

# WSM

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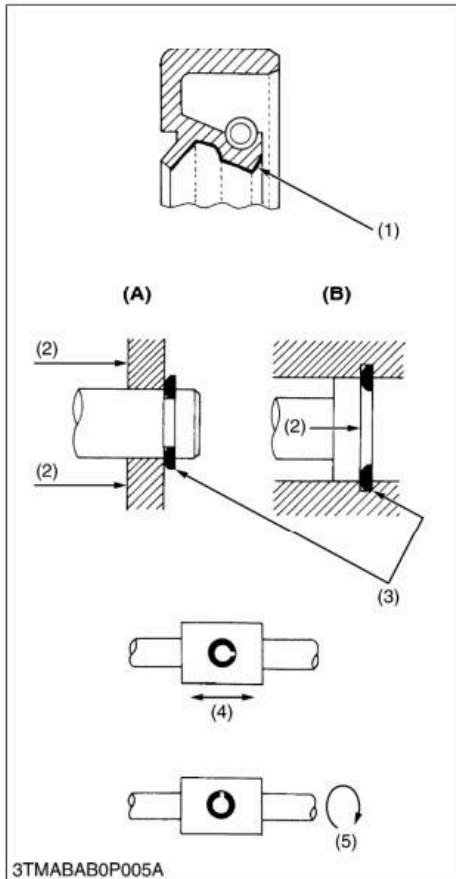
WORKSHOP MANUAL  
**ROTARY MOWER**

**RCK54-32, RCK60-32**

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**Kubota**

## 2. GENERAL PRECAUTIONS



- When you disassemble, carefully put the parts in a clean area to make it easy to find the parts. You must install the screws, bolts and nuts in their initial position to prevent the reassembly errors.
- When it is necessary to use special tools, use KUBOTA special tools. Refer to the drawings when you make special tools that you do not use frequently.
- Before you disassemble or repair machine, make sure that you always disconnect the ground cable from the battery first.
- Remove oil and dirt from parts before you measure.
- Use only KUBOTA genuine parts for replacement to keep the machine performance and to make sure of safety.
- You must replace the gaskets and O-rings when you assemble again. Apply grease (1) to new O-rings or oil seals before you assemble.
- When you assemble the external or internal snap rings, make sure that the sharp edge (3) faces against the direction from which force (2) is applied.
- When inserting spring pins, their splits must face the direction from which a force is applied. See the figure on the left side.
- To prevent damage to the hydraulic system, use only specified fluid or equivalent.
- Clean the parts before you measure them.
- Tighten the fittings to the specified torque. Too much torque can cause damage to the hydraulic units or the fittings. Not sufficient torque can cause oil leakage.
- When you use a new hose or pipe, tighten the nuts to the specified torque. Then loosen (approx. by 45 °) and let them be stable before you tighten to the specified torque (This is not applied to the parts with seal tape).
- When you remove the two ends of a pipe, remove the lower end first.
- Use two pliers in removal and installation. One to hold the stable side, and the other to turn the side you remove to prevent twists.
- Make sure that the sleeves of flared connectors and tapers of hoses are free of dust and scratches.
- After you tighten the fittings, clean the joint and apply the maximum operation pressure 2 to 3 times to check oil leakage.

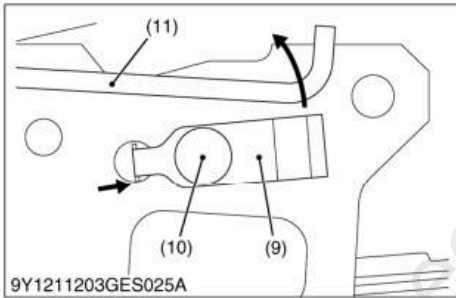
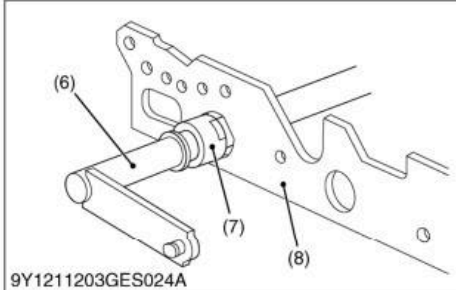
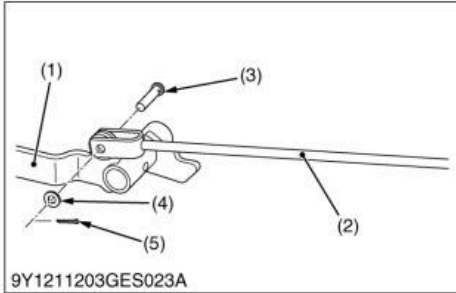
- (1) Grease  
 (2) Force  
 (3) Sharp Edge  
 (4) Axial Force  
 (5) Rotating Movement

- (A) External Cir-clip  
 (B) Internal Cir-clip

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## [2] SETTING UP THE LINKS



### Shaft Arm and Connecting Rod

1. Put the shaft arm (1) and the connecting rod (2) together with the clevis pin (3), the plain washer (4) and the cotter pin (5).

#### ■ IMPORTANT

- **When assembling the connecting rod, insert the clevis pin (3) from the inside as shown in the figure.**
2. Install the bush (7) to the lift shaft (6). Apply grease inside of bush.
  3. Install the lift shaft (6) from the right side of the tractor stay hole.
  4. Install the bush (7) from the left side of the tractor stay hole.
  5. Set the retainer (9) at the outside of the frame LH (11) as shown in the figure. Tighten with a square neck bolt (10). Turn till the notch contacts the hole.

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|--------------------|-----------------------|
| (1) Shaft Arm      | (7) Bush              |
| (2) Connecting Rod | (8) Tractor Stay      |
| (3) Clevis Pin     | (9) Retainer          |
| (4) Plain Washer   | (10) Square Neck Bolt |
| (5) Cotter Pin     | (11) Frame LH         |
| (6) Lift Shaft     |                       |

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Symptom	Probable Cause and Checking Procedure	Solution	Reference Page
<b>Mower Is Not Lifted</b>	1. 3-point lowering speed knob of the tractor is locked.	Unlock the knob	See the tractor operator's manual
	2. Broken linkage system	Replace linkage system	1-M2
	3. Trouble of hydraulic system	Check hydraulic system	1-M2, see the tractor WSM
<b>Blade Does Not Rotate</b>	1. Mower belt broken	Replace the mower belt	G-10
	2. PTO clutch broken	Solution order 1. Check the pressure plate, clutch disc and steel plate	See the tractor WSM
		2. Replace the PTO clutch	See the tractor WSM
<b>Blade Speed is Low</b>	1. Mower belt loosen	Replace the mower belt or tension spring	G-10
	2. Grass clogged	Remove the grass	-
	3. Cup washer flattened out or worn	Replace cup washer	1-S7
<b>Cutting is Poor</b>	1. Blades worn or broken	Sharpen or replace the blade	G-8, G-10
	2. Mower belt mounting screw loosen	Retighten mounting screw	G-10
	3. Improper cutting height	Adjust cutting height	1-S6

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# Full Version Available

Kubota RCK54-32 Rotary Mower Workshop Manual

This is a short preview. The complete manual contains all chapters, wiring diagrams, torque specifications and full service procedures.

**VIEW THE FULL MANUAL**

<https://machinecatalogic.com/kubota-rck54-32-rotary-mower-workshop-manual/>