


HVAC Odor

Service Category Vehicle Interior

Section Heating/Air Conditioning

Market USA

Lexus Supports
ASE Certification 

Applicability

YEAR(S)	MODEL(S)	ADDITIONAL INFORMATION
2010 – 2011	RX350	

REVISION NOTICE

January 8, 2013 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 climactic conditions, some customers may experience an unpleasant odor coming from the face level HVAC vents during the initial 10 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 seconds of HVAC operation.

This Service bulletin does NOT apply to the following conditions:

- The unpleasant odor continues after the initial 10 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

HVAC Odor

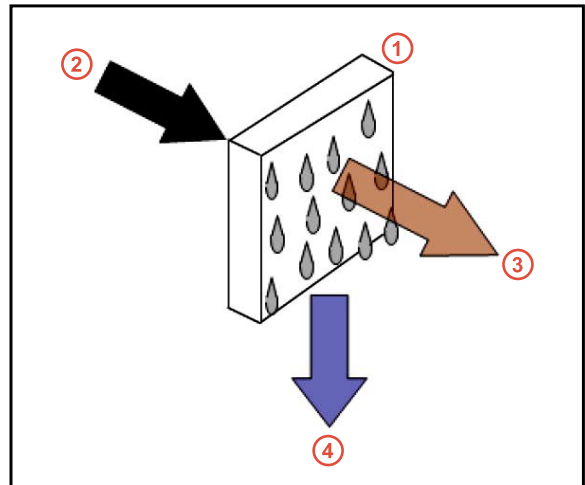
Introduction (Continued)

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 the following vehicles:

- ALL 2010 RX350 vehicles.
- ALL 2011 RX350 vehicles produced **BEFORE** the Production Change Effective VINs shown below.

MODEL	PLANT	DRIVETRAIN	PRODUCTION CHANGE EFFECTIVE VIN
RX350	TMC	FF	JTJZK1BA#B2003353
		AWD	JTJBK1BA#B2012108
		FF	JTJZK1BA#B2411378
		AWD	JTJBK1BA#B2433860
	TMMC	FF	2T2ZK1BA#BC049576
		AWD	2T2BK1BA#BC095008

Parts Information

PREVIOUS PART NUMBER	CURRENT PART NUMBER	PART NAME	QTY
88650-48460	88650-48461	Amplifier Assy, Air Conditioner	1
88650-48470 88650-48350 88650-48351	88650-48471		1
88650-0E031	88650-0E032		1
88650-0E041	88650-0E042		1

Warranty Information

OP CODE	DESCRIPTION	TIME	OFF	T1	T2
AC1005	R & R AC Amplifier	0.7	88650-#####	60	54

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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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.
 - C. Turn the HVAC system OFF.
 - D. Turn the vehicle OFF.
 - E. Let the vehicle sit for at least 2 hours.
 - F. Turn 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 TSIB does not apply.

2. Remove the A/C Amplifier. Refer to the Technical Information System (TIS), applicable model and model year Repair Manual:
 - [2010 \(to 08/2009\)](#) / [2010 \(from 08/2009\)](#) / [2011](#) RX 350:
Vehicle Interior – Heating/Air Conditioning – “Air Conditioning Amplifier: Removal”
3. Install the updated A/C amplifier. Refer to TIS, applicable model and model year Repair Manual:
 - [2010 \(to 08/2009\)](#) / [2010 \(from 08/2009\)](#) / [2011](#) RX 350:
Vehicle Interior – Heating/Air Conditioning – “Air Conditioning Amplifier: Installation”
4. Verify Proper HVAC System Operation