

# Intermittent Poor A/C Cooling at Idle

Service Category Vehicle Interior

Section Heating/Air Conditioning

Market USA

Toyota Supports  
 ASE Certification 

## Applicability

| YEAR(S)     | MODEL(S) | ADDITIONAL INFORMATION |
|-------------|----------|------------------------|
| 2014 – 2015 | Corolla  |                        |

### REVISION NOTICE

October 16, 2014 Rev1:

- Applicability has been updated to include 2015 model year Corolla vehicles.
- The Parts Information, Warranty Information, and Repair Information sections have been updated.

Any previous printed versions of this bulletin should be discarded.

## Introduction

Some 2014 – 2015 model year Corolla vehicles may exhibit a condition where the A/C system blows warm air intermittently while the vehicle is at idle. An updated A/C compressor is available to address this condition.

## Production Change Information

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

| MODEL   | PLANT | ENGINE  | PRODUCTION CHANGE EFFECTIVE VIN |
|---------|-------|---------|---------------------------------|
| Corolla | TMMC  | 2ZR-FE  | 2T1BURHE#EC217552               |
|         | TMMMS |         | 5YFBURHE#EP171965               |
|         | TMMC  | 2ZR-FAE | 2T1BPRHE#EC223722               |
|         | TMMMS |         | 5YFBURHE#FP178442               |

## Intermittent Poor A/C Cooling at Idle

### Parts Information

| PART NUMBER |             | PART NAME               | QTY |
|-------------|-------------|-------------------------|-----|
| PREVIOUS    | NEW         |                         |     |
| 88310-02850 | 88310-02851 | Compressor, Assembly    | 1   |
| 88320-0Z060 | 88320-0Z070 | Compressor Assy, Cooler | 1   |

### Warranty Information

| OP CODE | DESCRIPTION                            | TIME | OFF                        | T1 | T2 |
|---------|--|------|----------------------------|----|----|
| AC1400  | Compressor w/ Magnetic Clutch Assembly | 1.8  | 88310-02850<br>88320-0Z060 | 72 | 50 |

#### 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.

### Required Tools & Equipment

| REQUIRED EQUIPMENT | SUPPLIER | PART NUMBER  | QTY |
|--------------------|----------|--------------|-----|
| Techstream 2.0*    | ADE      | TS2UNIT      | 1   |
| Techstream Lite    |          | TSLITEPDLR01 |     |

\* Essential SST.

#### NOTE

- Only ONE of the Techstream units listed above is required.
- Software version 9.20.022 or later is required.
- Additional Techstream units may be ordered by calling Approved Dealer Equipment (ADE) at 1-800-368-6787.

### Repair Procedure

1. Connect Techstream and navigate to the A/C System Data List.
2. With the vehicle at idle, cycle the A/C button and watch the Regulator Control Current, Regulator Pressure Sensor, and Evaporator Fin Thermistor Data List graphs.

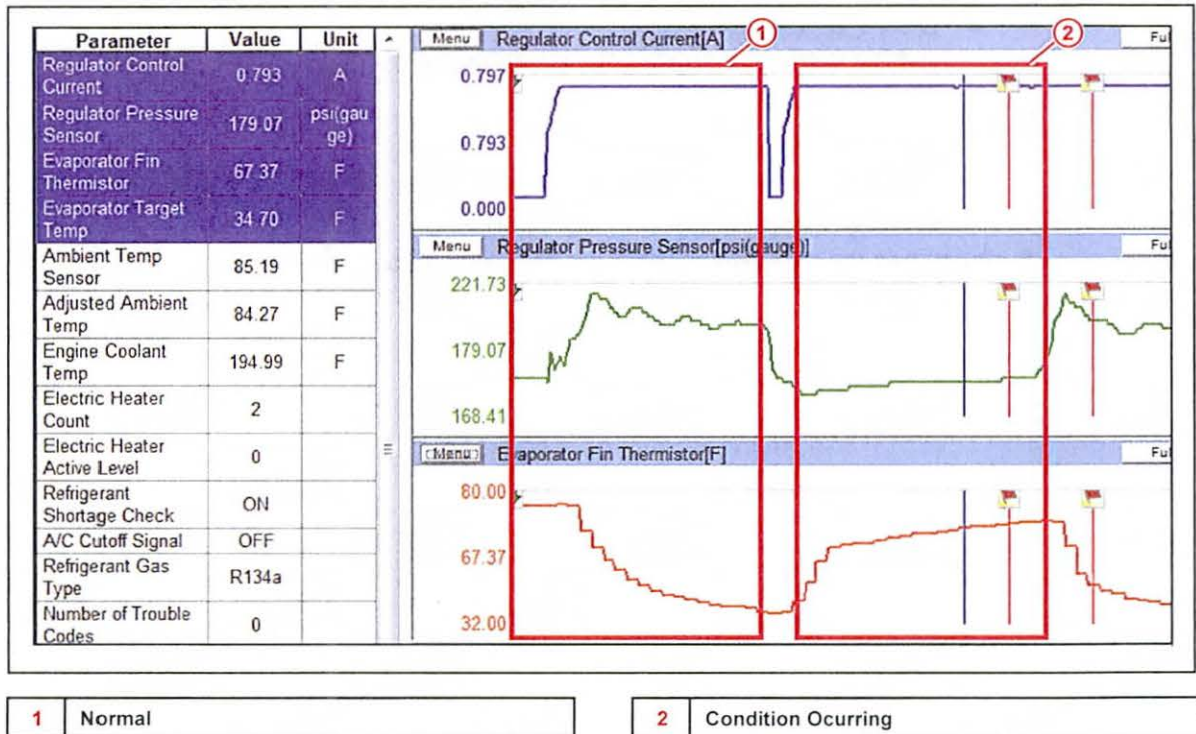
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### Repair Procedure (Continued)

3. When the condition is occurring the following data will be seen:

- Regulator Control Current: "0.7" "A" or higher
- Regulator Pressure Sensor: Low pressure and not increasing
- Evaporator Fin Thermistor: Higher than normal and increasing

Figure 1.



Can the concern be duplicated?

- **YES** — Continue to step 4.
- **NO** — This bulletin does NOT apply. Continue diagnosis using Problem Symptoms table in the applicable Repair Manual.

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### Repair Procedure (Continued)

4. Remove and replace the A/C compressor.

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

- 2014 Corolla (2ZR-FE):  
*Vehicle Interior – Heating/Air Conditioning – “Compressor (for 2ZR-FE):  
[Removal / Installation](#)”*
- 2014 Corolla (2ZR-FAE):  
*Vehicle Interior – Heating/Air Conditioning – “Compressor (for 2ZR-FAE):  
[Removal / Installation](#)”*
- 2015 Corolla (2ZR-FAE):  
*Vehicle Interior – Heating/Air Conditioning – “Compressor (for 2ZR-FAE):  
[Removal / Installation](#)”*

5. Verify that the intermittent warm air condition is no longer present.