

Service Letter

Service Bulletin No. SL TMG 000-1003, Revision 2
Date: January 29, 2018

Subject: Correct Installation of V-Belt

Type affected: all

Models affected: all

Classification: Category SL – SERVICE LETTER

Time of Compliance: every scheduled maintenance

Reason: We have detected maintenance problems due to

- incorrect mounted v-belts
- v-belts contaminated by oil
- grindings by other parts

Risk of broken v-belt after incorrect installation or oil contamination. This can lead to engine overheat and engine damage, due to a failure of the v-belt driven coolant pump. This can finally lead to a power loss / IFSD.

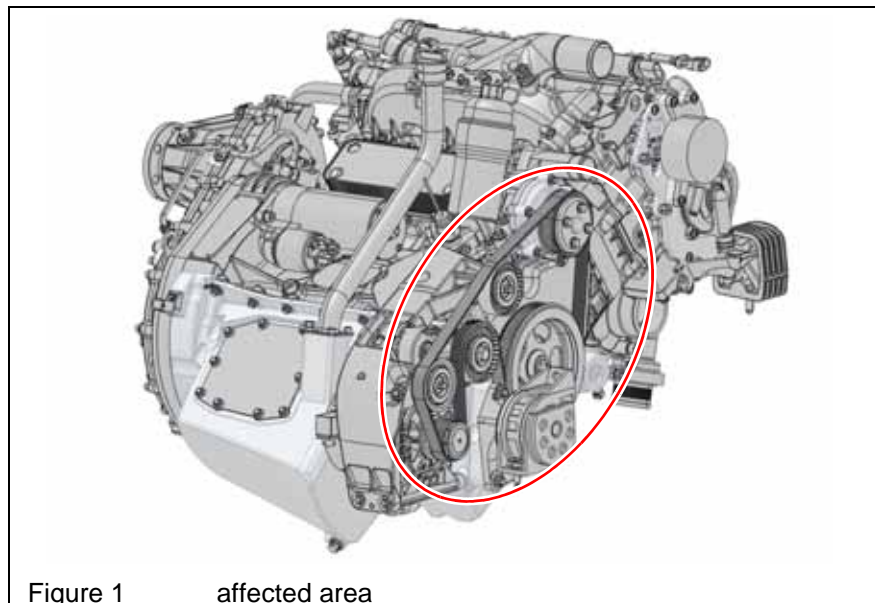


Figure 1 affected area

Checked



T. Franke, CVE

Approved

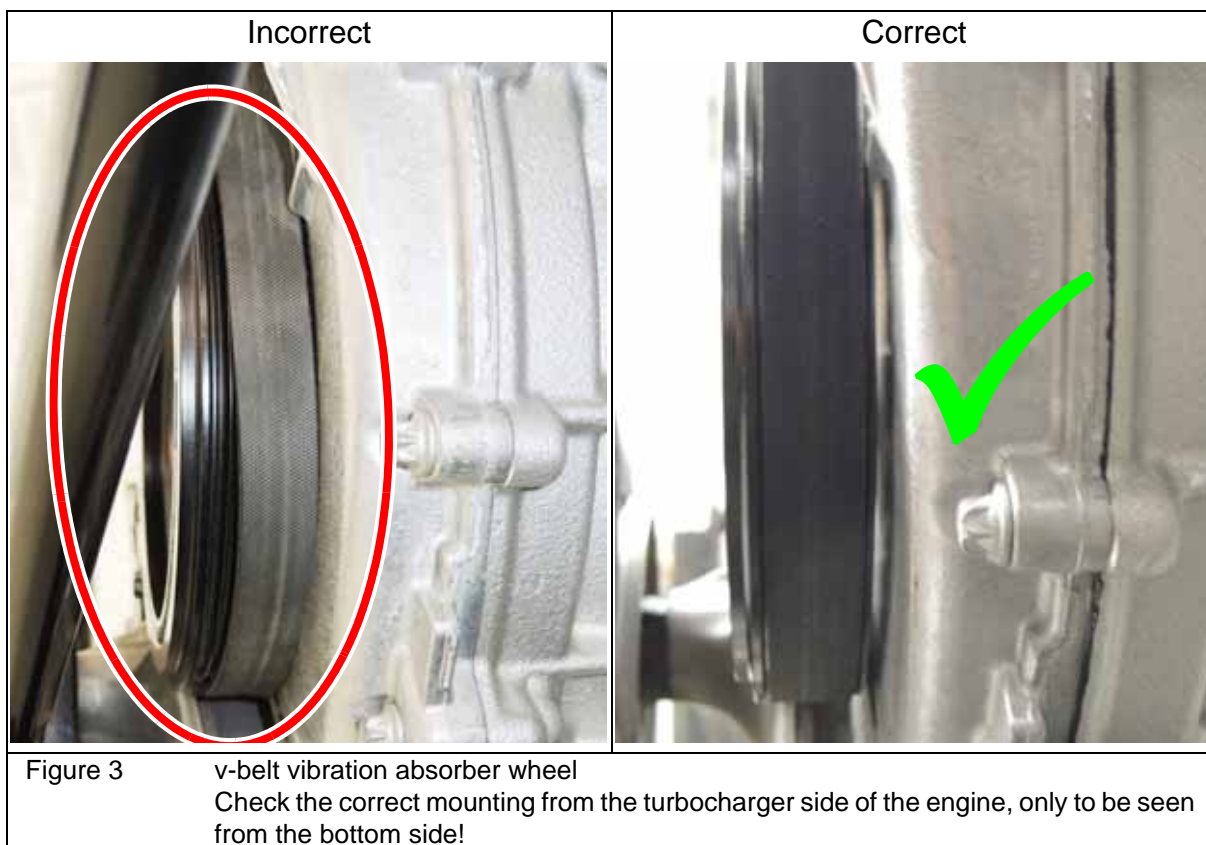
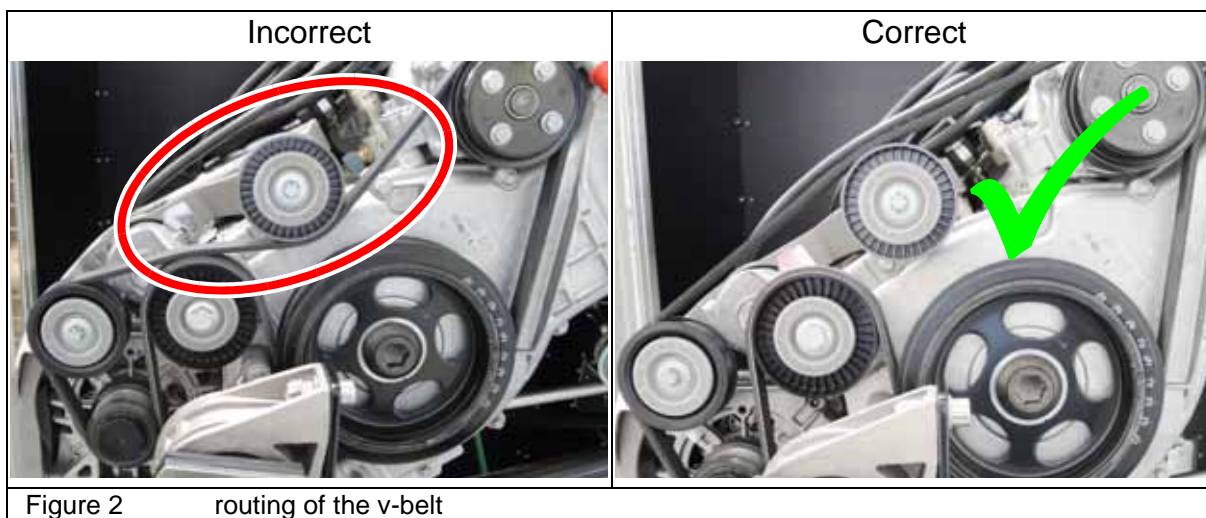


