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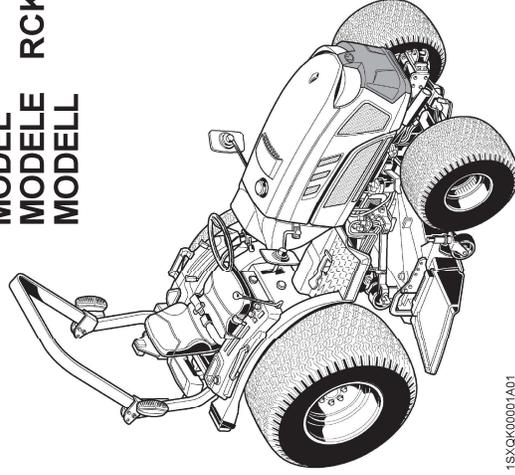
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OPERATOR'S MANUAL KUBOTA ROTARY MOWER

MANUEL D'UTILISATION TONDEUSE ROTATIVE KUBOTA

BEDIENUNGSANLEITUNG KUBOTA-KREISELMÄHER

MODEL RCK60-40LX-EU
MODELE
MODELL



1SXCK00001A01

RCK60-40LX-EU

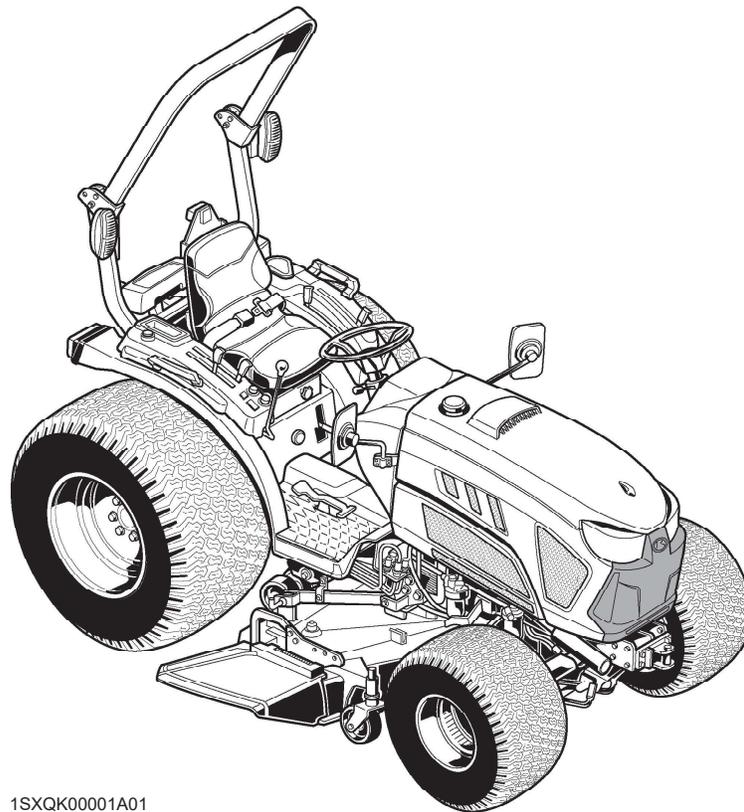
READ AND SAVE THIS MANUAL
VEUILLEZ LIRE ET CONSERVER CE MANUEL
DIESES HANDBUCH LESEN UND
GUT AUFBEWAHREN



OPERATOR'S MANUAL

KUBOTA ROTARY MOWER

MODEL RCK60-40LX-EU



1SXQK00001A01

READ AND SAVE THIS MANUAL
- Original instructions -

Kubota

ABBREVIATION LIST

Abbreviations	Definitions
Hi-Lo	High speed-Low speed
HST	Hydrostatic Transmission
PTO	Power Take Off
RH	Right Hand (Standing in the direction of travel)
LH	Left Hand (Standing in the direction of travel)
ROPS	Roll-Over Protectives Structure
SAE	Society of Automotive Engineers, USA
r/s	Revolutions per second
rpm	Revolutions per minute
m/s	Meters per second
fpm	Feet per minute

Intended use

This machine is designed solely for use in customary grass cutting operation. Use in any other way is considered as contrary to the intended use. Compliance with and strict adherence to the conditions of operation, service, and repair as specified by the manufacturer, also constitute essential elements of the intended use.

This machine should be operated, serviced, and repaired only by persons who are familiar with its particular characteristics and who are acquainted with the relevant safety procedures.

Accident prevention regulations, all other generally recognised regulations on safety and occupational medicine, and all road traffic regulations must be observed at all times.

Any arbitrary modifications carried out to this machine may relieve the manufacturer of liability for any resulting damage or injury.

manufacturer or distributor of the machine	Kubota Corporation
the model designation of the machine	RCK60-40LX-EU
the name or type of publication	Operator's Manual
the part number or publication number by which the manual may be ordered	K5827-7111-4
the date of issue	1 September 2020
the publication date	13 September 2022
the language in which the manual is written	English

FOREWORD

You are now the proud owner of a KUBOTA ROTARY MOWER. This machine is a product of KUBOTA's quality engineering and manufacturing. It is made of excellent materials and under a rigid quality control system. It will give you long, satisfactory service. To obtain the best use of your rotary mower, please read this manual carefully. It will help you become familiar with the operation of the machine and contains many helpful hints about rotary mower maintenance. It is KUBOTA's policy to utilise as quickly as possible every advance in our research. The immediate use of new techniques in the manufacture of products may cause some small parts of this manual to become outdated. KUBOTA distributors and dealers will have the most up-to-date information. Please do not hesitate to consult with them.

SAFETY FIRST

This symbol, the industry's "Safety Alert Symbol", is used throughout this manual and on labels on the machine itself to warn of the possibility of personal injury. Read these instructions carefully. It is essential that you read the instructions and safety regulations before you attempt to assemble or use this unit.



DANGER : Indicates an imminently hazardous situation which, if not avoided, will result in death or serious injury.



WARNING : Indicates a potentially hazardous situation which, if not avoided, could result in death or serious injury.



CAUTION : Indicates a potentially hazardous situation which, if not avoided, could result in minor or moderate injury.

IMPORTANT : Indicates that equipment or property damage could result if instructions are not followed.

NOTE : Gives helpful information.

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SAFE OPERATION

Careful operation is your best insurance against an accident.

Read this *SAFE OPERATION* section carefully before operating the mower. All operators, no matter how much experience they may have had, should read this manual, tractor manual, and other related manuals before operating mower. It is the owner's obligation to instruct all operators on safe operation.

PRECAUTIONS BEFORE OPERATION OF THE MOWER

1. Precautions for the operator before operating the mower

- Do not operate the tractor while under the influence of alcohol, medication, other substances, or while fatigued.
- Know the controls thoroughly, and learn how to stop the mower quickly in an emergency. Know your equipment and its limitations.
- Do not wear loose, torn, or bulky clothing around the tractor. The clothing may catch on moving parts or controls, leading to the risk of accident. Wear and use any additional safety items such as hard hat, safety boots or shoes, eye and hearing protection, gloves, and so on, as appropriate or required.
- Never allow children to operate the mower, even under adult supervision.
- Read and understand this manual and the tractor Operator's Manual before operating mower. Allow only a properly trained person to operate the tractor.

2. Precautions of the machine, the blades, and the equipment

- Never operate the mower without proper guards, shields, and the grass catcher bag or the discharge deflector in place.
- Keep all shields and guards in place. Replace any that are missing or damaged.
- Many safety devices equip with the mower. Do not alter or remove any part of safety system for your safety.
- Keep all nuts, bolts, and screws tight to be sure the mower is in safe working condition.
- Check the blade bolts at frequent intervals for proper tightness.

- Inspect the blades for wear and damage. You can sharpen a dull blade, but replace a blade that is worn out, bent, cracked, or otherwise damaged.
- Replace damaged or illegible safety decals. (See PICTORIAL SAFETY LABELS on page 5 for the required labels.)
- Do not modify the mower. Unauthorised modification may affect the function of the mower, which may result in personal injury.
- Keep your mower clean. Accumulations of grass, dirt, grease, and trash can contribute to fires and lead to personal injury.
- Wear heavy gloves or wrap end of blade with a rag when you handle blades.

3. Precautions of the working area

- Thoroughly inspect the area where the mower is to be used. Remove all stones, sticks, wires, bones and other objects that could be thrown at high speed.
- Keep the area of operation clear of all persons, particularly small children, and pets. Keep all people and pets at a safe distance from the work area.

PRECAUTIONS OF OPERATION OF THE MOWER

1. Precautions for starting the mower

- Never start the engine or operate levers from anywhere other than the operator's seat.
- Before starting the engine, make sure the following items:
 - All levers are in their “NEUTRAL” positions.
 - The parking brake is engaged.
 - The clutch of the power take-off (PTO) is disengaged (OFF).

2. Precautions for mowing

- Keep bystanders at a safe distance from the tractor during mowing operations.
- Do not stand on the mower.
- Never operate the mower in the transport position.
- While making turns in rough terrain, reduce tractor speed.
- Do not mow while operating the machine in reverse unless absolutely necessary. Before mowing while

SAFE OPERATION

operating the machine in reverse, inspect of the entire area behind the mower.

Be extra careful of children.

- Upon striking a foreign object, stop and inspect the tractor and the mower for damage. Repair the damage before resuming operation.
- If the discharge deflector of the mower becomes clogged, follow the following procedure before continuing mowing.
 1. Stop the tractor.
 2. Disengage the mower drive.
 3. Turn off the engine and remove the key.
 4. Clean out the discharge deflector.
- When mowing in rough terrain or in high grass, set the mower to the highest cutting level to reduce the possibility of the mower striking debris or hidden objects.
- Hillside operation is dangerous and is not recommended. If it is necessary to mow on a hillside, use extreme caution. Never mow across the face of a slope. Do not operate with the loader.
- Do not mow on steep inclines, rough terrain, or near drop-offs.

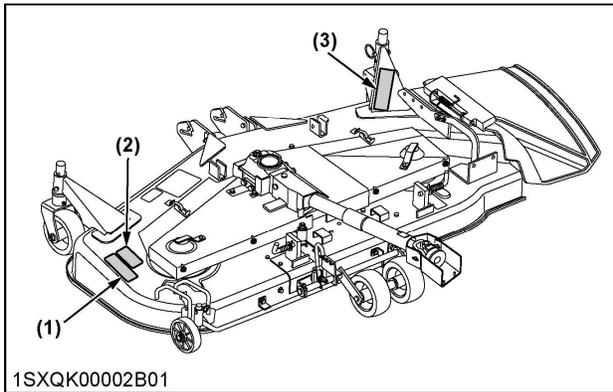
PRECAUTIONS OF MAINTENANCE AND STORAGE OF THE MOWER

Do not adjust or repair while the tractor and mower are running. To adjust or repair the mower, follow the following procedure.

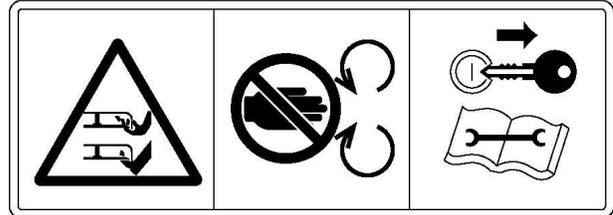
1. Shut off the engine.
2. Remove the key.
3. Set the handbrake.
4. Allow the blades to stop.

⚠️ SAFE OPERATION

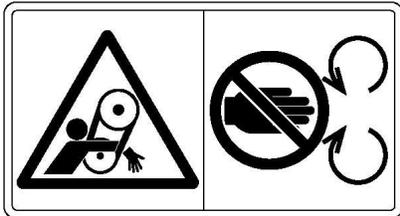
PICTORIAL SAFETY LABELS



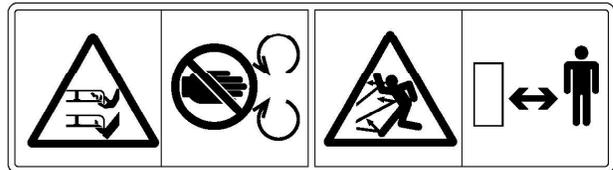
- (1) Part No. K5644-4179-1
- Severing of hands or feet - blade
 - Shut off the engine and remove the key before performing maintenance repair work.
 - Do not put hands or feet into the mower when the engine is running.



- (2) Part No. K5622-4180-1
- Hand and arm entanglement - Belt drive
 - Do not get your hands close to the driving belt.



- (3) Part No. K5644-4178-1
- Severing of hands or feet - blade
 - Do not put hands or feet into the mower when the engine is running.
 - Thrown or flying objects - Full body exposure
 - Stay clear of discharge opening at all times.
 - Do not operate mower without discharge deflector.



SAFE OPERATION

CARE OF PICTORIAL SAFETY LABELS

- Keep pictorial safety labels clean and free from obstructing material.
- Clean pictorial safety labels with soap and water, and dry with a soft cloth.
- Replace damaged or missing pictorial safety labels with new labels from your local KUBOTA Dealer.
- If a component with pictorial safety label(s) affixed is replaced with a new part, make sure new label(s) is (are) attached in the same location(s) as the replaced component.
- Affix new pictorial safety labels by applying on a clean dry surface and pressing any bubbles to the outside edge.

IMPORTANT

To obtain maximum productivity from your mower, read and observe the following items.

FOR MAXIMUM PRODUCTIVITY

1. Adjusting the anti-scalp rollers and wheels

Adjust the anti-scalp rollers and wheels according to the mowing height. Refer to the following label. This label is also affixed to the mower deck.

"H"	①	②	③	④
38mm (1.5")	C-X	1	a-x	I
51 (2.0)	C-Y	2	b-x	II
64 (2.5)	B-X	3	c-x	III
76 (3.0)	B-Y	4		
89 (3.5)	A-X	5		
102 (4.0)	A-Y	6		

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- (1) Front gauge wheel
- (2) Rear gauge wheel
- (3) Anti-scalp wheel
- (4) Anti-scalp roller (Not attached to this mower)

2. Adjusting the mower link length

Before attaching the mower link, adjust the mower link lengths according to the table.

See Adjusting the front link length on page 22

Length of front link	488 mm
Length of connecting rod	250 mm

3. Greasing

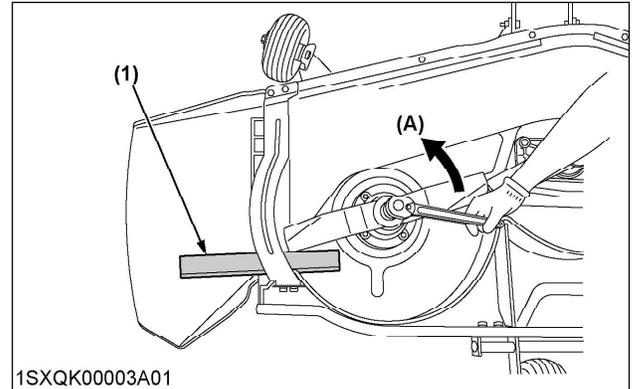
Grease the following parts. (See CHECK AND MAINTENANCE on page 29.)

- Universal joint
- Front gauge wheel brackets
- 3 spindle shafts
- Belt tension pulley
- Belt tension pivot
- Anti-scalp roller
- Front and rear gauge wheels

- Mower link pivot

4. Removing the blades

When necessary, remove the blades as shown. (See Replacing the blade on page 31.)



