HVAC Odor Maintenance

Service Category Vehicle Interior

Section Heating/Air Conditioning **Market** USA

Toyota Supports ASE Certification

Applicability

YEAR(S)	MODEL(S)	ADDITIONAL INFORMATION
2004 – 2014	4Runner, Avalon, Avalon HV, Camry, Camry HV, Corolla, FJ Cruiser, Highlander, Highlander HV, Land Cruiser, Matrix, Prius, Prius C, Prius PHV, Prius V, RAV4, Sequoia, Sienna, Tundra, Venza, Yaris	

Introduction

Some 2004 – 2014 model year Toyota 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	OFP	T1	T2
N/A	Not Applicable to Warranty	–	–	–	–

Parts Information

MODEL	MODEL YEAR	PART NUMBER	PART NAME
4Runner	2010–2014	87139-50100	High Performance Charcoal Filter
Avalon	2007–2014		
Avalon HV	2013–2014		
Camry	2007–2014		
Camry HV	2007–2014		
Corolla	2009–2013		

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Parts Information (Continued)

MODEL	MODEL YEAR	PART NUMBER	PART NAME
Highlander	2008–2014	87139-50100	High Performance Charcoal Filter
Highlander HV	2008–2014		
Land Cruiser	2008–2014		
Matrix	2009–2014		
Prius	2010–2014		
Prius C	2012–2014		
Prius PHV	2010–2014		
Prius V	2012–2014		
RAV4	2006–2014		
Sequoia	2008–2014		
Sienna	2011–2014		
Tundra	2007–2013		
Venza	2009–2014		
Yaris	2007–2014		
Sienna	2004–2010	87139-33010	
FJ Cruiser	2007–2014		
Prius	2004–2009		

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)

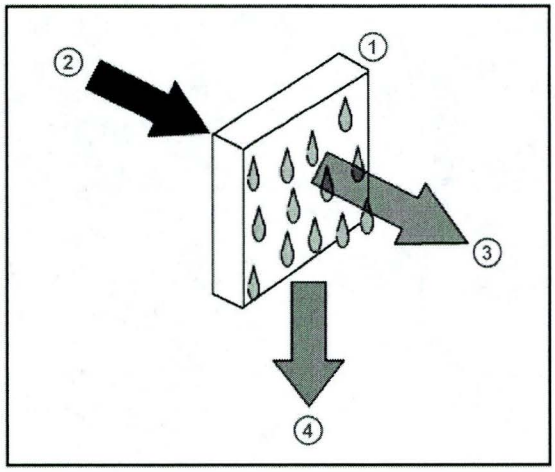
NOTE

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 Charcoal Filter, the filter may take several days to produce a noticeable improvement in the A/C odor.