

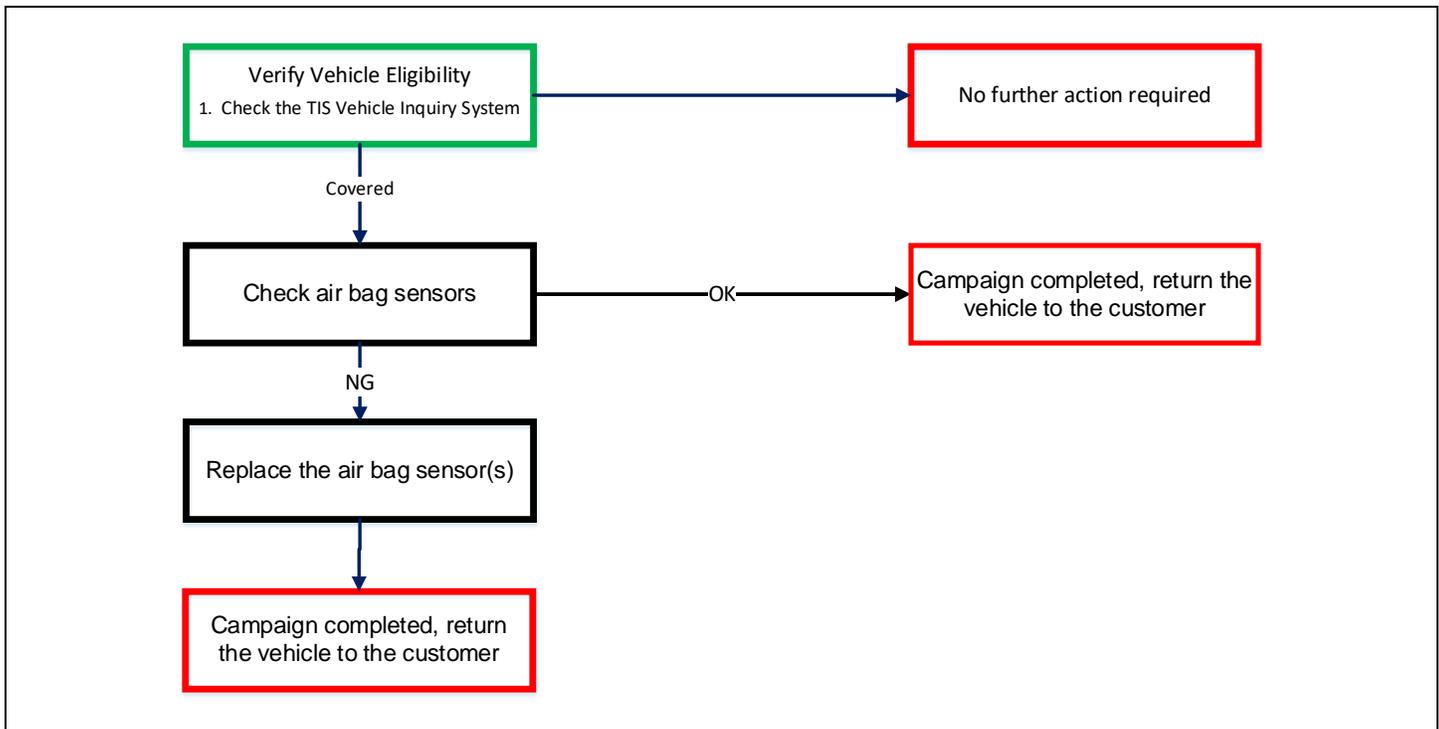
TECHNICAL INSTRUCTIONS
FOR
SAFETY RECALL JLA
AIR BAG SENSOR REPLACEMENT
CERTAIN 2015-2016 LEXUS NX300h/NX200t

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

- Certified (with L652 course completed)
- Senior (with L652 course completed)
- Master

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

I. OPERATION FLOW CHART



II. IDENTIFICATION OF AFFECTED VEHICLES

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

III. PREPARATION

A. PARTS

- ***Inspection software will provide part number information, if it is determined part replacement is required.***
- ***An airbag sensor will not be released without a screenshot submitted of the judgement screen from the inspection software. Refer to the MAC report for additional details.***