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- (1) Block
- (A) "LOOSEN" (anticlockwise)

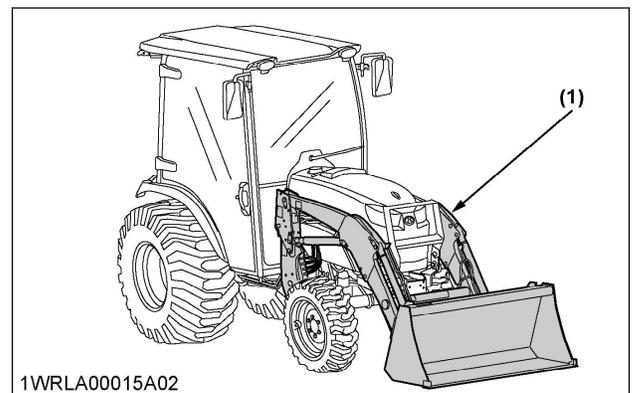
5. Operating with a loader

When operating the loader in rough terrain, remove the mower to avoid interference between obstacles and the mower, and consequent damage of the mower.

! WARNING

To avoid serious injury or death:

- When operating the mower on a hillside, be sure to remove the loader to reduce the risk of roll-over.



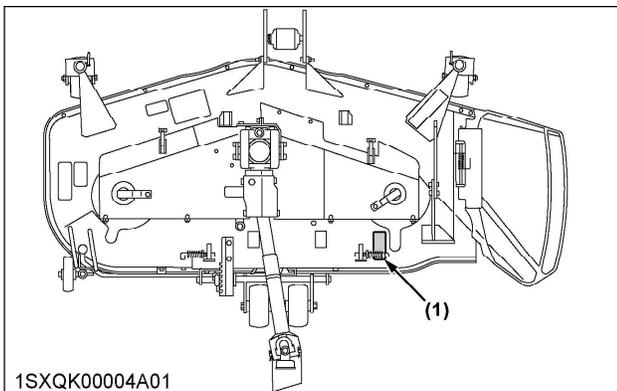
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- (1) Front loader

SERVICE OF THE MOWER

DEALER SERVICE

When in need of parts or service, give the serial number of the mower to the dealer. The serial number is located on the right side of the mower deck.



1SXQK00004A01

(1) Serial number

For your reference, record the serial number in the space provided.

KUBOTA mower

Model	
Serial number	
Date of purchase	
Name of dealer	

WARRANTY OF THE MACHINE

This machine is warranted under the KUBOTA Limited Express Warranty, a copy of which may be obtained from your selling dealer.

No warranty shall, however, apply if the machine has not been handled according to the instruction given in the Operator's Manual even it is within the warranty period.

SCRAPPING PROCEDURE OF THE MACHINE

To put the machine out of service, correctly follow the local rules and regulations of the country or territory where you scrap it.

If you have questions, consult your local KUBOTA Dealer.

INTRODUCTION

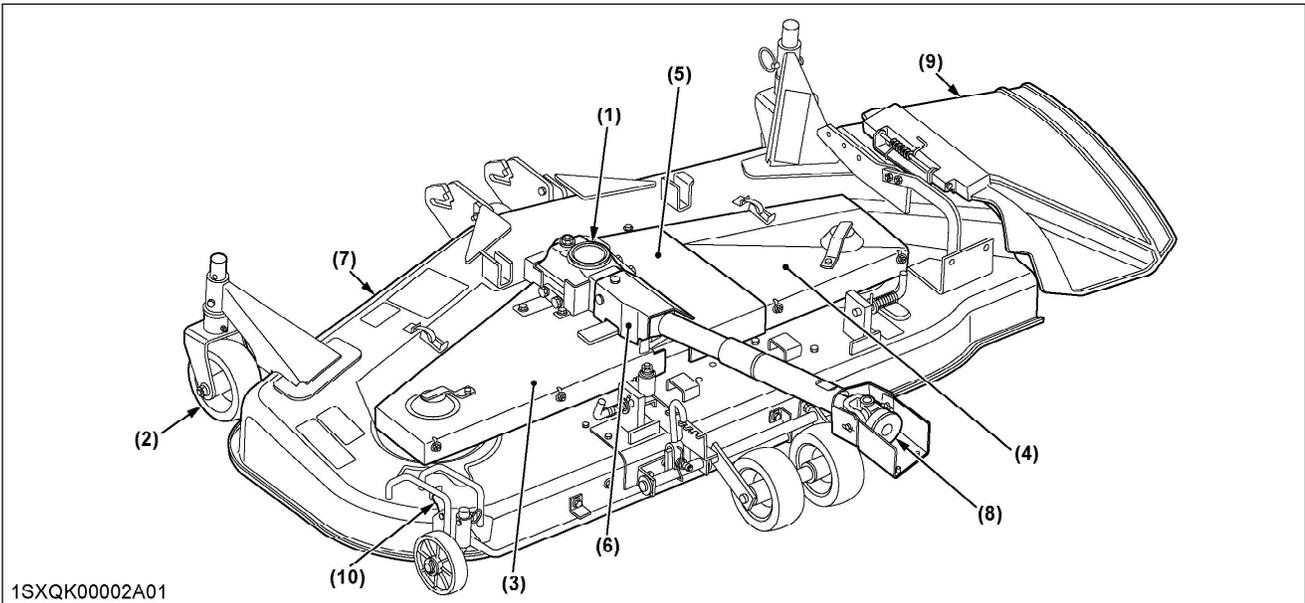
SPECIFICATIONS

Model		RCK60-40LX-EU	
Suitable tractor		LX-351 H, LX-351 HQ, LX-401 H, LX-401 HQ	
Mounting method		Parallel linkage	
Adjustment of cutting height		Gauge wheel	
Cutting width	mm	1524	
Cutting height	mm	38 to 102	
Weight (approximation)	kg	177	
Blade spindle speed	r/s (rpm)	48.5 (2910)	
Blade tip velocity	m/s (fpm)	79.8 (15700)	
Blade length	mm	523	
Number of blades		3	
Dimensions	Overall length	mm	1175
	Overall width	mm	1922
	Overall height (min.)	mm	345
Sound power level (*1)	dB (A)	108 (*2)	

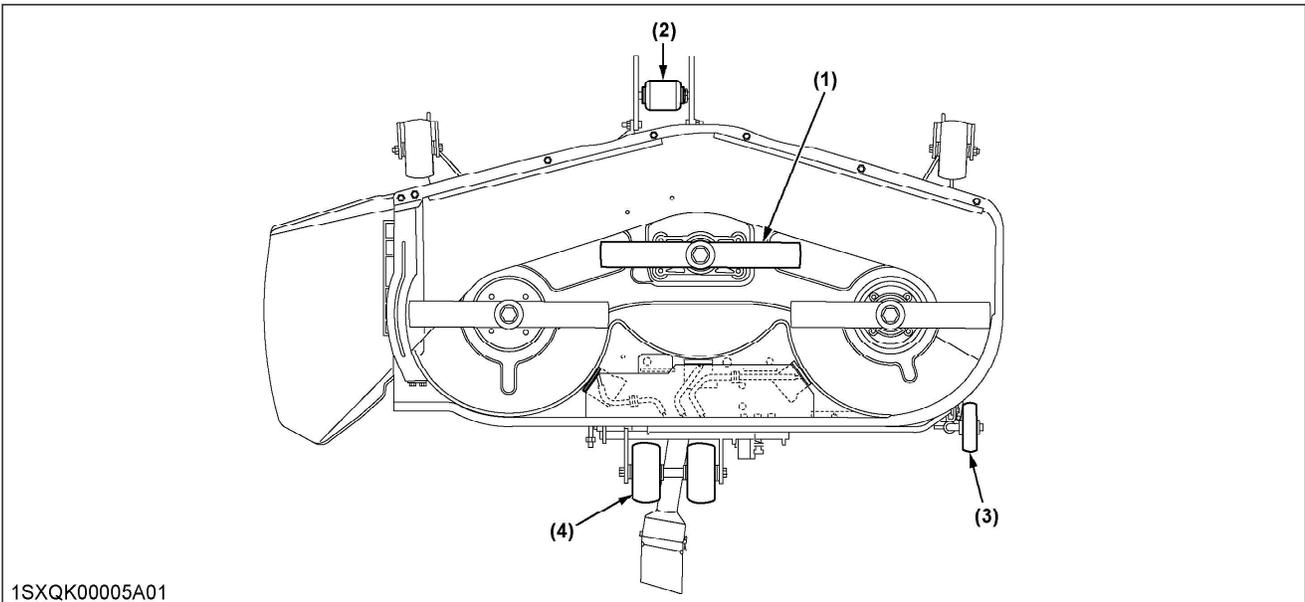
*1 This sound power level is for your guideline, provided that the **LX-401 H** tractor is equipped with the mower. The sound power level is not a guaranteed value if the mower is attached on any other machines than the **LX-401** tractor.

*2 This sound power level was measured at an engine speed of 2700 rpm.

TERMINOLOGY OF THE MOWER



- | | | |
|-----------------------|---------------------------|-------------------------|
| (1) Gear box | (5) Centre cover | (9) Discharge deflector |
| (2) Front gauge wheel | (6) Universal joint cover | (10) Wash port |
| (3) Left shield | (7) Deck | |
| (4) Right shield | (8) Universal joint | |



- | | |
|-----------------------------|----------------------|
| (1) Blade | (3) Anti-scalp wheel |
| (2) Front anti-scalp roller | (4) Rear gauge wheel |

SETTING UP OF THE MOWER

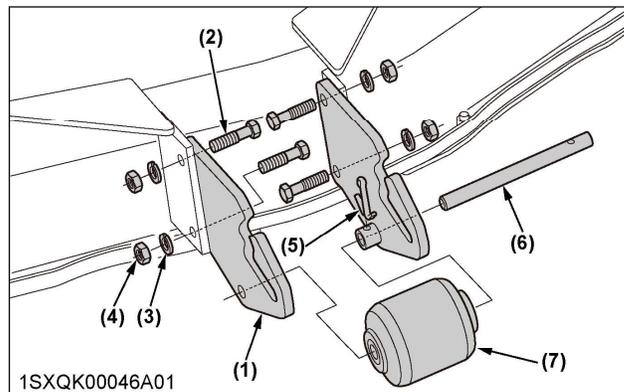
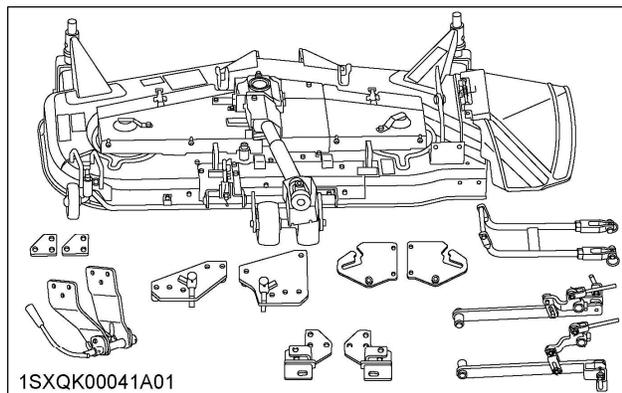
SETTING-UP PROCEDURE OF THE MOWER

Some of the mower parts were packed separately. Read the following procedure to properly assemble the mower.

1. **Pre-assembly**
(See Checking the parts of the mower before assembly on page 11.)
2. **Setting up the mower**
(See Setting up the mower on page 11.)

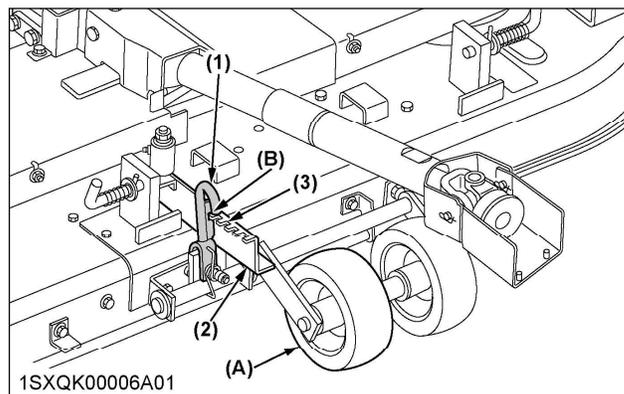
1. Checking the parts of the mower before assembly

1. Get all the mower components out from the case, and check the parts as illustrated in the following figures.
Some of these parts may already be assembled to the mower deck.



- (1) Front bracket LH, RH
- (2) M10 × 40 bolt
- (3) Spring washer
- (4) Nut
- (5) Split pin (47 mm)
- (6) Shaft
- (7) Front anti-scalp roller

2. Set the front gauge wheels to 38 mm position. Refer to the wheel label.
3. Set the adjusting lever into the forefront notch ("LOWEST" cutting height position) of the adjusting plate.



- (1) Adjusting lever
- (2) Adjusting plate
- (3) Notch
- (A) Rear gauge wheel
- (B) Forefront notch ("LOWEST" cutting height position)

2. Setting up the mower

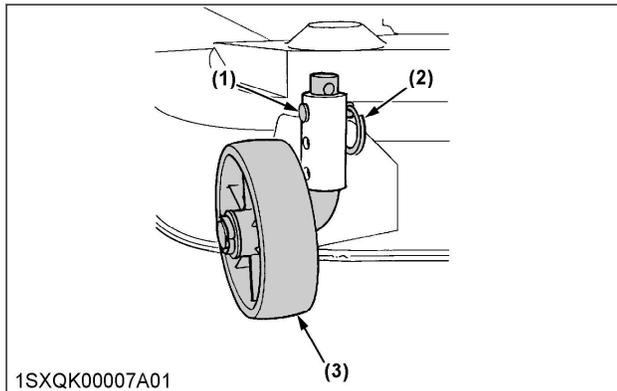
⚠ WARNING
To avoid serious injury or death:

- Operate the mower with the mower deck shields and universal joint covers.

1. Attach the pair of front brackets and the front anti-scalp roller. Be careful of the direction and position of the front brackets.

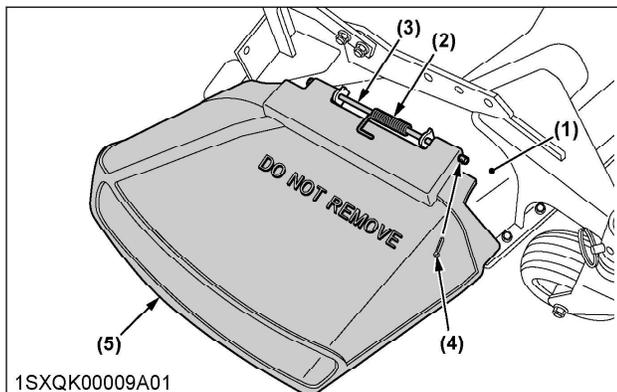
Tightening torque	M10	48.1 to 55.9 N·m 4.9 to 5.7 kgf·m
-------------------	-----	--------------------------------------

4. Set the clevis pin of the anti-scalp wheel into the "TOPMOST" hole.



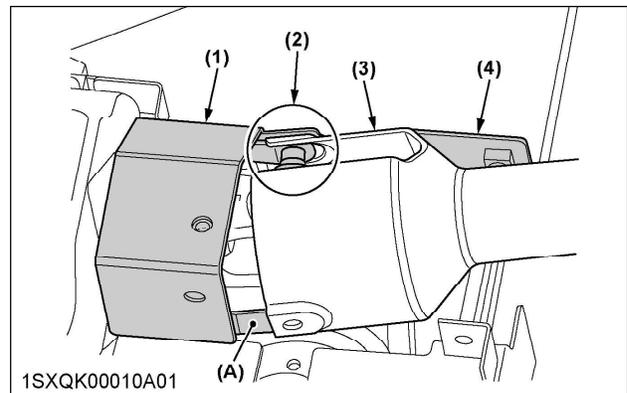
- (1) Clevis pin ($\phi 7.9 \times 35$)
 (2) Snap ring
 (3) Anti-scalp wheel

5. Attach the discharge deflector to the deck with the spring, discharge pin and cotter pin. Secure the spring to the discharge deflector as illustrated.