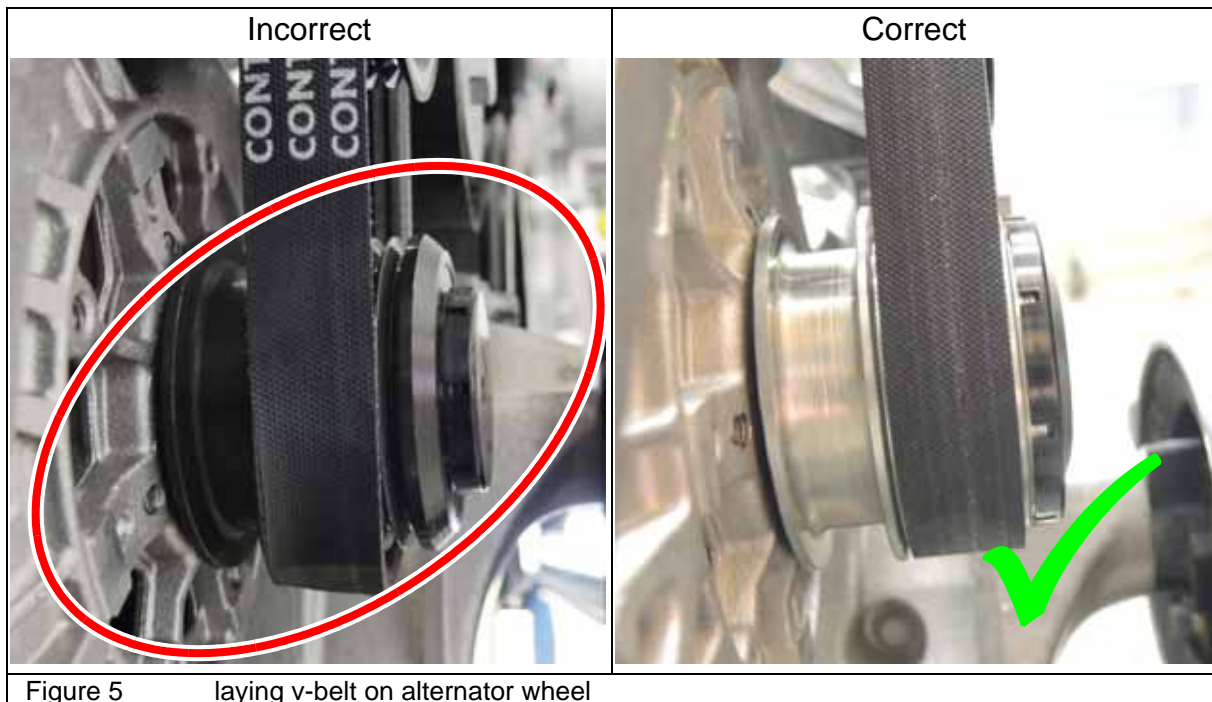
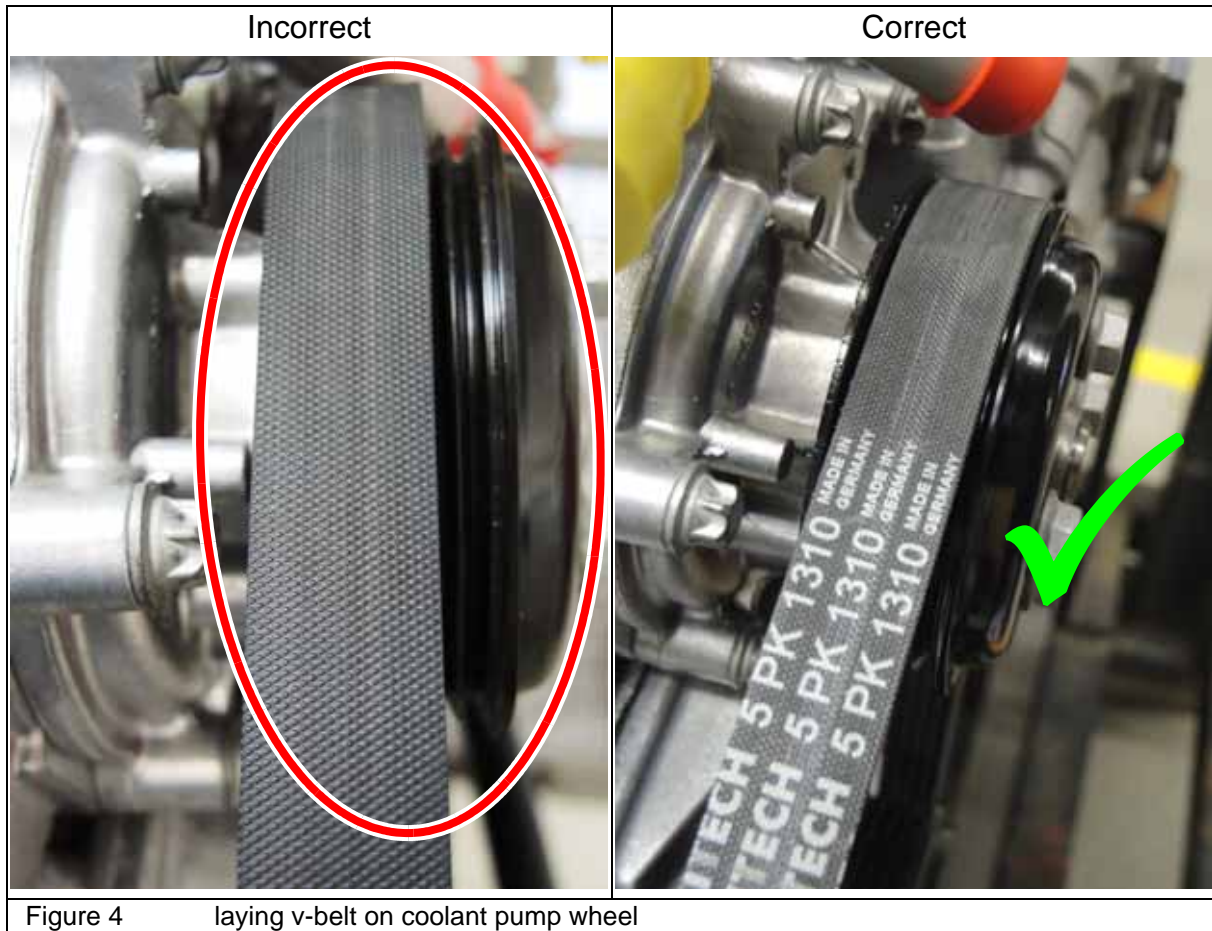
D. Hartung, Office of Airworthiness

