw.



○ : Claw
 ◌ : Connector



R1408080105

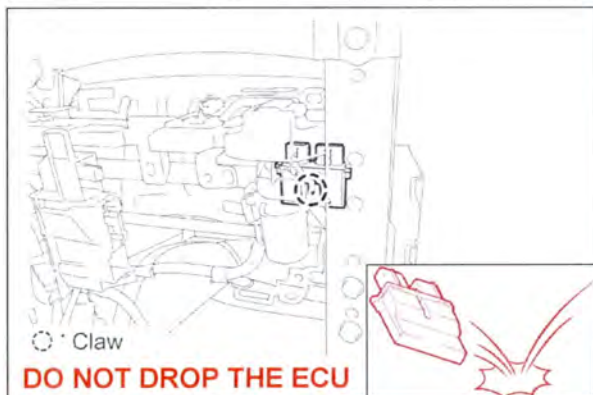
5. INSTALL THE OCCUPANT DETECTION ECU

- a) Engage the claw to install the ECU.

Note: Some vehicles will require a **NEW** ECU, ensure to confirm what parts the vehicle requires via the part lookup website.



Never drop the ECU. If it is dropped a NEW ECU must be installed.

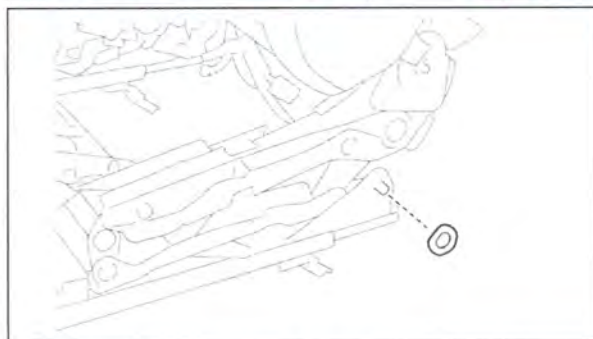


○ : Claw

DO NOT DROP THE ECU

6. REINSTALL THE FRONT SEAT INNER BELT ASSEMBLY

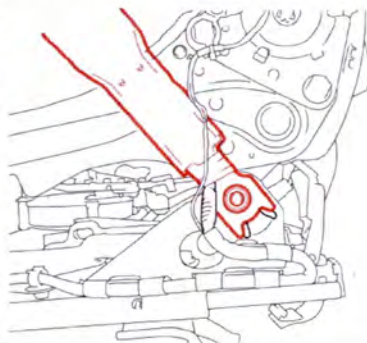
- a) Install the **NEW** front seat belt anchor plate.



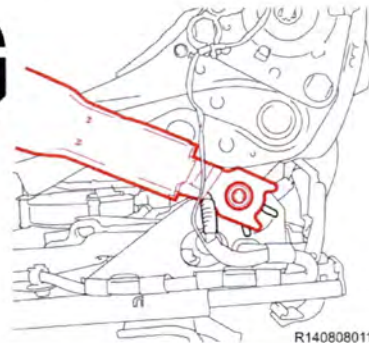
- b) Align and hold the front seat inner belt assembly in position.
- c) Reinstall the front inner seat belt assembly with the nut and torque to spec.

Specified Torque: 42.0N*m (428kgf*cm, 31ft *lbf)

OK



NG



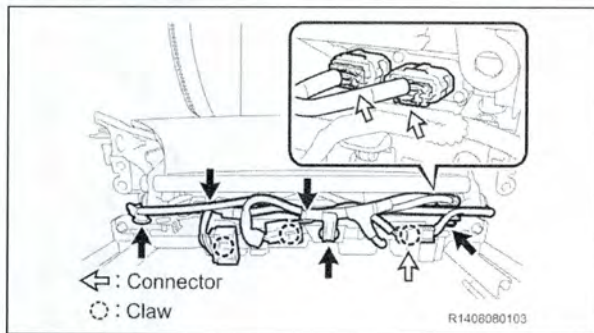
R1408080111A



d) Reinstall the limit switch with the screw.

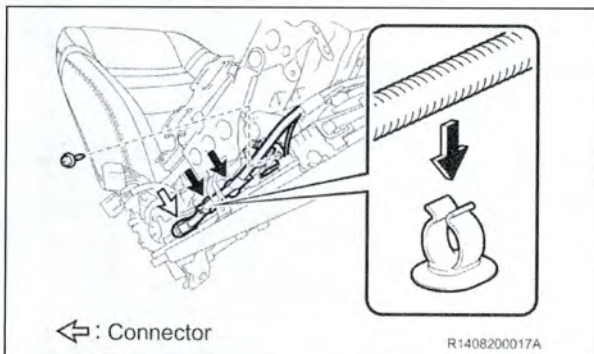
STOP Install the limit switch firmly, or abnormal noise can occur.

e) Engage the 5 clamps.



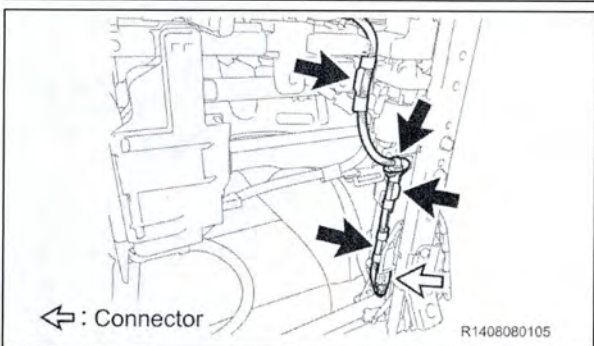
f) Engage the 3 claws to install the 3 connectors.

g) Reconnect the 3 connectors.



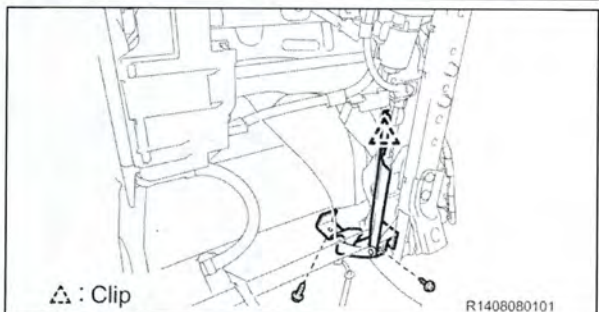
h) Reconnect the connector and 2 clamps.

i) Reinstall the screw.



j) Reconnect the connector.

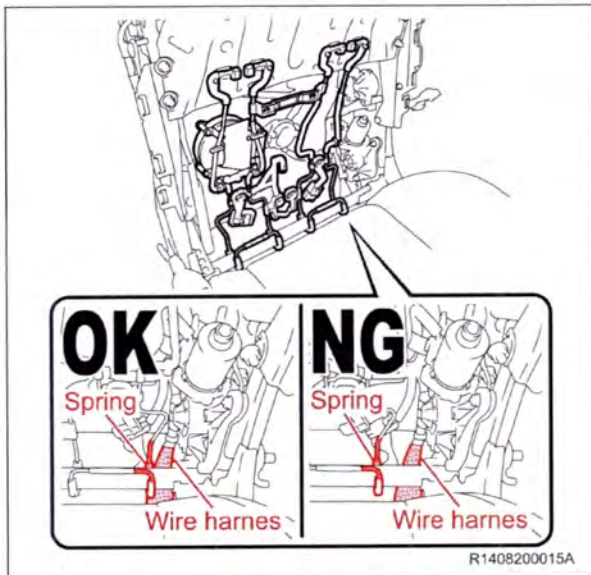
k) Engage the 4 clamps.



7. REINSTALL THE RH FRONT SEAT LOWER CUSHION SHIELD

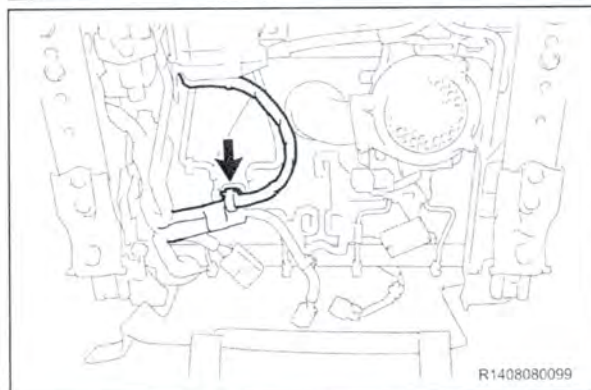
a) Engage the clip to reinstall the lower cushion shield.

b) Reinstall the 2 screws.

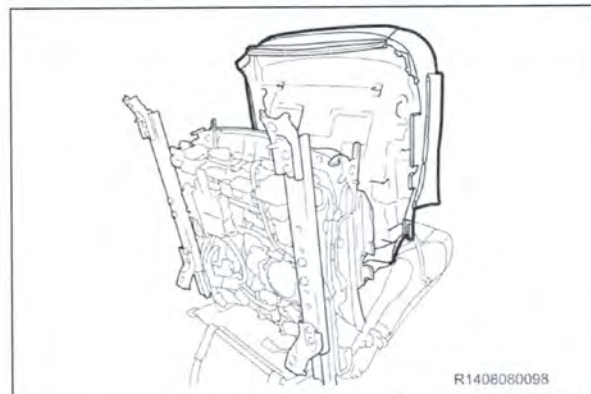


8. REINSTALL THE SEPARATE TYPE FRONT SEAT CUSHION SPRING ASSEMBLY
- Reinstall the spring assembly.
 - Check the spring assembly to confirm it is installed and fitted properly onto the seat frame.

Note: Adjust the spring assembly so that it contacts the wire harness.