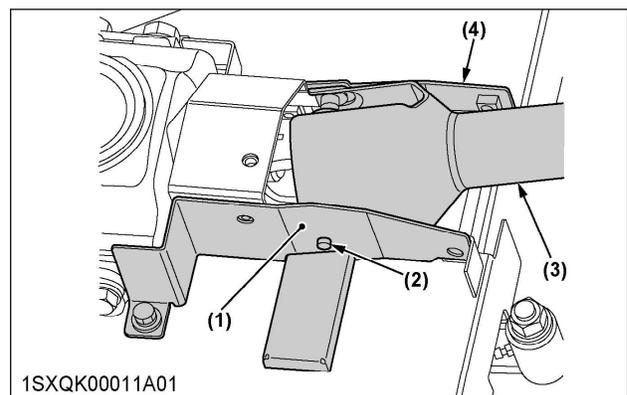
- (1) Deck
 (2) Spring
 (3) Discharge pin
 (4) Cotter pin
 (5) Discharge deflector

6. Insert the front universal joint into the front universal joint cover and set the cover as follows. Insert the pin to the front universal joint cover. Cover guide part (A) is set inside the front universal joint cover.



- (1) Roof cover
 (2) Pin
 (3) Front universal joint cover
 (4) Centre cover
 (A) Cover guide part

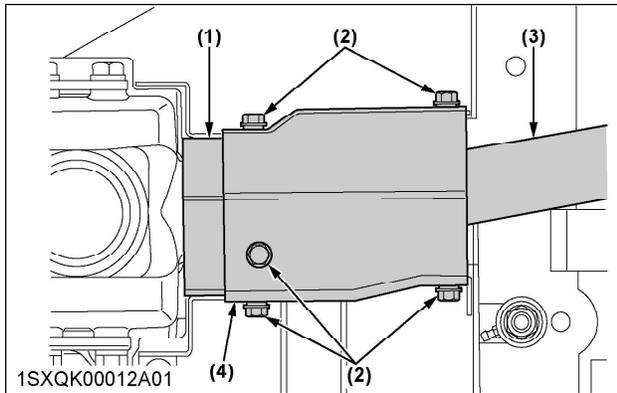
7. Set the LH cover and insert the pin to the front universal joint cover.



- (1) LH cover
 (2) Pin
 (3) Front universal joint cover
 (4) Centre cover

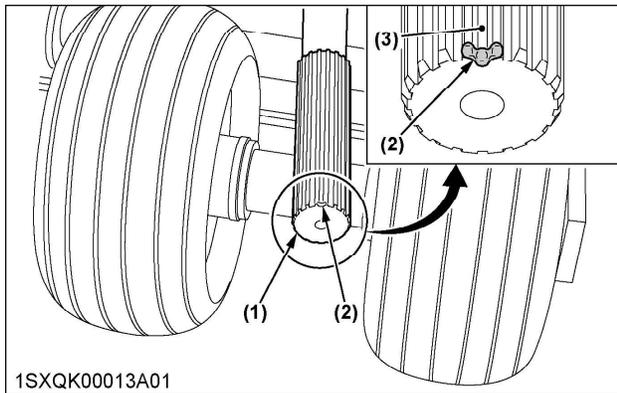
8. Install the rubber cover with the M8 shoulder bolt.

Tightening torque	M8	23.5 to 27.5 N·m 2.4 to 2.8 kgf·m
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- (1) Roof cover
- (2) Shoulder bolt
- (3) Front universal joint cover
- (4) Rubber cover

9. Turn the front universal joint to set the weld point of its spline to the "TOPMOST" position.



- (1) Front universal joint
- (2) Weld point at the "TOPMOST" position
- (3) Spline of universal joint

MOUNTING THE MOWER TO THE TRACTOR

WARNING

To avoid serious injury or death:

- Park the tractor on a firm, flat and level surface, set the handbrake, stop the engine and remove the key.

IMPORTANT :

- Before mounting the mower deck, be sure to remove the front loader.
- This mower needs the 6F172-99600 lift cylinder kit. Before mounting the mower link, install this kit.

MOUNTING THE HANGER BRACKETS TO THE TRACTOR

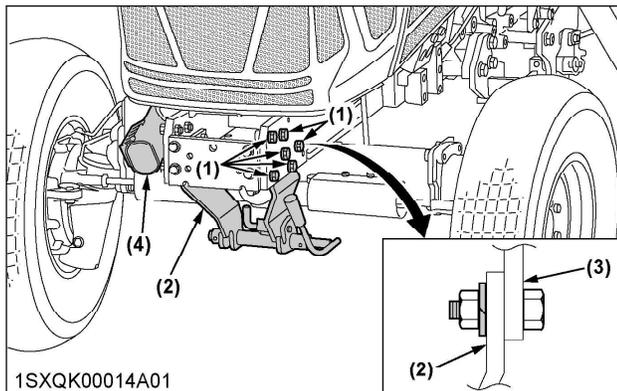
1. Front hanger bracket

IMPORTANT :

- Before installing the hanger bracket, remove the muffler cover.
- After installing the hanger bracket, be sure to re-install the muffler cover.

1. Attach the front hanger bracket assembly to the tractor with M14 bolts, nuts and spring washers.

Tightening torque	M14	123.6 to 147.0 N·m 12,6 to 15,0 kgf·m 91.1 to 108.5 lbf·ft
-------------------	-----	--



- (1) 6-M14 × 35 bolt, spring washer, nut
- (2) Front hanger bracket assembly
- (3) Tractor frame
- (4) Muffler cover

2. Rear hanger bracket

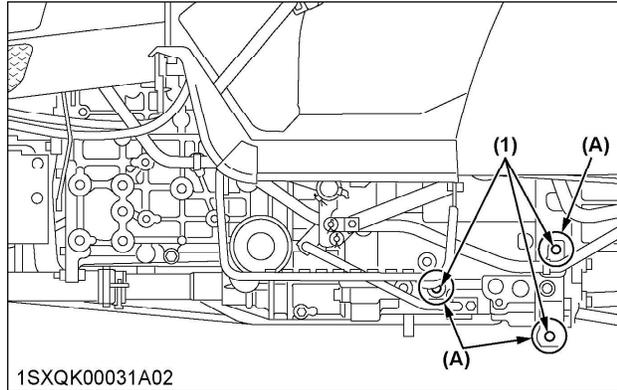
IMPORTANT :

- Before mounting the stud bolts, be sure to remove the paint at the M12 × 1.25 hole and apply Loctite 271 adhesive or equivalent.
- In order to install the rear hanger bracket in the next step, be sure to remove the paint on the bracket mounting surfaces of the transmission.
- When removing the paint, use a cleaner, not a grinder. Grinding will damage the flatness of the mounting surface and may reduce the tightening torque of the bracket.

1. Install the M12 stud bolts to both sides of the tractor. The round head side of the stud bolt must face outside. Tighten the thread to the end.

Tightening torque	M12	29.4 to 49 N·m 3.00 to 5.00 kgf·m 21.7 to 36.1 lbf·ft
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LH

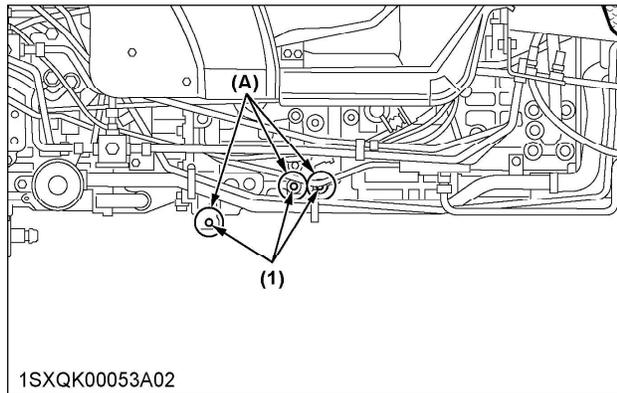


1SXQK00031A02

(1) Stud bolt

(A) Remove paint from the hole and surface

RH



1SXQK00053A02

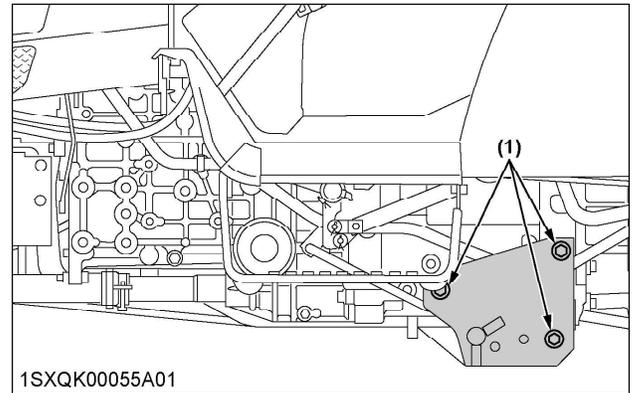
(1) Stud bolt

(A) Remove paint from the hole and surface

2. Attach the rear hanger brackets to the tractor with M12 nuts and plain washers. Use lock nuts.

Tightening torque	M12	62.8 to 72.6 N·m 6.4 to 7.4 kgf·m 46.3 to 53.5 lbf·ft
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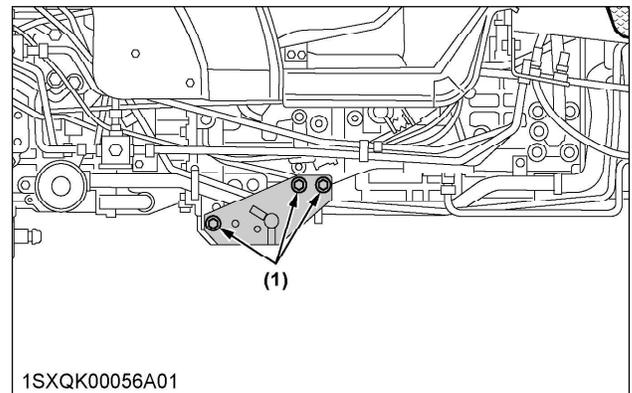
LH



1SXQK00055A01

(1) Nut, plain washer

RH



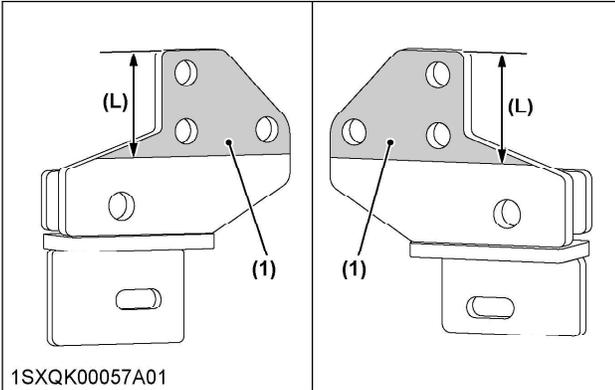
1SXQK00056A01

(1) Nut, plain washer

3. Mid hanger bracket

IMPORTANT :

- Assemble the links in the following order. Otherwise you cannot assemble some parts.
- Before installing the mid hanger brackets, remove anti-rust compound completely. See the figure. Any anti-rust remaining may lead to the bolts loosening.



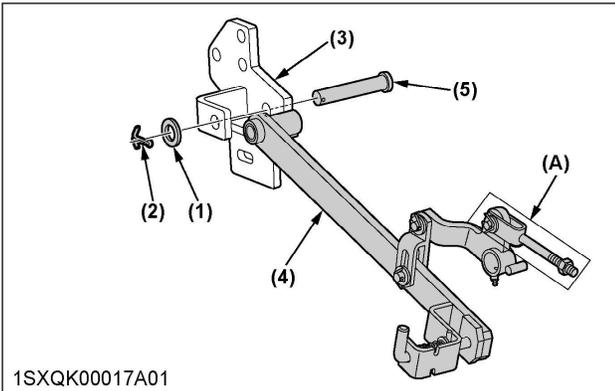
1SXQK00057A01

(1) Removal area (front and back surfaces)

(L) 73 to 74 mm

1. Attach the rear link LH to the mid hanger brackets. The assembly directions are as follows.

LH



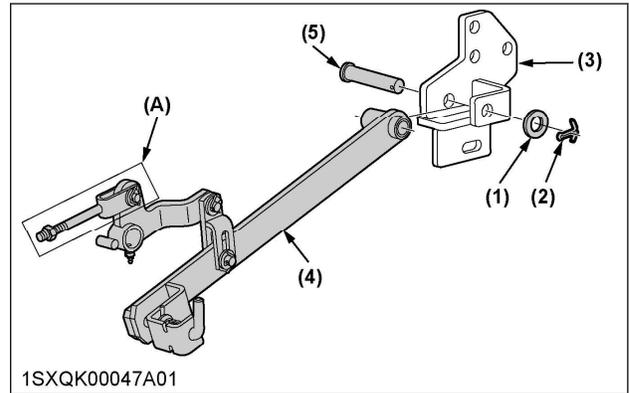
1SXQK00017A01

- (1) Washer (I.D. 20 mm)
- (2) Split pin (50 mm)
- (3) Mid hanger bracket
- (4) Rear link
- (5) Joint pin

(A) Upper side

2. Attach the rear link RH to the mid hanger brackets.

RH



1SXQK00047A01

- (1) Washer (I.D. 20 mm)
- (2) Split pin (50 mm)
- (3) Mid hanger bracket
- (4) Rear link
- (5) Joint pin

(A) Upper side

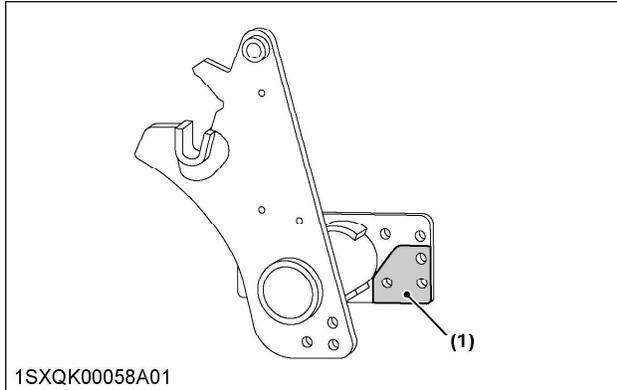
IMPORTANT :

- Before installing the mid hanger brackets, be sure to remove the paint at the M16 × 1.5 hole.
- Before tightening bolts of step 4, attach the rear link assembly to the rear hanger bracket.

