

# Alternator Inoperative and/or Abnormal Noise

**Service Category** Power Source/Network

**Section** Battery/Charging

**Market** USA

Toyota Supports  
 ASE Certification 

## Applicability

YEAR(S)	MODEL(S)	ADDITIONAL INFORMATION
2009 – 2010	Corolla	Engine(s): 2ZR

## Introduction

Some 2009 – 2010 model year Corolla vehicles may exhibit a condition where the charging system warning light is “ON”, the alternator is inoperative, and/or there is an abnormal noise from the engine compartment. This may be caused by the pulley not being seated correctly. The pulley has been updated to correct this condition. Use the following procedure to diagnose and repair the alternator.

## Production Change Information

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

MODEL	PLANT	DRIVETRAIN	PRODUCTION CHANGE EFFECTIVE VIN
Corolla	NUMMI	2ZR	1NXBU40E#9Z153116
	TMMC		2T1BU40E#9C171430
	Takaoka		JTDBU4EE#AJ057163
	Kanto		JTDBU4EE#A9099347

## Parts Information

PREVIOUS PART NUMBER	CURRENT PART NUMBER	PART NAME	QTY
27060-37040-C	27060-37041	Alternator, Assy. w/ Regulator	1
27060-0T040-D	27060-0T041		

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### Warranty Information

OP CODE	DESCRIPTION	TIME	OFF	T1	T2
271011	R & R Alternator Assembly	0.7	27060-#####	87	43

#### 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 occurrence of the specified condition described in this bulletin.

### Required Tools & Equipment

SPECIAL SERVICE TOOLS (SST'S)	PART NUMBER	QTY
Alternator Pulley Wrench Set*	<a href="#">09820-63020-02</a>	1

\* Essential SST.

#### NOTE

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

### Repair Procedure

1. Remove the original alternator per the Technical Information System (TIS), applicable model year Repair Manual.
  - [2009](#) / [2010](#) Corolla:  
*Power Source/Network – Battery/Charging – “2ZR-FE Battery/Charging: Generator: Removal”*
2. Install the alternator per TIS, applicable model year Repair Manual.
  - [2009](#) / [2010](#) Corolla:  
*Power Source/Network – Battery/Charging – “2ZR-FE Battery/Charging: Generator: Installation”*
3. Confirm charge light is out and charging system is operating properly.