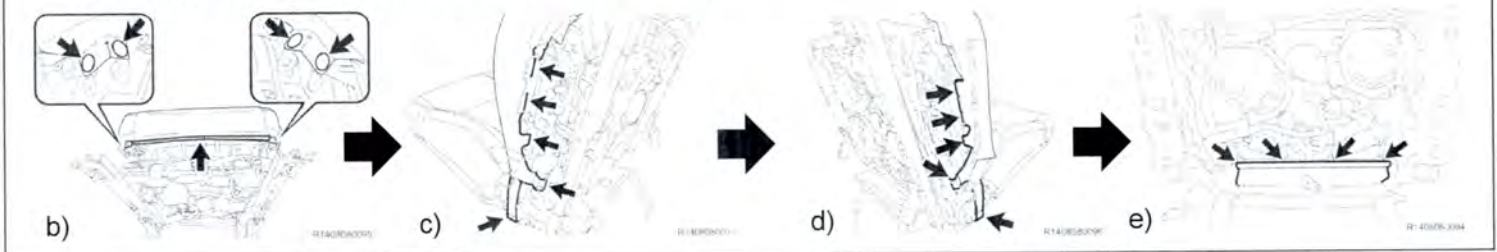


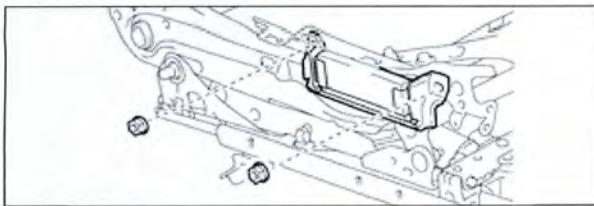
- Engage the clamp.



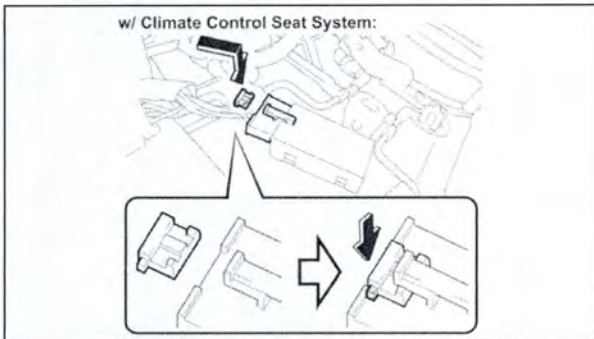
9. REINSTALL THE SEAT CUSHION COVER AND CUSHION PAD
- Temporarily install the seat cushion cover and pad.

- Reinstall the 4 clips and engage the hook on the front of the seat frame.
- Engage the 5 hooks on the right side of the seat frame.
- Engage the 5 hooks on the left side of the seat frame.
- Engage the 4 hooks on the back of the seat frame.



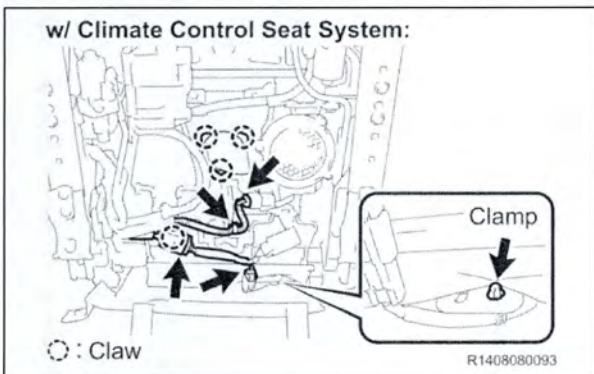


f) Install the seat cushion spring damper with the two nuts.

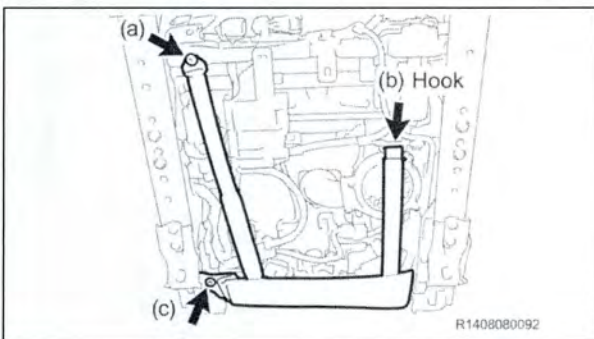


g) w/Climate Control Seat System

- 1) Reconnect the connector on the heater control assembly.
- 2) Install the connector lock as shown.

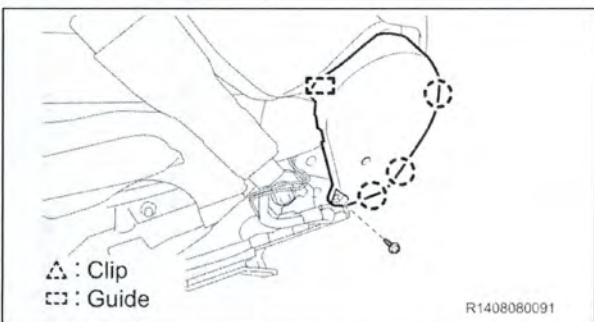


- 3) Reconnect the 3 connectors and 2 clamps.
- 4) Engage the 4 claws.



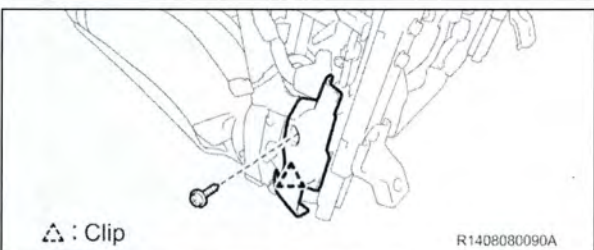
10. SECURE THE SEAT BACK COVER TO LOWER SEAT FRAME

- a) Reinstall the clip.
- b) Reinstall the rubber band with hook.
- c) Reinstall the rubber band with clip.



11. REINSTALL THE SEAT INNER CUSHION SHIELD

- a) Engage the 3 claws and guide.
- b) Reinstall the screw.

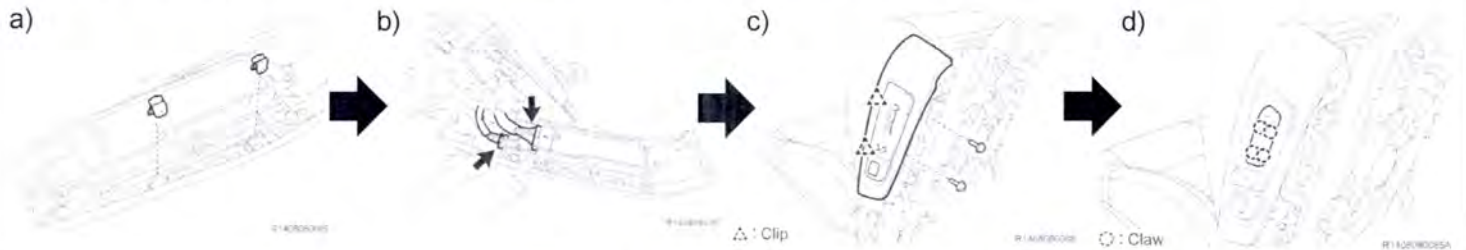


12. REINSTALL THE UPPER SEAT TRACK RAIL COVER

- a) Engage the clip and reinstall the screw.

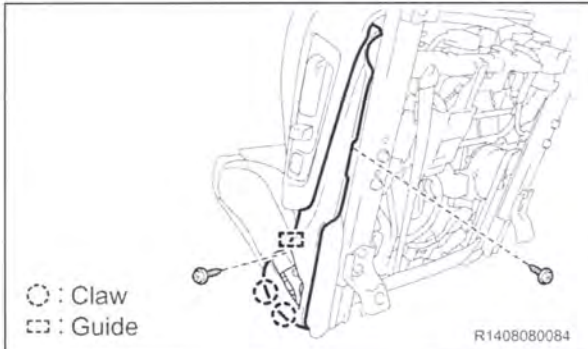
13. REINSTALL THE FRONT SEAT POWER ADJUSTER SHIELD

- Install the 2 NEW Clips to the power adjuster shield.
- Reconnect the 2 connectors.
- Engage the 2 clips and reinstall the 2 screws.
- Reinstall the power seat switch knobs for both the sliding and reclining function.



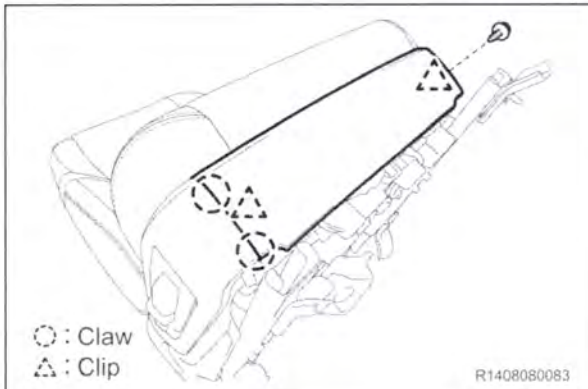
14. REINSTALL THE FRONT SEAT CUSHION SHIELD

- Engage the 2 claws and guide of the shield.
- Reinstall the 2 screws.

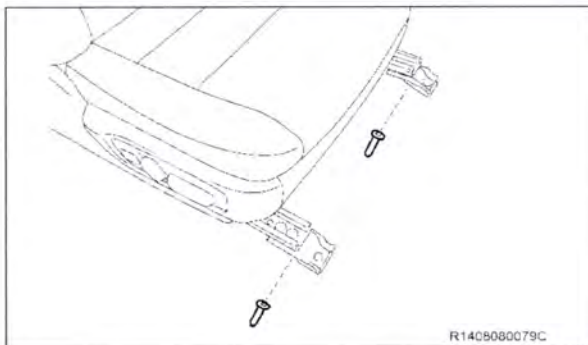


15. REINSTALL THE FRONT SEAT INNER No. 1 CUSHION SHIELD

- Engage the 2 claws and 2 clips to reinstall the shield.
- Reinstall the screw.



