


HVAC Odor

Service Category Vehicle Interior

Section Heating/Air Conditioning

Market USA

Lexus Supports
ASE Certification 

Applicability

YEAR(S)	MODEL(S)	ADDITIONAL INFORMATION
2006 – 2008	GS300, GS350, GS430, GS450H, GS460	

TSIB SUPERSESSION NOTICE

The information contained in this TSIB supersedes TSIB No. AC002–06.

- Applicability has been updated to include 2007-2008 model year applicable vehicles.

TSIB No. AC002–06 is Obsolete and any printed versions should be discarded. Be sure to review the entire content of this service bulletin before proceeding.

Introduction

Some customers may experience an intermittent climate control system odor. An A/C amplifier logic improvement, non-charcoal interior cabin filter, and improved evaporator sub-assembly have been made available to decrease this odor in the vehicle.

Production Change Information

This TSIB applies to vehicles produced **BEFORE** the Production Change Effective VINs shown below.

MODEL	DRIVETRAIN	PRODUCTION CHANGE EFFECTIVE VIN
GS300	All	All
GS350	2WD	JTHBE96S#80036549
	AWD	JTHCE96S#80017618
GS430	All	All
GS460	2WD	JTHBL96S#85002310

HVAC Odor

Warranty Information

OP CODE	DESCRIPTION	PROCEDURE	TIME	OFF	T1	T2
883611	R & R Evaporator Sub-Assembly	A	4.4	88501-3A1##	60	54
AC8012	R & R Evaporator Sub-Assembly and A/C Amplifier Assembly	A and B	4.9	88650-30###	60	99

APPLICABLE WARRANTY

- This repair is covered under the Lexus Comprehensive Warranty. This warranty is in effect for 48 months or 50,000 miles, whichever occurs first, from the vehicle's in-service date.
- Warranty application is limited to correction of a problem based upon a customer's specific complaint.

Parts Information

MODEL	PREVIOUS PART NUMBER	CURRENT PART NUMBER	PART NAME	QTY
GS 300/350/430/460	88501-3A110	88501-3A160	Evaporator, Sub-Assy	1
GS450h	88501-3A100 88501-3A120	88501-3A180		1
GS 300	88650-30A80	88650-30B82	Amplifier Assembly, Air Conditioner (w/o Climate Control Seat)	1
GS 430	88650-30B10	88650-30B93	Amplifier Assembly, Air Conditioner (w/ Climate Control Seat)	1
All GS Models	87139-30070	87139-07010	Filter, Clean Air	1

Required Tools & Equipment

SPECIAL SERVICE TOOLS (SST'S)	PART NUMBER	QTY
Plastic Pry Tool Set*	00002-06000-01	1
R134a recovery machine or equivalent	N/A	1

* Essential SST.

NOTE

Additional SSTs may be ordered by calling SPX/OTC at 1-800-933-8335.

HVAC Odor

Applicability

Please refer to the following tables to determine the proper method of repair.

MODEL	DRIVETRAIN	VIN RANGE	REPAIR PROCEDURE
GS300	2WD	Up to JTHBH96S#65017653	A and B
		JTHBH96S#65017653 and Above	A
	AWD	Up to JTHCH96S#60009784	A and B
		JTHCH96S#60009784 and Above	A
GS350	2WD	Up to JTHBE96S#80036549	A
	AWD	Up to JTHCE96S#80017618	A
GS430	2WD	Up to JTHBN96S165007217	A and B
		JTHBN96S165007217 and above	A
GS460	2WD	Up to JTHBL96S#85002310	A
GS450h	2WD	Up to JTHBC96S#85015005	A

Repair Procedure A

Removal Procedure

Remove and replace the evaporator sub-assembly

Refer to the Technical Information System (TIS), applicable model year repair manual, *Vehicle Interior-Heating/Air Conditioning- "Air Conditioning Unit: Removal"*

- [2006](#) GS 300
- [2007/2008](#) GS 350
- [2006/2007](#) GS 430
- [2007/2008](#) GS 450h
- [2008](#) GS 460

Disassembly Procedure

Refer to the TIS:

Refer to the Technical Information System (TIS), applicable model year repair manual, *Vehicle Interior-Heating/Air Conditioning- "Air Conditioning Unit: Disassembly"*

- [2006](#) GS 300

HVAC Odor

Repair Procedure A

Disassembly Procedure (Continued)

- [2007/2008](#) GS 350
- [2006/2007](#) GS 430
- [2007/2008](#) GS 450h
- [2008](#) GS 460

Reassembly Procedure

Refer to the TIS, *Vehicle Interior–Heating/Air Conditioning– "Air Conditioning Unit: Reassembly"*

- [2006](#) GS 300
- [2007/2008](#) GS 350
- [2006/2007](#) GS 430
- [2007/2008](#) GS 450h
- [2008](#) GS 460

Installation Procedure

Refer to the TIS, *Vehicle Interior–Heating/Air Conditioning– "Air Conditioning Unit: Installation"*

- [2006](#) GS 300
- [2007/2008](#) GS 350
- [2006/2007](#) GS 430
- [2007/2008](#) GS 450h
- [2008](#) GS 460

Repair Procedure B

1. Remove and replace the A/C amplifier.

Refer to the Technical Information System (TIS), 2006 model year GS 300 or GS 430 Repair Manual: *Air Conditioning: Air Conditioning Amplifier: [Components/Removal/Installation](#).*

HVAC Odor

Repair Procedure B (Continued)

2. Reinitialize the power systems of the vehicle. Refer to TSIB No. [PD009-06](#), "Power System Initialization During PDS".

