

Chirping Noise From High-Pressure Fuel Pump

Service Category Engine/Hybrid System

Section Fuel System

Market USA

Toyota Supports
 ASE Certification 

Applicability

YEAR(S)	MODEL(S)	ADDITIONAL INFORMATION
2018	Camry	VDS(s): BZ1HK
2017	Highlander	VDS(s): BZ3FH, BZRFH, DZ3FH, DZRFH, JZRFH, KZRFH, YZ3FH, YZRFH, ZZ3FH, ZZRFH
2017	Sienna	VDS(s): DZ3DC, JZ3DC, KZ3DC, MZ3DC, XZ3DC, YZ3DC, ZZ3DC
2016 - 2017	Tacoma	VDS(s): AZ5CN, BZ5DN, CZ5AN, DZ5BN, EZ5CN, FZ5DN, GZ5AN, HZ5BN, RZ5CN, SZ5AN

Introduction

Some 2016 – 2017 model year Tacoma, 2017 model year Sienna and Highlander, and 2018 model year Camry vehicles equipped with a 2GR-FKS engine may exhibit a chirping noise from the high-pressure fuel pump. 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 Engine Numbers shown below.

ENGINE	MODEL	PRODUCTION CHANGE EFFECTIVE ENGINE NUMBER
2GR-FKS	Camry	All "7" Serial Engines are Pre-countermeasure 2GR 8138707
	Sienna	
	Highlander	2GR F376960
	Tacoma	2GR M635832

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Warranty Information

OP CODE	DESCRIPTION	TIME	OFF	T1	T2
EG1713	R & R Fuel Pump	1.1	23101-0P020 23101-31100 23101-0P010 23101-31080 23101-31090	91	43

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.
- For California specification vehicles sold, registered and operated in California, Connecticut, Delaware, Maine, Maryland, Massachusetts, New Jersey, New York, Oregon, Pennsylvania, Rhode Island, Vermont and Washington, this repair is covered under the California Emission Warranty. This warranty is in effect for 84 months or 70,000 miles, whichever occurs first, from the vehicle's in-service date.

Parts Information

PART NUMBER	PART NAME	QTY
23101-0P010 23101-0P020	Pump Assy, Fuel	1

Repair Procedure

1. Confirm the condition exists.
Does the vehicle exhibit a chirping noise from the high-pressure fuel pump?
 - **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. Remove the high-pressure fuel pump.
Refer to TIS, applicable model and model year Repair Manual:
 - 2016 – 2017 Tacoma:
Engine/Hybrid System – Fuel System – [“2GR-FKS Fuel: Fuel Pump \(for High Pressure\): Removal”](#)
 - 2017 Sienna:
Engine/Hybrid System – Fuel System – [“2GR-FKS Fuel: Fuel Pump \(for High Pressure\): Removal”](#)
 - 2017 Highlander:
Engine/Hybrid System – Fuel System – [“2GR-FKS Fuel: Fuel Pump \(for High Pressure\): Removal”](#)
 - 2018 Camry:
Engine/Hybrid System – Fuel System – [“2GR-FKS Fuel: Fuel Pump \(for High Pressure\): Removal”](#)

3. Install the NEW high-pressure fuel pump.
Refer to TIS, applicable model and model year Repair Manual:
 - 2016 – 2017 Tacoma:
Engine/Hybrid System – Fuel System – [“2GR-FKS Fuel: Fuel Pump \(for High Pressure\): Installation”](#)
 - 2017 Sienna:
Engine/Hybrid System – Fuel System – [“2GR-FKS Fuel: Fuel Pump \(for High Pressure\): Installation”](#)
 - 2017 Highlander:
Engine/Hybrid System – Fuel System – [“2GR-FKS Fuel: Fuel Pump \(for High Pressure\): Installation”](#)
 - 2018 Camry:
Engine/Hybrid System – Fuel System – [“2GR-FKS Fuel: Fuel Pump \(for High Pressure\): Installation”](#)

4. Confirm that the chirping noise is reduced.