



## Technical Tip

<b>Topic</b>	15-18-01TT - Balance Shaft - Oil Screen Restricted by Debris
<b>Market area</b>	United States 444 Volkswagen of America, Inc. (6444)
<b>Brand</b>	Volkswagen
<b>Date</b>	December 7, 2018

## Condition

<b>ATTENTION:</b>
<b>THIS IS A TECH TIP, NOT A TECHNICAL BULLETIN.</b>
<b>TECH TIPS ARE NOT ASSOCIATED WITH WARRANTY CLAIMING.</b>

### Balance Shaft Oil Screen Restricted by Debris

Model(s)	Year	Eng. Code	Trans. Code	VIN Range From	VIN Range To
Jetta, Golf, GTI, EOS, Beetle, Beetle Convertible, Passat, CC	2008-2014	1.8L, 2.0L CCTA, CBFA, CPKA, CPLA, CPPA, CPRA,	All	All	All

## Technical Background

The balance shaft may seize due to debris build up in the oil port screen, thus restricting oil pressure/flow (figure 1). This concern has been noted on engines with excessive timing chain stretch issues, poor maintenance practices and high mileage wear. In most cases, the debris is readily apparent in the engine oil.

## Service

As part of overall diagnosis, inspect the engine oil by draining it through a paper filter (coffee or paint filter). If debris is noted, remove the oil pan for inspection. If there is excessive debris (with no low oil pressure concerns present), then the balance shafts should be replaced in conjunction with any repairs being performed. Please note that if a balance shaft is removed it must be replaced. Please follow the repair instructions in Elsa Pro for balance shaft replacement.



Figure 1

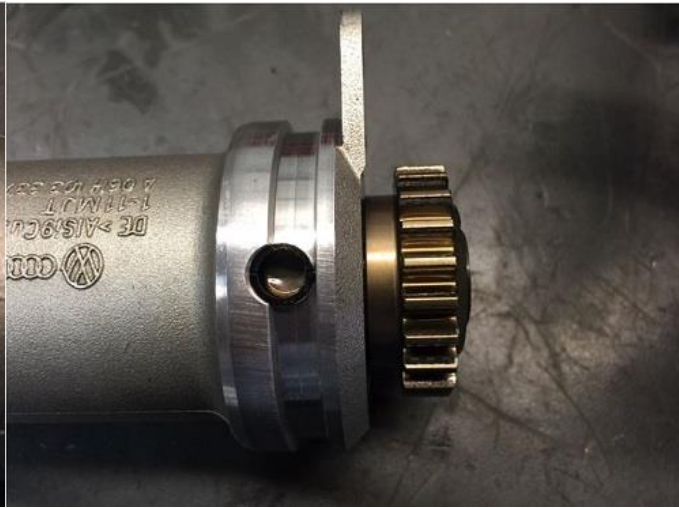


Figure 2

## Additional Information

### Revision History

Revision Number	Released Date	Reason For Update
2053218/1	12/7/18	Original publication.

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