B. TOOLS & EQUIPMENT

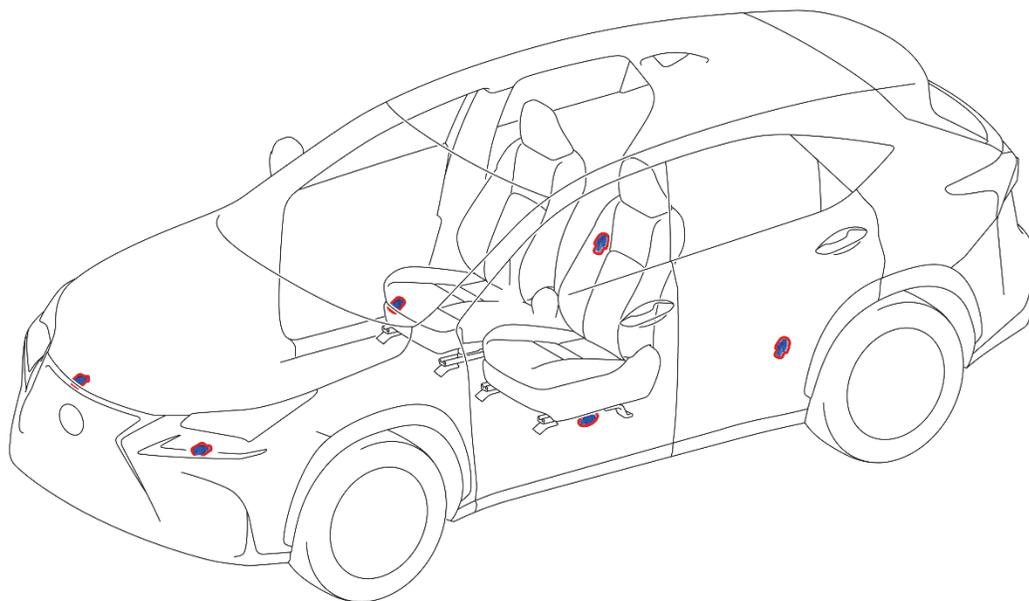
- Techstream
- Molding Remover
- Standard Hand Tools
- Clip Remover
- Torque Wrench

C. MATERIALS

- Protective Tape
- Marker Pen

IV. BACKGROUND

The involved vehicles have airbag systems where an open circuit could be created over time. If this were to occur, the airbag warning light will illuminate, and the side/curtain shield airbags, and/or front airbags, may not deploy. Airbag non-deployment could increase the risk of injury to the occupants in the event of a crash.



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V. WORK PROCEDURE



1. CHECK FOR DTC'S

- a. Using a Techstream, check for Diagnostic Trouble Codes.

Note: *This Safety Recall covers only the Air Bag Sensor, as detailed in these instructions. It does not cover the diagnosis or replacement of any other parts on the vehicle, including the hybrid system.*



- If the vehicle has its airbag warning light illuminated, always repair the airbag system failure first, and then use the judgment software.
- The judgment software judges by communicating with the airbag ECU and obtaining the serial number of the airbag sensor stored therein. When the warning light is on, the software may not judge correctly.

2. CLOSE TECHSTREAM SOFTWARE

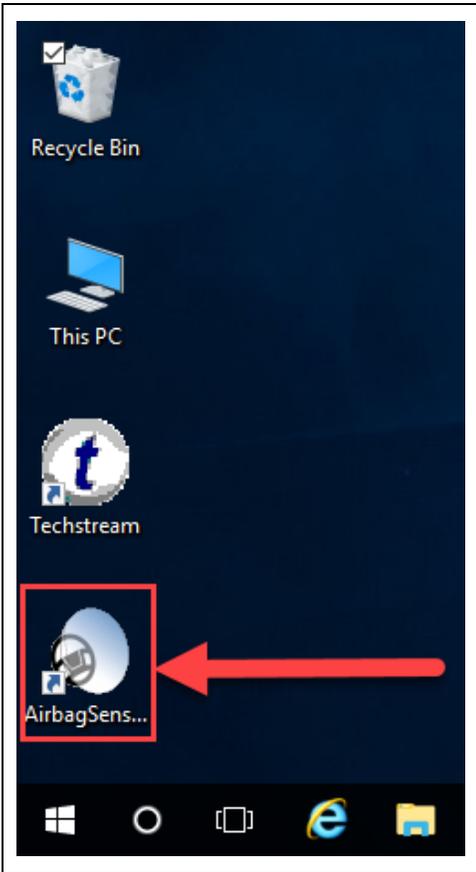
- a. You must exit and close Techstream program for the Judgment software to work properly.

