



Technical Tip

Topic	13-18-01TT - Chirping Noise, May be Intermittent and Sound Like Accessory Drive Belt Noise
Market area	United States 444 Volkswagen of America, Inc. (6444)
Brand	Volkswagen
Date	August 31, 2018

Condition

ATTENTION:**THIS IS A TECH TIP, NOT A TECHNICAL BULLETIN.****TECH TIPS ARE NOT ASSOCIATED WITH WARRANTY CLAIMING.**

Chirping Noise, May be Intermittent and Sound Like Accessory Drive Belt Noise

Model(s)	Year	Eng. Code	Trans. Code	VIN Range From	VIN Range To
GTI	2015-2018	2.0L (CXCA, CXCB)	All	All	All

Technical Background

Intermittent chirping type noise, that sounds like an accessory drive belt. In rare cases, the noise can be caused by the front crankshaft oil seal due to excessive crankshaft end play.

Service

Check for excessive crankshaft end play first. If excessive in comparison to ELSA published specifications, internal engine concerns are present and will require further diagnosis.

If crankshaft end play is ok:

- Inspect for belt misalignment concerns.
- Inspect the crank pulley/balancer for any wobble (runs true).
- Inspect the crankshaft pulley for an abnormal groove worn into it where the oil seal rides (see figure 1).

If abnormal groove is noted:

- Replace the pulley/balancer, front crankshaft oil seal and crank pulley bolt (per ELSA) and retest operation.



Figure 1

Additional Information

Revision History		
Revision Number	Released Date	Reason For Update
2052318/1	8/31/18	Original publication.

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