

WSM

WORKSHOP MANUAL
FRONT LOADER

LM2605

Kubota

TO THE READER

This workshop manual provides safety information for service activity, general information such as specifications and dimensions of the machine, mechanisms and structure descriptions of the machine, and service procedures.

Safety

This section contains safety service descriptions and safety label information.

General

This section contains general instructions, tightening torques, general machine information and special tools.

Maintenance

This section contains information for the recommended oil and general maintenance procedures.

Each section basically consists of mechanism and servicing.

Mechanism

Mechanism part contains information and explanations for the structure, functions, and specifications of the machine or component parts. This part should be comprehended before proceeding with troubleshooting, disassembling, assembling, and servicing works.

Servicing

Servicing part contains information and procedures for maintenance, troubleshooting and repair works. The reader should follow these instructions in order to satisfy any servicing work safely, correctly and quickly.

In this WSM, service specifications and service limits are defined as followings.

Service specifications:

Specification which corresponds to new machine's ex-factory. It is based on quality standard, drawings, or actual measurements conducted by Kubota. This value is used to determine whether there is a problem with the machine in the event of a troubleshooting. However, it is necessary to consider degradation due to wear, based on the operating time of the machine, application or maintenance condition.

Service limits:

Service limit is a value corresponding to the recommended performance limit by taking long term-use wear into account. When the service limit is reached, the machine is required to have proper repair, overhaul or replacement in order to keep safe and adequate performance.

All of the illustrations, photographs, specifications, and other information in this manual were created based on the latest model at the time of publication.

The parts names used in this manual are unified into names representing the functions of the parts. Therefore, it does not necessarily correspond to the names used in other materials (parts list, operators manual etc.) and the name on the label / identification plates on the product.

Kubota reserves the right to change all information at any time without notice.

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SUPPLEMENTARY INFORMATION

Model name and related manuals
This manual applies to the following model.

Model name
LM2605

RECORD OF REVISIONS

Main revised contents and corrective measures are described in a table.
Find the main revised point and corrective measure through the reference page.

Last digit of the code No.	Month of Revision	Main revised point and corrective measure	Reference page
1	2016 Mar.	Operational specifications and performance curve are corrected.	2-20 2-21
		Main frame mounting bolt tightening torque is corrected.	3-7
		Checking resistance of solenoid valve is added.	4-85 4-87 4-119
2	2018 Mar.	• Correct error of electrical circuit.	4-62
		• Add location of joint connector.	4-66
		• Correct resistance of 3rd function solenoid valve.	4-86
		• Adding information on disassembling control valve, 3rd function valve and 4th function valve.	4-98 4-102 4-107 4-111
3	2018 Sep.	• Updating DTC list.	4-121
		• Adding harness list and electrical inspection table.	4-78
		• Updating information on electrical circuit.	4-62
4	2021 Jun.	• Revised suitable tractor table	2-19
		• Revised specifications for loader table	2-19
		• Added specifications for bucket table	2-19
		• Revised operational specifications	2-21
		• Added Release Tool (1/2 SCH)	2-25
		• Added Release Tool (3/8 SCH)	2-25
		• Updated lubricants table	3-3
		• Added loader service intervals	3-1
		• Added re-tightening of hardware	3-7
		• Revised circuit of outline of open center electrical diagram	4-62
		• Revised outline of a closed center electrical diagram	4-65
		• Revised tightening torques for loader	4-84
		• Revised removing boom cylinder	4-114
		• Added bolt marking procedure to when reassembling side frame	4-117
		• Revised the torque value of main frame mounting bolt (M27)	4-119
		• Added torque value of front guard mounting nut	4-119

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