NOTE: If Techstream Program is running, the Judgment software may not work properly.

3. DOWNLOAD JUDGMENT SOFTWARE (if not previously downloaded)

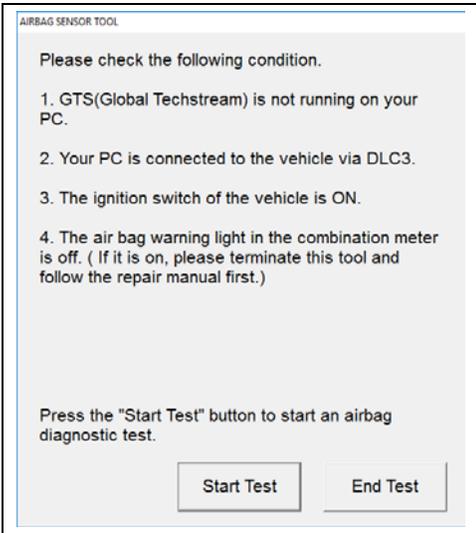
- a. Click the link below to download the Judgment software
- b. If the Judgment Software has been already downloaded, continue to step 4.

[CLICK HERE TO DOWNLOAD SOFTWARE](#)



4. PERFORM AIR BAG SENSOR JUDGMENT

a. Open Airbag Judgment Software



b. Confirm that the conditions shown on the screen are met.

c. Select "Start Test"

d. Determine whether replacement is needed for each sensor based on the judgment result screen



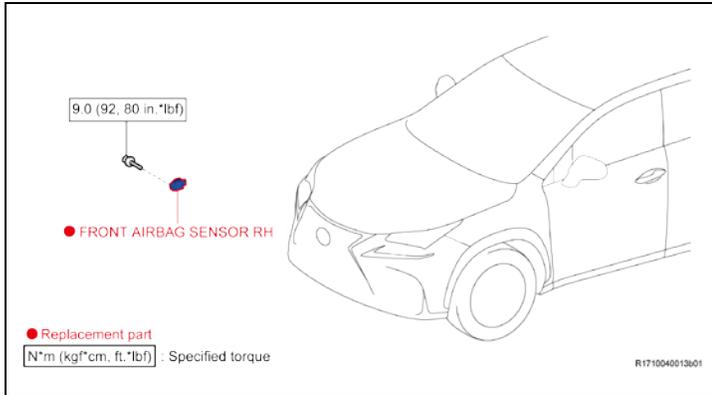
- **SAVE THE JUDGMENT RESULT SCREEN AND RENAME THE FILE WITH THE VIN**
- **THIS RESULT SCREEN MUST BE ATTACHED WITH THE REPAIR ORDER SO THE WARRANTY CLAIM CAN BE FILED**

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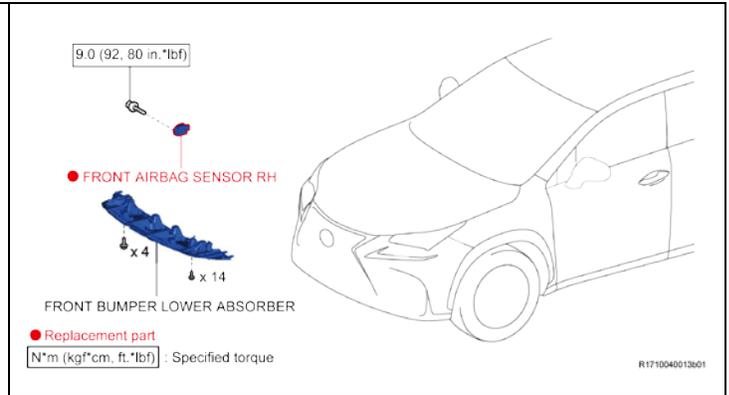
Judgment result	Measure
Green ●	No need to replace the sensor.
Red ●	Replace the sensor with the sensor of replacement part number shown on the result screen.