16. REINSTALL THE 2 SEAT ADJUSTER COVER CAPS



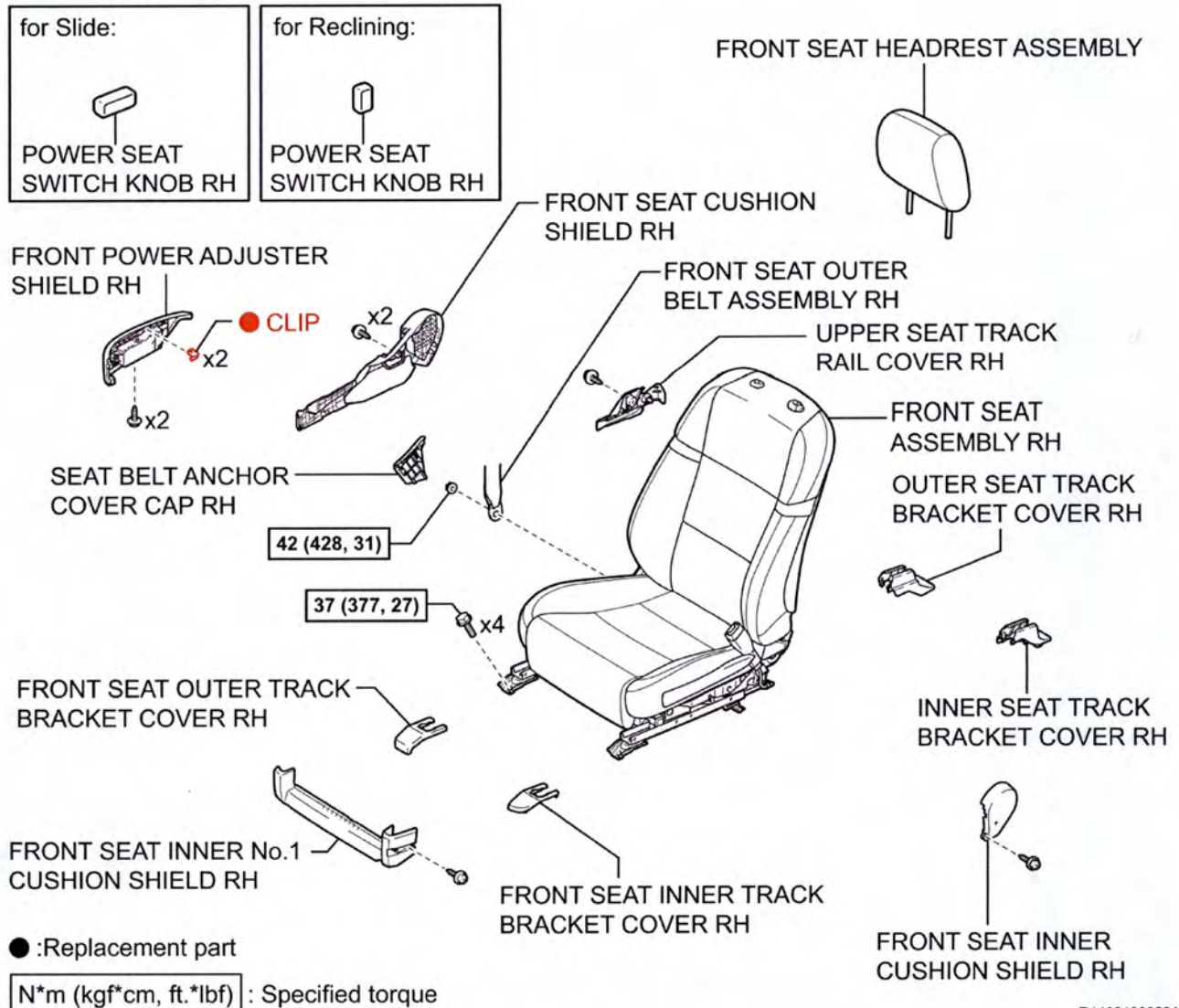
17. FOR SEAT INSTALLATION GO TO SECTION G (Page 37)

STOP

Ensure you use the correct seat type disassembly instructions as the disassembly procedure varies due to seat differences.

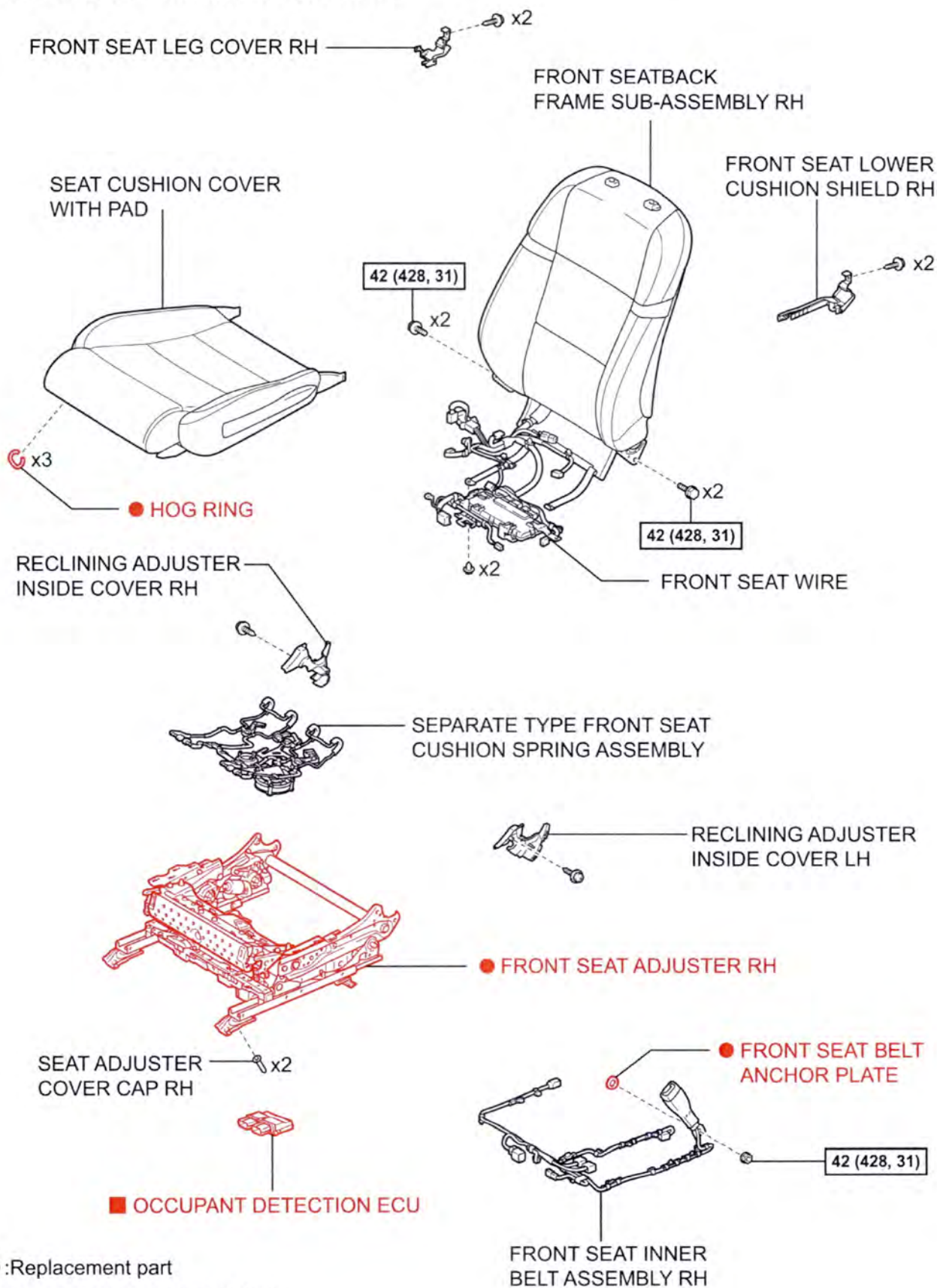
E. SEAT DISASSEMBLY FOR LUXURY SEAT (18 WAY)

LUXURY SEAT (18 WAY) COMPONENT OVERVIEW

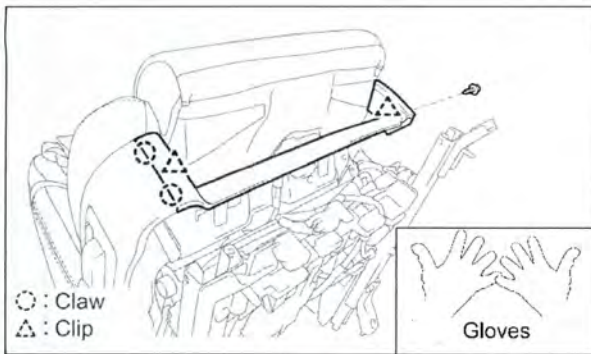


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LUXURY SEAT (18 WAY) COMPONENT OVERVIEW



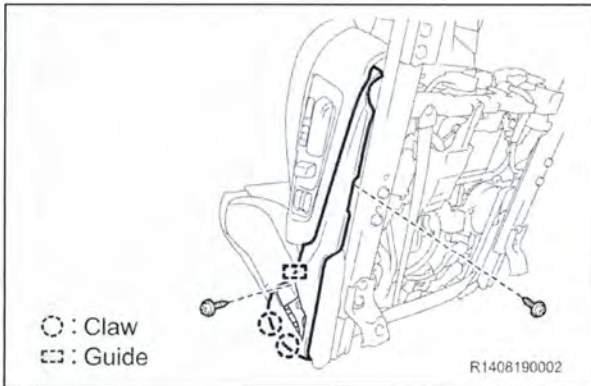
R1408190030A



15. REMOVE THE FRONT SEAT INNER No.1 CUSHION SHIELD

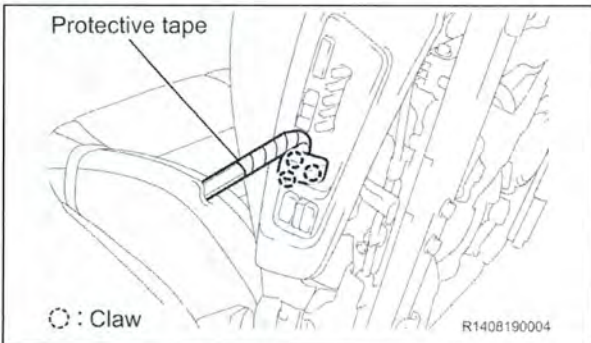
- d) Remove the screw.
- e) Disengage the 2 clips.
- f) Disengage the 2 claws and remove the front seat inner no.1 cushion seat shield.