3. Perform the following step depending on with or without loader frame.

Tractor with loader frame

- a. Remove the bolts at the following paint removal area.
- b. Use a cleaner to remove the paint on the bracket mounting surface of the loader frame. See the attached templates at TEMPLATE OF LOADER FRAME on page 35.



(1) Paint removal area (LH and RH)

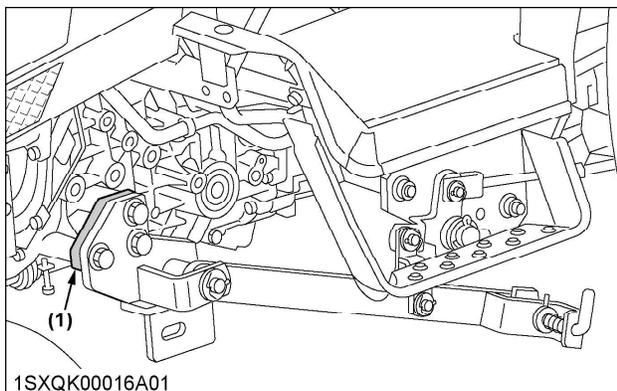
IMPORTANT :

- Do not use the removed bolts from loader frames again. The removed bolt length is not enough to hold the mid hanger brackets and loader frames rigidly. Use correct length bolts.
- When removing the paint, do not use a grinder. Grinding will damage the flatness of the mounting surface and may reduce the tightening torque of the frame.

Tractor without loader frame

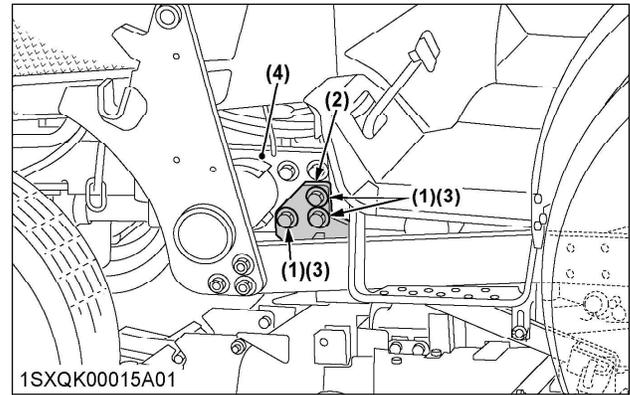
- a. Insert the spacer parts between the mid hanger bracket and tractor body.

Without loader frame



(1) Spacer (LH and RH)

With loader frame

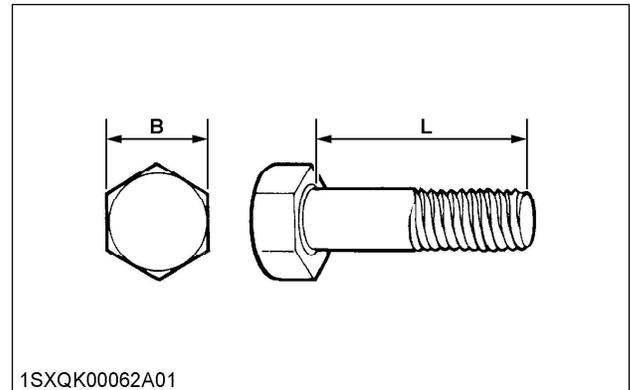


- (1) 6-M16 × 70 bolt
- (2) 2-Mid hanger bracket assembly (LH and RH)
- (3) 6-Plain washer
- (4) Loader frame

NOTE :

- M16 bolts for the loader frames are as follows.

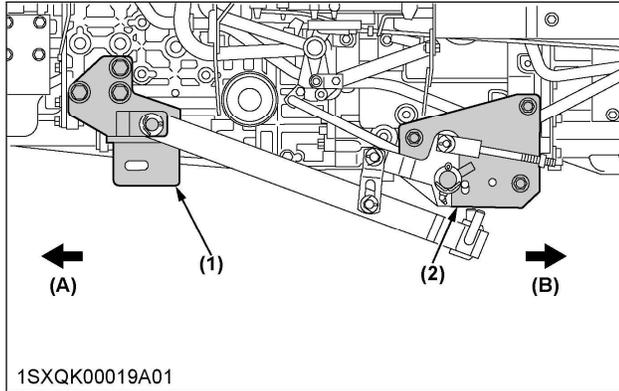
	B	L
Attached bolt	22 mm	70 mm
Removed bolt	24 mm	60 mm



4. Attach the mid hanger brackets to the tractor with M16 bolts, plain washers and nuts.

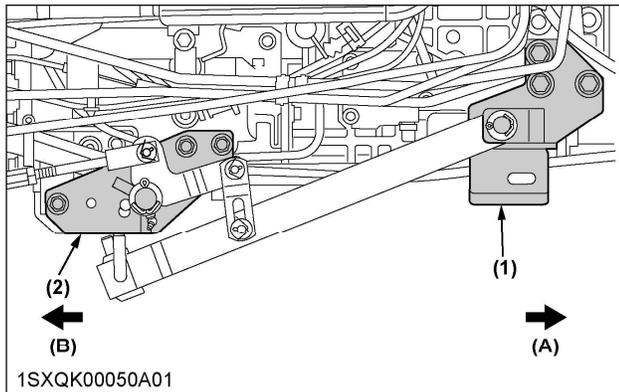
Tightening torque	M16	176 to 200 N·m 17.9 to 20.4 kgf·m 130 to 147 lbf·ft
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LH



- (1) Mid hanger bracket assembly (A) Front
(B) Rear
(2) Rear hanger bracket

RH



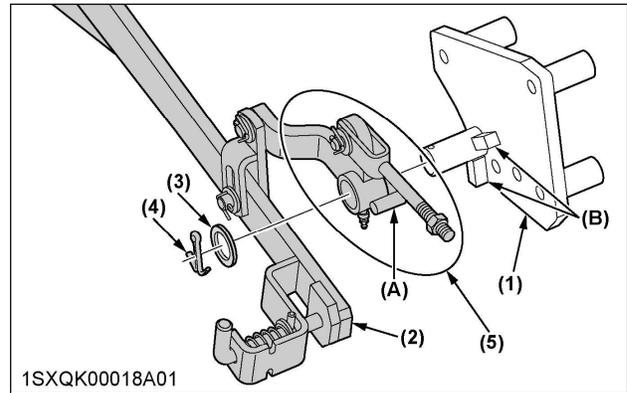
- (1) Mid hanger bracket assembly (A) Front
(B) Rear
(2) Rear hanger bracket

5. Attach the lift cylinder to the connecting rod. For the lift cylinder, refer to the Instruction Manual of the 6F172-99600 lift cylinder kit.
6. Attach the rear link assembly parts to the rear hanger bracket.

IMPORTANT :

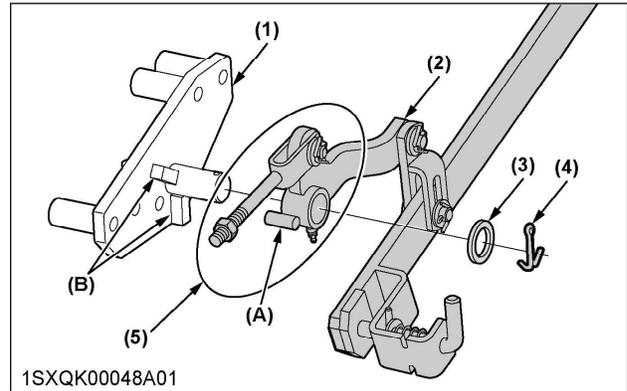
- Because each part has a left and right direction, be careful in attaching the hanger brackets.
- For the pivot parts of the links, attach split pins so that they are outside.
- When assembling the rear link assembly, set the link position bar between the link stoppers.

LH



- (1) Rear hanger bracket (A) Link position bar
(2) Rear link assembly (B) Link stopper
(3) Washer (I.D. 28 mm)
(4) Split pin (58 mm)
(5) Connecting rod

RH



- (1) Rear hanger bracket (A) Link position bar
(2) Rear link assembly (B) Link stopper
(3) Washer (I.D. 28 mm)
(4) Split pin (58 mm)
(5) Connecting rod

MOUNTING THE MOWER TO THE TRACTOR

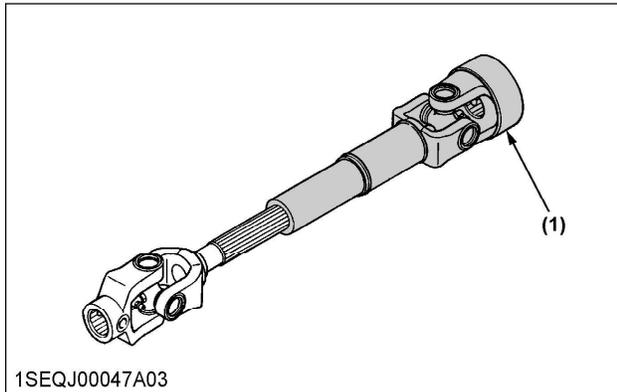
⚠ WARNING

To avoid serious injury or death:

- Before starting the engine, make sure that all levers are in their "NEUTRAL" positions, that the handbrake is engaged, and that the clutch of the power take-off (PTO) is disengaged (OFF).

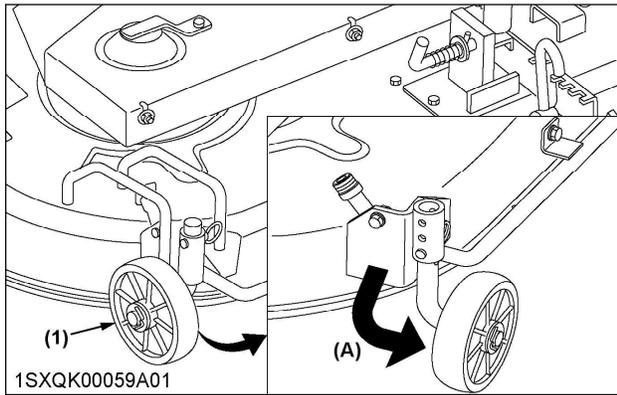
1. Start the engine.
2. Move the hydraulic (position) control lever rearward to raise the rear link to the "HIGHEST" position.
3. Stop the engine and remove the key.

4. Draw out the rear universal joint.



(1) Rear universal joint

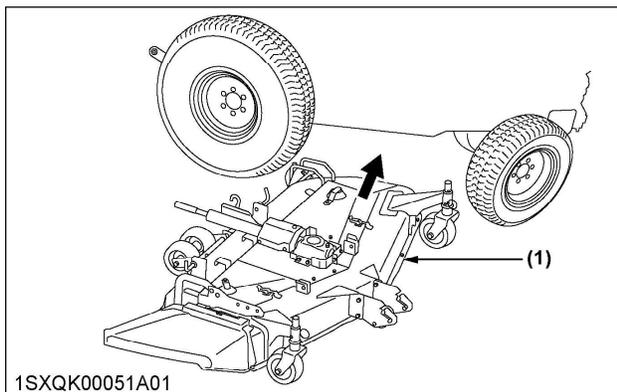
5. To place the mower under the tractor, turn the anti-scalp wheel by 90 degrees and set it at the "LOWEST" position.



(1) Anti-scalp wheel

(A) 90 degrees

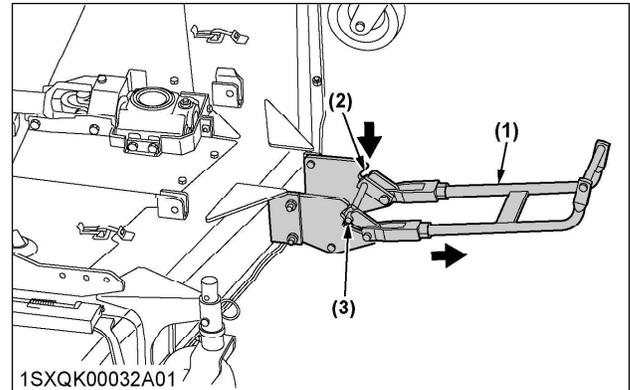
6. Turn the steering wheel fully left. Slide the mower deck from the right side of the tractor. Be careful not to contact the mower deck with the tractor.



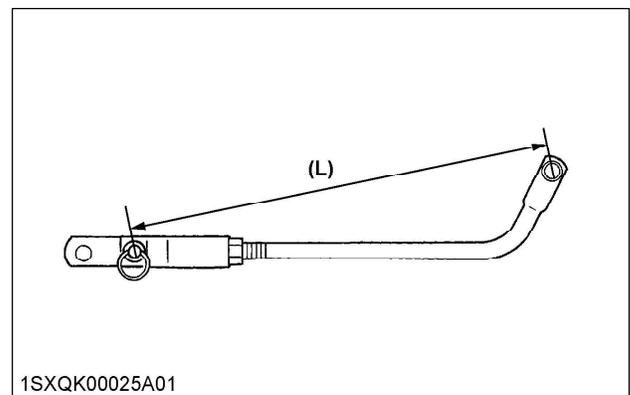
(1) Mower

7. Return the steering wheel to the straight forward position. Place the mower perpendicular to the tractor. Return the anti-scalp wheel.

8. Hook the front link in the front bracket groove. Lock the link in the groove with the stopper.



(1) Front link
(2) Front bracket groove
(3) Stopper



(L) 488 mm

NOTE :

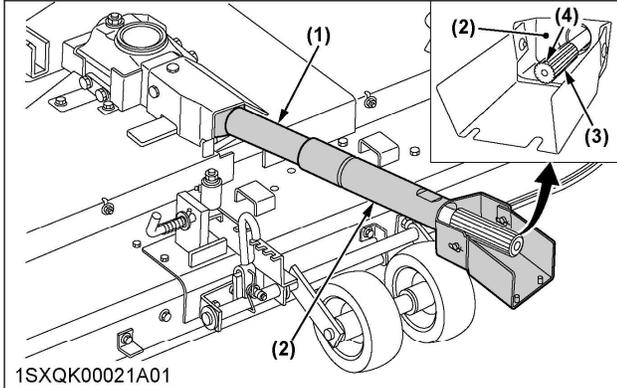
- Be sure to fit the stopper in the groove properly.
- Make sure the length (L) of the front link is 488 mm.

MOUNTING THE MOWER TO THE TRACTOR

9. Insert the front universal joint cover into the rear universal joint cover with the stay.

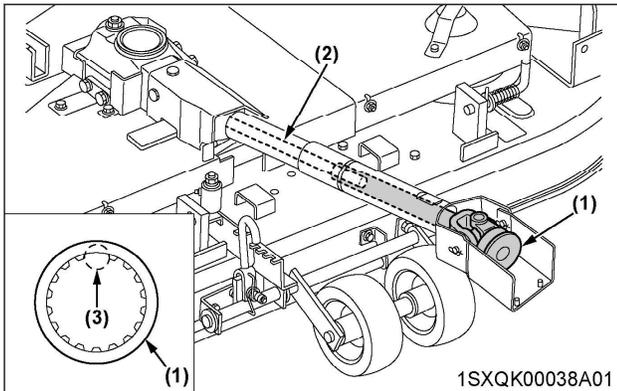
NOTE :

- Install the following parts from the rear side of the tractor.



