

**SERVICE
MANUAL**

**F106.6 / F106.6A
F156.6 / F156.6A**

Grader

Print No. 87726937A



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Product documentation

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TO THE READER

This repair manual is intended for **professional repair technicians**. It contains important information, needed for carrying out specialised repair work.

Please read carefully through the **repair manual**, and also the operating instructions, before undertaking any repair work.

Use the **repair manual**, but also use the **operating instructions** and **parts catalogue** for reference and guidance, even if you are already familiar with the technology used in graders.

The repair manual will allow the experienced construction machine mechanic to carry out the necessary repair work correctly.

USE

The repair manual describes the machine model in the form it was originally delivered. It does not describe any implements and modifications that maybe added later.

The repair manual contains the following information:

- Safety instructions
- Technical data and special tools
- Function description
- Performance test
- Troubleshooting and fault correction
- Repair instructions

The **Safety Instructions** section describes the recommended procedures for preventing the risk of injuries to the operator and the personnel responsible for maintaining and working on the machine.

The **Specifications** section contains service data, conversion tables and lists of special tools and maintenance materials required. The other sections contain the following information for each

mechanical assembly:

- technical description and information regarding the operation of essential systems and equipment;
- information about performance tests on the machine;
- troubleshooting and information for identifying faults on the machine;
- technical information necessary for repair operations on the machine, the equipment necessary for carrying out repairs, information about maintenance standards, procedures for removal/installation and for disassembly/assembly.

You can use the list of contents to find the necessary information easily.

The illustrations are partially simplified to make them more easily understood.

Although it may result in apparent differences with your particular grader model, this is intended to make the information clearer.

REPAIR

Carry out the required repair operations as soon as possible. Doing so will reduce repair costs and increase the availability of your grader.

In all repair operations, always follow the instructions in the workshop manual and the operating instructions. Customer Service will be pleased to carry out for you any extensive operations not described in the workshop manual.

Always use only **original replacement parts**.

FURTHER REFERENCE MATERIAL

In addition to the present manual, please also refer to the following documentation:

- Operating instructions
- Parts catalogue

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