


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 | OFF | 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.

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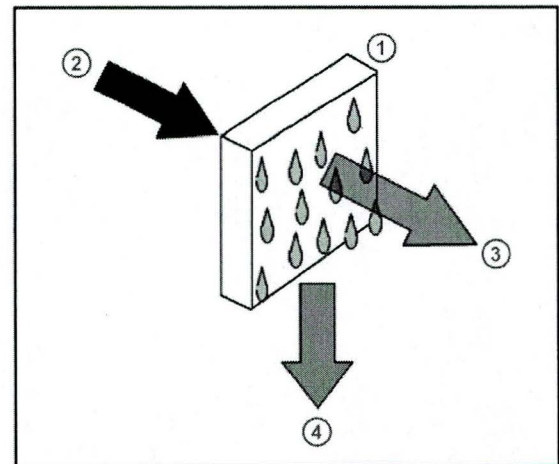
General Procedure (Continued)

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.