

EASA	NOTIFICATION OF A PROPOSAL TO ISSUE AN AIRWORTHINESS DIRECTIVE
	PAD No.: 13-004 Date: 08 January 2013 Note: This Proposed Airworthiness Directive (PAD) is issued by EASA, acting in accordance with Regulation (EC) No 216/2008 on behalf of the European Community, its Member States and of the European third countries that participate in the activities of EASA under Article 66 of that Regulation.
In accordance with the EASA Continuing Airworthiness Procedures, the Executive Director is proposing the issuance of an EASA Airworthiness Directive (AD), applicable to the aeronautical product(s) identified below. All interested persons may send their comments, referencing the PAD Number above, to the e-mail address specified in the 'Remarks' section, prior to the consultation closing date indicated.	
Design Approval Holder's Name: AUSTRO ENGINE GmbH	Type/Model designation(s): E4 engines
TCDS Number:	EASA.E.200
Foreign AD:	Not applicable
Supersedure:	None
ATA 72	Engine – Waste Gate Controller – Replacement
Manufacturer(s):	Austro Engine GmbH
Applicability:	Model E4 engines, all serial numbers These engines are known to be installed on, but not limited to, Diamond Aircraft Industries DA 40 NG and DA 42 NG aeroplanes.
Reason:	Several power loss events have been reported on Austro E4 engines, due to fracture of the waste gate controller lever. This condition, if not corrected, could lead to further cases of power loss events, possibly resulting in forced landing, damage to the aeroplane and injury to occupants. To address this potential unsafe condition, Austro Engine introduced a waste gate controller of improved design, Part Number (P/N) E4A-41-120-000 revision (Rev.) 070. For the reasons described above, this AD requires replacement of all previous revisions of P/N E4A-41-120-000 and P/N E4B-41-120-000 waste gate controllers with improved design P/N E4A-41-120-000 Rev.070 units.
Effective Date:	[TBD: 14 days after final AD issue date]

Required Action(s) and Compliance Time(s):	Required as indicated, unless accomplished previously: (1) Within 110 flight hours, or during the next schedule engine maintenance, or within 3 months, whichever occurs first after the effective date of this AD, install Waste Gate Controller P/N E4A-41-120-000 Rev. 070, or higher, in accordance with the instructions of Austro Engine Mandatory Service Bulletin (MSB) MSB-E4-007 Revision 3. (2) From the effective date of this AD, do not install a waste gate controller on any engine, unless it has been determined that the part is the improved design, P/N E4A-41-120-000 Rev. 070, or higher.
Ref. Publications:	Austro Engine MSB-E4-007 Revision 3 dated 28 November 2012. The use of later approved revisions of this document is acceptable for compliance with the requirements of this AD.
Remarks:	1. This Proposed AD will be closed for consultation on 05 February 2013. 2. Enquiries regarding this PAD should be referred to the Safety Information Section, Executive Directorate, EASA. E-mail: ADs@easa.europa.eu. 3. For any question concerning the technical content of the requirements in this PAD, please contact: Austro Engine GmbH, Rudolf-Diesel-Straße 11, A-2700 Wiener Neustadt, Austria Telephone: +43 2622 23000 2525 Fax: +43 2622 23000-2711 E-mail: service@austroengine.at. The referenced publication can be downloaded directly from the Austro Engine GmbH Service Bulletin webpage.