

IW 8079 A4

Elastically screwed coupling housing

Inspection and maintenance work

3 2 4 9 2 0 3 1 2 3 1 6 6 2 0 2 3 8 4 2 2 7 5 6 1 3 4 5 1 5 3 6 2 5 4 1

Vedligeholdelsesarbejde

Onderhoudswerk zaamheden
Maintenance work

维护工作

Intervento di manutenzione

Техобслуживание

Εργασία συντήρησης

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GE imagination at work



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⚠ WARNING



Danger from unauthorised restarting!

- a) Shut down the engine in accordance with Technical Instruction No. 1100-0105.
- b) Secure the engine against unauthorised restarting in accordance with Technical Instruction no. 2300-0010.



1 Scope

This Maintenance Instruction applies to Type 4 Jenbacher modules.

2 Purpose

This Maintenance Instruction describes the maintenance of the coupling housing on elastic bearings.

3 Maintenance intervals-standard

Maintenance work	Interval		Work carried out by
	4,000 Oh	20,000 Oh	
Measure the axial offset	■		GEJ ¹⁾
Replace rubber elements on the coupling housing		■	GEJ ¹⁾

¹⁾ By GE Jenbacher or authorised specialist personnel.



4 Extended maintenance intervals

⚠ ATTENTION



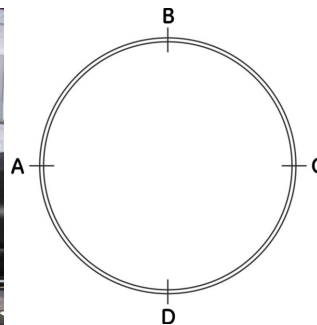
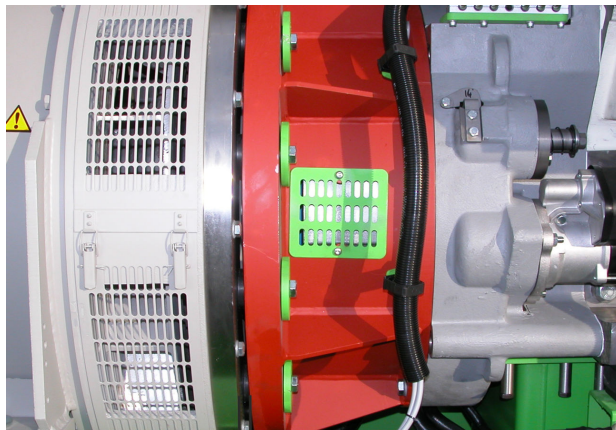
Extended maintenance intervals

Extended maintenance intervals only apply to selected versions of GE Jenbacher engines after approval by GE Jenbacher.

Maintenance work	Interval		Work carried out by
	6,666 Oh	20,000 Oh	
Measure the axial offset	■		GEJ ¹⁾
Replace rubber elements on the coupling housing		■	GEJ ¹⁾

¹⁾ By GE Jenbacher or authorised specialist personnel.

5 Measure the axial misalignment of the coupling housing on elastic bearings

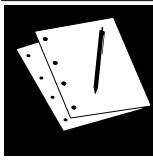


Gap width: **setpoint value 10mm +/- 1mm**

Measure the gap width at 4 points around the circumference: A = 9 o'clock; B = 12 o'clock; C = 3 o'clock, D = 6 o'clock.



Operational data on the flexibly-mounted coupling housing (E 8079 4)



Enter the measured values in the table Data collection for **flexibly-mounted coupling housing (E 8079 4)**.

The radial alignment of the generator may need to be corrected as described below.

6 Correcting the generator position

Use shim plates to correct the generator height and subsequently recheck the axial offset of the coupling housing on elastic bearings.



① Shim plate

7 Revision code

Revision history

Index	Date	Description/Revision summary	Creator
5	30.01.2015	Verlängertes Wartungsintervall ergänzt / Extended service interval supplemented.	Bilek Dris



Revision history

4	13.11.2013	Spaltbreite von 14mm auf 10mm geändert / change gap width from 14mm to 10mm.	Bilek <i>Leitner Josef, Wolf Sven</i>
3	04.01.2013	Spaltbreite an 4 Stellen am Umfang messen, Measure the gap in 4 places on the circumference, Durchführung der Wartungsarbeiten und neues Bild / Carrying out the maintenance work and new picture	Bilek <i>Gloiser</i>
2	01.12.2010	Punkt 1 / Point 1	Bilek <i>Waldron</i>
1	01.06.2010	Umstellung auf CMS / Change to C ontent M anagement S ystem ersetzt / replaced Index: a	Provin <i>Provin</i>