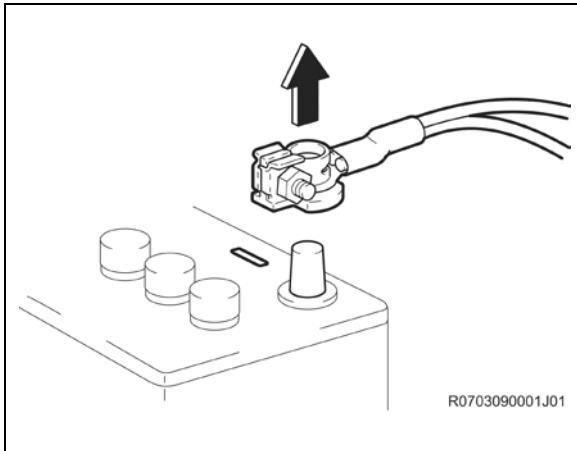


JLA RX Front Air Bag Sensor Replacement Instructions

1. RECORD SETTINGS OF THE AUDIO SYSTEM, AIR CONDITIONER, ETC.

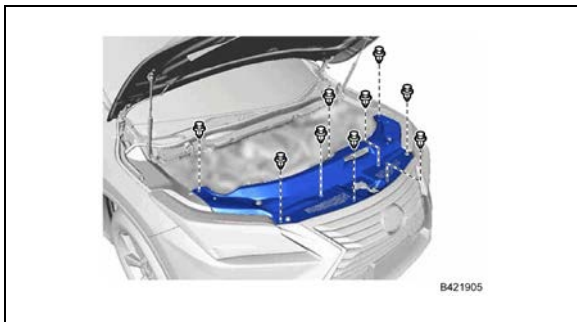
- a) For devices such as the audio system, air conditioner, etc, record current settings before the negative (-) battery terminal is disconnected.



2. DISCONNECT NEGATIVE BATTERY CABLE



- Wait at least 90 seconds after disconnecting the cable from the negative battery terminal to prevent airbag and seat belt pretensioner deployment.
- For models with a HDD navigation system, wait at least 6 minutes before disconnecting the battery. It takes approximately 6 minutes for the system to save information and settings after the engine switch is turned off.
- Follow all precautions as outlined on TIS before servicing the SRS system.



3. REMOVE COOL AIR INTAKE DUCT SEAL

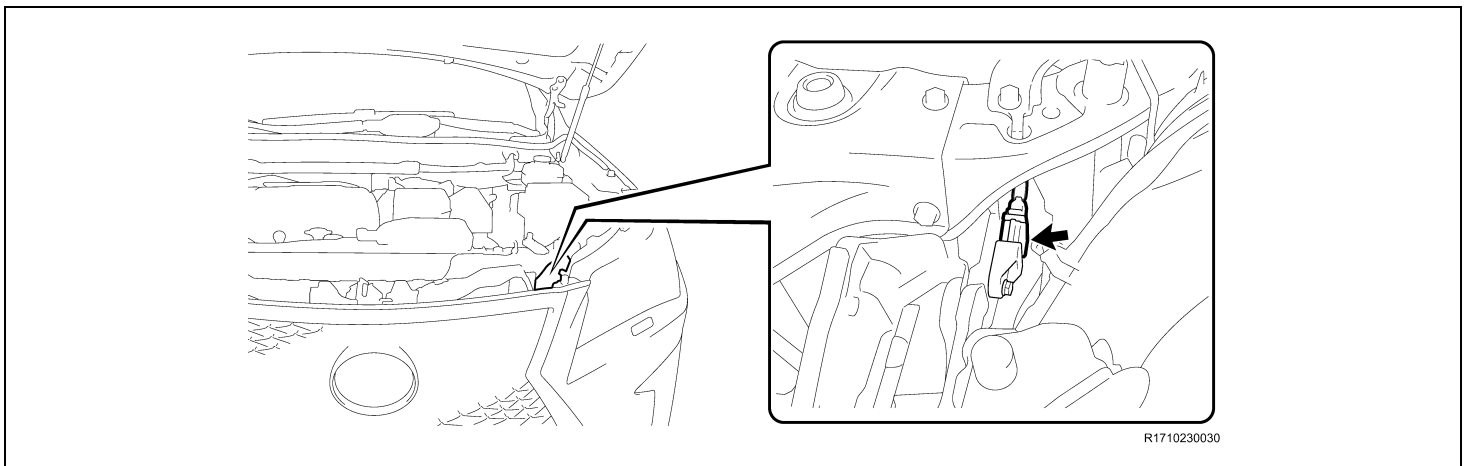
- a) Remove the 9 clips and cool air intake duct seal.

