


# HVAC Odor Maintenance

Service Category Vehicle Interior

Section Heating/Air Conditioning

Market USA

Scion Supports ASE Certification 

## Applicability

YEAR(S)	MODEL(S)	ADDITIONAL INFORMATION
2011 – 2014	tC	
2008 – 2014	xB	
2008 – 2014	xD	

## Introduction

Some 2008 – 2014 model year Scion 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	–	–	–	–

## Parts Information

MODEL	MODEL YEAR	PART NUMBER	PART NAME
Scion tC	2011 – 2014	87139-50100	High Performance Charcoal Filter
Scion xB	2008 – 2014		
Scion xD			

## 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.

## HVAC Odor Maintenance

### General Procedure (Continued)

- 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.

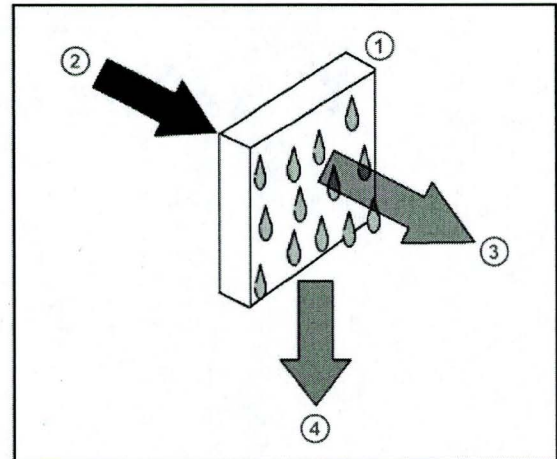
**NOTE**

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.

## HVAC Odor Maintenance

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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 on an annual or bi-annual basis depending on climate conditions and customer preference.

**NOTE**

If an 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.