


HVAC Odor

Service Category Vehicle Interior

Section Heating/Air Conditioning

Market USA

Lexus Supports
ASE Certification 

Applicability

YEAR(S)	MODEL(S)	ADDITIONAL INFORMATION
2008 – 2011	GS350, GS460	
2011	IS F, IS250, IS350	
2010 – 2011	IS250C, IS350C	

REVISION NOTICE

December 3, 2012 Rev1:

- The Introduction section has been updated.
- The Parts information section has been updated.

Any previous printed versions of this bulletin should be discarded.

Introduction

Under certain climatic conditions, some vehicles may exhibit an unpleasant odor coming from the face level HVAC vents during the initial 10 – 30 seconds of HVAC system operation. An HVAC Amplifier is now available with updated logic that will direct air away from the face level vents under certain temperature conditions during the first 10 – 30 seconds of HVAC operation.

This bulletin does NOT apply if the vehicle exhibits the following conditions:

- The unpleasant odor continues after the initial 10 – 30 seconds of HVAC system operation.
- The unpleasant odor does not begin immediately after the HVAC system is turned ON.
- The unpleasant odor is present with the HVAC system OFF.

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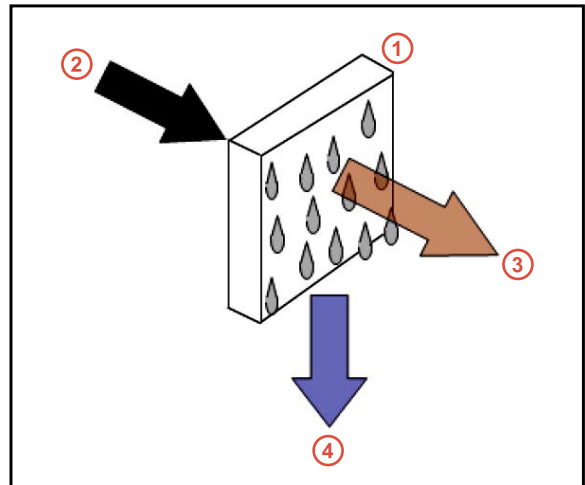
Introduction (Continued)

NOTE

If these conditions exist, consider the following information when diagnosing the source of AC odors:

- During use, various odors from inside and outside the vehicle may enter into and accumulate in the air conditioning system. This may then cause odor to be emitted from the vents.
- Odors coming from the outside air and interior can accumulate on the evaporator. As the evaporator core changes temperature, some of these odors may be released resulting in an unpleasant smell from the HVAC vents.
- Interior odors from sources such as air fresheners, animals, dirt, or trash can also accumulate within the HVAC system and contribute unpleasant odors.
- Setting the air conditioning system to the outside air (Fresh) mode prior to turning the vehicle OFF can help to minimize these odors from accumulating.

Figure 1.



1	Evaporator
2	Odor Source
3	Insoluble Odors Are Blown into Vehicle's Interior
4	Water Soluble Odors Are Dissolved in the Moisture on the Evaporator and Drain out Evaporator Drain

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Production Change Information

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

MODEL	PLANT	DRIVETRAIN	PRODUCTION CHANGE EFFECTIVE VIN
GS 350	Tahara	2WD	JTHBE1KS#B0053633
		4WD	JTHCE1KS#B0030248
GS 460		2WD	JTHBL1KS#B5004420
IS 250		Tahara	2WD
	4WD		JTHCF5C2#B5049489
	TMK	2WD	JTHBF5C2#B2101319
		4WD	JTHCF5C2#B2035212
IS 350	Tahara	2WD	JTHBE5C2#B5027155
		4WD	JTHCE5C2#B5001565
IS 250C	TMK	2WD	JTHFF2C2#B2517403
IS 350C			JTHFE2C2#B2505702
IS F			Tahara

Warranty Information

OP CODE	DESCRIPTION	MODEL	TIME	OFF	T1	T2
AC9019	R & R AC Amplifier	GS 350/460	0.4	88650-30##0	60	54
		IS 250/350	0.4	88650-533#0		
		IS 250C/350C	0.4			
		IS F	0.4	88650-53310		

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 occurrence of the specified condition described in this bulletin.

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Parts Information

MODEL	PREVIOUS PART NUMBER	CURRENT PART NUMBER	PART NAME	QTY
2008-2011 GS 350/460	88650-30K31	88650-30L81	Amplifier Assy, Air Conditioner	1
	88650-30K41	88650-30L91		1
	88650-30K51	88650-30M01		1
	88650-30K61	88650-30M11		1
	88650-30L80	88650-30L81		1
	88650-30L90	88650-30L91		1
	88650-30M00	88650-30M01		1
	88650-30M10	88650-30M11		1
2011 IS 250/350	88650-53310	88650-53311		1
	88650-53320	88650-53321		1
2010-2011 IS 250C/350C	88650-53230	88650-53361		1
	88650-53240	88650-53371		1
	88650-53360	88650-53361		1
	88650-53370	88650-53371		1
2011 IS F	88650-53310	88650-53311		1

Repair Procedure

1. Duplicate the condition by performing the following:
 - A. Park the vehicle outside.
 - B. Set the HVAC system to Low Fan Speed and Face Mode (72 degrees).
 - C. Turn the HVAC system "OFF".
 - D. Turn the vehicle "OFF".
 - E. Let the vehicle sit for at least 2 hours.
 - F. Turn the vehicle "ON".
 - G. Turn ON the HVAC system.

NOTE

If the unpleasant odor does not start immediately after the HVAC system is turned "ON" or continues for more than 30 seconds this bulletin does NOT apply.

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Repair Procedure (Continued)

2. Remove the A/C amplifier.

Refer to the Technical Information System (TIS), applicable model and model year Repair Manual:

- [2008](#) / [2009](#) / [2010](#) / [2011](#) GS 350/460:
Vehicle Interior – Heating/Air Conditioning – “Air Conditioning: Air Conditioning Amplifier: Removal”
- [2011](#) IS 250/350:
Vehicle Interior – Heating/Air Conditioning – “Air Conditioning: Air Conditioning Amplifier: Removal”
- [2010](#) / [2011](#) IS 250C/350C:
Vehicle Interior – Heating/Air Conditioning – “Heating/Air Conditioning: Air Conditioning Amplifier: Removal”
- [2011](#) IS F:
Vehicle Interior – Heating/Air Conditioning – “Heating/Air Conditioning: Air Conditioning Amplifier: Removal”

3. Install the updated A/C amplifier. Refer to the Technical Information System (TIS), applicable model and model year Repair Manual:

- [2008](#) / [2009](#) / [2010](#) / [2011](#) GS 350/460:
Vehicle Interior – Heating/Air Conditioning – “Air Conditioning: Air Conditioning Amplifier: Installation”
- [2011](#) IS 250/350:
Vehicle Interior – Heating/Air Conditioning – “Air Conditioning: Air Conditioning Amplifier: Installation”
- [2010](#) / [2011](#) IS 250C/350C:
Vehicle Interior – Heating/Air Conditioning – “Heating/Air Conditioning: Air Conditioning Amplifier: Installation”
- [2011](#) IS F:
Vehicle Interior – Heating/Air Conditioning – “Heating/Air Conditioning: Air Conditioning Amplifier: Installation”