4. REMOVE FRONT AIRBAG SENSOR

- a) Disconnect the connector following the steps below.



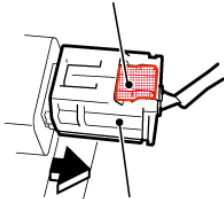
- This special connector has a double locking mechanism and needs to be handled with care.
- DO NOT apply pressure on the wire harness.



- (1) To unlock the first lock, keep pushing down the white housing lock and then slide the yellow CPA towards the wire harness.
- (2) To unlock the second lock, keep pushing down the white housing lock again and disconnect the connector.

[Unlock the first lock]

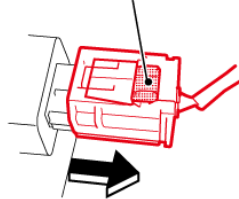
- ① Keep pushing down the white housing lock.



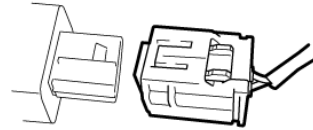
- ② Slide the yellow CPA.

[Unlock the second lock]

- ③ Keep pushing down the white housing lock.



- ④ Disconnect the connector.

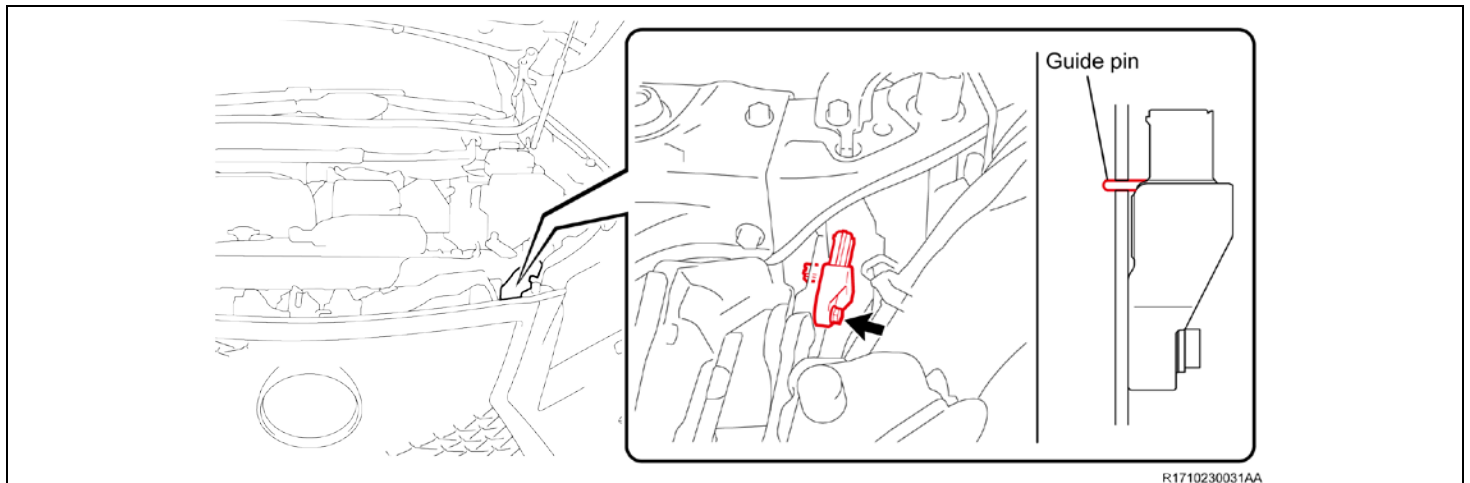


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- b) Remove the bolt while holding the front airbag sensor.
- c) Mark and store the removed front airbag sensor in a separate container so as not to reinstall it in error.



If you **DO NOT** hold the sensor, it may be rotated together with the bolt and the guide pin may be broken.



