



Disclaimers

1. Use of Technical Information

The technical information published on this website is intended and made available only to users who have the necessary professional and technical skills, knowledge and qualifications, as well as the necessary equipment and tools. Specific repair or maintenance operations must be performed with the appropriate specified equipment and tools, and replacement parts or components. Any repair or maintenance operation undertaken by any user of this website on the basis of, as a result of or in connection with the technical information published on this website is performed under the sole responsibility of such user, and Toyota Motor Europe NV/SA, any of its affiliated companies and/or any of its national distributors cannot be held liable for any bodily injury, damage to property, loss, expenses or any other damage, or any infringement to any laws or regulations, as a result of any such repair or maintenance operation.

2. Warranty information contained within these documents

Any information which specifically relates to the terms and conditions of any specific warranty action undertaken by Toyota Motor Europe NV/SA, any of its affiliated companies and/or any of its national distributors, and which is included in any document published on this website, does not constitute technical information. Such information relates to past warranty actions undertaken by Toyota Motor Europe NV/SA, any of its affiliated companies and/or any of its national distributors, and, as a consequence, neither Toyota Motor Europe NV/SA nor any of its affiliated companies or any of its national distributors are bound by such warranty actions, or any term and condition thereof. Under no circumstances shall such information constitute any undertaking, commitment or promise by Toyota Motor Europe NV/SA, any of its affiliated companies and/or any of its national distributors to apply, extend or renew such warranty action.

3. Upgrade or repair entitlement

The fact that a piece of technical information which relates to a specific upgrade or repair work for any specific range of vehicles has been published on this website, and that the vehicle belonging or used by a user of this website falls within such range, does not, as such, mean that the user's vehicle effectively needs to be upgraded or repaired or that they would be entitled to such upgrade or repair, whether against payment or under any warranty action.



BE-0002L-0110-EN

Technical Service Bulletin

11/01/2010

Subject:

Water leaking into cabin due to blocked air conditioning drain tube

Models:

IS220d, IS250, GS300, GS430, GS450h

Model codes:

ALE20, GSE20, GRS190, UZS190, GWS191

BODY
ELECTRICAL

4 pages

INTRODUCTION

This Technical Service Bulletin is to inform you of the production change and repair method for the subject concern. Applicable to vehicles produced before the production change effective VIN's / frame numbers shown below.

DESCRIPTION OF PHENOMENON

Some customers may experience water on the front or rear carpets of the vehicle due to the HVAC evaporator drain becoming blocked by debris.

PRODUCTION CHANGE

An improved HVAC evaporator drain and packing have been made available.

PRODUCTION CHANGE INFORMATION

Model code	Plant	Production change effective VIN	Implementation date
ALE20	KYUSHU	JTHBB262002019982	April 2007
GSE20		JTHBK262802048825	
	TAHARA	JTHBK262475043078	
GRS190		JTHBG96S675052472	
UZS190		JTHBN96S275017563	
GWS191		JTHBC96S375010336	

PARTS INFORMATION

Previous part number	Current part number	Part name	Quantity
N/A	88578-30870	Packing Cooler	1
N/A	87128-30050	Grommet, Heater	

Note: Parts replacement is only needed for GS430 and GS450h for other models please use alternative procedure.



REPAIR PROCEDURE

• For IS220d, IS250 & GS300 (alternative procedure)

<Preparation>

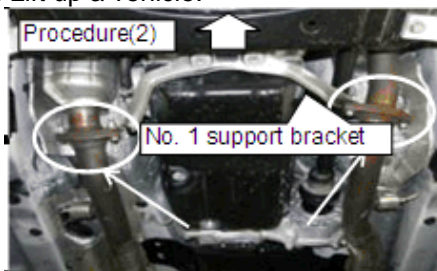


Warning:

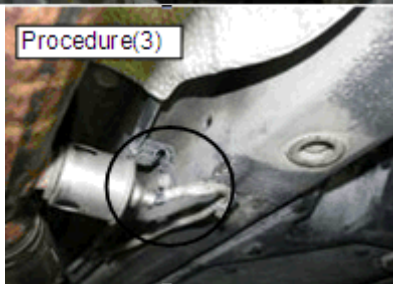
Exhaust pipes might be very hot whenever vehicle is incoming immediately after driving.

<Procedure> (below e.g IS250 A/T, procedure might be slightly different for other models)

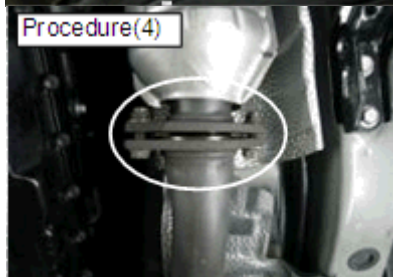
1. Lift up a vehicle.



