

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 – 2017	4Runner, Avalon, Avalon HV, Camry, Camry HV, Corolla, FJ Cruiser, Highlander, Highlander HV, Land Cruiser, Matrix, Mirai, Prius, Prius C, Prius PHV, Prius V, RAV4, RAV4 EV, RAV4 HV, Sequoia, Sienna, Tundra, Venza, Yaris	

REVISION NOTICE

November 10, 2016 Rev2:

- Applicability has been updated to include 2016 – 2017 model year Toyota vehicles.
- Parts Information section has been updated.

April 9, 2015 Rev1:

- Applicability has been updated to include 2015 model year Toyota vehicles.
- Parts Information has been updated.

Any previous printed versions of this bulletin should be discarded.

Introduction

Some 2004 – 2017 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.

HVAC Odor Maintenance

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 – 2016	87139-50100	High Performance Charcoal Filter
Avalon	2007 – 2017		
Avalon HV	2013 – 2017		
Camry	2007 – 2017		
Camry HV	2007 – 2017		
Corolla	2009 – 2017		
Highlander	2008 – 2016		
Highlander HV	2008 – 2016		
Land Cruiser	2008 – 2017		
Matrix	2009 – 2013		
Mirai	2016 – 2017		
Prius	2010 – 2015		
Prius C	2012 – 2016		
Prius PHV	2010 – 2015		
Prius V	2012 – 2017		
RAV4 HV	2016 – 2017		
RAV4	2006 – 2017		
RAV4 EV	2012 – 2014		
Sequoia	2008 – 2016		
Sienna	2011 – 2017		
Tundra	2007 – 2017		
Venza	2009 – 2015		
Yaris	2007 – 2017		
Sienna	2004 – 2010	87139-33010	High Performance Charcoal Filter
FJ Cruiser	2007 – 2014	87139-47020	
Prius	2006 – 2009	87139-58010	
Prius	2016 – 2017	87139-58010	
ALL	ALL	00289-ACRKT	Toyota Genuine A/C Refresher kit

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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.
- 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.

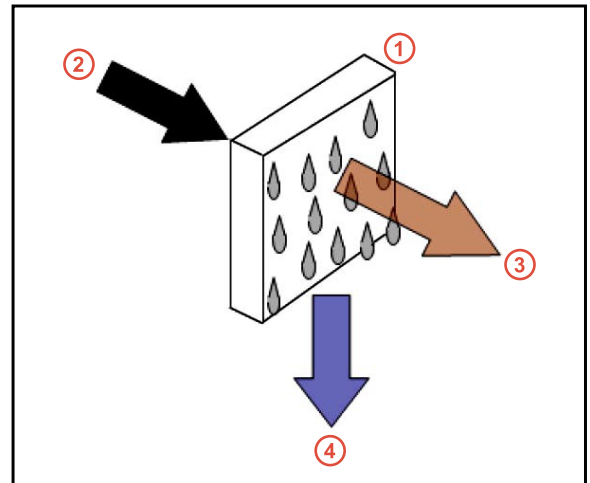
NOTE

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.

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General Procedure (Continued)

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 using 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 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.