Note: Always wear gloves to protect your hands.



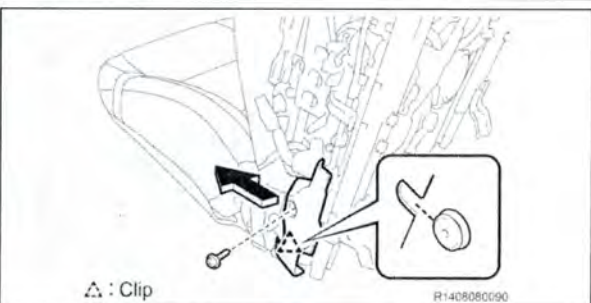
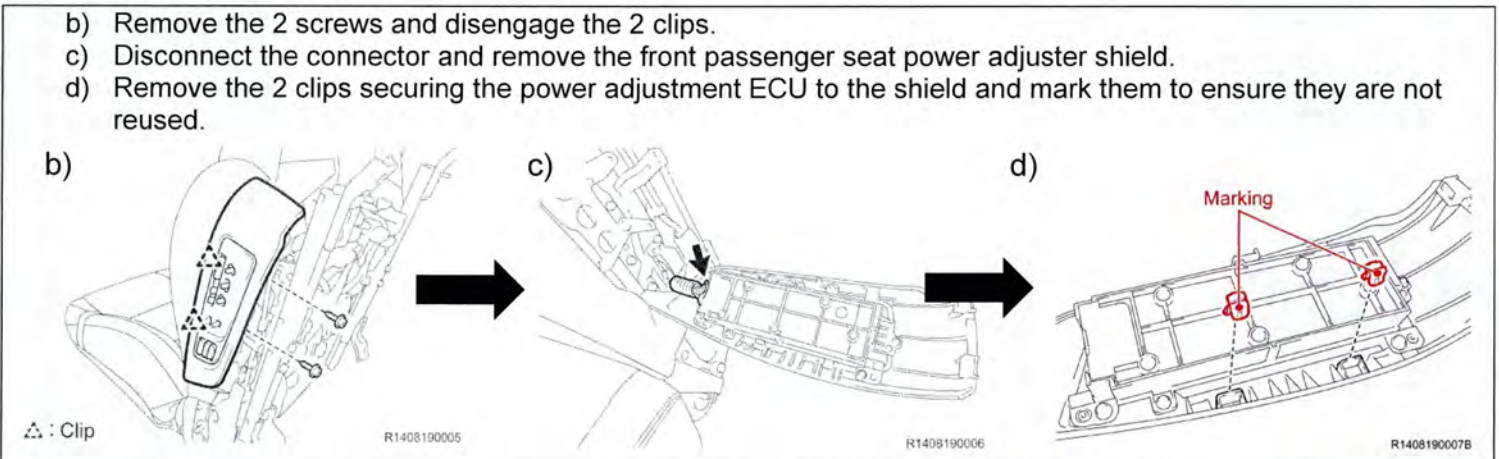
16. REMOVE THE FRONT SEAT CUSHION SHIELD RH

- c) Remove the 2 screws.
- d) Disengage the 2 claws and guide, remove the front seat cushion shield.



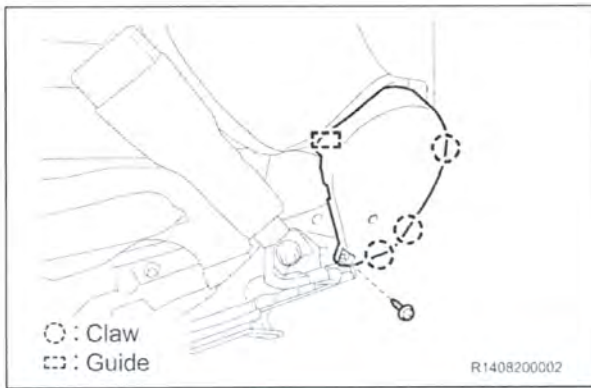
17. REMOVE THE FRONT POWER ADJUSTMENT SHIELD RH

- a) Using a plastic molding remover tool, disengage the claws for the power seat adjustment switches.
 - Slide Control Knob (4 claws)
 - Reclining Control Knob (3 claws)



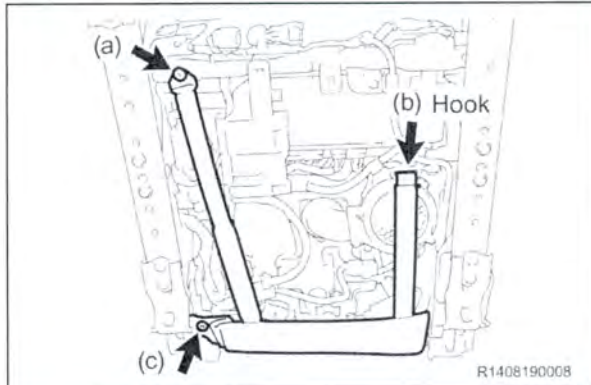
18. REMOVE THE UPPER SEAT TRACK RAIL COVER

- a) Remove the screw.
- b) Slide the cover upwards toward the top of the seat cushion to release the clip from the cover.
- c) Remove the clip from the seat assembly and reinstall it on the cover.



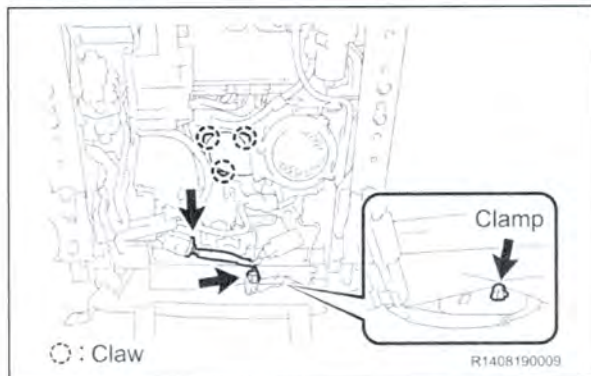
19. REMOVE THE INNER CUSHION SHIELD

- Remove the screw.
- Disengage the 3 claws and guide, then remove the inner shield.

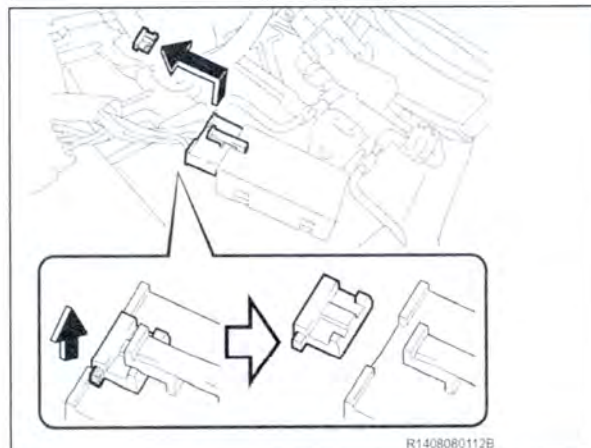


20. REMOVE SEAT CUSHION COVER AND SEAT CUSHION FOAM.

- Remove the clip and disconnect the rubber band.
- Disengage the hook and disconnect the rubber band.
- Remove the clip.



- Disengage the 3 claws.
- Disconnect the 2 connectors and clamp.



- Remove the connector lock from the seat heater control sub-assembly and remove the connector.

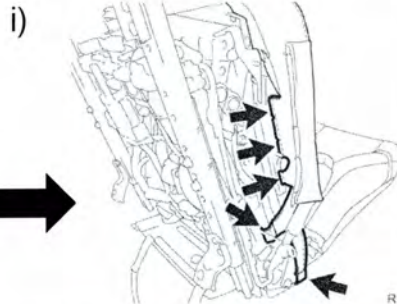
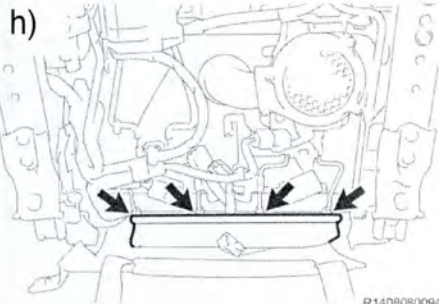


- Remove the seat cushion spring damper.

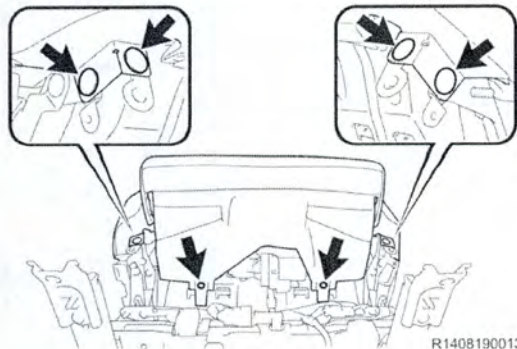
h) Disengage the 4 hooks.

i) Disengage the 5 hooks.

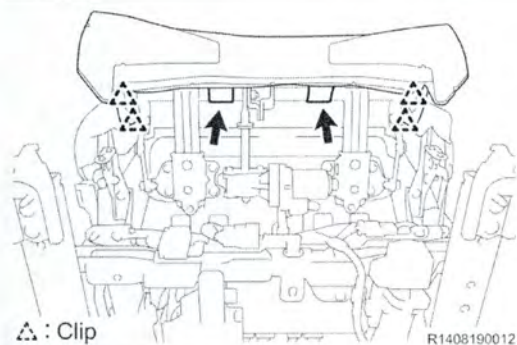
j) Disengage the 5 hooks.



k) Remove the 6 clips.



