

A/C Inoperative - Rear A/C Line Retainer Missing

Service Category Vehicle Interior

Section Heating/Air Conditioning

Market USA

Toyota Supports
 ASE Certification 

Applicability

YEAR(S)	MODEL(S)	ADDITIONAL INFORMATION
2011 – 2013	Highlander	VDS(s): BK3EH, DK3EH, YK3EH, ZA3EH, ZK3EH
2011 – 2013	Sequoia	VDS(s): BW5G1, BY5G1, DW5G1, DY5G1, JW5G1, JY5G1, KY5G1, YY5G1, ZY5G1
2011 – 2013	Sienna	VDS(s): DK3DC, JK3DC, KA3DC, KK3DC, XK3DC, YK3DC, ZK3DC

Introduction

Some vehicles may exhibit a condition where there is a lack of cooling from the A/C system. An A/C Line Retainer (Piping Clamp) may have become unlatched and caused a refrigerant leak. Follow the procedure in this bulletin to address this condition.

Production Change Information

This bulletin applies to vehicles produced **BEFORE** the Production Change Effective VINs shown below.

PLANT	MODEL	ENGINE	DRIVETRAIN	PRODUCTION CHANGE EFFECTIVE VIN
TMMI	Highlander	2GR-FE	2WD	5TD#K3EH#DS129285
			4WD	5TD#K3EH#DS250482
		1AR-FE	2WD	5TD#A3EH#DS042261
	Sequoia	3UR-FE	2WD	5TD#Y5G1#DS050205
			4WD	5TD#Y5G1#DS092033
		3UR-FBE	4WD	5TD#W5G1#DS092047
	Sienna	1AR-FE	2WD	5TDKA3DC#DS017358
		2GR-FE	2WD	5TD#K3DC#DS396166
			4WD	5TD#K3DC#DS069883

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Warranty Information

OP CODE	DESCRIPTION	TIME	OFF	T1	T2
AC1309	R & R Piping Clamp	1.2	88718-02160 88718-02170	64	57

APPLICABLE WARRANTY

- This repair is covered under the Toyota Basic 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.

Parts Information

PART NUMBER	PART NAME	QTY
88718-02160	Clamp, Piping	1
88718-02170		1

Required Tools & Equipment

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

NOTE

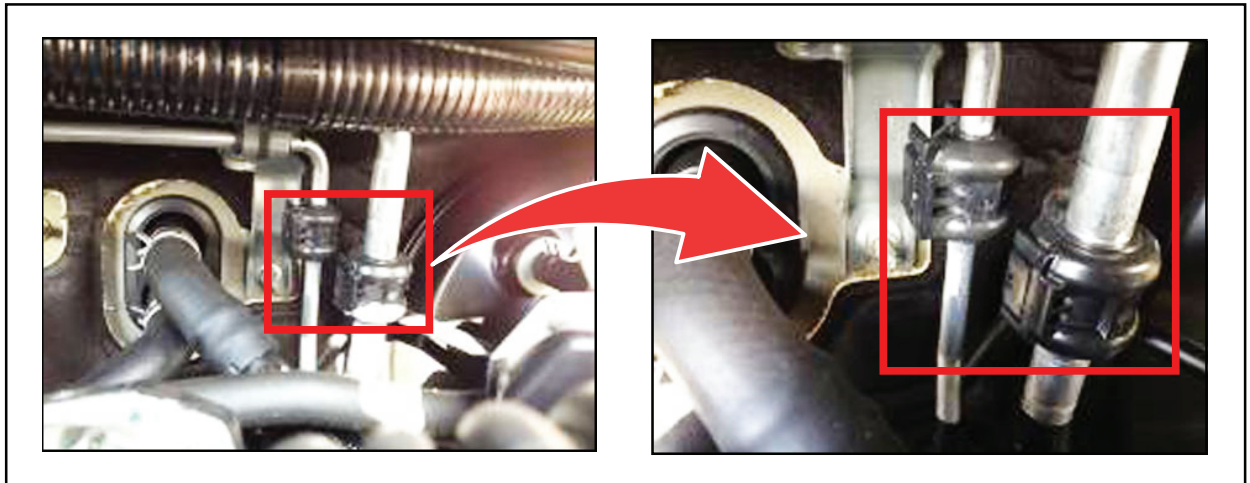
Additional refrigerant service equipment may be ordered by calling Approved Dealer Equipment (ADE) at 1-800-368-6787.

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Repair Procedure

1. Verify the condition as stated in the Introduction.

Figure 1. Location of the A/C Line Retainers (Piping Clamps)



- If the A/C Line Retainer is intact and latched, this bulletin does NOT apply. Continue diagnosis using the applicable Repair Manual.
 - If one or both of the A/C Line Retainers is missing or unlatched, proceed to step 2.
2. Recover the refrigerant following the Repair Manual instructions.

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

- [2011](#) / [2012](#) / [2013](#) Highlander:
Vehicle Interior – Heating/Air Conditioning – “Air Conditioning: Refrigerant: Replacement”
- [2011](#) / [2012](#) / [2013](#) Sequoia:
Vehicle Interior – Heating/Air Conditioning – “Air Conditioning: Refrigerant: Replacement”
- [2011](#) / [2012](#) / [2013](#) Sienna:
Vehicle Interior – Heating/Air Conditioning – “Air Conditioning: Refrigerant: Replacement”

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Repair Procedure (Continued)

3. If the A/C Line Retainer is still present but unlatched, remove it and replace it with a NEW A/C Line Retainer.
4. If the A/C Line Retainer is missing, then install the NEW A/C Line Retainer.
5. Once the NEW A/C Line Retainer is installed, recharge the refrigerant following the Repair Manual instructions.
 - [2011](#) / [2012](#) / [2013](#) Highlander:
Vehicle Interior – Heating/Air Conditioning – “Air Conditioning: Refrigerant: Replacement”
 - [2011](#) / [2012](#) / [2013](#) Sequoia:
Vehicle Interior – Heating/Air Conditioning – “Air Conditioning: Refrigerant: Replacement”
 - [2011](#) / [2012](#) / [2013](#) Sienna:
Vehicle Interior – Heating/Air Conditioning – “Air Conditioning: Refrigerant: Replacement”
6. Verify the A/C operates normally.