- 1SXQK00021A01
- (1) Front universal joint cover
 (2) Rear universal joint cover
 (3) Front universal joint
 (4) Weld point

10. Check to see if the lack of the rear universal joint spline is at the "TOPMOST" position and insert the front universal joint into the rear universal joint.

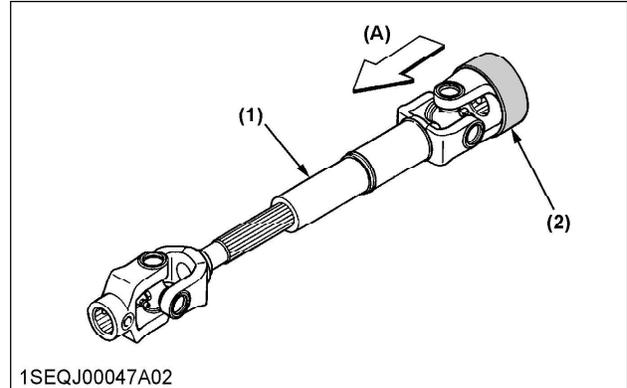


- 1SXQK00038A01
- (1) Rear universal joint
 (2) Front universal joint
 (3) Indent

IMPORTANT :

- Before connecting the universal joint, make sure that there is no material caught in the spline gaps.

11. Install the universal joint from the rear side of the tractor.
 Pull back the coupler of the universal joint.
 Push the universal joint onto the PTO shaft until the coupler locks.
 Slide the universal joint back and forth until the universal joint is locked securely.

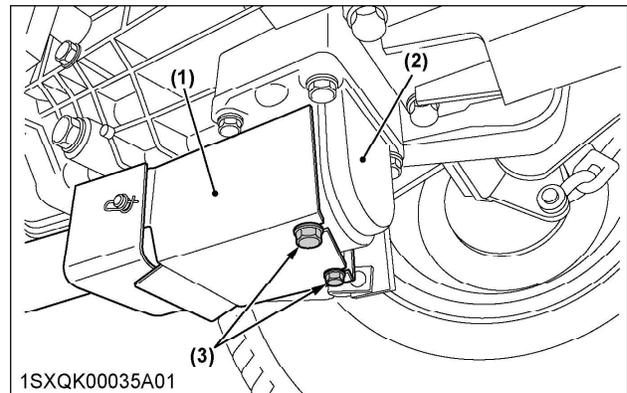


- 1SEQJ00047A02
- (1) Universal joint
 (2) Coupler
 (A) "TUG"

12. Use 2 bolts under the universal joint cover rear stay to install the stay to the mid-PTO case as shown in the figure.

IMPORTANT :

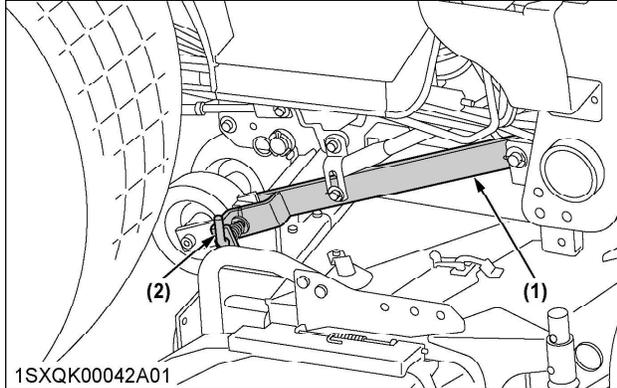
- Finally, tug on the universal joint to make sure it is locked on the PTO shaft.



- 1SXQK00035A01
- (1) Universal joint cover rear stay
 (2) Mid-PTO case
 (3) 2-M8 flange bolt

13. Attaching the mower to the rear links.

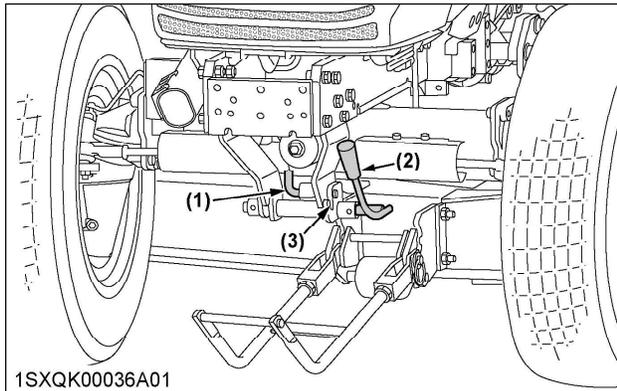
- a. Move the hydraulic (position) control lever forward to lower the mower rear links. (Refer to "AUXILIARY HYDRAULICS" in "HYDRAULIC UNIT" section in tractor Operator's Manual.)
- b. Attach the rear link to the mower with the L pins.



- (1) Rear link (right)
- (2) L pin

14. Mounting the front link.

- a. Pull the front L pin and lock it. Then lower the front lever.

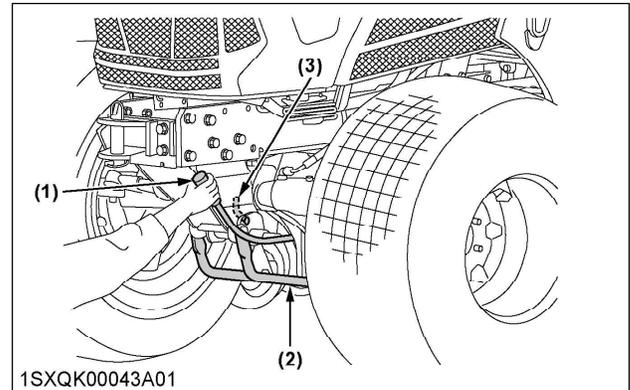


- (1) L pin
- (2) Front lever
- (3) Lever fulcrum groove

- b. Hook the front link to the lever fulcrum groove, and lift the front lever.
- c. Release the L pin to lock the front lever.

IMPORTANT :

- Check that the front lever is locked securely with the L pin.



- (1) Front lever
- (2) Front link
- (3) L pin

ADJUSTMENTS OF THE MOWER

⚠ WARNING

To avoid serious injury or death:

- Park the tractor on a firm, flat, and level surface and set the handbrake.
- Stop the engine, remove the key and allow the blades to stop before adjustment of the mower.
- Before starting the engine, make sure that all levers are in their "NEUTRAL" positions, that the handbrake is engaged, and that the clutch of the power take-off (PTO) is disengaged (OFF).

ADJUSTING THE STOPPER CLEARANCE

NOTE :

- Make sure that the lift cylinder kit (6F172-96100) has been installed.
- Refer to "AUXILIARY HYDRAULICS" in "HYDRAULIC UNIT" section in tractor Operator's Manual.

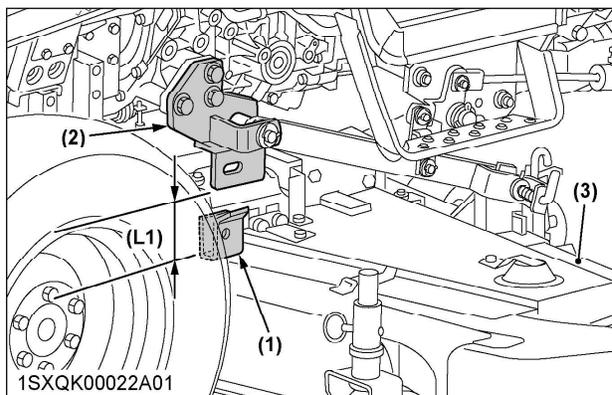
IMPORTANT :

- Proper adjustment of the length is very important to avoid damage to the mower lifting system.

1. Park the tractor on a firm, flat, and level surface.
2. Move the hydraulic (position) control valve lever rearward to raise the mower rear link to the "HIGHEST" position.
3. Stop the engine and remove the key.
4. Set the height of the mower gauge wheels and lower the mower to the ground.
5. If the front wheels are not on the ground, remove the front link from the mower to adjust the length of the front link.
(See Adjusting the front link length on page 22.)
6. Attach the front link to the mower. If the front wheels still do not touch the ground, repeat step 5.
7. Start the engine.
8. Move the hydraulic (position) control valve lever rearward to raise the mower rear link to the "HIGHEST" position.
9. Stop the engine and remove the key.
10. Adjust the connecting rod length and the front link length until the clearances are as follows, (L1) and (L2).
(See Adjusting the front link length on page 22.)

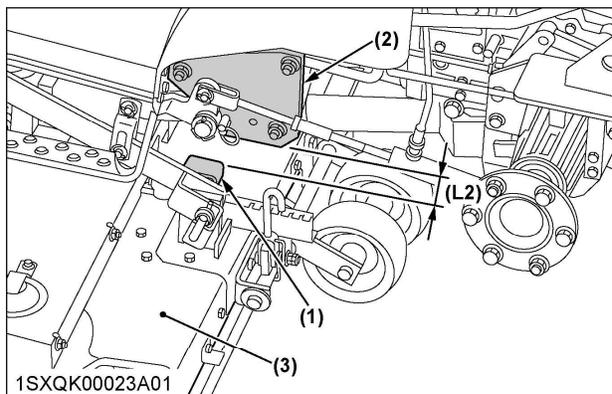
If not, lower the mower to the ground to adjust the length of the front link.
(See Adjusting the front link length on page 22.)

Front stopper



- (1) Front stopper
(2) Mid hanger bracket
(3) Mower deck
(L1) 2 to 6 mm

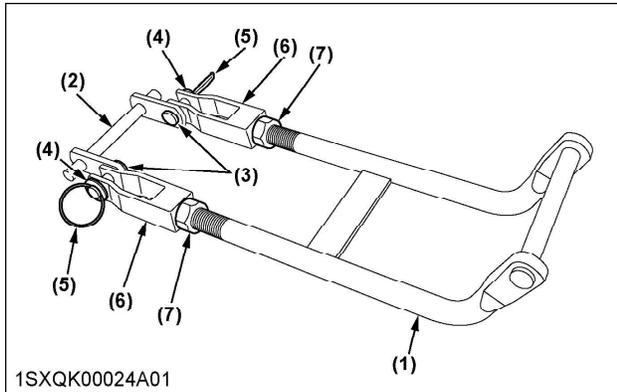
Rear stopper



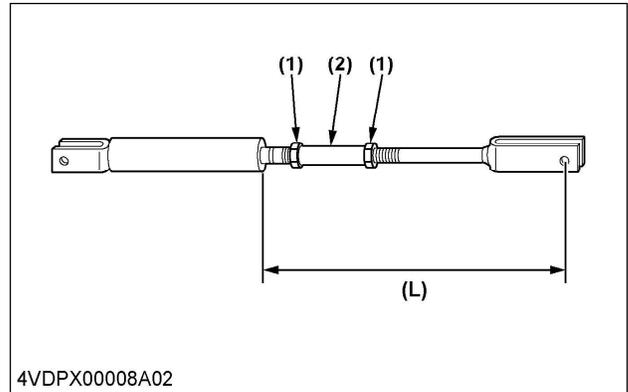
- (1) Rear stopper
(2) Rear hanger bracket
(3) Mower deck
(L2) 2 to 6 mm

1. Adjusting the front link length

1. Remove the snap rings, clevis pins and plain washers and remove the stopper.
2. Loosen the nuts and turn the clevises to adjust the length of the front link.
3. After adjusting, tighten the nuts.
Assemble the front link and removed parts as they were.
4. Repeat step 1 through 3 until the clearance (L1) is within 2 to 6 mm.



- (1) Front link
- (2) Stopper
- (3) Clevis pin
- (4) Plain washer
- (5) Snap ring
- (6) Clevis
- (7) Nut



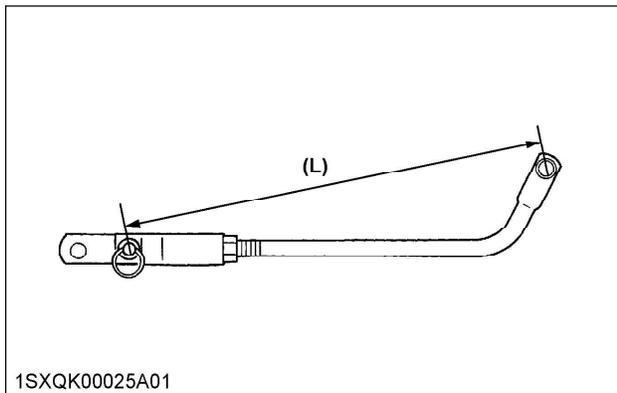
- (1) Lock nut
- (2) Turnbuckle

3. Tighten the lock nuts.

NOTE :

- The reference front link length is as follows.

Length of front link (L)	488 mm
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2. Adjusting the connecting rod (LH and RH)

1. Loosen the lock nuts.
2. Turn the turnbuckle and adjust the length below.

Length of connecting rod (L)	250 mm
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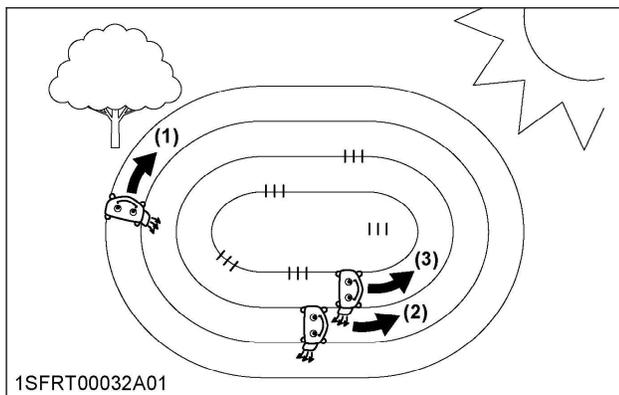
OPERATION OF THE MOWER

MOWING TIPS

1. When using your mower for the first time, choose a smooth level area, and cut in straight and slightly overlapping strips.
2. The size and type of the area to be mowed will determine the proper mowing pattern. Take into account obstructions, such as trees, fences and buildings.

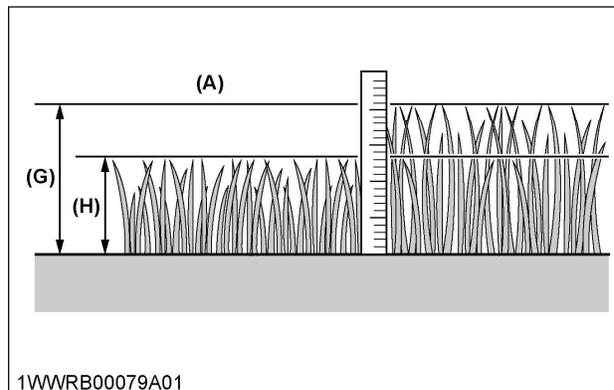
To keep grass clippings off fences, sidewalks, and so on, it is advisable to go over the outside of the area to be mowed several times in a clockwise direction.

To mow the area remaining, work in an anti-clockwise direction so the clippings are dispersed onto the previously cut area.



3. Always keep the left side of the mower toward trees, posts or other obstacles on the first trip around the obstacle.
4. Most lawns should be mowed to keep the grass approximately 50 to 80 mm high. Best results are obtained by cutting often and not too short. To keep a green lawn, never mow more than one third of the height of the grass or a maximum of 25 mm in one mowing.

