

# Coolant Leak and/or Abnormal Noise from Water Pump

**Service Category** Engine/Hybrid System

**Section** Cooling

**Market** USA

Scion Supports  
 ASE Certification 

## Applicability

YEAR(S)	MODEL(S)	ADDITIONAL INFORMATION
2008 – 2009	xD	Engine(s): 2ZR VDS(s): KU104

## Introduction

Some 2008 – 2009 model year Scion xD vehicles may exhibit a small coolant leak and/or abnormal noise from the engine compartment originating at the water pump assembly. Refer to the repair procedure below to address this condition.

## Production Change Information

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

MODEL	PLANT	PRODUCTION CHANGE EFFECTIVE VIN
xD	Takaoka	JTKKU104#9J050268

## Warranty Information

OP CODE	DESCRIPTION	TIME	OFF	T1	T2
EG9026	R & R Water Pump Assembly	1.3	16100-39465	64	14

### APPLICABLE WARRANTY

- This repair is covered under the Toyota Powertrain Warranty. This warranty is in effect for 60 months or 60,000 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.

## Parts Information

PREVIOUS PART NUMBER	CURRENT PART NUMBER	PART NAME	QTY
16100-39465	16100-39466	Pump Assembly, Water	1

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### Required Tools & Equipment

REQUIRED MATERIAL	PART NUMBER	TRANS	QTY
Super Long Life Coolant (SLLC)	00272-SLLC2	M/T	5.3 U.S. qts (5.0 liters, 4.8 Imp. qts)
		A/T	5.2 U.S. qts (4.9 liters, 4.3 Imp. qts)

### Repair Procedure

1. Confirm coolant leak and/or abnormal noise from the engine compartment.
2. Is the coolant leak and/or abnormal noise originating at the water pump?
  - **YES** — Proceed to step 3.
  - **NO** — This TSB does NOT apply — Continue diagnosis as necessary.
3. Replace the water pump assembly.

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

- 2008 Scion xD:  
*Engine/Hybrid System – Cooling – “2ZR-FE Cooling: Water Pump: [Removal](#) & [Installation](#)”*
  - 2009 Scion xD:  
*Engine/Hybrid System – Cooling – “2ZR-FE Cooling: Water Pump: [Removal](#) & [Installation](#)”*
4. Confirm the repair and proper vehicle operation.