

Dust from HVAC Vents

Service Category Vehicle Interior

Section Heating/Air Conditioning

Market USA

Toyota Supports
 ASE Certification 

Applicability

YEAR(S)	MODEL(S)	ADDITIONAL INFORMATION
2006 – 2011	Avalon	
2007 – 2011	Camry, Camry HV	

TSB SUPERSESION NOTICE

The information contained in this TSB supersedes TSB No. T-SB-0075-08.

- Applicability has been updated to include 2010 – 2011 model year Avalon, and 2011 model year Camry and Camry HV vehicles.
- Production Change Information, Warranty Information, Parts Information, and Repair Procedure sections have all been updated.

TSB No. T-SB-0075-08 is Obsolete and any printed versions should be discarded. Be sure to review the entire content of this service bulletin before proceeding.

Introduction

Some vehicles may exhibit a condition where dust or powder is visible from the HVAC vents. A newly designed evaporator and HVAC system cleaning procedure has been developed to address this condition. The procedure listed below details evaporator removal, HVAC system cleaning, blower motor cleaning, and installation.

Parts Information

MODEL	PREVIOUS PART NUMBER	CURRENT PART NUMBER	PART NAME	QTY
Avalon	88501-#####	88501-48311	Evaporator	1
Camry				1
Camry HV		88501-48301		1

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Production Change Information

This TSB applies to:

- All 2006 – 2011 MY Avalon vehicles.
- All 2007 – 2011 MY North American produced Camry and Camry HV vehicles.
- All 2007 – 2011 MY Japan produced Camry HV vehicles.
- 2007 – 2011 MY Japan produced Camry vehicles manufactured **BEFORE** the Production Change Effective VINs shown below.

MODEL	PLANT	ENGINE	PRODUCTION CHANGE EFFECTIVE VIN
Camry	Tsutsumi	2GR-FE	JTNBK3EK#B3051711
		2AR-FE	JTNBF3EK#B3009802

Warranty Information

OP CODE	DESCRIPTION	MODEL	TIME	OFF	T1	T2
AC1008	R & R Evaporator and Clean HVAC Ducts	Avalon	7.8	88501-#####	62	17
		Camry, Camry HV	7.5			

APPLICABLE WARRANTY

- This repair is covered under the Toyota Comprehensive Warranty. This warranty is in effect for 36 months or 36,000 miles, whichever occurs first, from the vehicle's in-service date.
- Warranty application is limited to occurrence of the specified condition described in this bulletin.

Required Tools & Equipment

SPECIAL SERVICE TOOLS (SST)	PART NUMBER	QTY
Plastic Pry Tool Set*	00002-06000-01	1

* Essential SST.

NOTE

Additional SSTs may be ordered by calling 1-800-933-8335.

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Required Tools & Equipment (Continued)

REQUIRED EQUIPMENT	SUPPLIER	PART NUMBER
R-134a Refrigerant Recovery/Recycling Machine	ADE	–

NOTE

Additional refrigerant service equipment may be ordered by calling Approved Dealer Equipment (ADE) at 1-800-368-6787.

Repair Procedure

1. Confirm the condition.

Check for white dust or powder on the top of the instrument panel and interior surfaces.

If white dust or debris is present, check the cabin air filter for damage and for other external sources of debris. Proceed to step 2 for evaporator replacement if no external debris sources are found.

2. Remove the evaporator.

Refer to the Technical Information System (TIS), applicable model and model year Repair Manual:

Vehicle Interior – Heating/Air Conditioning – “Air Conditioning: Air Conditioning Unit:

- 2006 Avalon: [Removal](#) / [Disassembly](#)”
- 2007 Avalon: [Removal](#) / [Disassembly](#)”
- 2008 Avalon: [Removal](#) / [Disassembly](#)”
- 2009 Avalon: [Removal](#) / [Disassembly](#)”
- 2010 Avalon: [Removal](#) / [Disassembly](#)”
- 2011 Avalon: [Removal \(to 12/2010\)](#) / [Removal \(from 12/2010\)](#) / [Disassembly](#)”
- 2007 Camry: [Removal](#) / [Disassembly](#)”
- 2008 Camry: [Removal](#) / [Disassembly](#)”
- 2009 Camry: [Removal](#) / [Disassembly](#)”
- 2010 Camry: [Removal](#) / [Disassembly](#)”
- 2011 Camry: [Removal](#) / [Disassembly](#)”
- 2007 Camry HV (TMC): [Removal](#) / [Disassembly](#)”
- 2007 Camry HV (TMMK): [Removal](#) / [Disassembly](#)”

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Repair Procedure (Continued)

- 2008 Camry HV (TMC): [Removal / Disassembly](#)"
 - 2008 Camry HV (TMMK): [Removal / Disassembly](#)"
 - 2009 Camry HV (TMC): [Removal / Disassembly](#)"
 - 2009 Camry HV (TMMK): [Removal / Disassembly](#)"
 - 2010 Camry HV (TMC): [Removal / Disassembly](#)"
 - 2010 Camry HV (TMMK): [Removal / Disassembly](#)"
 - 2011 Camry HV (TMC): [Removal / Disassembly](#)"
 - 2011 Camry HV (TMMK): [Removal / Disassembly](#)"
3. Remove the HVAC ducts and registers from the dash pad.
 4. Remove the center console ducts from the center console.

Figure 1.

