

# Difficult to Restart in Sub-Freezing Temperatures

**Service Category** Engine/Hybrid System

**Section** Starting

**Market** USA

Toyota Supports  
 ASE Certification 

## Applicability

YEAR(S)	MODEL(S)	ADDITIONAL INFORMATION
2009 – 2013	Venza	VDS(s): BK3BB, ZK3BB

## Introduction

Some 2009 – 2013 model year Venza vehicles equipped with 2GR-FE engines may exhibit difficulty restarting in sub-freezing temperatures (approximately  $-4^{\circ}\text{F}$  [ $-20^{\circ}\text{C}$ ] and lower).

This condition typically occurs in the following situations:

- Engine restart after the initial start using the Remote Engine Starting [RES] system.
- Engine restart after short trips.

A new Engine Room Junction Block Assembly 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	DRIVETRAIN	PRODUCTION CHANGE EFFECTIVE VIN
Venza	TMMK	2WD	4T3ZK3BB#DU054620
		4WD	4T3BK3BB#DU078190

## Warranty Information

OP CODE	DESCRIPTION	TIME	OFP	T1	T2
EL1226	R & R Engine Room Junction Block Assembly	0.4	82720-0T010	01	02

### 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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### Parts Information

PREVIOUS PART NUMBER	CURRENT PART NUMBER	PART NAME	QTY
82720-0T010	82720-0T011	Block Assy, Engine Room Junction	1

### Repair Procedure

1. Confirm the difficult to restart condition.

Park the vehicle indoors, allow vehicle to reach ambient indoor temperature (approximately 15 minutes) and reconfirm the difficult to restart condition.

Did the engine start?

- **YES** — Replace the Engine Room Junction Block Assembly. Continue to step 2.
- **NO** — This bulletin does NOT apply. Refer to the Repair Manual for further diagnosis.

2. Replace the Engine Room Junction Block Assembly.

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

#### Removal:

- [2009](#) / [2010](#) / [2011](#) / [2012](#) / [2013](#) Venza:

*Power Source/Network – Power Distribution – “Power Distribution: Integration Relay: Removal”*

#### Installation:

- [2009](#) / [2010](#) / [2011](#) / [2012](#) / [2013](#) Venza:

*Power Source/Network – Power Distribution – “Power Distribution: Integration Relay: Installation”*

3. Verify normal engine operation after Junction Block replacement.