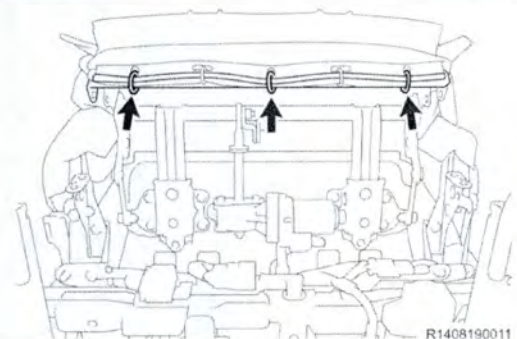
l) Remove the 4 clips and disengage the 2 hooks.



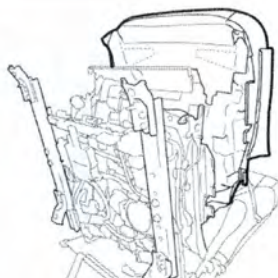
m) Remove the 3 hog rings and discard so they are not reused.



Ensure you only remove the 3 hog rings required.



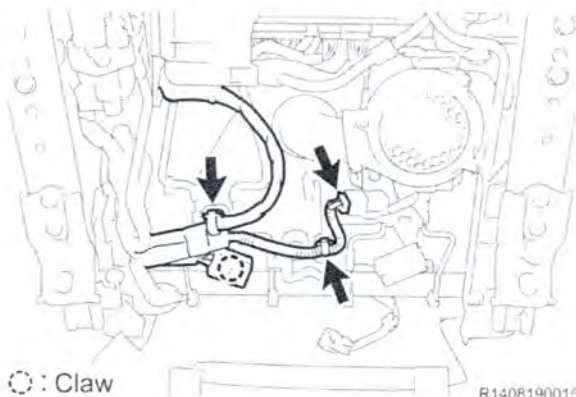
n) Remove the seat cushion cover and cushion pad.



21. REMOVE THE SEPARATE TYPE FRONT SEAT CUSHION SPRING ASSEMBLY

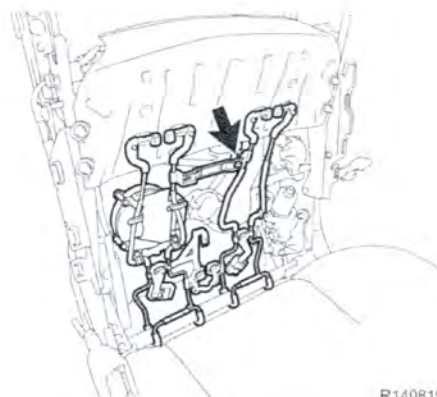
- Disengage the 2 clamps and disconnect the connector.
- Disengage the claw at the backside of the connector
- Disengage the clamp and remove the spring assembly.

a)



R1408190015

b)



22. REMOVE THE SEAT LOWER CUSHION SHIELD

- Remove the 2 screws.
- Disengage the clip and remove the lower cushion shield.

△ : Clip

R1408190016

23. REMOVE THE SEAT INNER BELT ASSEMBLY

- Disengage the 4 clamps.
- Disconnect the connector.

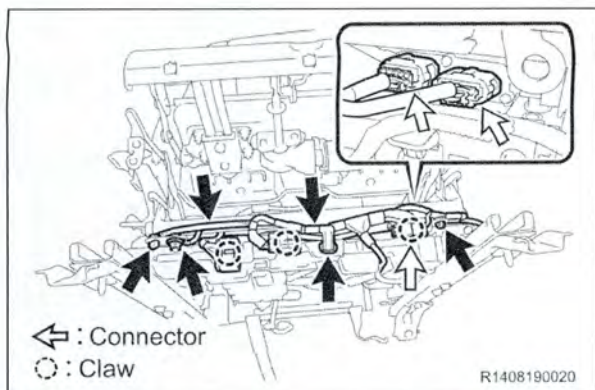
⇐ : Connector

R1408190018

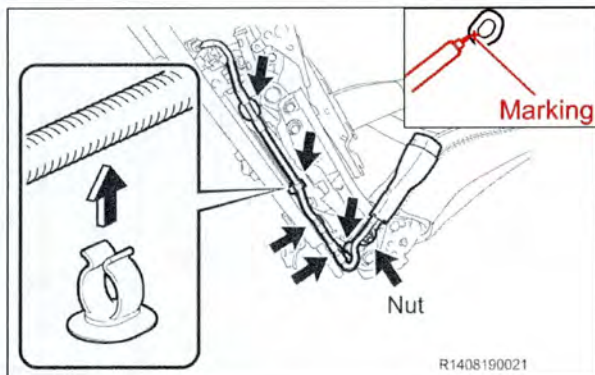
- Disconnect the connector and 2 clamps.

⇐ : Connector

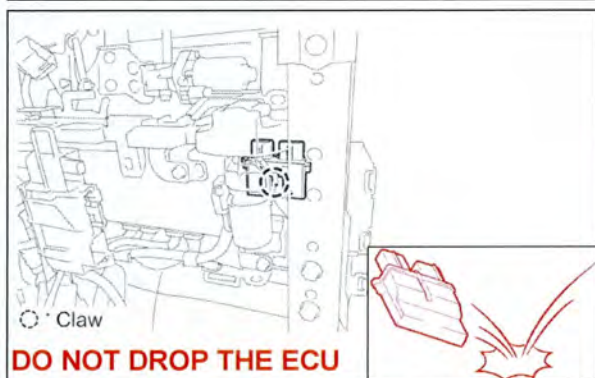
R1408190019



- d) Disconnect the 3 connectors.
- e) Disengage the 5 clamps.
- f) Using a pocket screw driver wrapped in tape disengage the 3 claws on the backside of the connectors.
- g) Remove the nut



- h) Remove the nut.
- i) Disengage the 5 clamps and remove the inner belt assembly.
- j) Mark the seatbelt anchor plate to ensure that it is not reused.



24. REMOVE THE OCCUPANT DETECTION ECU

- a) Using a screwdriver wrapped in tap, disengage the claw and remove the ECU.



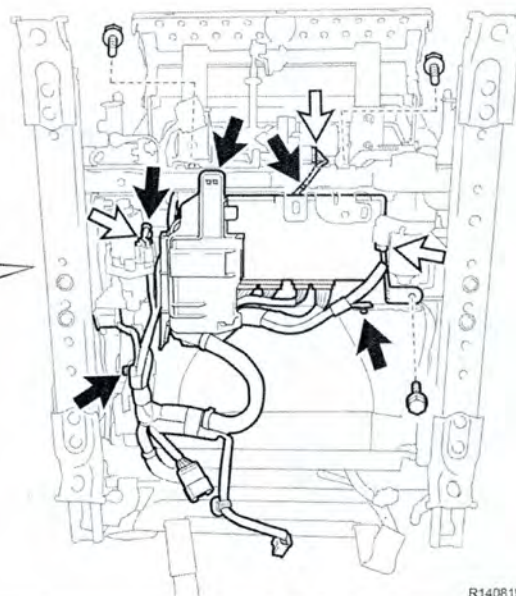
- Some vehicle will require the ECU to be replaced. Ensure to check to see if an ECU is required.
- IF replacement is required mark the old ECU to ensure that it is not reused.

25. REMOVE THE SEAT BACK FRAME ASSEMBLY

- a) Disconnect the 4 connectors and the 7 clamps.
- b) Disengage the claw and remove the 3 bolts.



○ : Claw
← : Connector



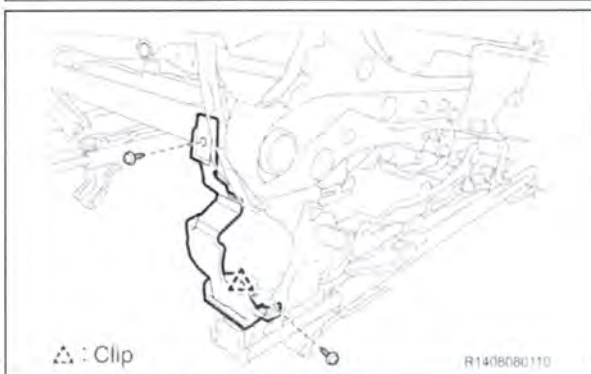
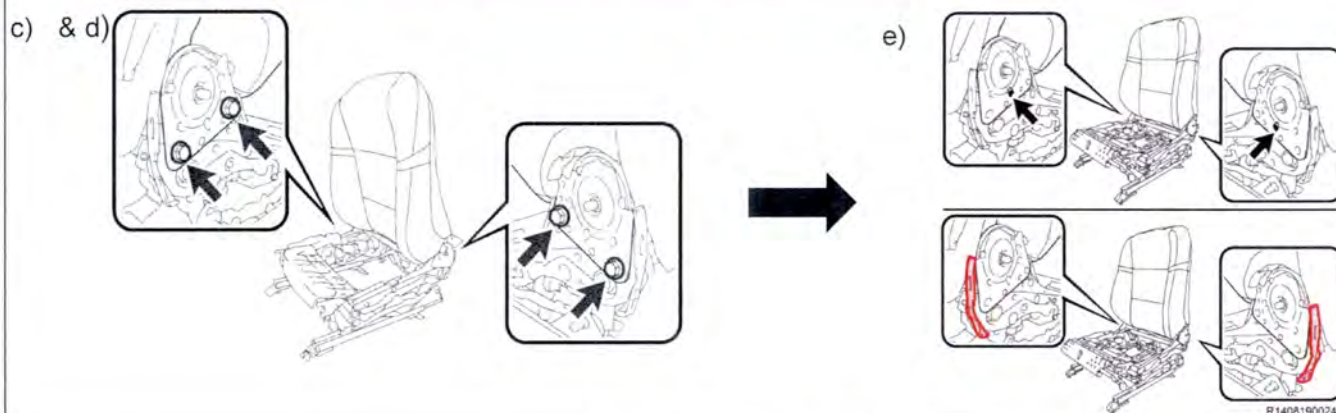
R1408190023

- c) Remove the 2 bolts on the left side of the frame assembly.
- d) Remove the 2 bolts from the right side while holding the seat back frame assembly.
- e) Disengage the 2 pins while holding the seat back frame assembly; remove the seat back from the seats bottom seat frame assembly.

