

HVAC Blower Motor Continuous Operation With Ignition OFF

Service Category Vehicle Interior

Section Heating/Air Conditioning

Market USA

Toyota Supports
 ASE Certification 

Applicability

YEAR(S)	MODEL(S)	ADDITIONAL INFORMATION
2018	C-HR	

Introduction

Some 2018 model year C-HR vehicles may exhibit a condition where the HVAC blower motor will continue to operate when the ignition is turned OFF and the blower motor switch is in any ON position. Other symptoms of this condition can include the A/C not blowing cool air as the A/C amplifier will not go into sleep mode. Follow the Repair Procedure in this bulletin to address this condition.

Production Change Information

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

MODEL	PLANT	PRODUCTION CHANGE EFFECTIVE VIN
C-HR	TMMT	NMTKHMBX#JR032815

Warranty Information

OP CODE	DESCRIPTION	TIME	OFF	T1	T2
AC1701	Reprogram A/C Amplifier	0.5	88650-F4060	82	71

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.

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Required Tools & Equipment

REQUIRED EQUIPMENT	SUPPLIER	PART NUMBER	QTY
Techstream 2.0*	ADE	TS2UNIT	1
Techstream Lite		TSLITEPDLR01	
Techstream Lite (Green Cable)		TSLP2DLR01	

* Essential SST.

NOTE

- Only ONE of the Techstream units listed above is required.
- Software version 12.20.024 or later is required.
- Additional Techstream units may be ordered by calling Approved Dealer Equipment (ADE) at 1-800-368-6787.
- Use Techstream or an approved J2534 interface to perform flash reprogramming updates. Visit techinfo.toyota.com for more information regarding J2534 reprogramming.

SPECIAL SERVICE TOOLS (SST)	PART NUMBER	QTY
GR8 Battery Diagnostic Station*	00002-MCGR8	1

* Essential SST.

NOTE

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

Calibration Information

MODEL	ECU	CALIBRATION ID	
		PREVIOUS	NEW
C-HR	A/C Amplifier	8865FF402003	8865FF402101

Repair Procedure

1. Confirm the condition.
Does the HVAC blower motor continue to operate when the blower motor switch is in ANY ON position with the ignition OFF?
 - **YES** — Continue to step 2.
 - **NO** — This bulletin does NOT apply. Continue diagnosis using the applicable Repair Manual.

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Repair Procedure (Continued)

2. Flash reprogram the A/C amplifier assembly.

Follow the procedure outlined in Service Bulletin [T-SB-0134-16](#), “*Techstream ECU Flash Reprogramming Procedure*,” and flash the A/C amplifier with the NEW calibration file update.

NOTE

The GR8 Battery Diagnostic Station **MUST** be used in Power Supply Mode to maintain battery voltage above 11.4V while flash reprogramming the A/C amplifier.

NOTICE

- Damage to the A/C amplifier may occur if the correct battery charge mode setting is NOT used.
- Power Supply Mode is used to maintain battery voltage at 13.5V while flash reprogramming.
- For details on how to use the GR8 Battery Diagnostic Station, refer to the “[GR8 Instruction Manual](#)” located on the Technical Information System (TIS): *Diagnostics – Tools & Equipment – Battery Diagnostics*.

3. Confirm the blower motor stops operating with the blower motor switch in ANY ON position with the ignition OFF.