VI. REPLACE FRONT AIR BAG SENSOR RH (ADJACENT TO THE HEADLIGHT RH) COMPONENTS

NX300h



NX200t

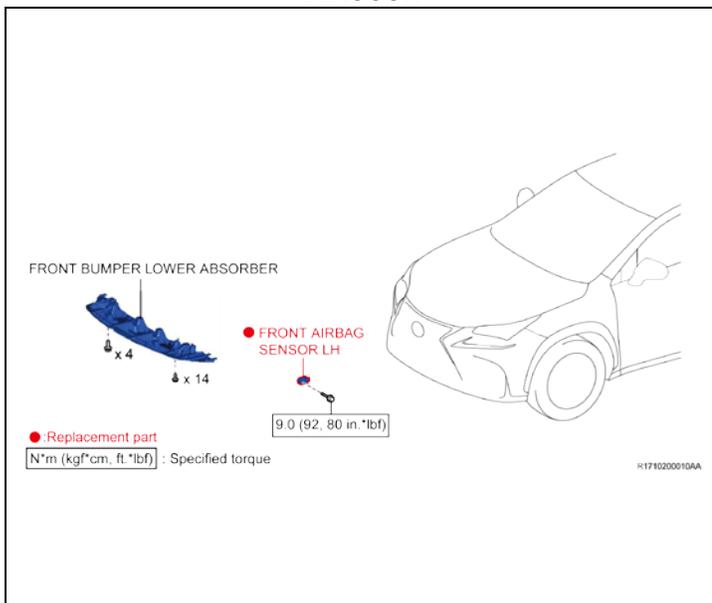


1. REMOVE AND REPLACE FRONT AIR BAG SENSOR RH

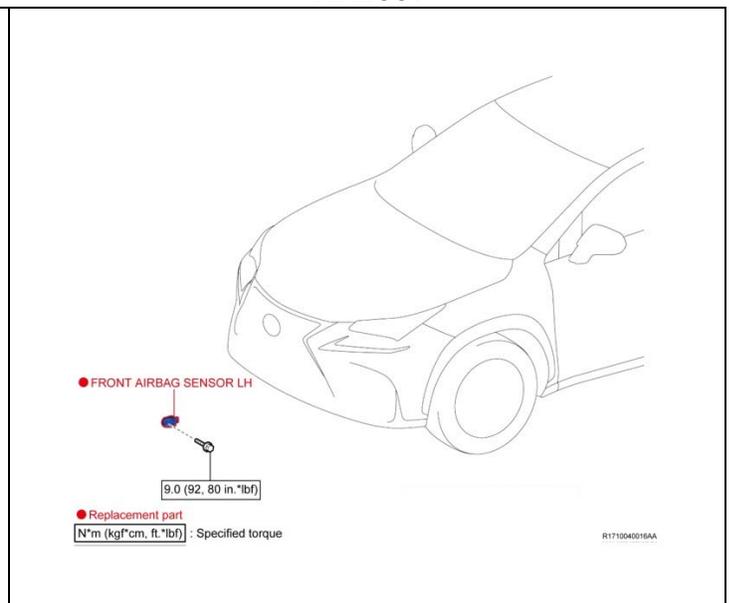
- Click the link to access the removal and installation instructions for the front air bag sensor RH on NX300h ([NX300h R&R FRONT AIR BAG SENSOR RH](#))
- Click the link to access the removal and installation instructions for the front air bag sensor RH on NX200t ([NX200t R&R FRONT AIR BAG SENSOR RH](#))

