

HVAC Odor Maintenance

Service Category Vehicle Interior

Section Heating/Air Conditioning

Market USA

Lexus Supports
ASE Certification 

Applicability

YEAR(S)	MODEL(S)	ADDITIONAL INFORMATION
2006 – 2014	CT200H, ES300H, ES350, GS300, GS350, GS430, GS450H, GS460, GX460, GX470, HS250H, IS F, IS250, IS250C, IS350, IS350C, LFA, LS460, LS600H, LX570, RX350, RX400H, RX450H	

Introduction

Some 2006 – 2014 model year Lexus vehicles may exhibit odors naturally occurring from the HVAC system and/or related environmental factors. Although there is no way to eliminate these odors, follow the General Procedure in this bulletin to minimize the odors experienced.

Warranty Information

OP CODE	DESCRIPTION	TIME	OFD	T1	T2
N/A	Not Applicable to Warranty	–	–	–	–

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Parts Information

MODEL	MODEL YEAR	PART NUMBER	PART NAME
GS 350/450h	2013 – 2014	87139-30100	High Performance Charcoal Filter
IS 250/350	2014		
CT 200h	2011 – 2014	87139-50100	
ES 350	2007 – 2014		
ES 300h	2013 – 2014		
GS 300/350/430/450h/460	2006 – 2011		
GX 460	2010 – 2014		
HS 250h	2010 – 2012		
IS 250/350	2006 – 2013		
IS 250C/350C	2010 – 2014		
IS F	2008 – 2014		
LFA	2012		
LS 460	2007 – 2014		
LS 600h	2008 – 2014		
LX 570	2008 – 2014		
RX 350/450h	2010 – 2014		
GX 470	2006 – 2009	87139-33010	
RX 350	2007 – 2009		
RX 450h	2006 – 2008		

General Procedure

When diagnosing HVAC odors it is important to remember the following possible causes:

- During use, various odors from inside and outside the vehicle may enter into and accumulate in the air conditioning system. These odors may then 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 to unpleasant odors.
- Odors emitted from the A/C system are a normal characteristic of automotive A/C systems.
- It is normal to experience odor upon the initial startup due to the moist/humid air that is trapped in the HVAC system, after the vehicle has been parked.

HVAC Odor Maintenance

General Procedure (Continued)

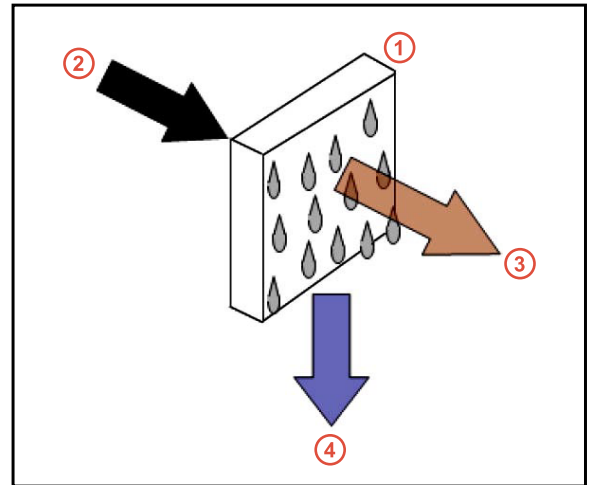
NOTE

This procedure will NOT eliminate the odors experienced, but it's provided to help reduce the intensity of these odors.

1. Confirm the condition as described in the introduction.

If the condition is constant or is caused by outside influences (such as debris) this bulletin may not be effective in reducing the odors experienced.

Figure 1.



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

2. Advise the customer to set the HVAC system to the outside (fresh) air mode when parking the vehicle to assist in the reduction of odors that could be trapped in the HVAC system.
3. Replace the HVAC filter on an annual basis or every 10,000 miles with a charcoal impregnated filter (refer to Parts Information for correct part).
4. If the condition still persists, conduct an A/C evaporator cleaning service on an annual or bi-annual basis depending on climate conditions and customer preference.

NOTE

If the A/C evaporator cleaning service is NOT performed prior to the installation of the High Performance Filter, the filter may take several days to produce a noticeable improvement in the A/C Odor.