Correction: An incorrect installed v-belt or v-belt contaminated by oil must be exchanged!
Exchange the v-belt in accordance with RM-02-01 Chapter 07.0 / RM-02-02 Chapter 72-20.01.

■ **CAUTION:** To test the correct belt run, turn the propeller approx. 5 times

Figures of incorrect and correct mounted v-belt to show what to check for:





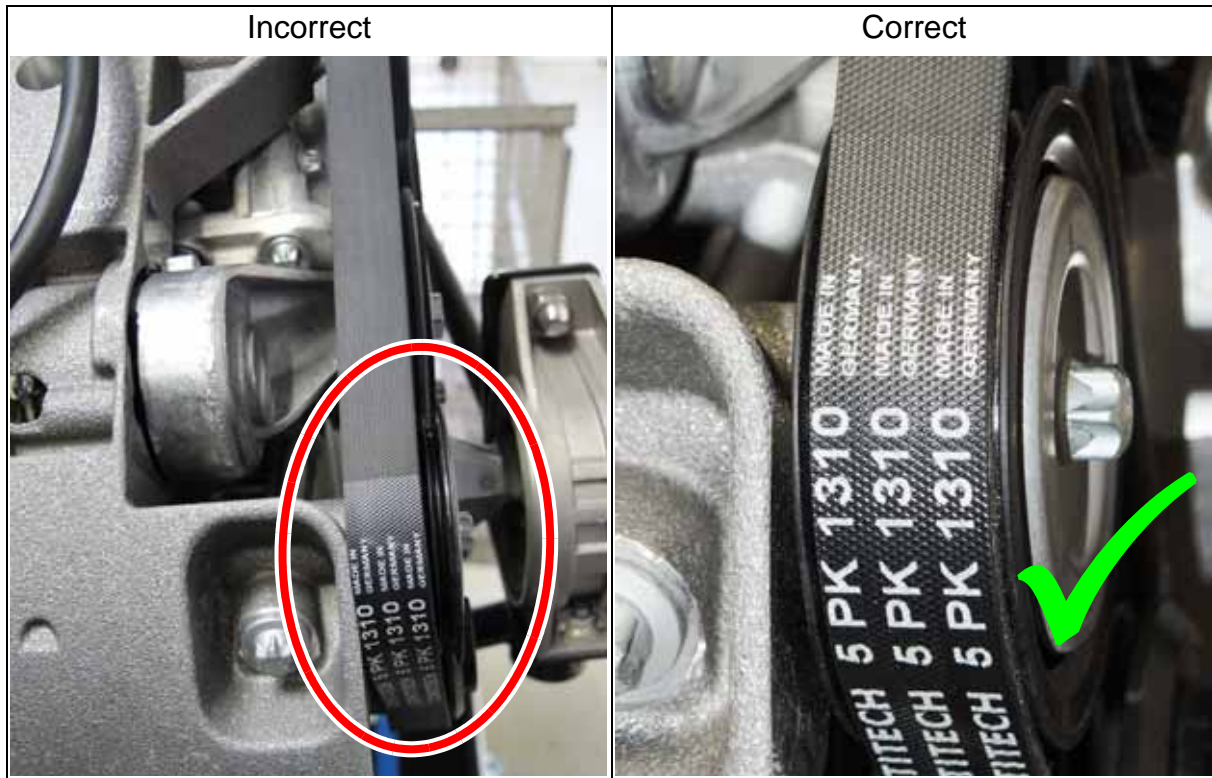


Figure 6

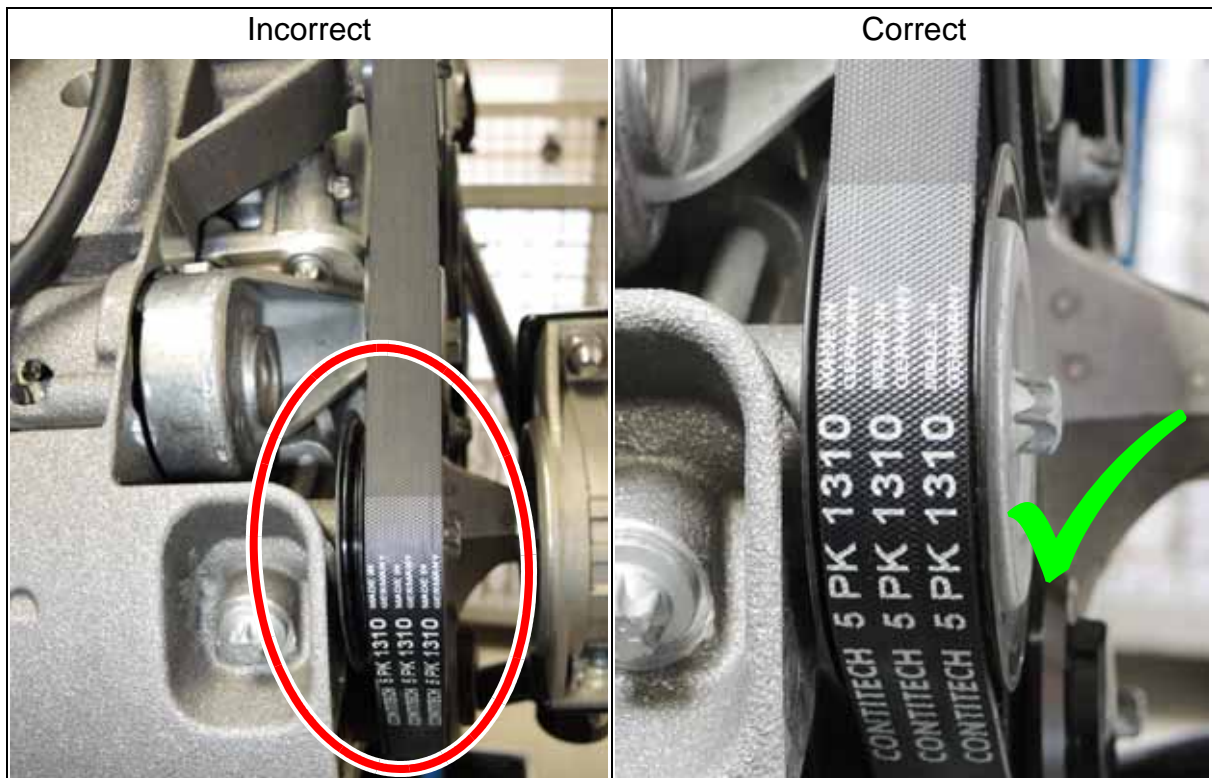


Figure 7

Figures of maintenance problems to check for:



Figure 8 grindings by other parts,
Check the correct mounting of other components
Figure shows Diamond DA40

Remarks: -

Parts:

Item	Part Number	Description	Quantity
1	05-7223-K000302	v-belt	1

Approval: The technical information contained in this document has been approved under the authority of EASA Design Organisation Approval No. EASA.21J.010.