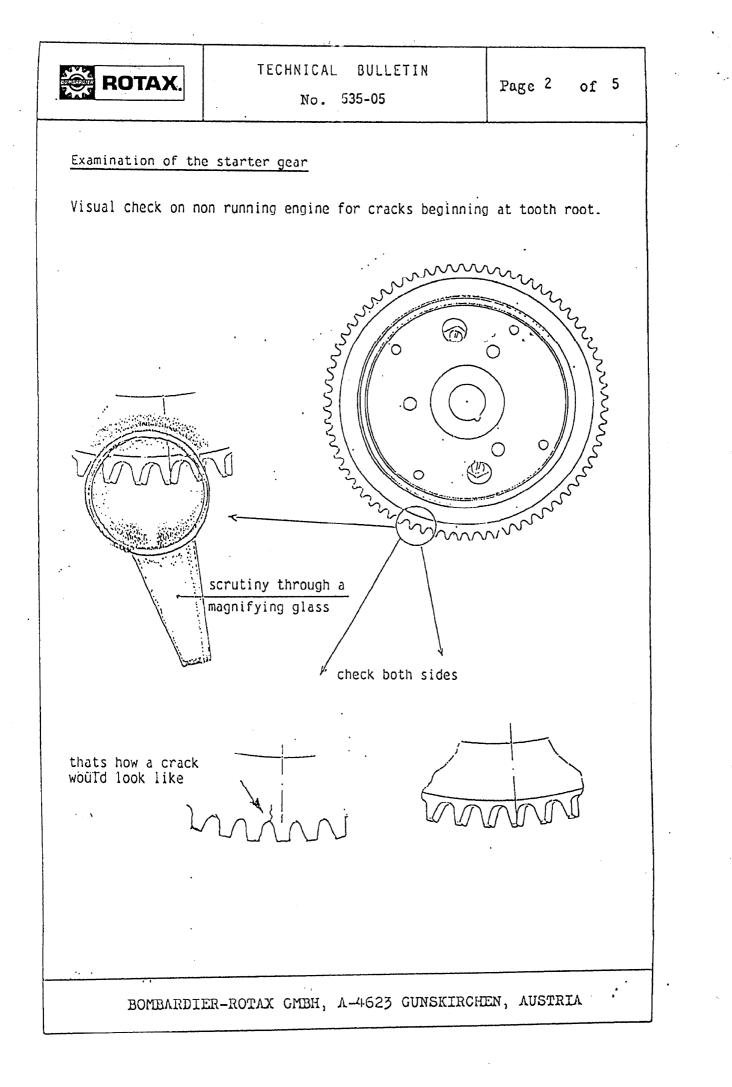
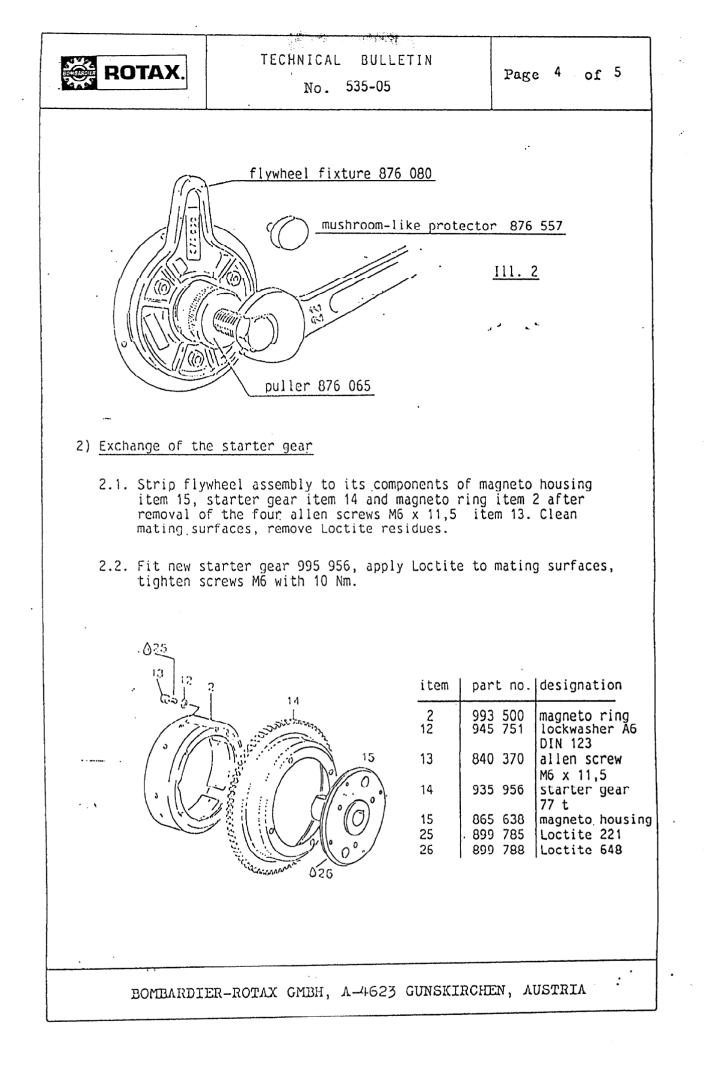
TECHNICAL BULLETIN ROTAX. of ⁵ Page¹ 535-05 No. : Examination of the starter gear for cracks. Subjet Engines affected : Motorised glider engines, all engines of type 535 A, B and C. There is a certain possibility of crack formation Reason starting from the root of tooth. : 1) Daily visual check as illustrated on page 2. Priority, tasks Scrutinize with a magnifying glass every 25 hours of operation. 3) In case of detected cracks - no more engine starts allowed, remedy according to the following instructions,
send damaged parts to local dealer or Rotax. Weight and centre of gravity : Not affected. Remarks : - Order parts from Rotax as required. - This specific engine service has to be carried out by a licensed and qualified person and confirmed in the aircraft logbook. Approved by Gunskirchen, 1989 03 08 Bundesamt für Zivilluftfahrt 13. April 1989 p. N. Cm BOMBARDIER-ROTAX GMBH, A-4623 GUNSKIRCHEN, AUSTRIA



ROTAX.	TECHNICAL BULLETIN No. 535-05	Page 3 of 5
Instructions for t	the removal and refitting of magn	eto
flywheel ass'y and	exchange of starter gear	
1) <u>Disassembly:</u>		
1.1. If coverpl Re-use not	late fitted, remove it (ill. 1).	
	ket spanner 13 A/F	
