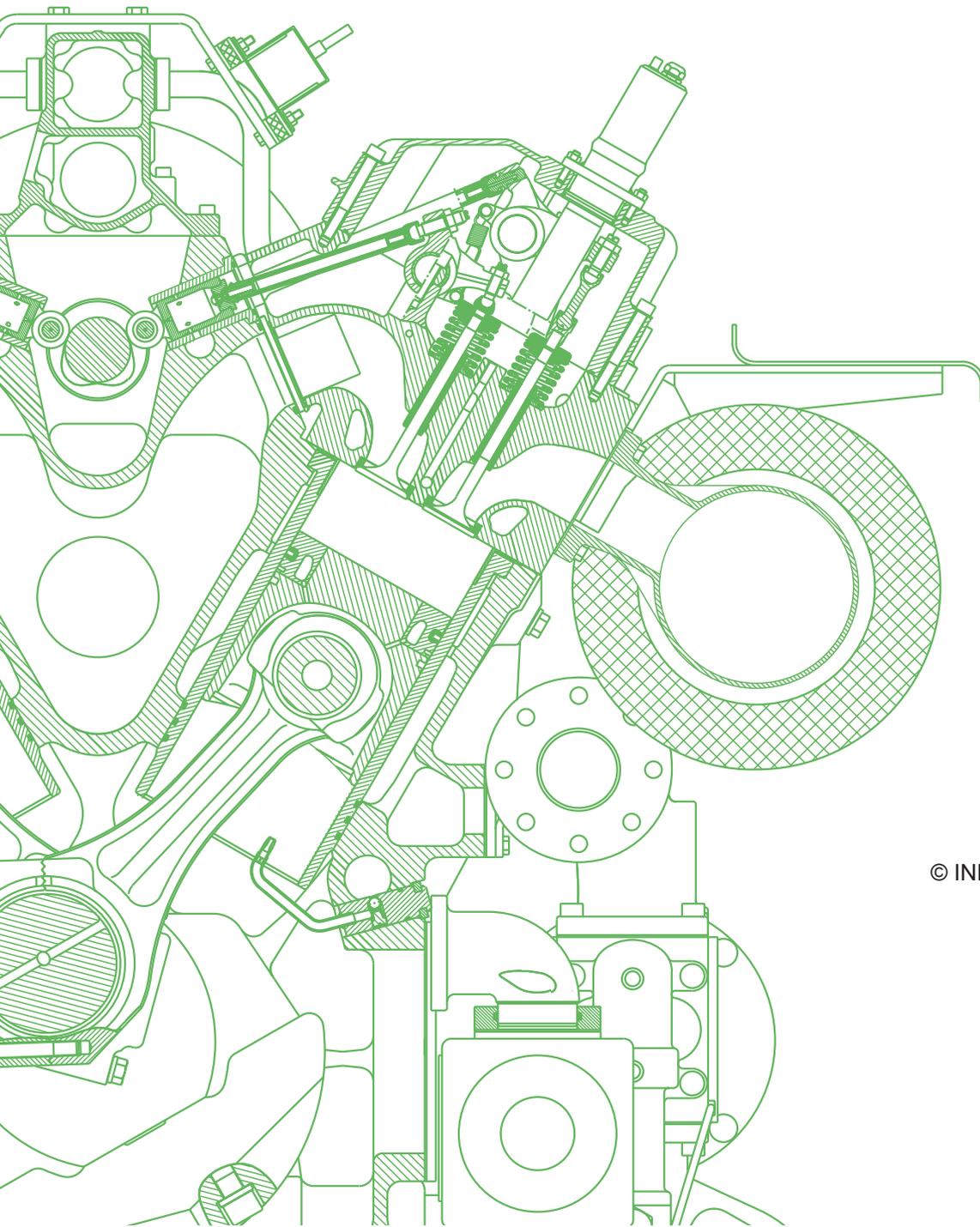




# IW 8086 A0

Maintenance Instruction

## Coupling and Engine mounting



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|          |                                                            |          |
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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 <sup>1)</sup> |
|--------------------------------------------------------|------------------------------------|------------------------------|
| ⇒ 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 <sup>*)</sup> |
|--------------------------------------------------------|------------------------------------|------------------------------|
| ⇒ 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 <sup>*)</sup> |
|--------------------------------------------------------|----------------------|------------------------------|
| ⇒ 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**

| <b>⚠ WARNING</b>                                                                    |                                                                                                                                                                                                                                                                                                                                                                                                                                              |
|-------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|  | <p><b>Personal injury</b></p> <p>Failure to use personal protective equipment and comply with safety instructions or employee protection information may lead to personal injury.</p> <ul style="list-style-type: none"> <li>➢ Wear the relevant personal protective equipment (PPE).</li> <li>➢ Observe the safety instructions as per TA 2300-0005.</li> <li>➢ Observe the employee protection information as per TA 2300-0001.</li> </ul> |

| ⚠ WARNING                                                                         |                                                                                                                                                                                                                                                                                                                                                                                                                  |
|-----------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|  | <p><b>Danger from unauthorised restarting</b></p> <p>Serious injuries such as cutting, crushing, severing or shearing of body parts due to unintentional contact with rotating or moving machine parts.</p> <ul style="list-style-type: none"> <li>➤ Shut down the engine as described in TA 1100-0105.</li> <li>➤ Secure the engine against unauthorised restarting in accordance with TA 2300-0010.</li> </ul> |
|  |                                                                                                                                                                                                                                                                                                                                                                                                                  |
|  |                                                                                                                                                                                                                                                                                                                                                                                                                  |

## 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                                                                                                                                                                                                                           | <b>Niedziela S.</b><br><i>Waldron P.</i> |
| 4 | 04.07.2019 | Metadaten angepasst / Metadata adapted                                                                                                                                                                                                                                                                                                                                                                                         | <b>Kecht S.</b><br><i>Pichler R.</i>     |
| 3 | 28.02.2019 | Strukturelle Anpassungen / Structural adaptations<br>Gültigkeit auf Baureihe 2 und 3 mit 50 Hz erweitert / Validation to type 2 and 3 with 50 Hz extended<br>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 | <b>Niedziela S.</b><br><i>Waldron P.</i> |
| 2 | 05.02.2013 | Alle 4000Bh Ausrichtung der Kupplung überprüfen / Check coupling alignment every 4000 Oh                                                                                                                                                                                                                                                                                                                                       | <b>Bilek</b><br><i>Gloiser</i>           |
| 1 | 16.05.2010 | Umstellung auf CMS / Change to <b>C</b> ontent <b>M</b> anagement <b>S</b> ystem ersetzt / replaced Index: <b>b</b>                                                                                                                                                                                                                                                                                                            | <b>Provin</b><br><i>Provin</i>           |