VII. REPLACE FRONT AIR BAG SENSOR LH (ADJACENT TO THE HEADLIGHT LH) COMPONENTS

NX300h



NX200t



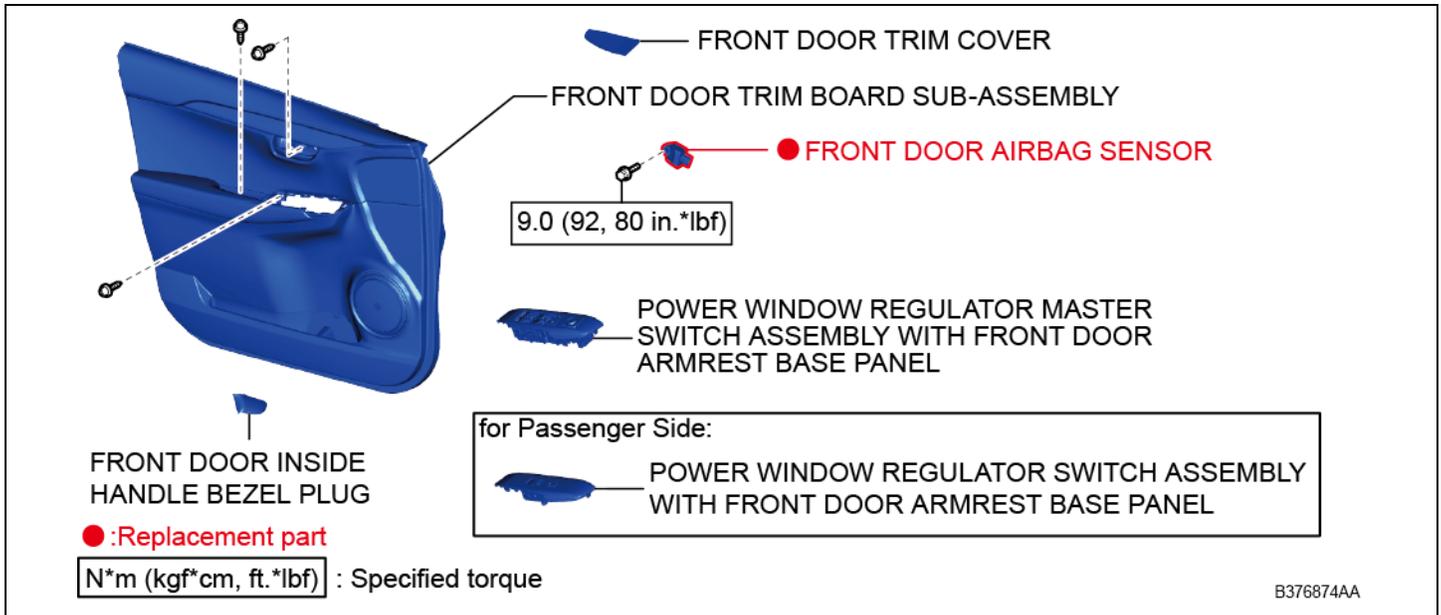
2. REMOVE AND REPLACE FRONT AIR BAG SENSOR LH

- Click the link to access the removal and installation instructions for the front air bag sensor LH on NX300h ([NX300h R&R FRONT AIR BAG SENSOR LH](#))
- Click the link to access the removal and installation instructions for the front air bag sensor LH on NX200t ([NX200t R&R FRONT AIR BAG SENSOR LH](#))