For extremely tall grass, set the cutting height at maximum for the first mowing, then reset to the desired height and mow again. Allow the grass to grow to 80 mm, then cut off only the top growth.



- (A) $H/G > 2/3$
 (G) Before mowing
 (H) Best cut grass height: 50 to 80 mm

5. On thick or springy grass or soft ground, the mower rollers may sink into the ground, resulting in the cut being too low. Adjust the cutting height to get the desired height of cut.
6. For best appearance, mow the grass when it is dry. (For example, in the afternoon or evening)

ADJUSTING THE CUTTING HEIGHT



DANGER

To avoid serious injury or death:

- Do not operate the mower without lowering it to the ground.

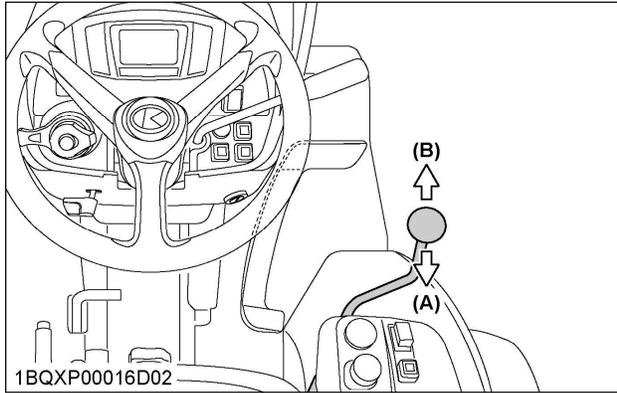
NOTE :

- Refer to "AUXILIARY HYDRAULICS" in "HYDRAULIC UNIT" section in tractor Operator's Manual.

IMPORTANT :

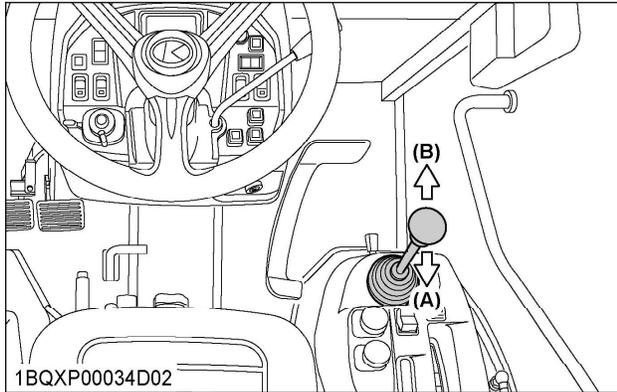
- Lift up and lower the mower deck as follows.

ROPS model



(A) "LIFT UP"
(B) "DOWN"

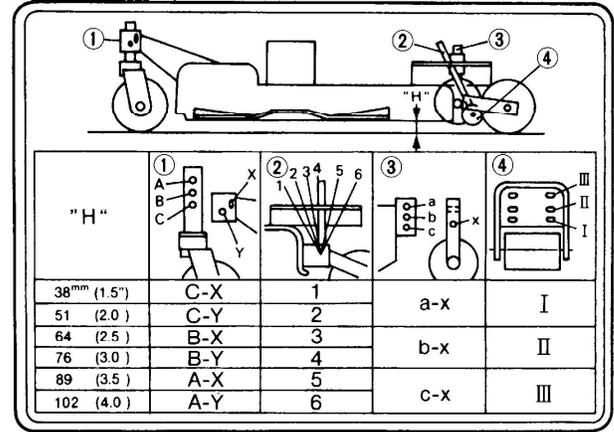
CAB model



(A) "LIFT UP"
(B) "DOWN"

The cutting height can be adjusted from 38 mm to 102 mm. The recommended cutting height is approximately 50 mm.

1. To set the cutting height, move the hydraulic control lever rearward to raise the mower to the "HIGHEST" position.
2. Lock the hydraulic control lever not to drop off the deck. (Refer to "Valve lock" in "HYDRAULIC UNIT" section in tractor Operator's Manual.)
3. Adjust both of the front gauge wheels, rear gauge wheels, anti-scalp roller, and wheel as shown in the figure.



1SXQK00040A01

- (1) Front gauge wheel
- (2) Rear gauge wheel
- (3) Anti-scalp wheel
- (4) Anti-scalp roller (Not attached to this mower)

4. Unlock the hydraulic control lever and lower the mower deck by moving the hydraulic control lever forward. This lowers the mower deck from the transport position to the operating position.
5. Use higher settings for mowing in rough areas or tall grass areas. Lower settings should be used only for smooth lawns, where short grass is desired.

OPERATING THE MOWER

! DANGER

To avoid serious injury or death:

- Do not operate the mower without the discharge deflector properly in place.

! WARNING

To avoid serious injury or death:

- Hillside operation is dangerous and is not recommended. If it is necessary to mow on a hillside, use extreme caution. Never mow across the face of a slope. Do not operate with the loader.
- Before starting the engine, make sure that all levers are in their "NEUTRAL" positions, that the handbrake is engaged, and that the clutch of the power take-off (PTO) is disengaged (OFF).
- Remove foreign objects, such as rocks, cans, bottles, and so on, from the area to be mowed.
- Do not direct the opening of the discharge deflector towards bystanders or animals. Thrown objects may cause injury. Plan your mowing carefully before starting operations.
- Keep bystanders and animals away from the mowing area.

- When not using the mower, shift the PTO lever to “NEUTRAL” position.

IMPORTANT :

- When operating the loader in rough terrain, remove the mower to avoid damage to the mower.
 - To prevent the engine from overheating, keep the radiator and radiator net clean.
1. Keep the engine running at full throttle for best results.
Control the ground speed by using the speed control pedal of the tractor.
 2. During heavy duty use, operate the tractor at a slower ground speed or go over the area twice.
 3. Keep the mower deck in the fully raised position when the mower is not being used.
 4. The mower will not cut cleanly if the ground speed is too high or if the blade speed drops due to an overload, or if the blades are dull.

USING A 3-POINT HITCH ATTACHMENT OR FRONT LOADER

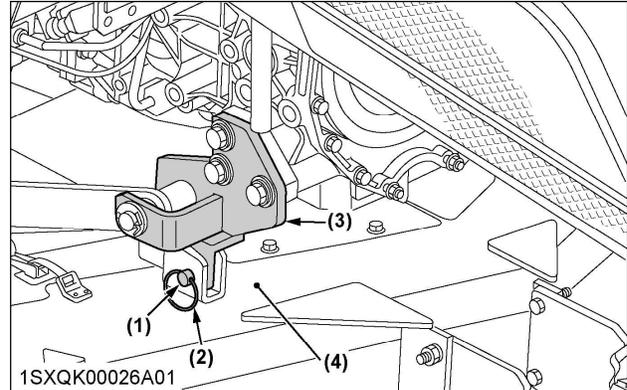
**WARNING**

To avoid serious injury or death:

- When not using the mower, shift the PTO lever to “NEUTRAL” or “OFF” position.

To use a 3-point hitch mounted attachment or the front loader when the mower is attached, follow the following procedure.

1. Park the tractor on a firm, flat, and level surface, set the parking brake, lower the mower to the “LOWEST” position, stop the engine, and remove the key.
2. Start the engine and move the hydraulic control lever rearward to raise the mower to the “HIGHEST” position. (Refer to “AUXILIARY HYDRAULICS” in “HYDRAULIC UNIT” section in tractor Operator’s Manual.)
3. Lock the hydraulic control lever not to drop off the mower deck. (Refer to “Valve lock” in “HYDRAULIC UNIT” section in tractor Operator’s Manual.)
4. Stop the engine and remove the key.
5. Insert the clevis pins in the holes of the mid hanger bracket, then attach the snap pin.



- (1) Clevis pin ($\phi 12 \times 45$)
- (2) Snap ring
- (3) Mid hanger bracket
- (4) Mower deck

6. Set the front gauge wheels and the rear gauge wheels in the “LOWEST” cutting position to get the maximum ground clearance.
7. Unlock the hydraulic control lever.

IMPORTANT :

- Do not change the length of the mower lift rods with the mower deck lifted.

DISMOUNTING THE MOWER FROM THE TRACTOR

**WARNING**

To avoid serious injury or death:

- Park the tractor on a firm, flat and level surface, and set the handbrake.
- Stop the engine and remove the key.

NOTE :

- Refer to “AUXILIARY HYDRAULICS” in “HYDRAULIC UNIT” section in tractor Operator’s Manual.

1. Park the tractor on a firm, flat and level surface, and set the handbrake.
2. Move the hydraulic control lever rearward to raise the mower rear links to the “HIGHEST” position.
3. Lock the hydraulic control lever not to drop off the deck. (Refer to “Valve lock” in “HYDRAULIC UNIT” section in tractor Operator’s Manual.)
4. Stop the engine and remove the key.
5. Set the front gauge wheels to 38 mm position.
6. Set the adjusting lever into the forefront notch (“LOWEST” cutting height position) of the adjusting plate.

7. Set the clevis pin of the anti-scalp wheel into the "TOPMOST" hole and set the 2 bolts of the rear anti-scalp roller into the "LOWEST" holes. (See TIGHTENING TORQUE CHART on page 34.)
 8. Unlock the hydraulic control lever.
 9. Move the hydraulic control lever forward to lower the mower.
 10. Remove the rear links from the mower.
 11. Restart the engine.
 12. Move the hydraulic control lever rearward to raise the mower rear links.
 13. Turn the steering wheel fully left.
 14. Stop the engine and remove the key.
 15. Remove the universal joint cover rear stay from the mid-PTO case.
 16. Pull back the coupler of the universal joint to unlock the coupler.
- IMPORTANT :**
- Before disconnecting the coupler, move the hydraulic control lever and make sure that the hydraulic pressure is released.
17. Remove the front link, then remove the mower deck.

USING THE MOWER DECK WASHER

DANGER

To avoid serious injury or death:

- Never operate the mower when accessing the inside of the mower deck.
- Keep all people and pets at a safe distance from the work area.
- During mower deck washer operation, the operator must remain sitting on the tractor's seat.
- When cleaning the inside of the mower deck, do not put your hands below the mower deck.

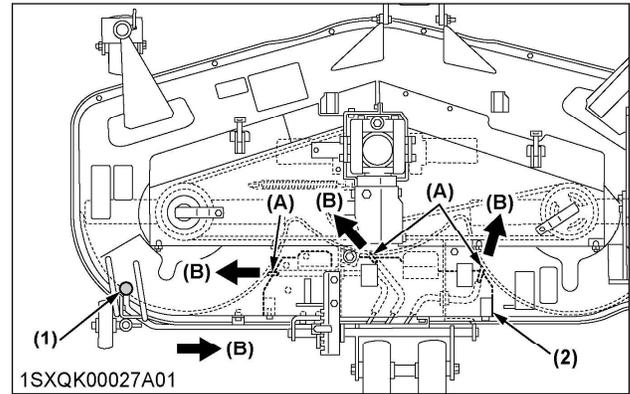
IMPORTANT :

- Do not connect a high pressure cleaner to the wash port. It could damage the mower deck washer.

To clean the mower deck, use the mower deck washer. Water flushes from 3 positions in the mower deck inside the deck. Follow the following procedure.

1. Park the tractor on a firm, flat, and level surface, set the parking brake, set the cutting height of the mower deck to 38 mm, lower the mower to the "LOWEST" position, and stop the engine.
2. Connect the hose to the wash port on the mower deck.

3. Flush water.



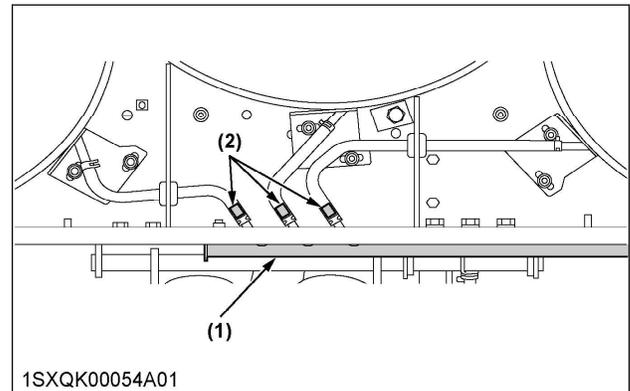
- | | |
|----------------|------------------|
| (1) Wash port | (A) Water outlet |
| (2) Hose guard | (B) Water flush |

4. Start the engine, and turn the mid-PTO on.
5. Flush for a few minutes. If you operated the mower in a dirty condition, flush for 5 minutes.
6. Turn the mid-PTO off and stop the water.

NOTE :

- We recommend to attach a hose coupler to the wash port. (Joint port: G1/2) When installing the hose coupler, be sure to attach the coupler cap in order to prevent the pipe becoming stuck.
- If you leave the mower deck for a long time after grass cutting, mud and grass cannot be removed by the mower deck washer. We recommend to use the deck washer after every mowing session in order to keep the inside of the deck clean.
- If the pipe becomes stuck, flush with water from the water outlet.
- Clean the inside of the hose guard.
- When reinstalling water hoses, check the hose direction. The yellow marker side is the water pipe side.

Mower deck bottom

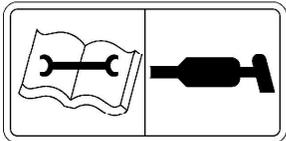


- | |
|-------------------|
| (1) Water pipe |
| (2) Yellow marker |

MAINTENANCE OF THE MOWER

MAINTENANCE CHECK LIST

⚠ WARNING
 To avoid serious injury or death:
 • Stop the engine and remove the key.

No.	Check point	Used hours (Change or check every interval)					Reference page
		Daily check	50 hrs	150 hrs	1 year	4 years	
1	Oil leakage check	•					29
2	Make sure blade bolts are tight.	•					32
3	Blade and belt wear check	•					31, 32
4	All hardware check	•					—
5	Make sure all pins are in place.	•					—
6	Mower deck cleaning (*1) • Inside of mower deck • Insides of covers	•					—
7	Greasing • Universal joint • Front gauge wheel brackets • 3 spindle shafts • Belt tension pulley • Belt tension pivot • Anti-scalp roller • Mower link pivots • Front and rear gauge wheels		•				29
	 This label affixed to the mower deck indicates greasing the above parts. 1SXQK00044A01						
8	Gear box oil check	•					29
9	Gear box oil change		◎*2	•			29
10	Gear box oil seal check				•*3		—
11	Gear box oil seal replace					•*4	—

IMPORTANT :
 • The jobs indicated by ◎ must be done the first time at 50 hrs.

*1 Make sure to perform maintenance after mowing.
 *2 The initial 50 hours should not be a replacement cycle.
 *3 Replace if any deterioration (crack, hardening, scar, or deformation) or damage has occurred.
 *4 Consult your KUBOTA Dealer.

CHECK AND MAINTENANCE

WARNING

To avoid serious injury or death:

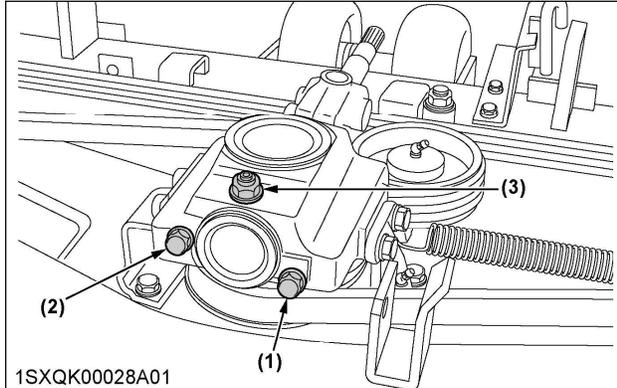
- Stop the engine, set the handbrake and remove the key.