Note: It is recommended to work with a partner during this step.

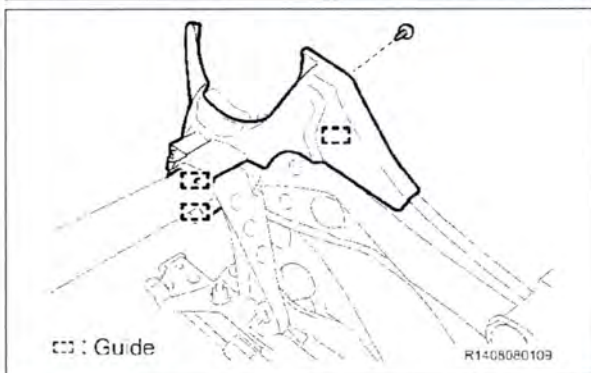


Take care when separating the seat back from the seat cushion. Ensure all wire harness clips have been removed and that the seat back assembly does not interfere with the reclining adjuster inside cover.



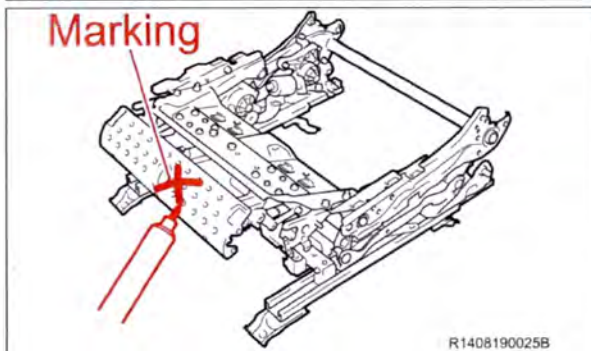
26. REMOVE THE SEAT LEG COVER

- c) Remove the 2 screws.
- d) Disengage the clip and remove the RH leg cover.



27. REMOVE THE RECLINING ADJUSTER INSIDE COVERS

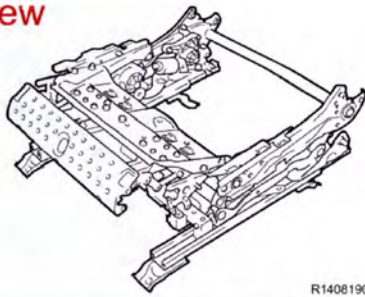
- a) Remove the screws on both the LH and RH covers.
- b) Disengage the 3 guides and remove the cover from each side of the seat.



28. MARK THE OLD FRONT SEAT ADJUSTER ASSEMBLY TO ENSURE IT IS NOT REUSED.

F. SEAT ASSEMBLY FOR LUXURY SEAT (18 WAY)

New

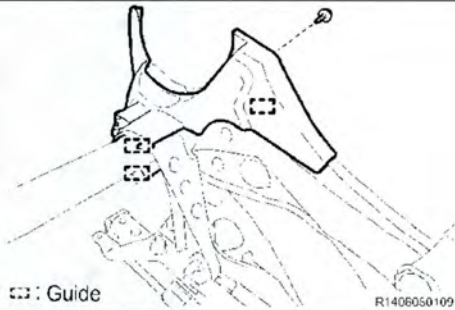


R1408190025A

18. PREPARE THE NEW FRONT SEAT ADJUSTER ASSEMBLY

19. REINSTALL THE RECLINING ADJUSTER INSIDE COVERS

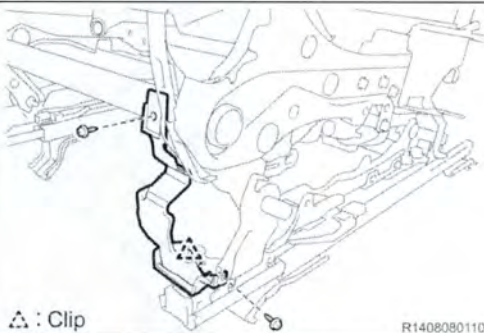
- Engage the 3 guides of the LH and RH covers.
- Reinstall the screws on both the LH and RH covers.



□ : Guide

R1406050109

20. REINSTALL THE RH FRONT SEAT COVER



△ : Clip

R1408080110

21. REINSTALL THE FRONT SEAT BACK FRAME ASSEMBLY

- Engage the 2 pins to reinstall the seatback assembly.

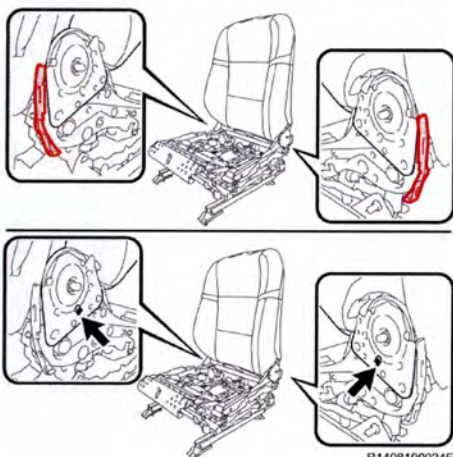


Take care that the seat back assembly does not interfere with the reclining adjuster inside cover.

- Temporarily install the 2 bolts on the right side of the seat assembly while holding the seat back.
- Temporarily install the 2 bolts on the left side of the seat assembly while holding the seat back.
- Tighten the 4 bolts to spec.

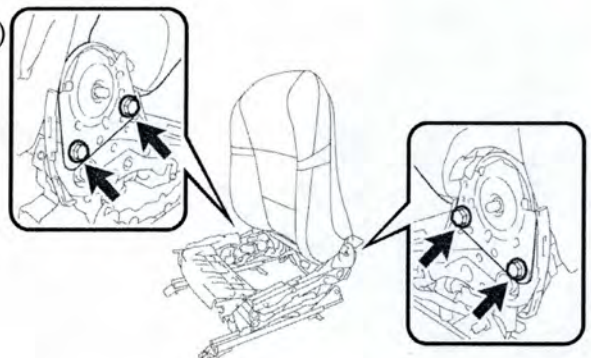
Specified Torque: 42.0N*m (428kgf*cm, 31ft *lbf)

a)



R1408190024E

b) & c)

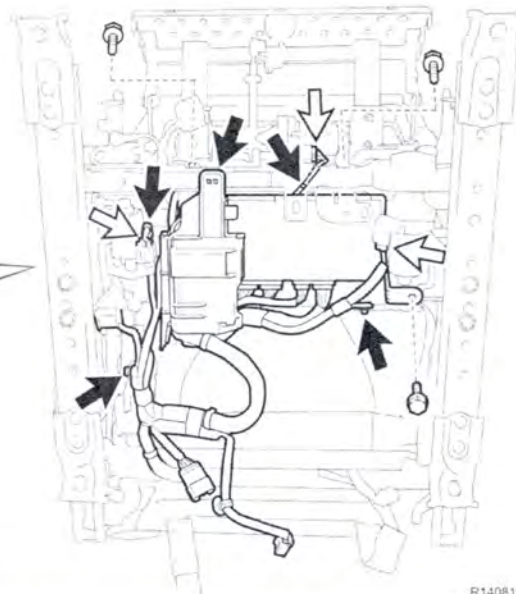


R1408080107A

- e) Reinstall the 3 bolts.
- f) Engage the claw.
- g) Reconnect the 4 connectors and 7 clamps.



○ : Claw
 ↳ : Connector



R1408190023

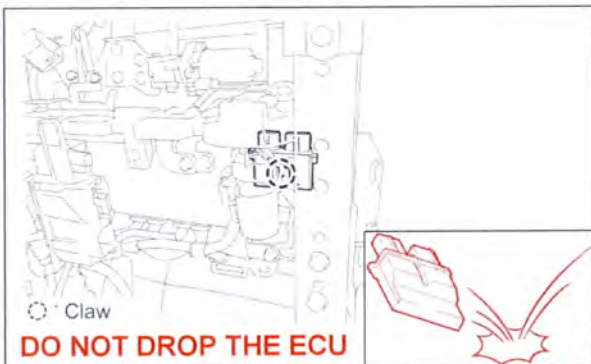
22. INSTALL THE OCCUPANT DETECTION ECU

- a) Engage the claw to install the ECU.

Note: Some vehicles will require a **NEW** ECU, ensure to confirm what parts the vehicle requires via the part lookup website.



Never drop the ECU. If it is dropped a NEW ECU must be installed.

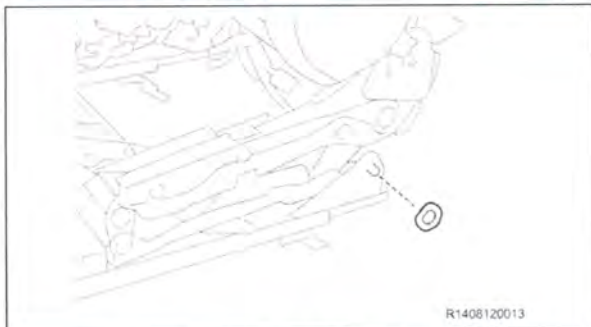


○ : Claw

DO NOT DROP THE ECU

23. REINSTALL THE FRONT SEAT INNER BELT ASSEMBLY

- a) Install the **NEW** front seat belt anchor plate.

