

IG1 Relay Freezing

Service Category Power Source/Network

Section Networking

Market USA

Toyota Supports
 ASE Certification 

Applicability

YEAR(S)	MODEL(S)	ADDITIONAL INFORMATION
2006 – 2009	Corolla, Highlander, Matrix, Prius, RAV4, Sienna	

Introduction

Some customers may experience multiple warning lights illuminated, vehicle not shifting from Park to Drive, and other accessories becoming inoperative after the vehicle has cold soaked in sub freezing (below 14°F[-10°C]) ambient air temperatures. A newly designed relay has been made available to improve this condition. Use the following procedure to address this concern.

Parts Information

PREVIOUS PART NUMBER	CURRENT PART NUMBER	PART NAME	QTY
90987-02025 (Color: GRAY)	90987-02031 (Color: RED)	IG1 Relay	1
90987-02030 (Color: PINK)			1

Warranty Information

OP CODE	DESCRIPTION	TIME	OFF	T1	T2
832251	Relay Replacement	0.2	90987-02025 90987-02030	72	02

APPLICABLE WARRANTY

- This repair is covered under the Toyota Comprehensive 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 correction of a problem based upon a customer's specific complaint.

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Required Tools & Equipment

REQUIRED EQUIPMENT	SUPPLIER	PART NUMBER	QTY
TIS Techstream*	ADE	TSPKG1	1
NOTE: Software version 4.00.017 or later is required.			

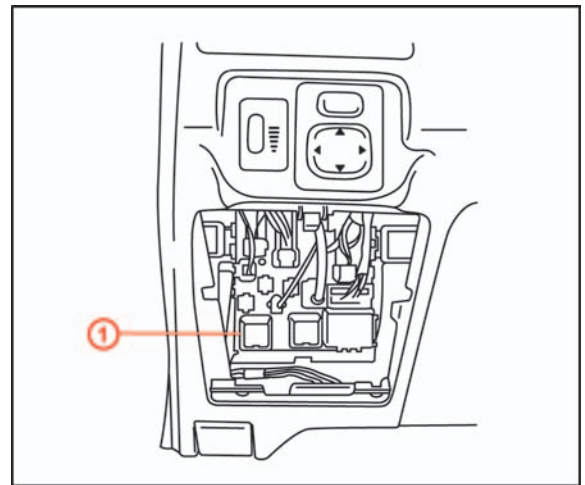
* Essential SST.

NOTE
Additional TIS Techstream units may be ordered by calling Approved Dealer Equipment (ADE) at 1-800-368-6787.

Repair Procedure

1. Locate the instrument panel junction block No. 1 in the Instrument Panel (as shown in Figure 1).
2. Remove the relay and verify the part number located on the side of the relay.
 - A. If the part number is 90987-02025 or 90987-02030, replace the relay with the countermeasure relay P/N 90987-02031.
 - B. If the part number is 90987-02031, then diagnose the specific conditions reported by the customer following the Repair Manual.

Figure 1.



1	IG1 Relay
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3. Connect TIS Techstream and clear any stored DTCs.