



IW 8086 A0

Maintenance Instruction

Coupling and Engine mounting



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1 Scope

This Inspection- and Maintenance Instruction (IW) applies to the following Jenbacher Gas Engines:

- Type 2 engines
- Type 3 engines

2 Purpose

This Inspection and Maintenance Instruction (IW) specifies the maintenance interval.

3 Maintenance interval

| Maintenance work | Maintenance interval | Carried out by ^{*)} |
|--|------------------------------------|------------------------------|
| ⇒ Replace rubber coupling element | 20,000 Oh / 8 000 starts / 5 years | INNIO |
| ⇒ Inspect the rubber rails of the engine and generator | 20,000 Oh | INNIO |
| ⇒ Replace the rubber rails of the engine and generator | 30,000 Oh / 5 years | INNIO |

Valid for:

- Type 2: Maintenance schedule A
 - Type 3: Maintenance schedule A
-

| Maintenance work | Maintenance interval | Carried out by ^{*)} |
|--|------------------------------------|------------------------------|
| ⇒ Replace rubber coupling element | 20,000 Oh / 8 000 starts / 5 years | INNIO |
| ⇒ Inspect the rubber rails of the engine and generator | 20,000 Oh | INNIO |
| ⇒ Replace the rubber rails of the engine and generator | 40,000 Oh / 5 years | INNIO |

Valid for:

- Type 2: Maintenance schedule C
- Type 3: Maintenance schedule C

| Maintenance work | Maintenance interval | Carried out by ^{*)} |
|--|----------------------|------------------------------|
| ⇒ Replace rubber coupling element | 20,000 Oh / 5 years | INNIO |
| ⇒ Inspect the rubber rails of the engine and generator | 20,000 Oh | INNIO |
| ⇒ Replace the rubber rails of the engine and generator | 30,000 Oh / 5 years | INNIO |

Valid for:

- Type 2: Maintenance schedule B
- Type 3: Maintenance schedule B Maintenance schedule D

***) Carried out by** This column defines who carries out the maintenance work.

| | |
|-------|---|
| K | This activity is to be carried out by the customer, INNIO or a company selected and authorised by INNIO to carry out this work. |
| INNIO | This activity is to be carried out by INNIO or a company selected by INNIO authorised to carry out this work. |

4 Safety information**! WARNING****Personal injury**

Failure to use personal protective equipment and comply with safety instructions or employee protection information may lead to personal injury.

- Wear the relevant personal protective equipment (PPE).
- Observe the safety instructions as per TA 2300-0005.
- Observe the employee protection information as per TA 2300-0001.

⚠ WARNING**Danger from unauthorised restarting**

Serious injuries such as cutting, crushing, severing or shearing of body parts due to unintentional contact with rotating or moving machine parts.

- Shut down the engine as described in TA 1100-0105.
- Secure the engine against unauthorised restarting in accordance with TA 2300-0010.

**5 Additional information****Relevant documents:**

TA 1100-0105 – Engine shut-down

TA 2300-0001 – Employee protection

TA 2300-0005 – Safety instruction

TA 2300-0010 – Guidelines for using the LOTO kit

6 Work steps**6.1 Replace rubber coupling element**

This activity is to be carried out by INNIO or a company selected by INNIO authorised to carry out this work.

6.2 Inspect the rubber rails of the engine and generator

This activity is to be carried out by INNIO or a company selected by INNIO authorised to carry out this work.

6.3 Replace the rubber rails of the engine and generator

This activity is to be carried out by INNIO or a company selected by INNIO authorised to carry out this work.

7 Revision code**Revision history**

| Index | Date | Description / Revision summary | Expert Auditor |
|-------|------|--------------------------------|----------------|
|-------|------|--------------------------------|----------------|

Revision history

| | | | |
|---|------------|--|--|
| 5 | 31.07.2019 | Betriebsstundenintervall bei Arbeitsschritt „Gummischienen von Motor und Generator tauschen“ ergänzt / Operating hour interval at work step „Replace rubber rails of the engine and generator“ added | Niedziela S. <i>Waldron P.</i> |
| 4 | 04.07.2019 | Metadaten angepasst / Metadata adapted | Kecht S. <i>Pichler R.</i> |
| 3 | 28.02.2019 | Strukturelle Anpassungen / Structural adaptations Gültigkeit auf Baureihe 2 und 3 mit 50 Hz erweitert / Validation to type 2 and 3 with 50 Hz extended Arbeitsschritte „Gummischienen von Motor und Generator inspizieren“ und „Gummischienen von Motor und Generator tauschen“ ergänzt / Work steps „Inspect rubber rails of the engine and generator“ and „Replace the rubber rails of the engine and generator“ added | Niedziela S. <i>Waldron P.</i> |
| 2 | 05.02.2013 | Alle 4000Bh Ausrichtung der Kupplung überprüfen / Check coupling alignment every 4000 Oh | Bilek <i>Gloiser</i> |
| 1 | 16.05.2010 | Umstellung auf CMS / Change to C ontent M anagement S ystem ersetzt / replaced Index: b | Provin <i>Provin</i> |