VIII. REPLACE FRONT DOOR AIR BAG SENSOR LH & RH (INSIDE FRONT DOOR)
 *Illustrations show left side only

COMPONENTS

NX300h and NX200t



3. REMOVE AND REPLACE FRONT DOOR AIR BAG SENSOR LH & RH

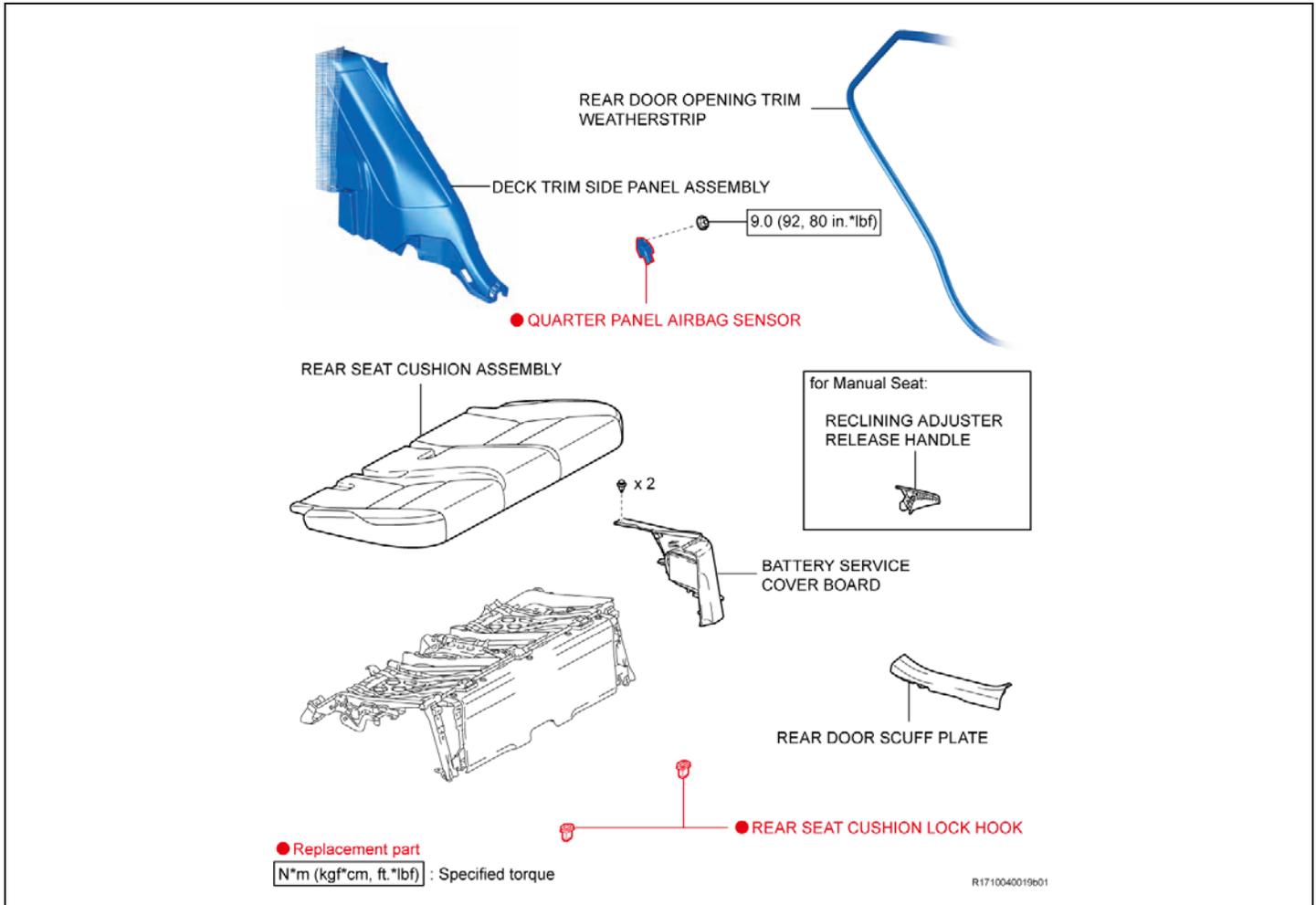
- a. Click the link to access the removal and installation instructions for the front door air bag sensor LH & RH on NX300h and NX200t ([NX300h & NX200t R&R FRONT DOOR AIR BAG SENSOR LH & RH](#))

IX. REPLACE QUARTER PANEL AIR BAG SENSOR LH & RH (ON THE FRONT SIDE OF THE QUARTER WHEEL HOUSE INNER PANEL)

*The illustrations show LH side only

COMPONENTS

NX300h and NX200t



4. REMOVE AND REPLACE QUARTER PANEL AIR BAG SENSOR LH & RH

- a. Click the link to access the removal and installation instructions for the quarter panel air bag sensor LH & RH on NX300h and NX200t ([NX300h & NX200t R&R QUARTER PANEL AIR BAG SENSOR LH & RH](#))

◀ VERIFY REPAIR QUALITY ▶

Check that there is no air bag light or DTC's
Check that you have replaced all NG sensors

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

10. APPENDIX

A. PARTS DISPOSAL

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

B. CAMPAIGN DESIGNATION DECORDER