1. Checking and changing the gear box oil

- To check the oil level, remove the check plug bolt.
 - Place mower on level surface.
Remove the check plug bolt. Oil should be visible through the opening.
If the oil level is too low, add oil. If the oil level is too high, drain oil using the check plug bolt.
(Use SAE 90 API GL5 gear oil.)
- To change gear oil, remove the drain plug and drain oil.
- Refill the gear box.
 - 0.4 L

IMPORTANT :

- Use SAE 90 (API GL5) gear oil in all seasons.
- Change oil in the gear box after the first 50 hours and every 150 hours thereafter.



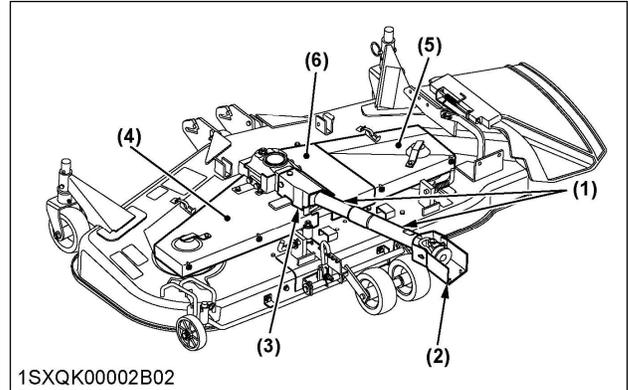
- (1) Drain plug (bolt)
- (2) Check plug (bolt)
- (3) Oil filler plug

2. Cleaning the mower deck

- Remove the shields and stays as shown in the figure. Then clean the insides of them.

IMPORTANT :

- After cleaning, make sure to place the shields and stays back in place.
- When cleaning the inside of the mower deck, you can use the wash port. (See USING THE MOWER DECK WASHER on page 27.)

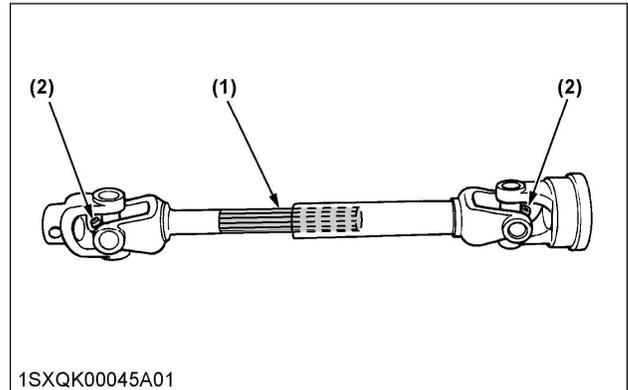


- (1) Universal joint cover
- (2) Universal joint cover rear stay
- (3) Universal joint cover stay
- (4) Left shield
- (5) Right shield
- (6) Centre cover

3. Greasing

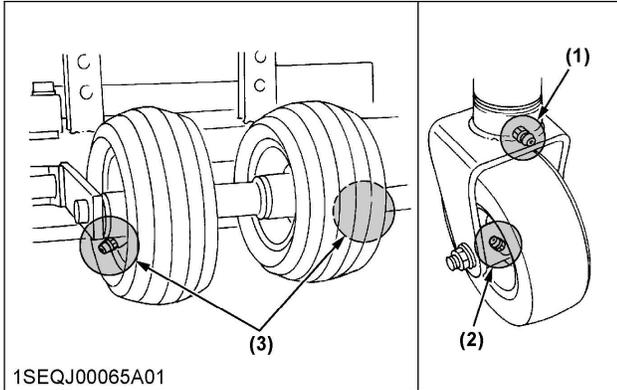
Use multipurpose EP2 grease (NLGI grade No.2).

- Remove the universal joint covers and apply grease to the universal joint.



- (1) Spline
- (2) Grease fitting (Universal joint)

- Apply grease to the front gauge wheel brackets. Front and rear gauge wheels.

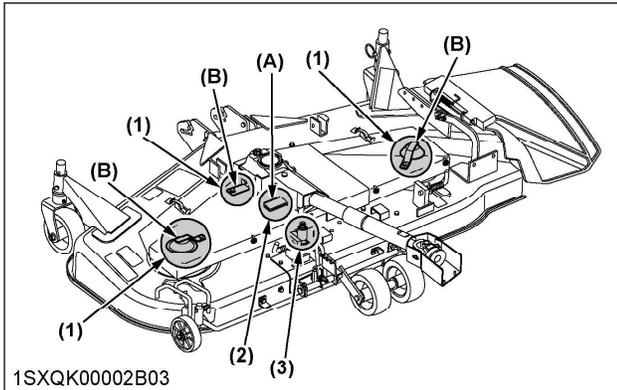


- (1) Front gauge wheel bracket
- (2) Grease fitting (Front gauge wheels)
- (3) Grease fitting (Rear gauge wheels)

3. Apply grease to the spindle shafts, belt tension pivot and tension pulley.

NOTE :

- For spindle shafts, remove the grease up plates and apply grease.
- For the belt tension pulley, remove the universal joint cover stay and apply grease.
- For the belt tension pivot, apply grease without removing the plate, stay, and cover.

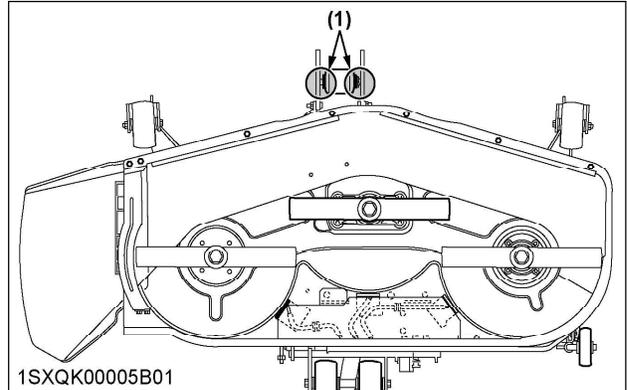


- (1) Grease fitting (Spindle shaft) (A) Universal joint cover stay
- (2) Grease fitting (Belt tension pulley) (B) Grease up plate
- (3) Grease fitting (Belt tension pivot)

IMPORTANT :

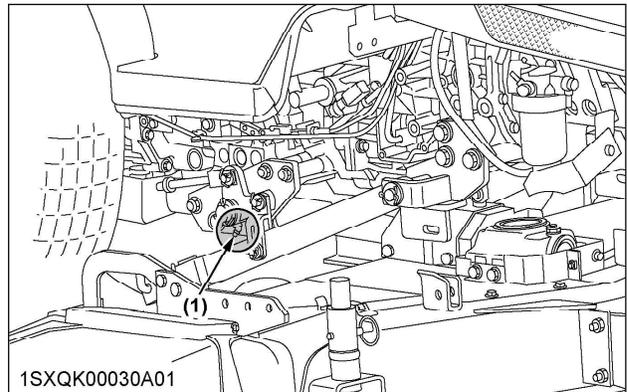
- After removing the grease up plates, be sure to fit the plates back in place.

4. Apply grease to the front and rear anti-scalp roller.



- (1) Roller pin

5. Apply grease to the lift arms.

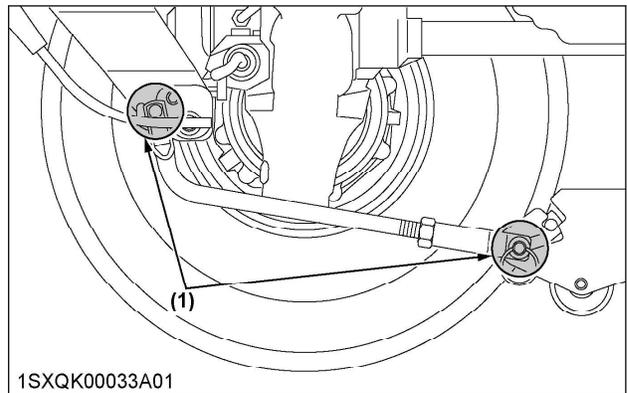


- (1) Lift arm (Grease fitting beneath)

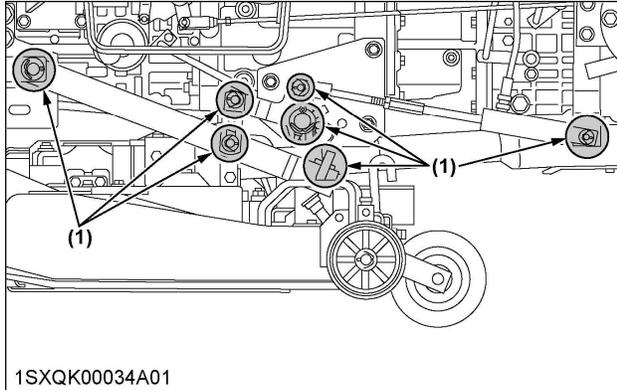
IMPORTANT :

- After checking the above items, replace any worn, damaged or missing parts.
- Dry the mower deck completely before storage, or the pulleys can become rusty and belt damage can result.

6. Mower links
Apply grease to the rotating parts.

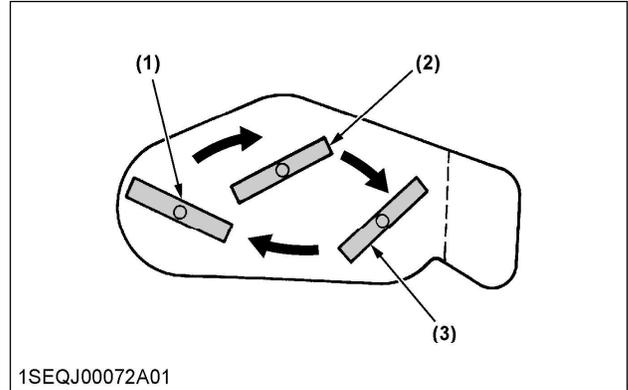


- (1) Grease fitting (Mower link)



1SXQK00034A01

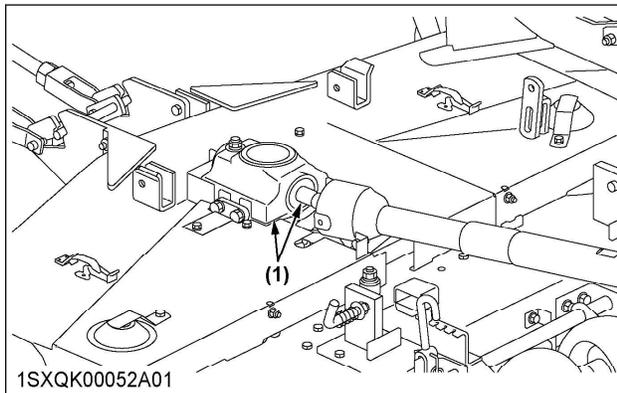
(1) Grease fitting (Mower link)



1SEQJ00072A01

(1) LH blade
(2) Centre blade
(3) RH blade

4. Checking the gear box oil seal



1SXQK00052A01

(1) Gear box oil seal

CHECKING AND REPLACING THE BLADE

WARNING

To avoid serious injury or death:

- When you handle the blades, wear heavy gloves or wrap the end of the blade with a rag.

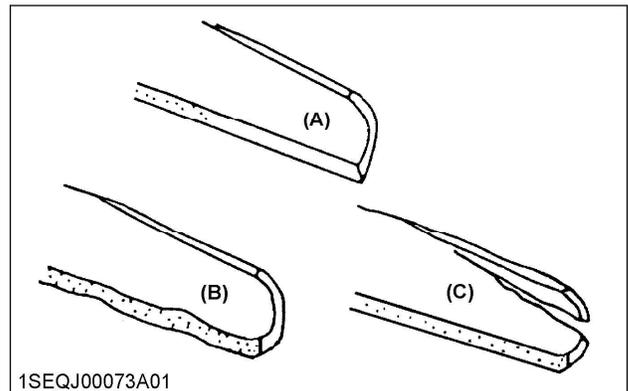
IMPORTANT :

- The blade bolts equip right-hand-threads. Turn the blade bolts anticlockwise to loosen.
- To prolong the service life of the blades, reposition them periodically.

1. Checking the blade

The blade cutting edges should be kept sharp at all times.

1. Sharpen the cutting edges if they look like the blade (B).
2. Replace the blades if they look like the blade (C).



1SEQJ00073A01

(A) New blade
(B) Worn blade
(C) Cracked blade

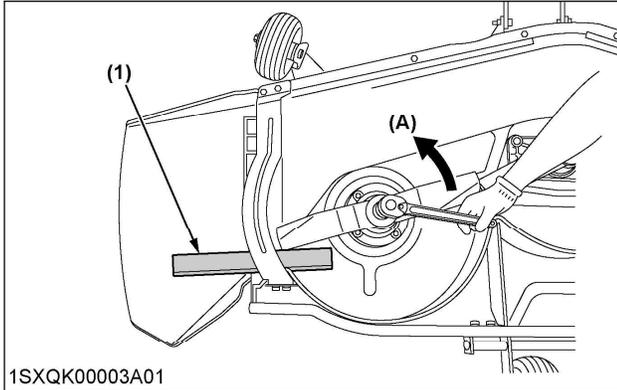
2. Replacing the blade

IMPORTANT :

- Use the proper metric size box or socket wrench to tighten or loosen the blade mounting bolt.

1. Remove the mower from the tractor.
(See DISMOUNTING THE MOWER FROM THE TRACTOR on page 26.)
2. Turn the mower over to expose the blades.

3. To prevent the spindle from rotating while removing the blade bolts, perform one of the following methods:
 - Wedge a block of wood between the blade and mower housing.
 - Use a box wrench over the pulley nut.
4. Loosen the blade bolts as follows.



1SXQK00003A01

(1) Block

(A) "LOOSEN" (anticlockwise)



WARNING

To avoid serious injury or death:

- Wear heavy gloves when removing blades.

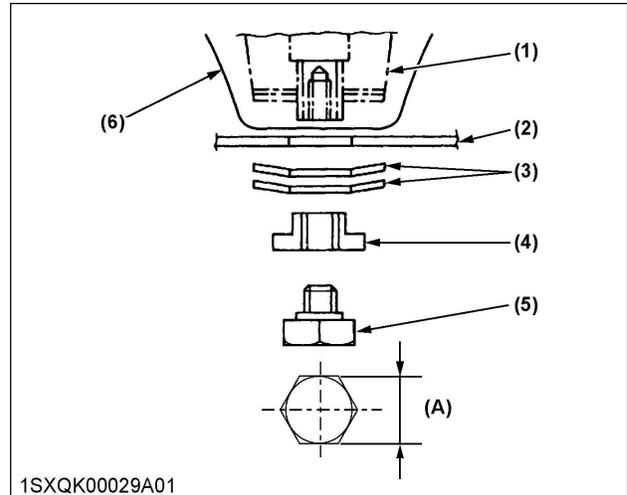
5. To sharpen the blades, clamp the blades one at a time securely in a vice. Use a large mill file and file along the original bevel until sharp.
6. To check the blade for balance, place a small rod through the centre hole. The blade should balance on this rod. If the blade is not balanced, file the heavy side of the blade until balance is achieved.
7. Pass the spline boss through the blade and the 2 cup washers, and tighten the bolt.

