

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 - 2020	CT200H, ES300H, ES350, GS F, GS200T, GS300, GS350, GS430, GS450H, GS460, GX460, GX470, HS250H, IS F, IS200T, IS250, IS250C, IS300, IS350, IS350C, LC500, LC500H, LFA, LS460, LS600H, LX570, NX200T, NX300H, RC F, RC200T, RC300, RC350, RX350, RX400H, RX450H, UX200, UX250H	

REVISION NOTICE

July 31, 2019 Rev2:

- **Applicability has been updated to include 2018 – 2019 model year LC500 and LC500h and 2019 model year UX200 and UX250h vehicles.**
- **The Parts Information section has been updated.**

November 10, 2016 Rev1:

- **Applicability has been updated to include 2015 – 2017 model year Lexus vehicles.**
- **The Parts Information section has been updated.**

Any previous printed versions of this bulletin should be discarded.

Introduction

Some 2006 – 2020 model year Lexus vehicles may exhibit odors that naturally occur 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	OFF	T1	T2
N/A	Not Applicable to Warranty	–	–	–	–

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Parts Information

MODEL YEAR	MODEL	PART NUMBER	PART NAME	QTY
2006 – 2008	RX400, RX450h	87139-33010	High Performance Charcoal Filter	1
2006 – 2009	GX470			1
2006 – 2011	GS300, GS350, GS430, GS450h, GS460	87139-50100		1
2006 – 2013	IS250/350			1
2007 – 2009	RX350	87139-33010		1
2007 – 2017	LS460	87139-50100		1
2007 – 2018	ES350			1
2008 – 2014	IS F			1
2008 – 2016	LS600h			1
2008 – 2019	LX570			1
2010 – 2012	HS250h			1
2010 – 2014	IS250C, IS350C			1
2010 – 2015	RX350, RX450h			87139-0E040
2010 – 2019	GX460	87139-50100		1
2011 – 2017	CT200h			1
2012	LFA			1
2013 – 2018	ES300h			1
2013 – 2019	GS F, GS350, GS450h, GS200t	87139-30100		1
2014 – 2019	IS250, IS350, IS300, IS200t			1
2015 – 2020	NX200t, NX300h	87139-50100		1
	RC F, RC200t, RC300, RC350	87139-30100	1	
2016 – 2019	RX350, RX350L, RX450h, RX450hL	87139-0E040	1	
2018 – 2019	LC500, LC500h	87139-11010	1	
	LS500, LS500h	87139-50100	1	
2019	ES300h	87139-58010	1	
	ES350 (CBU)		1	
	ES350 (NAP)	87139-0E040	1	
	UX200		1	
	UX250h		1	
All	All	00289-ACRKT	Toyota Genuine A/C Refresher Kit	1

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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.

NOTE

The procedure in this bulletin will NOT eliminate the odors described, but is provided to help reduce intensity of the odors.

1. Confirm the condition exists.

Does the vehicle exhibit odors that naturally occur from the HVAC system and/or related environmental factors?

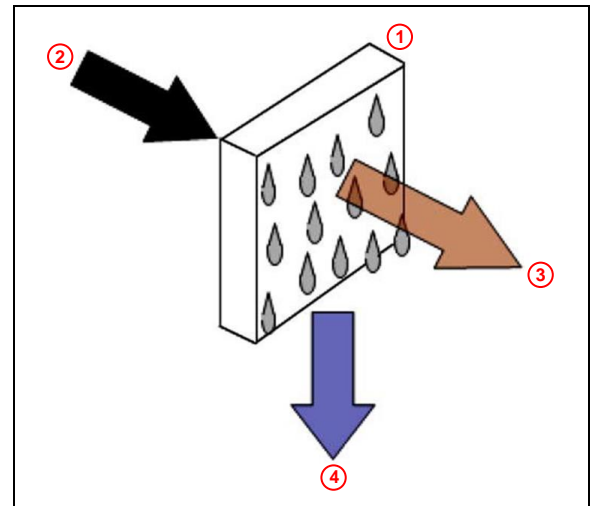
- **YES** — Continue to step 2.

NOTE

If the condition is constant or caused by outside influences, such as debris, this bulletin may NOT be effective in reducing the odors.

- **NO** — This bulletin does NOT apply. Continue diagnosis using the applicable Repair Manual.

Figure 1.



1	Evaporator
2	Odor Source
3	Insoluble Odors Blow Into Vehicle Interior
4	Water Soluble Odors Dissolve in Moisture on Evaporator and Drain Out Evaporator Drain

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General Procedure (continued)

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 the Parts Information section for the correct part).

4. If the odor condition persists, conduct an A/C evaporator cleaning service using a Toyota genuine A/C refresher kit (or equivalent) on an annual or bi-annual basis, depending on the climate conditions and customer preference.

NOTE

If the A/C evaporator cleaning service is NOT performed before installation of the high-performance filter, the filter may take several days to produce noticeable A/C odor improvement.