



**Technical Service
Information Bulletin**

March 26, 2004

Title:

ACCESSORY DRIVE BELT NOISE

Models:

'01 - '04 GS 430 & LS 430,
'02 - '04 SC 430

ENGINE
EG003-04

Introduction On some 2001 - 2004 model year GS 430, LS 430 and 2002 - 2004 model year SC 430 vehicles, the Accessory Drive Belt (V-Rib Belt) may make a “squealing” or “chirping” sound under certain conditions when the engine is first started. An updated V-Rib Belt has been developed to improve the condition.

Applicable Vehicles

- **2001 - 2004** model year **GS 430** and **LS 430** vehicles produced **BEFORE** the Production Change Effective VINs shown below.
- **2002 - 2004** model year **SC 430** vehicles produced **BEFORE** the Production Change Effective VIN shown below.

Production Change Information

MODEL	PRODUCTION CHANGE EFFECTIVE VIN
GS 430	JT8BL6#S#40015048
LS 430	JTHBN3#F#40152349
SC 430	JTHFN4#Y#40054000

Parts Information

MODEL	PREVIOUS PART NUMBER	CURRENT PART NUMBER	PART NAME	QTY
GS 430 LS 430	90916-02463	90916-02586	V-Rib Belt	1
SC 430	90916-02462	90916-02584		

Warranty Information

OP CODE	DESCRIPTION	TIME	OFFP	T1	T2
160251	R & R V-Rib Belt	0.3	90916-02463 90916-02462	91	41

Applicable Warranty*:

This repair is covered under the Lexus Comprehensive Warranty. This warranty is in effect for 48 months or 50,000 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.

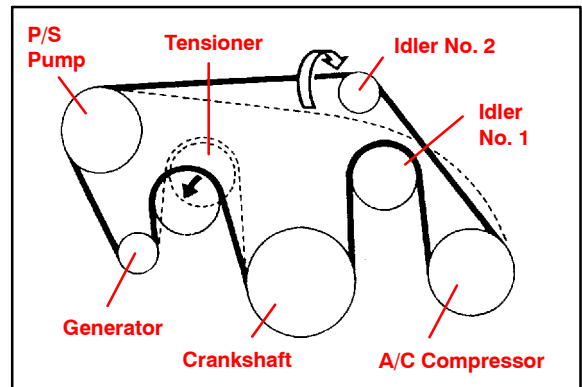


Repair Procedure

1. Remove Air Cleaner Inlet No. 1.
2. Remove accessory drive V-Rib Belt.
 - A. Loosen the belt tension by turning the belt tensioner counterclockwise, and remove the V-Rib Belt.

NOTE:
The tensioner pulley has a left-hand thread.

3. Inspect all pulleys, idlers, and the tensioner for misalignment or positioning at a different angle from the other drive belt components. If a misaligned component is found, adjust as needed. Otherwise, belt noise may reoccur with the new belt.
4. Install new accessory drive V-Rib Belt.
 - A. Place the new V-Rib Belt in position except for Idler Pulley No. 2, as shown.
 - B. Loosen the V-Rib Belt by turning the belt tensioner counterclockwise.
 - C. Place the V-Rib Belt in position for Idler Pulley No. 2.



- D. After the new V-Rib Belt has been installed, check that the mark in the image is within range "B" as shown.