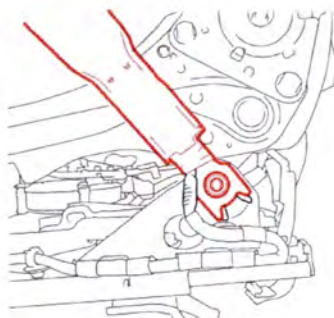


R1408120013

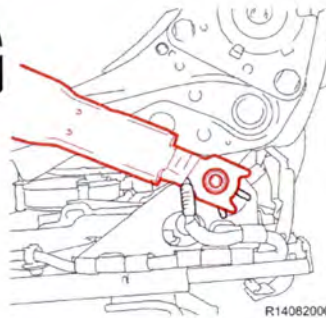
- b) Align and hold the front seat inner belt assembly in position.
- c) Reinstall the front inner seat belt assembly with the nut and torque to spec.

Specified Torque: 42.0N*m (428kgf*cm, 31ft *lbf)

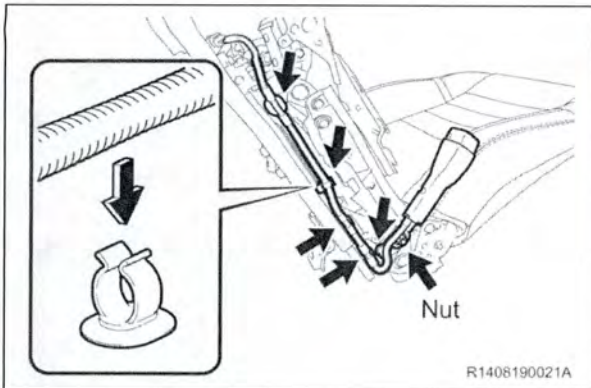
OK



NG



R1408200001A



d) Reinstall the limit switch with the screw.



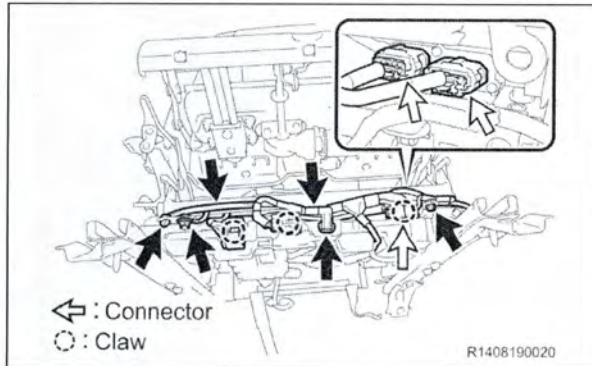
Install the limit switch firmly, or abnormal noise can occur.

e) Engage the 5 clamps.

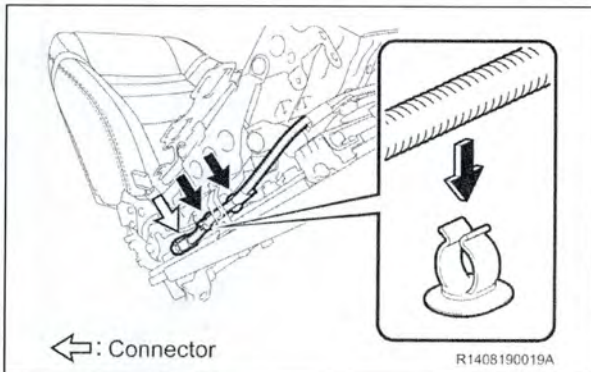
f) Reinstall the nut.

g) Engage the 3 claws to install the 3 connectors.

h) Reconnect the 3 connectors.

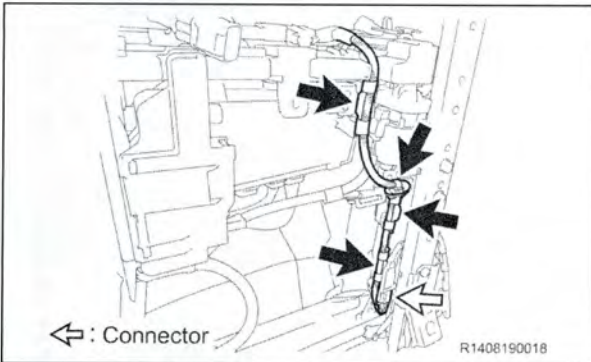


i) Reconnect the connector and 2 clamps.



j) Reconnect the connector.

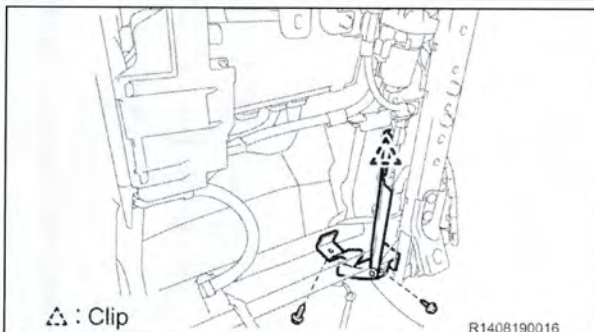
k) Engage the 4 clamps.

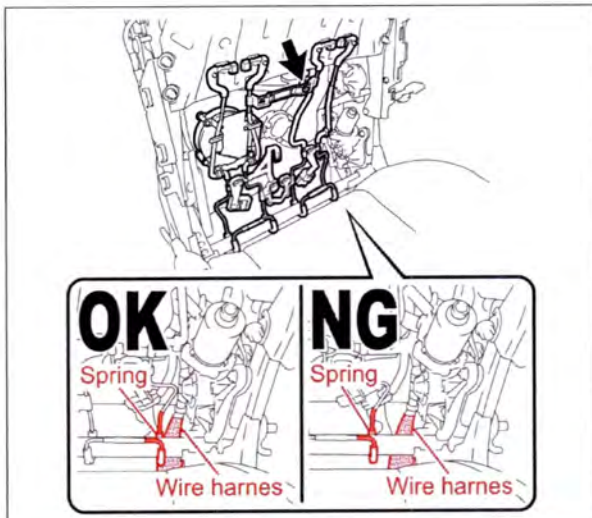


24. REINSTALL THE RH FRONT SEAT LOWER CUSHION SHIELD

a) Engage the clip to reinstall the lower cushion shield.

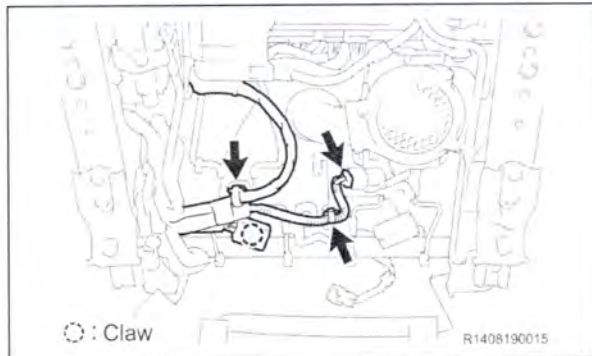
b) Reinstall the 2 screws.



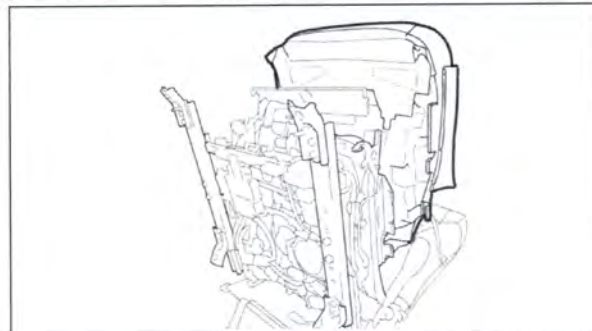


- 25. REINSTALL THE SEPARATE TYPE FRONT SEAT CUSHION SPRING ASSEMBLY**
- Reinstall the spring assembly.
 - Check the spring assembly to confirm it is installed and fitted properly onto the seat frame.
 - Engage the clamp.

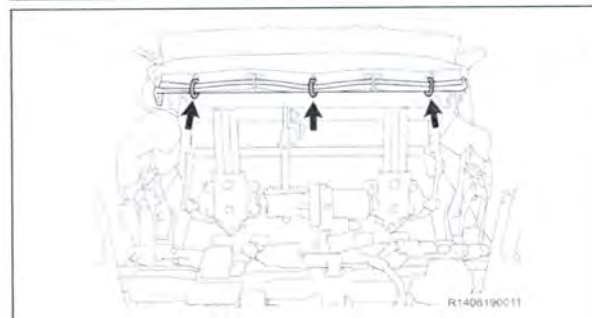
Note: Adjust the spring assembly so that it contacts the wire harness.



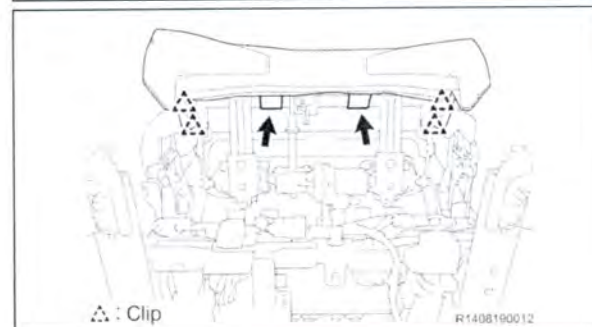
- Engage the claw.
- Engage the 2 clamps and re4connect the connector.



- 26. REINSTALL THE SEAT CUSHION COVER AND CUSHION PAD**
- Temporarily install the seat cushion cover and pad.

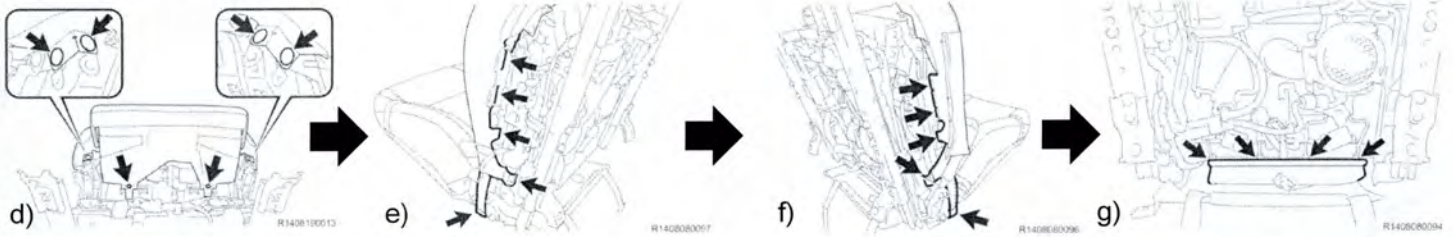


- Using hog ring pliers, install the 3 **NEW** hog rings.



