



TOMARK, s.r.o.
Strojnícka 5
080 01 Prešov

SERVICE BULLETIN

MANDATORY

No: SB_SD4-01-2023

Date: 20.JAN 2023

Revision: Initial issue

Date: -

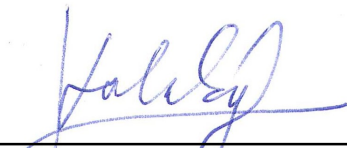
Number of pages: 2

Approval:

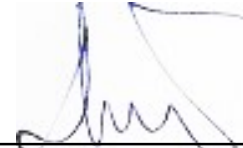
SB issued by AEROSERVIS s.r.o
The technical content of this document is approved under the authority
of the DOA ref. EASA.21J.094.
Minor Change No: NZ_AE238

MODEL AFFECTED:	EASA-TCDS No. EASA.A.606, Issue 3, 01.April 2019
APPLICABILITY:	<p>Criterion A) <u>Viper SD-4 RTC aircraft equipped by Rotax 912ULS2(-01) engine.</u> [S/N: 40288]</p> <p>Criterion B) <u>Engines:</u> Each Viper SD-4 RTC aircraft equipped by Rotax 912ULS2(-01) engine type is affected, that has been equipped with engine of serial numbers listed in SB-912-076UL latest edition, paragraph 1.1) Criterion A) Engine serial number installed during aircraft repair, maintenance or general overhaul or any other exchange action.</p> <p>Criterion C) <u>Fuel pumps:</u> Each Viper SD-4 RTC aircraft equipped by Rotax 912ULS2(-01) engine type is affected, whose engine has been equipped with fuel pump Rotax P/N: 893115 with serial numbers of the carburetors listed in SB-912-076UL, latest edition, Chapter 4).</p>
SUBJECT:	Replacement of fuel pump nipple fittings on ROTAX Engine Type 912 (Series) Aircraft Engines ATA System: 73-10-00 – Fuel System
COMPLIANCE:	<p>Carry out this exchange of the floats:</p> <ul style="list-style-type: none"> - on the engines listed in section 1.1., according to the instructions in section 3 at the next ROTAX® scheduled maintenance event, but at the latest after 1year (from the date of the initial issue of this Service Bulletin) - before the initial installation of engine and/or fuel pump Rotax P/N: 893115
DESCRIPTION:	TOMARK, s.r.o. as holder of EASA.A.606 identified that one Viper SD-4 RTC aircraft, in service and also currently in production, equipped with Rotax 912ULS2(-01) engine, are affected by MANDATORY Service Bulletin issued by engines manufacturer BRP-Rotax GmbH & CO KG - Document SB-912-076UL
REASON:	Internal quality checks of Rotax 912ULS2-01 engines producer revealed that in isolated cases fuel pump nipples part no. 840745 and part no. 840740 were installed with grease instead of the prescribed LOCTITE. There is a risk of loosening of the fuel pump nipples during maintenance and installation tasks.
MANPOWER:	See Rotax SB-912-076UL Paragraph 1.7)
MATERIAL:	<u>Required tools for inspection and replacement:</u> In accordance with the relevant Maintenance Manuals
	<u>Required parts/material for check and/or replacement:</u> See Rotax SB-912-076UL Paragraph 2.3)
	<u>Special tooling / compounds:</u> See Rotax SB-912-076UL Paragraph 2.6) and accordance to the relevant Maintenance Manuals.
	<u>Interchangeability of parts:</u> All respective parts are interchangeable.

REFERENCES:	<p>/1/ Rotax SB-912-076UL (d0694.pdf; dated: 18 October 2022, Initial Issue)</p> <p>/2/ Installation Manual for Rotax Engine Type 912 Series (IM-912; P/N: 898644, current issue)</p> <p>/3/ Operators Manual for Rotax Engine Type 912 Series (OM-912; P/N: 899700, current issue)</p> <p>/4/ Maintenance Manual for Rotax Engine Type 912 Series (MML-912; P/N: 899196, current issue)</p> <p>/5/ Illustrated Parts Catalogue (IPC-912; P/N: 899473, current issue)</p> <p>NOTE I: All referenced documents are available on Rotax website https://www.flyrotax.com/services/technical-documentation.html</p> <p>NOTE II: The status of the Manuals can be determined by checking the table of amendments. The 1st column of this table shows the revision status. Compare this number to the one listed on the ROTAX website mentioned above in NOTE I.</p> <p>NOTE III: Updates and current revisions can be downloaded for free from website mentioned above in NOTE I.</p>
WEIGHT and BALANCE:	Change of weight - none Moment of inertia - unaffected
ELECTRICAL LOAD DATA:	Not affected
SUPPORT INFORMATION:	Any possible support for Viper SD-4 RTC aircraft contact: TOMARK s.r.o., Strojnícka 5, 080 01 Prešov, Slovak republic http://vipersd4.com/contact/ , E-Mail: service@tomarkaero.com
<p>ACCOMPLISHMENT INSTRUCTIONS:</p> <p>1) Follow instructions listed in Rotax SB-912-076UL - Replacement of fuel pump nipple fittings on ROTAX Engine Type 912 (Series) Aircraft Engines, latest issue.</p> <p>2) Report accomplishment of this Service Bulletin to Viper SD-4 RTC aircraft producer. For contact see "SUPPORT INFORMATION" field of this Service Bulletin. You can send it by E-Mail also to E-Mail address: airworthiness@tomarkaero.com or letovasposobilost@tomarkaero.com or DOA@aeroservis.aero.</p>	



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DOA EASA.21J.094
Date: 20.JAN 2023