

Chirp Noise From the Main Accessory Drive Belt

Service Category Engine/Hybrid System

Section Engine Mechanical

Market USA

Toyota Supports
 ASE Certification 

Applicability

YEAR(S)	MODEL(S)	ADDITIONAL INFORMATION
2016 - 2020	Tacoma	VDS(s): AZ5CN, BZ5DN, CZ5AN, DZ5BN, EZ5CN, GZ5AN, RZ5CN, SZ5AN Engine(s): 2GR

Introduction

Some 2016 – 2020 model year Tacoma vehicles equipped with a 2GR-FKS engine may exhibit a chirp noise from the main accessory drive belt. 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 VINs shown below.

PLANT	DRIVETRAIN	PRODUCTION CHANGE EFFECTIVE VIN
TMMBC	2WD	3TMAZ5CN#KM113871
		3TMBZ5DN#KM023284
		3TMEZ5CN#LM114685
	4WD	3TMCZ5AN#KM285777
		3TMGZ5AN#KM285795
		3TMDZ5BN#KM079287

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Production Change Information (continued)

PLANT	DRIVETRAIN	PRODUCTION CHANGE EFFECTIVE VIN
TMMTX	2WD	5TFAZ5CN#KX087221
		5TFBZ5DN#KX004929
		5TFEZ5CN#KX087230
		5TFRZ5CN#KX087218
	4WD	5TFCZ5AN#KX210730
		5TFSZ5AN#KX210731
		5TFDZ5BN#KX046490
		5TFGZ5AN#KX210814

Warranty Information

OP CODE	DESCRIPTION	TIME	OFP	T1	T2
160251	R & R V-ribbed Belt	0.2	90916-A2025	91	40

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.

Parts Information

PART NUMBER		PART NAME	QTY
PREVIOUS	NEW		
90916-A2025	90916-A2037	Belt, V-ribbed	1

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Repair Procedure

1. Confirm the condition exists.

Does the vehicle exhibit a chirp noise from the main accessory drive belt?

- **YES** — Continue to step 2.
- **NO** — This bulletin does NOT apply. Continue diagnosis using the applicable Repair Manual.

2. Remove the main accessory drive belt.

Refer to TIS, applicable model and model year Repair Manual:

[2016 – 2020 Tacoma](#):

Engine/Hybrid System – Engine Mechanical – “2GR-FKS (Engine Mechanical): Drive Belt: Removal”

3. Start the engine and confirm the condition is NOT present with the main accessory drive belt removed.

NOTICE

Only run the engine for MAXIMUM of 10 seconds with the drive belt removed.

Does the vehicle exhibit a chirp noise with the main accessory drive belt removed?

- **NO** — Continue to step 4.
- **YES** — This bulletin does NOT apply. Continue diagnosis using the applicable Repair Manual.

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Repair Procedure (continued)

4. Install the NEW main accessory drive belt.

NOTE

BEFORE installing new main accessory drive belt:

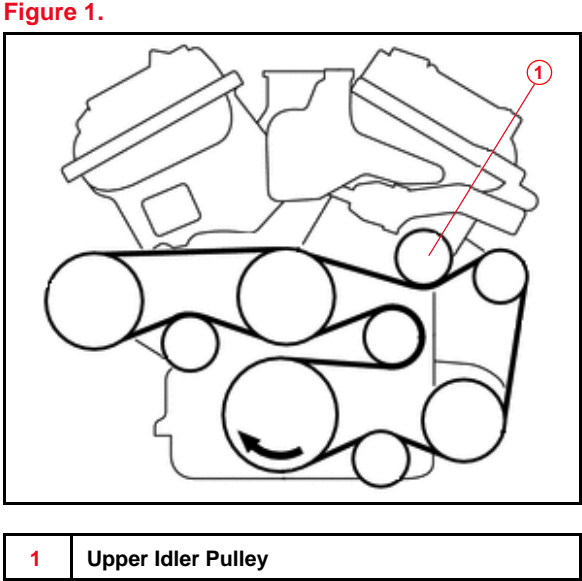
- Ensure pulleys are clean of debris and dry.
- Confirm component pulley alignment.

Refer to TIS, applicable model and model year Repair Manual:

- [2016 – 2020 Tacoma](#):
Engine/Hybrid System – Engine Mechanical – “2GR-FKS (Engine Mechanical): Drive Belt: Installation”

NOTE

- Slight wobble of the upper idler pulley is a normal condition.
- Refer to the video link for an example of a normal idler pulley operation:
[Example of Normal Idler Pulley Operation](#)
- Do NOT replace the upper idler pulley for this slight wobble condition.



5. Test-drive the vehicle to confirm the condition no longer exists.