

# Air Conditioner Slow To Cool

**Service Category** Vehicle Interior

**Section** Heating/Air Conditioning

**Market** USA

Toyota Supports  
 ASE Certification 

## Applicability

YEAR(S)	MODEL(S)	ADDITIONAL INFORMATION
2014 - 2015	Highlander	

## Introduction

Some 2014 – 2015 model year Highlander vehicles may exhibit a condition when the A/C system is turned ON, it may take a longer than expected amount of time until it begins to blow cool air. Under certain conditions A/C cooling is delayed 90 sec. – 120 sec. An updated A/C compressor and A/C amplifier are available to address this condition. 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.

MODEL	ENGINE	DRIVETRAIN	PRODUCTION CHANGE EFFECTIVE VIN
Highlander	2GR-FE	2WD	5TD#KRFH#FS088319
		4WD	5TD#KRFH#FS169269
	1AR-FE	2WD	5TDZARFH#FS014731

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### Warranty Information

OP CODE	DESCRIPTION	TIME	OFF	T1	T2
AC1602	R & R Compressor Assy and Amplifier Assy, Air Conditioner	5.1	88320-0E070	7A	99
AC1603	R & R Compressor Assembly, w/Pulley and Amplifier Assy, Air Conditioner	3.5	88310-0E014	7A	99

#### 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
PREVIOUS	NEW		
88320-0E070	88320-58020	Compressor Assembly (for 2GR-FE)	1
88310-0E140	88310-0E141	Compressor Assembly, w/Pulley (for 1AR-FE)	1
88650-0E300	88650-0E301	Amplifier Assembly, Air Conditioner	1
88650-0E310	88650-0E311		
88650-0E330	88650-0E331		
88650-0E340	88650-0E341		

### Repair Procedure

1. Remove and replace the A/C compressor.

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

- 2014 – 2015 Highlander (1AR-FE):  
*Vehicle Interior – Heating/Air Conditioning – “Heating/Air Conditioning: Compressor (for 1AR-FE): [Removal](#) / [Installation](#)”*
- 2014 – 2015 Highlander (2GR-FE):  
*Vehicle Interior – Heating/Air Conditioning – “Heating/Air Conditioning: Compressor (for 2GR-FE): [Removal](#) / [Disassembly](#) / [Reassembly](#) / [Installation](#)”*

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### Repair Procedure (Continued)

2. Remove and replace the A/C amplifier.

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

- 2014 – 2015 Highlander:

*Vehicle Interior – Heating/Air Conditioning – “Heating / Air Conditioning: Air Conditioning Amplifier: [Removal / Installation](#)”*

3. Verify the slow to cool issue is no longer present.