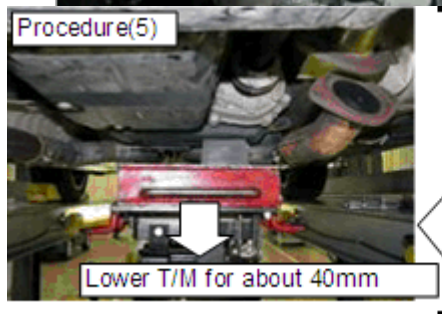
2. Remove a support bracket No.1 between exhaust manifold and exhaust pipe.



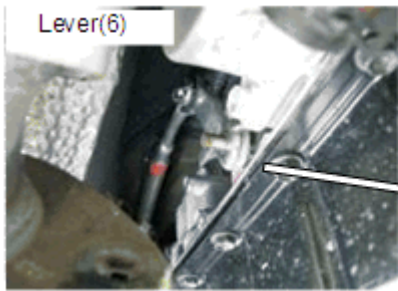
3. Remove Oxygen Sensors wire from clamps.



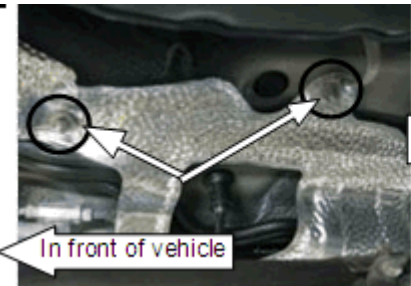
4. Loose bolts between exhaust manifold and exhaust pipe No. 1.



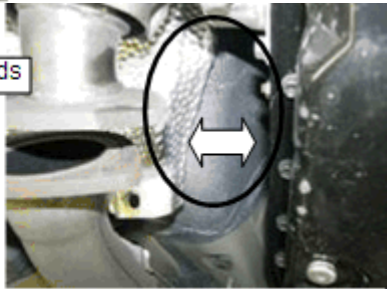
5. Support the T/M mount with a T/M Jack and lower T/M for 40mm.



6. Remove automatic transmission shift lever.

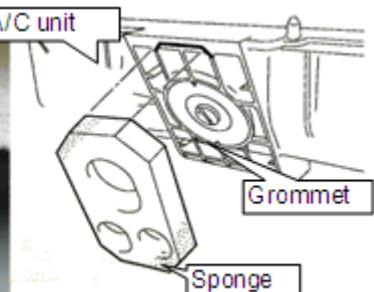
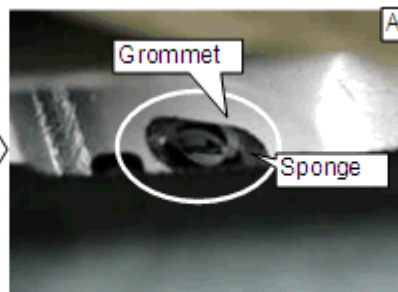