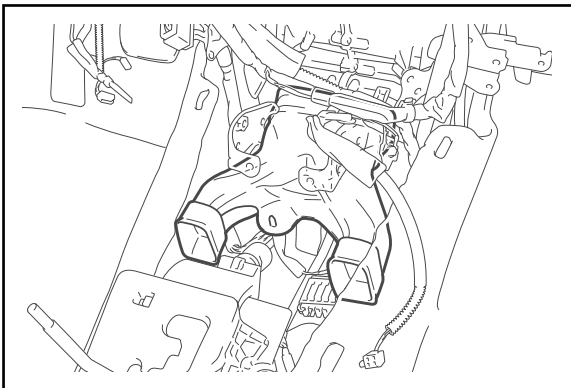
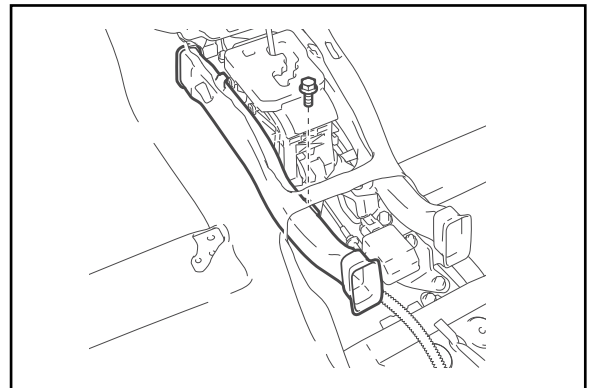


Figure 2.

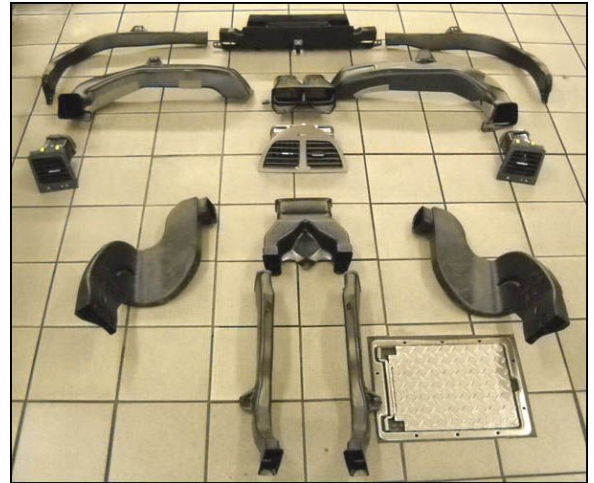


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Repair Procedure (Continued)

5. Verify all HVAC ducts and registers have been removed.

Figure 3.



6. Blow out ALL the HVAC ducts with shop air.

Figure 4.



7. Wipe out ALL the HVAC ducts with a damp shop rag.
8. Visually inspect the HVAC ducts and verify all of the dust has been removed. If additional dust is discovered, repeat steps 6 and 7 until the dust has been completely removed.

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Repair Procedure (Continued)

9. Clean the HVAC registers by blowing the registers out with shop air.

Figure 5.

NOTE

If dust remains it may be necessary to clean in-between the vent fins with a small soft brush.



10. Clean the side window defroster vents by blowing them out with shop air as shown.

Figure 6.



11. Disassemble the HVAC case and remove the evaporator. If the HVAC case was not previously disassembled and the evaporator removed, refer to the disassembly procedure in step 2.

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Repair Procedure (Continued)

12. Remove the heater core and blow out with shop air.

Figure 7.



13. Blow out the evaporator tray with shop air. If there is still dust on the tray, use a small brush or damp shop rag to clean the tray.

Figure 8.



14. Clean the thermistor with shop air.

Figure 9.



NOTE
Do NOT remove the blend doors from the servo motors.

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Repair Procedure (Continued)

15. Use compressed air to blow out the evaporator case.
16. Wipe the evaporator case with a damp shop rag.
17. Clean the evaporator cover with a soft brush or damp shop rag.

Figure 10.



18. Wipe out the blower motor housing with a damp shop rag.

Figure 11.



NOTICE

It is critical to completely clean the blower motor housing as it may contain copper particles that can damage the protective coating on the evaporator.

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Repair Procedure (Continued)

19. Use shop air and blow in-between the fan and the blower motor housing. **Figure 12.**



20. Install the NEW evaporator.

Refer to TIS, applicable model and model year Repair Manual:

Vehicle Interior – Heating/Air Conditioning – “Air Conditioning: Air Conditioning Unit:

- 2006 Avalon: [Reassembly](#) / [Installation](#)”
- 2007 Avalon: [Reassembly](#) / [Installation](#)”
- 2008 Avalon: [Reassembly](#) / [Installation](#)”
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Repair Procedure (Continued)

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- 2010 Camry HV (TMC): [Reassembly](#) / [Installation](#)"
- 2010 Camry HV (TMMK): [Reassembly](#) / [Installation](#)"
- 2011 Camry HV (TMC): [Reassembly](#) / [Installation](#)"
- 2011 Camry HV (TMMK): [Reassembly](#) / [Installation](#)"

21. Remove the dust cover on the back of the blower motor.

Figure 13.



22. Use shop air and blow dust out of the blower motor commutator, brushes and windings.

Figure 14.



23. Reassemble the blower motor assembly.

24. After repair, confirm proper operation of the HVAC controls, and cooling and heater functions.