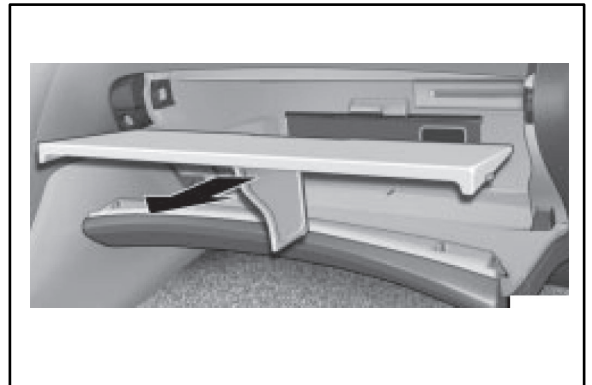
Clean Air Filter Replacement Procedures

1. Turn the air intake control to recirculated air mode

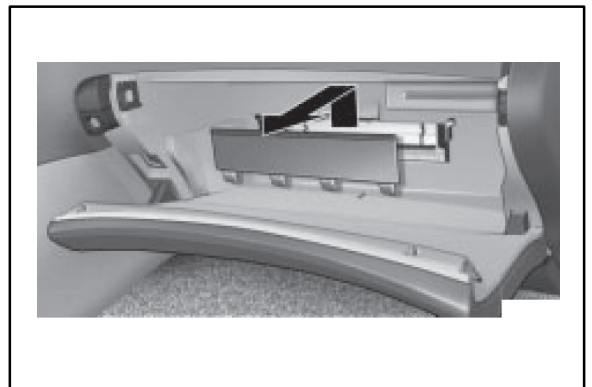
NOTE

The filter case cannot be removed from the vehicle when the air intake is set to fresh air mode

2. Turn the vehicle "OFF"
3. Open the glove box and remove the partition by pulling it toward you.



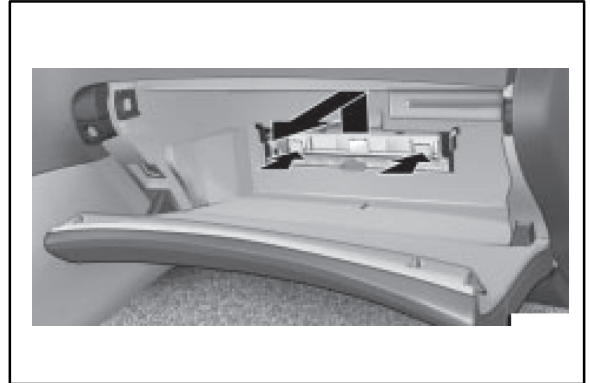
4. Pull the filter cover toward you.



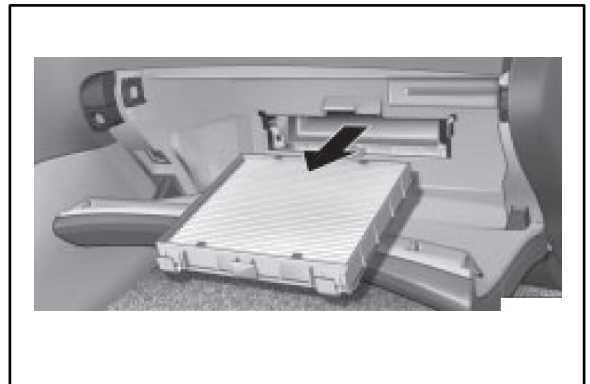
HVAC Odor

Clean Air Filter Replacement Procedures (Continued)

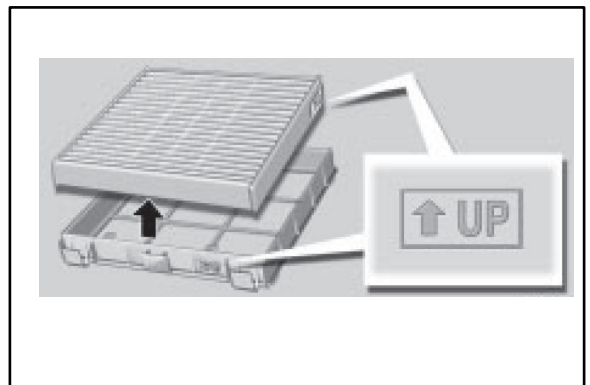
5. Push the tabs and pull the filter case toward you.



6. Take out the filter.



7. Remove the filter from the filter case.



8. Install the NEW filter and reassemble in reverse order of disassembly.

NOTE

When installing the filter to the filter case, the UP marks on the filter and filter case should be observed and fitted as shown.