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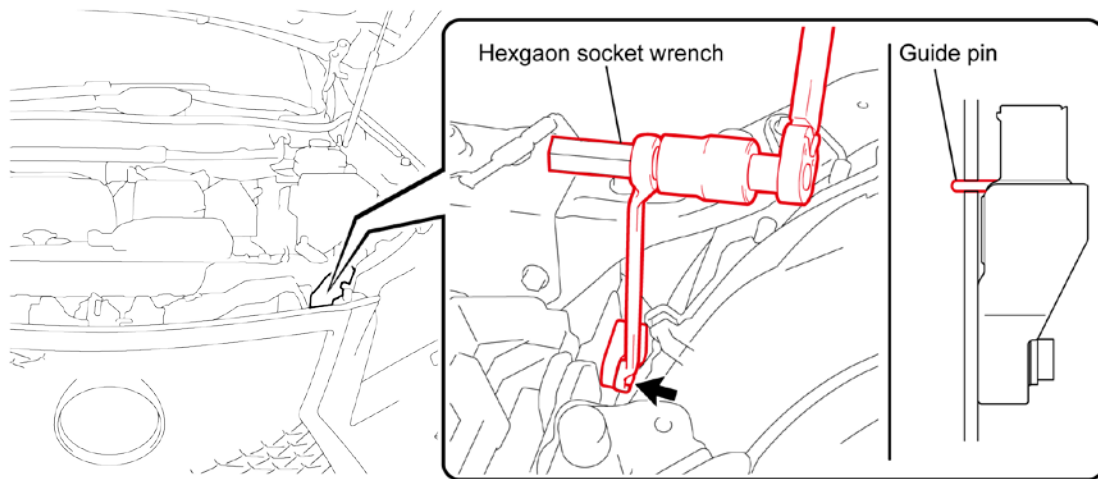
5. INSTALL A **NEW** FRONT AIRBAG SENSOR

- a) Engage the guide pin of a **NEW** front airbag sensor and hold it in place.
- b) Using a hexagon socket wrench and offset wrench, install the bolt.

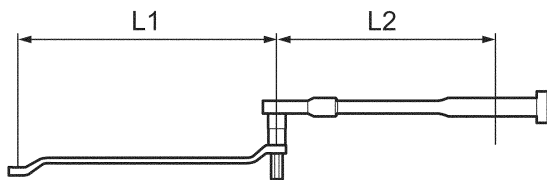
Torque: 9.0 N*m (92 kgf*cm, 80 in.*lbf)



- **DO NOT** use a sensor which has been affected by strong shocks such as a drop during work.
- If you **DO NOT** hold the sensor, it may be rotated together with the bolt and the guide pin may be broken.



【Torque values for use of an extended tool】



$$T' = T \times L2 / (L1 + L2)$$

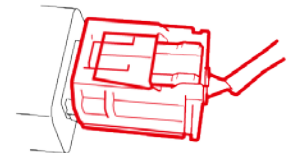
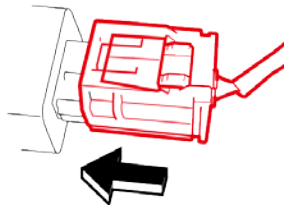
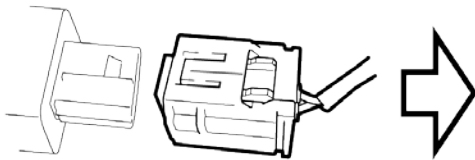
T'	Reading value of torque wrench [N*m(kgf*cm, ft.*lbf)]
T	Specified torque [N*m(kgf*cm, ft.*lbf)]
L1	Effective range of the extended tool [mm]
L2	Effective range of the torque wrench [mm]

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- c) Engage the connector of the **NEW** front airbag sensor holding the sides of its yellow CPA (a click sound can be heard).

【First lock】

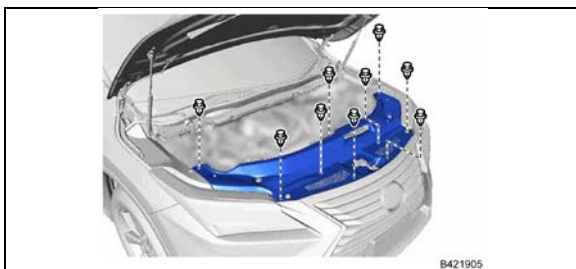
【Second lock】



“Click”

Slide the yellow CPA.

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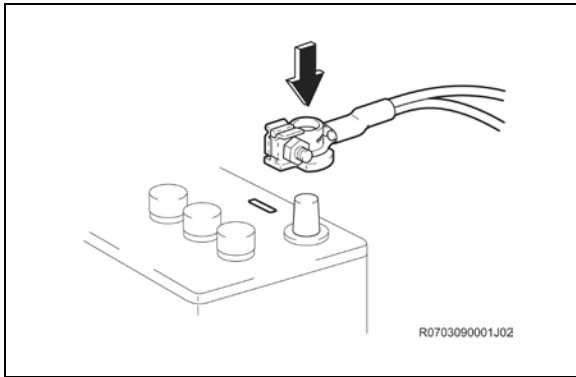


6. REINSTALL COOL AIR INTAKE DUCT SEAL

- a) Reinstall the cool air intake duct seal with the 9 clips.



Before carrying out the following procedures, replace another sensor if needed.



7. RECONNECT NEGATIVE BATTERY CABLE

8. INSPECT THE AIRBAG SENSORS USING THE JUDGMENT SOFTWARE

9. RESTORE VEHICLE

- a) Perform system initializations.