

SERVICE INFORMATION NO. SI 20-029

NOTE: SI's are used **only**:
1) To distribute information from DAI to our customers.
2) To distribute applicable information / documents from our suppliers to our customers with additional information.
Typically there is no revision service for SI's. Each new information or change of that will be send along with a new SI.

I. TECHNICAL DETAILS

1.1 Airplanes affected:

DV 20 all aircraft equipped with BRP-Rotax 912 Series engines

1.2 Subject:

EASA AD 2007-0060-E
BRP Rotax 912 Series Engines – Fuel Pump Replacement
ATA-Code: 73

1.3 Reason:

EASA has issued the AD No. 2007-0060-E which prescribes the fuel pump replacement of BRP-Rotax 912 engines.


1.4 Information:

For detailed technical information see EASA AD 2007-0060-E which is applicable without any further additions or restrictions.

II. OTHERS

The EASA AD 2007-0060-E is attached to this SI.

In case of doubt contact BRP-Rotax GmbH & Co. KG or Diamond Aircraft Industries GmbH.

EASA	EMERGENCY AIRWORTHINESS DIRECTIVE
	<p>AD No : 2007- 0060 - E</p> <p>Date: 07 March 2007</p>
No person may operate an aircraft to which an Airworthiness Directive applies, except in accordance with the requirements of that Airworthiness Directive unless otherwise agreed with the Authority of the State of Registry.	
<p>Type Approval Holder's Name :</p> <p>BRP-Rotax GmbH & Co. KG</p>	<p>Type/Model designation(s) :</p> <p>Rotax 912 A series Rotax 912 F series Rotax 912 S series</p>
TCDS Number: Austria TW008/89 and TW 009-ACG	
Foreign AD: N/A	
Supersedure: N/A	
ATA 73	Engine Fuel and Control - Fuel Pump - Replacement
Manufacturer(s):	BRP-Rotax GmbH & Co. KG; Bombardier-Rotax GmbH & Co. KG; Bombardier-Rotax GmbH;
Applicability:	<p>All versions of the engine type Rotax 912 A, 912 F and 912 S all serial numbers if Fuel pump part no. 892230, 892232, 892540 (standard version) or part no. 892235, 892236, 892545 (version including flexible fuel line), are installed.</p> <p>These engines are known to be installed on, but not limited to, the following aircraft types:</p> <p>Skyfox CA-25, CA-25N; Diamond (formerly HOAC) HK-36R Super Dimona, DV 20 Katana; Aeromot AMT-200 Super Ximango; Diamond DA20-A1 Katana; Evektor-Aerotechnik EV-97 Eurostar; Issoire APM-20 Lionceau; EIS (Fournier) RF-9; Scheibe SF 36R, SF 25C; Technoflug TFK-2 Carat; WD D4 BK Fascination; Ill Sky Arrow 650 TC, 650 TCN and 650 TCNS; ABS RF-9 motor glider (Fournier design);</p>
Reason:	Due to high fuel pressure, caused by exceeding pressure in front of the mechanical fuel pump (e.g. due to an electrical fuel pump), in limited cases a deviation in the fuel supply could occur. This can result in

	<p>exceeding of the fuel pressure and might cause engine malfunction and/or massive fuel leakage.</p> <p>Non-compliance with these instructions could result in engine damages, personal injuries or death.</p>
Effective Date:	09 March 2007
Compliance:	<p>At the next maintenance event, or within the next 25 hours of engine operation, but not later than 01 July 2007, whichever occurs first after the effective date of this directive:</p> <p>-replace the affected fuel pumps with part no. 892230, 892232, 892540 by part no. 892542 or replace fuel pumps with part no. 892235, 892236, 892545 by part no. 892546</p> <p>After the effective date of this AD no person may install a replacement engine on any aircraft unless fuel pump part no. 892542 or part no. 892546 are installed.</p>
Ref. Publications:	BRP Rotax Alert Service Bulletin SB-912-053, dated 20 February 2007, or later approved revision
Remarks :	<ol style="list-style-type: none"> 1. If requested and appropriately substantiated the responsible EASA manager for the related product has the authority to accept Alternative Methods of Compliance (AMOC) for this AD. 2. The safety assessment has requested not to implement the full consultation process and an immediate publication and notification. 3. Enquiries regarding this Airworthiness Directive should be referred to the AD Focal Point - Certification Directorate, EASA. E-mail: ADs@easa.europa.eu . 4. For any question concerning the technical content of the requirements in this AD, please contact BRP-Rotax GmbH & Co.KG Ph.: +43 7246 601 0; Fax: +43 7246 601 760