7. Remove insulators or bend them away to prevent injuries and to make more space.

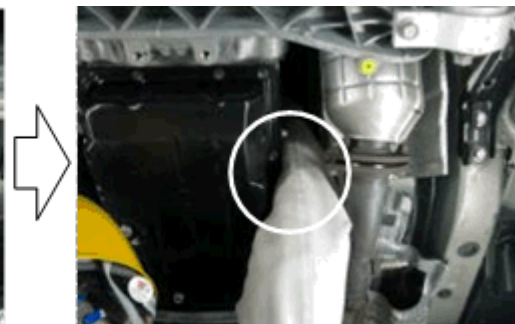


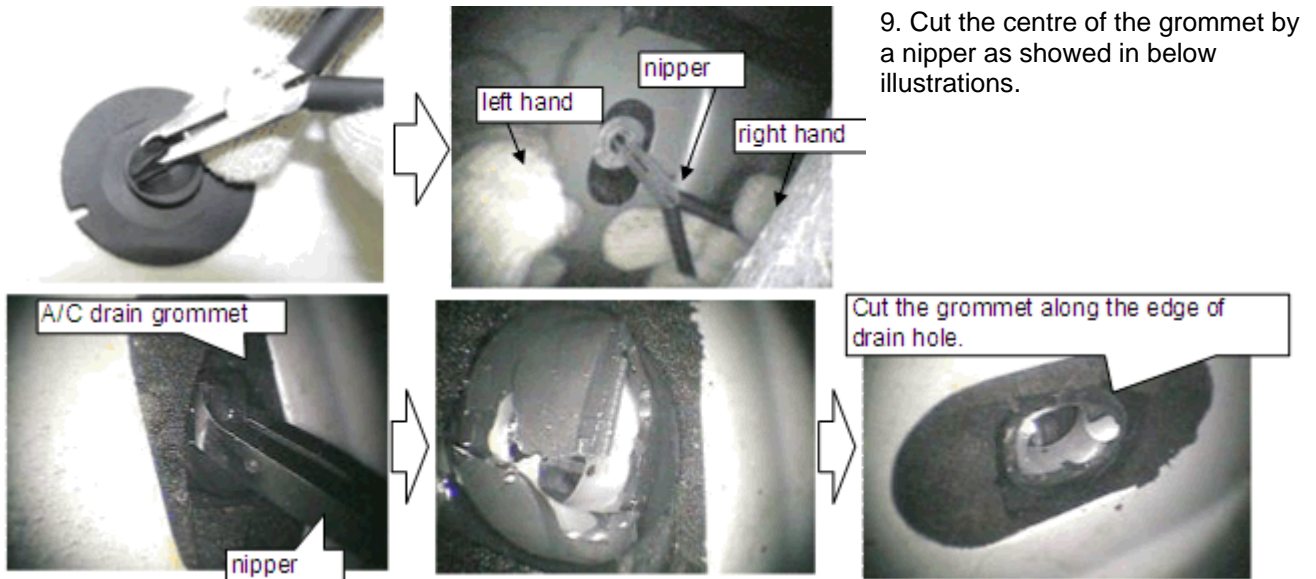
8. Confirm A/C drain position

8.1 by visual confirmation:



8.2 confirmation by hand:





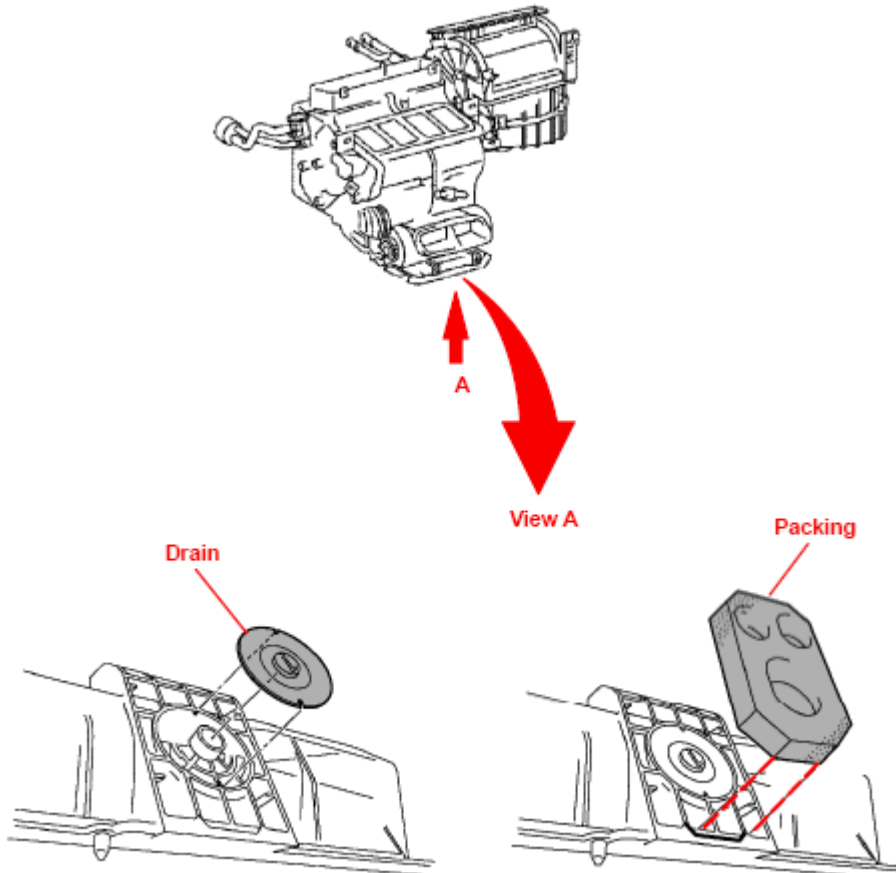
9. Cut the centre of the grommet by a nipper as showed in below illustrations.

10. Re-install all removed parts in reversed order.

11. Lift the vehicle down.

• **For GS430 & GS450h**

- 1. Remove the air conditioning unit.
Refer to TechDoc for R&R of air conditioning unit.
- 2. Remove the HVAC evaporator drain and packing.



- 3. Install the NEW HVAC evaporator drain and packing to the air conditioning unit.
- 4. Install the air conditioning unit.