- Reinstall the 4 clips and engage the 2 hooks.

- d) Reinstall the 6 clips.
- e) Engage the 5 hooks on the right side of the seat frame.
- f) Engage the 5 hooks on the left side of the seat frame.
- g) Engage the 4 hooks on the back of the seat frame.



- h) Install the seat cushion spring damper with the 2 nuts.

- i) Reconnect the seat heater connector and install the connector lock.

- j) Reconnect the 2 connectors and clamp.
- k) Engage the 3 claws.

27. SECURE THE SEAT BACK COVER TO LOWER SEAT FRAME

- a) Reinstall the clip.
- b) Reinstall the rubber band with hook.
- c) Reinstall the rubber band with clip.

28. REINSTALL THE SEAT INNER CUSHION SHIELD

- a) Engage the 3 claws and guide.
- b) Reinstall the screw.

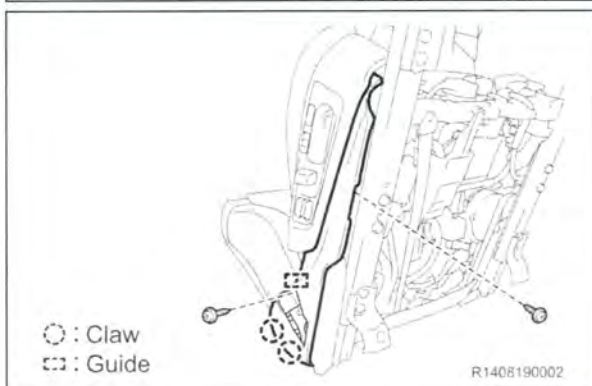
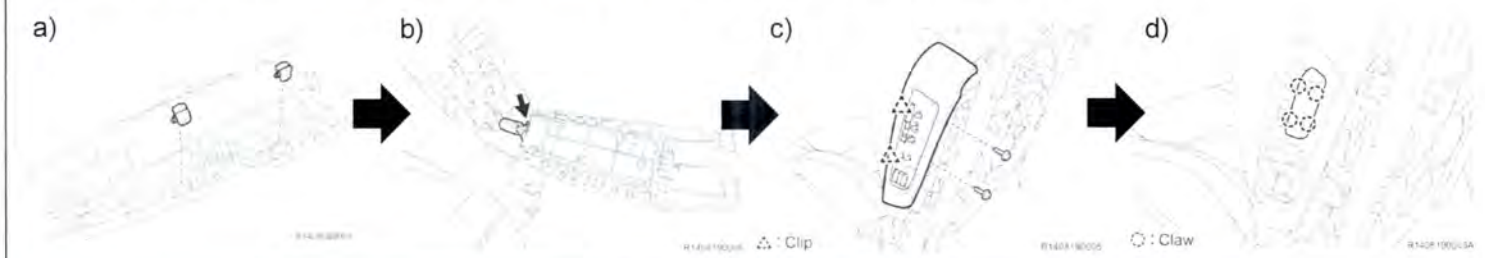


29. REINSTALL THE UPPER SEAT TRACK RAIL COVER

- Engage the clip and reinstall the screw.

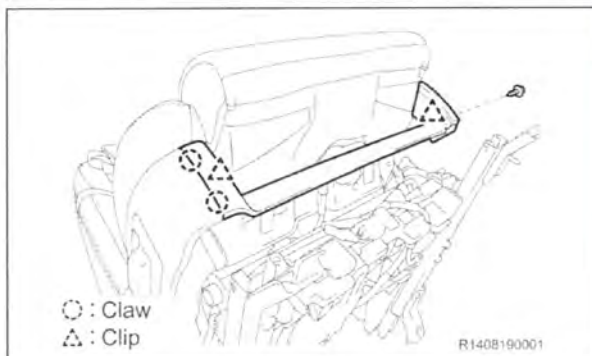
30. REINSTALL THE FRONT SEAT POWER ADJUSTER SHIELD

- Install the 2 **NEW** clips to the power adjuster shield.
- Reconnect the connector.
- Engage the 2 clips and reinstall the 2 screws.
- Reinstall the power seat switch knobs for both the sliding and reclining function.



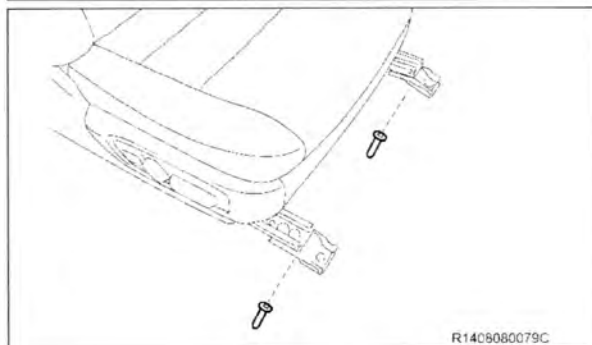
31. REINSTALL THE FRONT SEAT CUSHION SHIELD

- Engage the 2 claws and guide of the shield.
- Reinstall the 2 screws.



32. REINSTALL THE FRONT SEAT INNER No. 1 CUSHION SHIELD

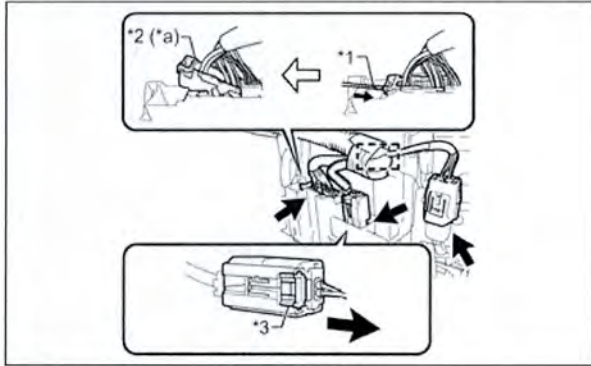
- Engage the 2 claws and 2 clips to reinstall the shield.
- Reinstall the screw.



33. REINSTALL THE 2 SEAT ADJUSTER COVER CAPS

G. FRONT PASSENGER SEAT REINSTALLATION

1. PLACE THE SEAT INTO THE VEHICLES INTERIOR



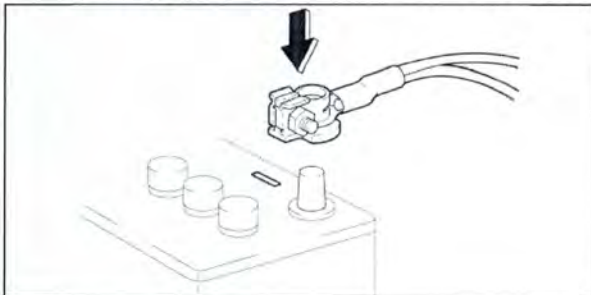
2. RECONNECT THE CONNECTORS

- a) Tilt the seat back and reinstall the connectors.

Note: The number of connectors will vary based on seat type.

3. ALIGN THE SEAT ASSEMBLY

- a) Align the seat track pins with the holes in the floor pan.



4. RECONNECT THE BATTERY

5. SECURE THE SEAT TO THE VEHICLE.

- a) Operate the seat to gain access to each bolt hole and temporarily install the bolts.
b) Torque the bolts to spec following the torquing sequence shown.

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



- The bolt torquing sequence must be followed, otherwise the OCS calibration may be incorrect.
- Follow the procedure to prevent the seat tracks from locking separately.

6. CHECK THE PASSENGER AIRBAG ON/OFF INDICATOR

7. INSPECT THE POWER SEAT OPERATION TO ENSURE IT IS FUNCTIONING PROPERLY

8. INSPECT THE SEAT CLIMATE OPERATION TO ENSURE IT IS FUNCTIONING PROPERLY

9. CHECK FOR DTCS

10. PERFORM OCCUPANT CLASSIFICATION ECU INITIALIZATION.

[GS350 OCS ECU Initialization Process](#)

[GS450h OCS ECU Initialization Process](#)

11. RESTORE SYSTEM SETTINGS

12. RETURN SEAT TO ORIGINAL POSITION

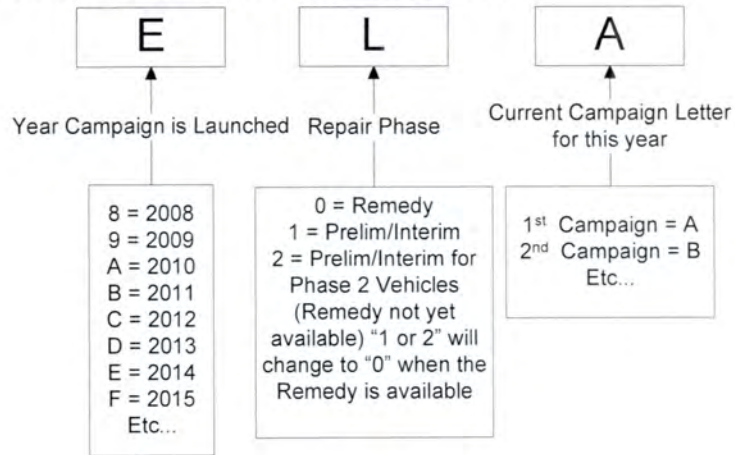
◀ VERIFY REPAIR QUALITY ▶

- Confirm that the seat operates properly and all functions work after installation.
- Confirm that the Occupant classification ECU is initialized

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

VIII. APPENDIX

A. CAMPAIGN DESIGNATION DECODER



B. CAMPAIGN PARTS DISPOSAL

As required by Federal Regulations, please make sure all campaign 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.***