WSM

WORKSHOP MANUAL

UTILITY VEHICLE

RTV520

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.

December 2020

© KUBOTA Corporation

SUPPLEMENTARY INFORMATION

Model name and related manuals

This manual applies to the following model.

Model name
RTV520

TRADEMARKS AND REGISTERED TRADEMARKS

- LOCTITE® is a registered trademark of Henkel in Germany and elsewhere.
- ThreeBond® is the trademark or registered trademark of ThreeBond Co., Ltd.

Company names, product names and service names described in this manual are trademarks or registered trademarks of their respective owners. In the text, those names are not always accompanied by trademark indication (TM, ®).

RECORD OF REVISIONS

For pdf, use search function [Search word] to find all the revised locations.

Last digit of the code No.	Month of revision	Main revised point and corrective measure [Search word]	Reference page
1	2021 March	Added aluminum wheel bolt torque	2-17 3-14 3-30 4-28 4-39 5-39 6-3 6-6 7-10 7-14 8-5 9-4
		Added torque value for master cylinder to frame	7-10 7-16
		Added torque value for ground cable to frame	4-28 4-40 5-39
		Added torque value for ignition coil plate to transaxle	4-28 4-45 5-39
		Added torque value for battery cable to terminal	4-28 4-39 5-39 6-3
		Revised wire color V to P in electric circuit	—
2	2021 April	Added condition table and updated valve operating pressure	5-10 5-11 5-15 5-38 5-41 5-42 5-44
		Deleted the use of liquid gasket	9-8
		Update ignition coil resistance value with spark plug caps installed	10-20 10-42