1.2. Fasten fly	wheel fixture with three hex. HD	. screws M8 x 16
Tool: Flyw	wheel-fixture 876 080 Ket spanner 13 A/F	
	. nut M22 x 1,5 from crankshaft	(111 5)
	set 30 A/F on torque wrench or on	
1.4. Place prot	ection cap or mushroom-like prote on puller to flywheel fixture and	ector on crankshaft
<u>Tool:</u> Prot pull	er 876 557 er 876 065 a end or socket spanner 22 A/F	pull off flywheel.
Advice: If by	F need be, break bond of flywheel carefully heating up to 120°C.	to crankshaft taper
	ALL	
	10-00-00	<u>III. 1</u>
	S O	
	coverplate	(superseded)
- Allin		
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3) <u>Refitting of flywheel assembly</u>: 3.1. Degrease taper of crankshaft and magneto housing with suitable degreasing agent. 3.2. Insert woodruff key (ill. 5). 3.3. Apply Loctite 221, 899 785, on crankshaft taper. 3.4. Fit flywheel assembly on crankshaft. Important: Make sure that armature plate ass'y-and flywheel ass'y is clean and free of foreign matter. 3.5. Secure hex. nut M22 x 1,5 with Loctite 221, 899 785, tighten with 140 Nm. woodruff key 111.5 crankshaft taper Loctite 06-899 785 1:10 Δ hex.nut M22 x 1,5 Loctite 899 785 4) Meet three hours curing time for Loctite, prior to engine start. • BOMEARDIER-ROTAX GMBH, A-4623 GUNSKIRCHEN, AUSTRIA