



W 8051 M9

Maintenance Instruction

Exhaust gas line



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1 Scope

This Maintenance Instruction (W) applies to the following Jenbacher Gas Engines:

- Type 9 engines

2 Purpose

This Maintenance Instruction (W) describes the maintenance interval.

3 Maintenance interval

Maintenance work	Maintenance interval	Carried out by ¹⁾
⇒ Inspecting the exhaust gas ventilation system	8,000 Oh / 1 year	INNIO
⇒ Inspecting the exhaust manifold	20,000 Oh	INNIO
⇒ Replacing the insulation	20,000 Oh	INNIO
⇒ Replacing the exhaust bend and Compensator	40,000 Oh / 10 000 starts	INNIO
⇒ Replacing the exhaust gas manifold	Condition-dependent ¹⁾	INNIO

¹⁾ 20 000 Thermal cycles

Valid for:

- Type 9: Maintenance schedule V

*) 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



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.



WARNING

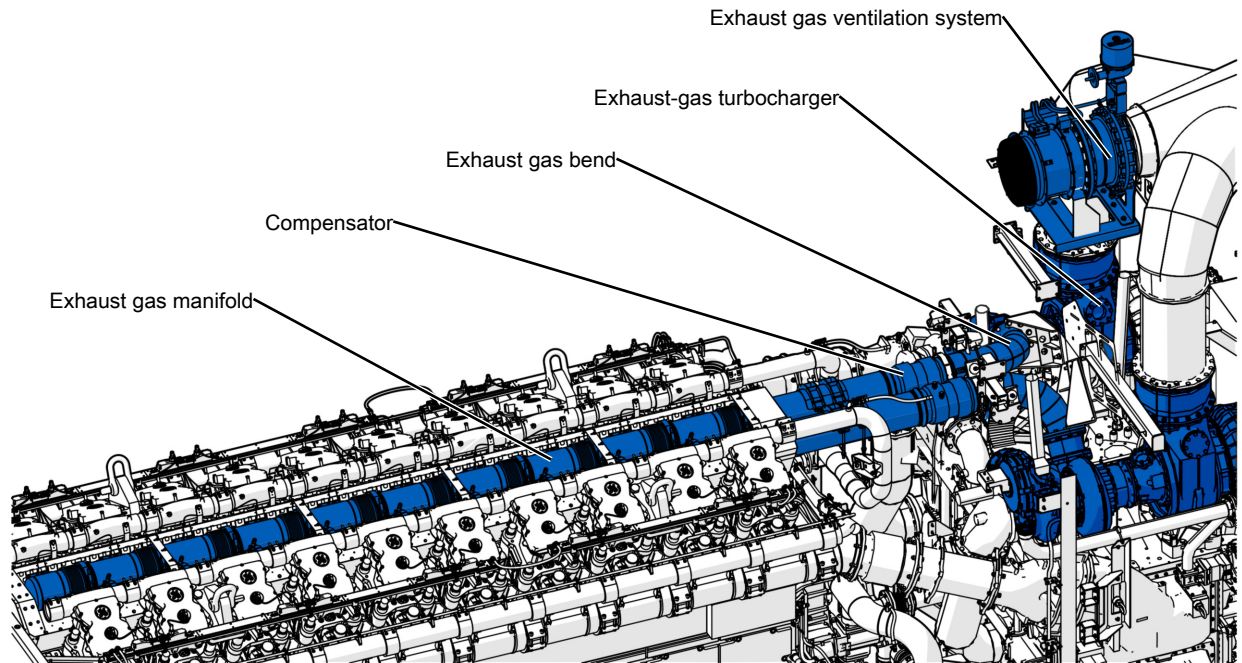


Personal injury

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.

5 Additional information



Overview of exhaust gas collection system

Relevant documents:

- TA 1100-0105 – Engine shut-down
- TA 2300-0001 – Employee protection
- TA 2300-0005 – Safety instruction
- TA 2300-0010 – LOTO measures and LOTO kit

6 Work steps

6.1 Inspecting the exhaust gas ventilation system

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

6.2 Inspecting the exhaust manifold

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

6.3 Replacing the insulation

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

- Replace the insulation on the exhaust gas manifold, compensator, exhaust gas bend and exhaust gas turbocharger.

6.4 Replacing the exhaust bend and Compensator

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

6.5 Replacing the exhaust gas manifold

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
6	04.09.2019	GE durch INNIO ersetzt / GE replaced by INNIO Elastomerteile ergänzt / Elastomer parts added	Buonomo C. <i>Fürhapter M.</i>
5	15.11.2017	Intervall Abgassammelleitung tauschen auf 20 000 Thermozyklen geändert, Ansaugisilierung inspizieren nach W 8054 M9 verschoben / Interval replacing the exhaust manifold adjusted to 20 000 Thermal cycles, Replacing the intake system insulation moved to W 8054 M9	De Sanctis A. <i>Waldron P</i>
4	04.04.2017	Intervall Abgassammelleitung inspizieren und Abgaskrümmen und Kompensator tauschen bei 40 000 Bh hinzugefügt / Interval for inspecting the exhaust gas manifold and for Exhaust bend and Compensators at 40kOh added	Gorniak B., De Sanctis A. <i>Waldron P</i>
3	16.11.2016	Intervall Abgassammelleitung und Abgasventilationssystem angepasst, Kompensatoren hinzugefügt / Interval Exhaust manifold and Exhaust ventilation system adjusted, Compensators added	Gorniak B., De Sanctis A. <i>Waldron P.</i>
2	18.12.2015	Update der Wartungsintervalle / Update of maintenance intervals	Dendl M. <i>Nota F.</i>
1	05.02.2015	Erstausgabe / First issue	Kecht <i>Nota.</i>