NOTE :

- Make sure that the cup washers are not flattened out or worn. Flattened or worn cup washers cause blade to slip excessively. Replace the 2 cup washers if either is damaged.

IMPORTANT :

- Tighten the 3 blade bolts to 98 to 102.9 N·m (10 to 12 kgf·m) of torque.
- Be careful of the direction of the cup washers.



1SXQK00029A01

- (1) Spindle holder
- (2) Blade
- (3) 2-Cup washers
- (4) Spline boss
- (5) Bolt (RH thread)
- (6) Spindle guard

(A) 30 mm

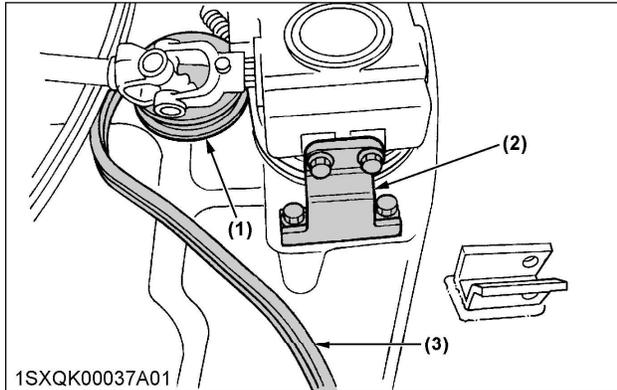
REPLACING THE BELT

1. Remove the mower from the tractor. (See DISMOUNTING THE MOWER FROM THE TRACTOR on page 26.)
2. Remove the universal joint cover stay, right and left shields and center cover from the mower deck.
3. Clean around the gear box.
4. Remove the belt from the tension pulley.
5. Remove the right hand bracket which mounts the gear box to the mower deck and slip the belt over the top of the gear box.

6. To install a new belt, reverse the previous procedure.

NOTE :

- Tighten the bracket bolts securely to 77.5 to 90.2 N·m (8.0 to 9.2 kgf·m) of torque.



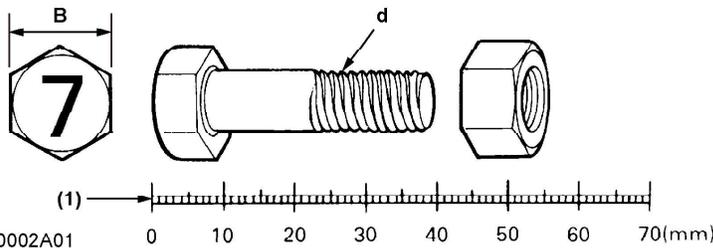
- (1) Tension pulley
- (2) Bracket (RH)
- (3) Belt

TIGHTENING TORQUE CHART

Thread size d (mm)	Hex. bolt head size B (mm)	No mark		7T	
		N·m	kgf·m	N·m	kgf·m
M8	12 or 13	17.8-20.6 (19.2 ± 1.4)	1.9-2.1 (2.0 ± 0.1)	23.5-27.5 (25.5 ± 2.0)	2.4-2.8 (2.6 ± 0.2)
M10	14 or 17	39.3-45.1 (42.2 ± 2.9)	4.0-4.6 (4.3 ± 0.3)	48.1-55.9 (52.0 ± 3.9)	4.9-5.7 (5.3 ± 0.4)
M12	17 or 19	62.8-72.6 (67.7 ± 4.9)	6.4-7.4 (6.9 ± 0.5)	77.6-90.2 (83.9 ± 6.3)	8.0-9.2 (8.6 ± 0.6)
M14	19 or 22	107.9-125.5 (116.7 ± 8.8)	11.0-12.8 (11.9 ± 0.9)	123.6-147.0 (135.3 ± 11.7)	12.6-15.0 (13.8 ± 1.2)

NOTE :

- Figure [7] on the top of the bolt indicates that the bolt is made of special material.
- Before tightening, check the figure on top of the bolt.

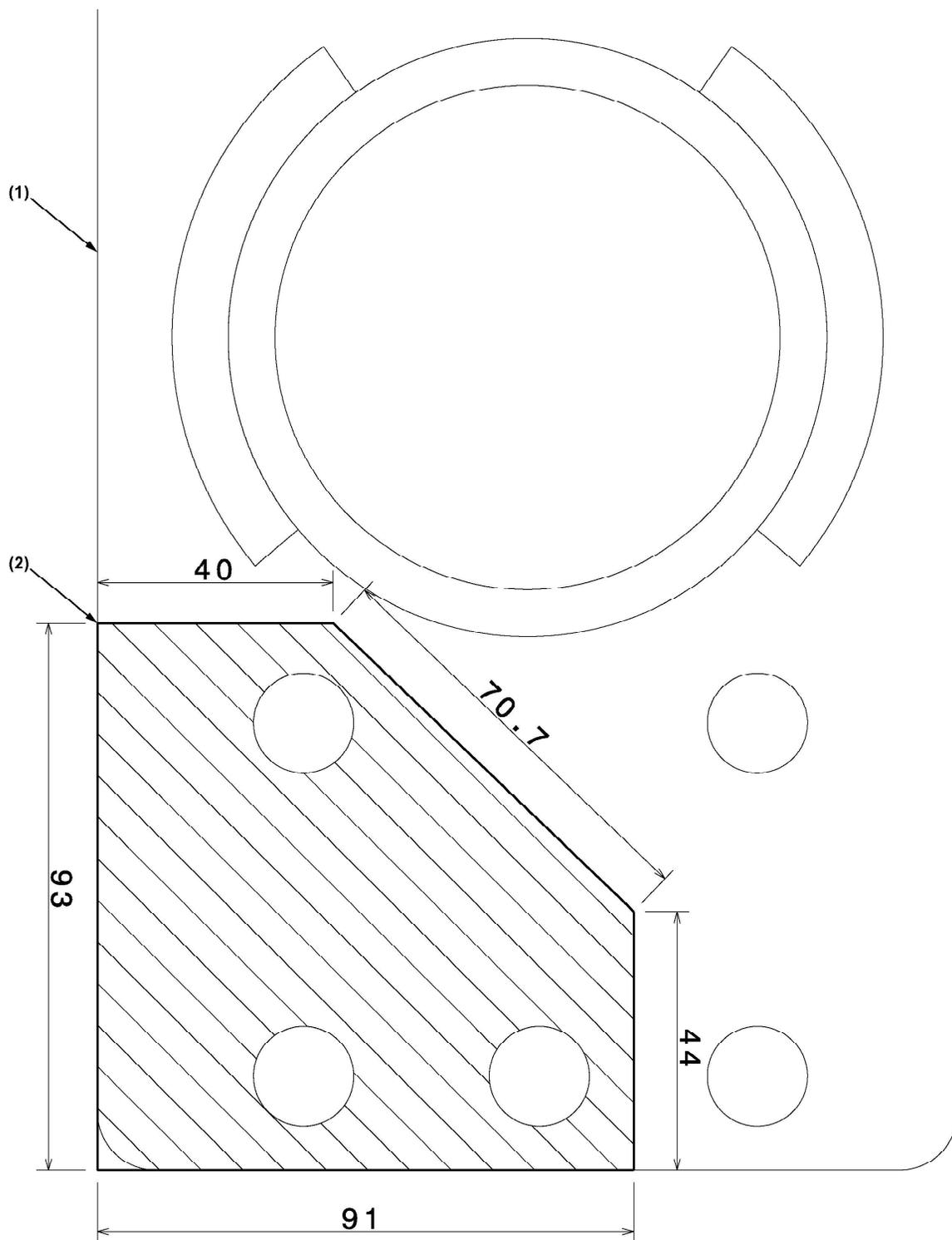


1SFRT00002A01

(1) Scale

American standard cap screws with UNC or UNF threads			Metric cap screws		
SAE grade no.	GR.5	GR.8	Property class	Class 8.8	Class 10.9
5/16			M8		
(N·m)	23.1-27.8	32.5-39.3	(N·m)	23.6-27.4	29.4-34.3
(kgf·m)	2.35-2.83	3.31-4.01	(kgf·m)	2.4-2.8	3.0-3.5
3/8	(N·m)	61.0-73.2	M10	(N·m)	60.8-70.5
(kgf·m)	47.5-57.0	6.22-7.46	(kgf·m)	48.1-55.8	6.2-7.2
1/2	(N·m)	149.2-179.0	M12	(N·m)	103-117
(kgf·m)	108.5-130.2	15.21-18.25	(kgf·m)	77.5-90.1	10.5-12.0
9/16	(N·m)	217.0-260.4	M14	(N·m)	167-196
(kgf·m)	149.2-179.0	22.13-26.55	(kgf·m)	124-147	17.0-20.0
5/8	(N·m)	298.3-358.0	M16	(N·m)	260-303
(kgf·m)	203.4-244.1	30.42-36.51	(kgf·m)	196-225	26.5-31.0
	20.74-24.89			20.0-23.0	

TEMPLATE OF LOADER FRAME

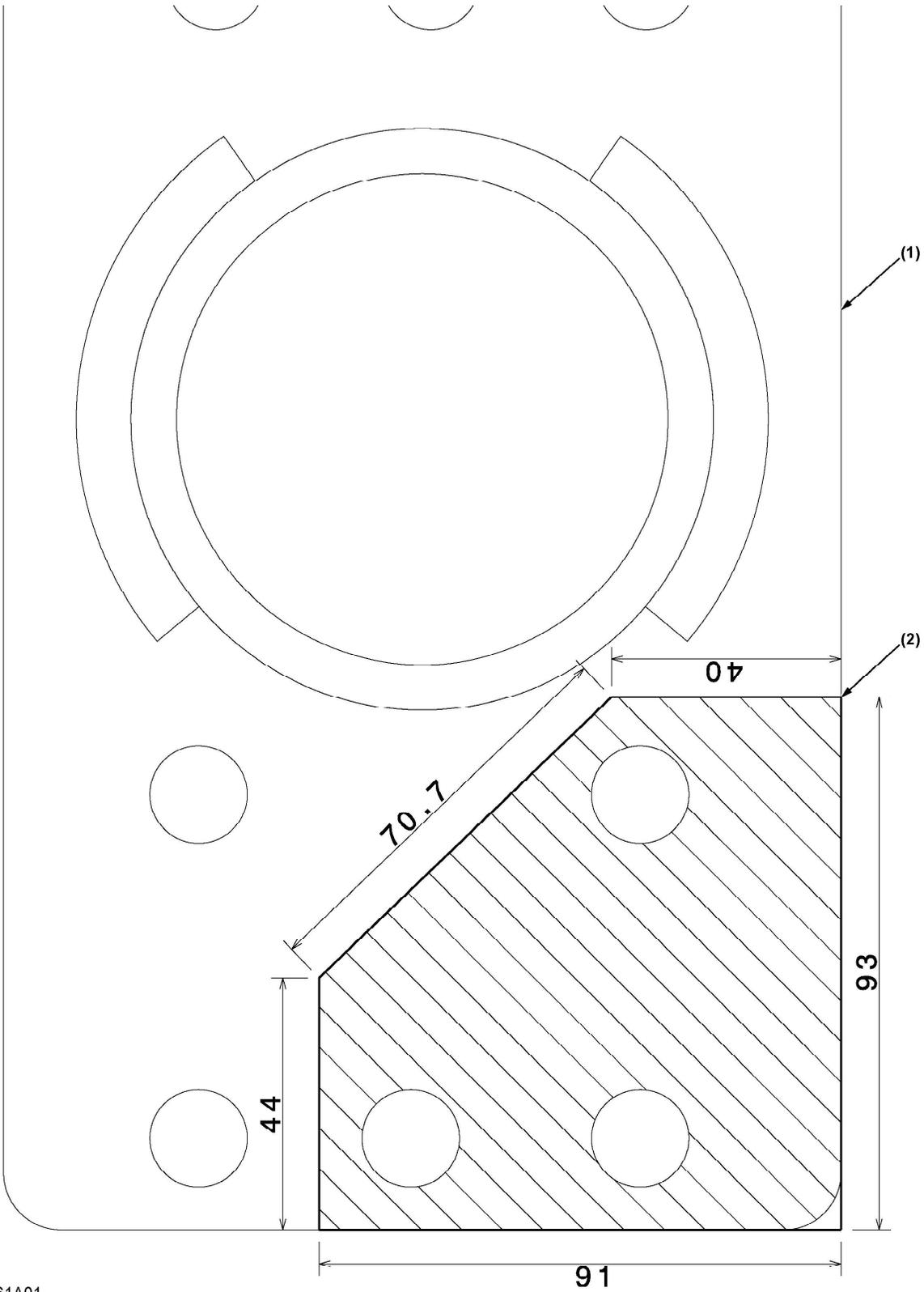


1SXQK00060A01

(1) *Template of loader frame LH*

(2) *Remove the paint from this section.*

Unit: mm



1SXQK00061A01

(1) Template of loader frame RH

(2) Remove the paint from this section.

Unit: mm

LONG-TERM STORAGE OF THE MOWER

MACHINE STORAGE

If you intend to store your machine for a period of time, follow the procedures outlined below.

1. Remove the mower deck covers.
2. Loosen the drive belt of the mower to prevent stretching.
3. Clean all pulleys and wipe with a dry cloth and oil.
4. Clean all grass and dirt from the mower deck and the inside of the universal joint cover.

NOTE :

- **Leave the drive belt slack.**
- **Clean pulleys and reinstall the drive belt just prior to the next grass cutting season.**

TROUBLESHOOTING

TROUBLESHOOTING TABLE

This Operator's Manual describes any service item for proper maintenance procedure.

Trouble	Cause	Remedy
Discharge cover plugged.	• Grass too wet.	• Wait for grass to dry.
	• Grass too long.	• Raise cutting height and cut grass twice.
	• Cutting too low.	• Raise cutting height.
	• Engine rpm too low.	• Mow at full throttle.
	• Ground speed too fast.	• Slow down.
Streaking of uncut grass.	• Ground speed too fast.	• Slow down.
	• Engine rpm too low.	• Mow at full throttle, check and reset the engine rpm.
	• Grass too long.	• Cut grass twice.
	• Blades dull or damaged.	• Replace the blades or sharpen the blades.
	• Debris in mower deck.	• Clean the mower deck.
Uneven cut.	• Mower deck not level.	• Level the mower deck.
	• Ground speed too fast.	• Slow down.
	• Blades dull.	• Sharpen the blades.
	• Blades worn.	• Replace the blades.
	• Low tyre inflation.	• Add air to correct.
	• Gauge wheels (anti-scalp rollers) not adjusted correctly.	• Adjust the gauge wheels (anti-scalp rollers).
Blades scalping grass.	• Cutting height too low.	• Raise the cutting height.
	• Turning speed too fast.	• Reduce speed on turns.
	• Ridges in terrain.	• Change the mowing pattern.
	• Rough or uneven terrain.	• Adjust the gauge wheels and the anti-scalp rollers.
	• Gauge wheels (anti-scalp rollers) not adjusted correctly.	• Adjust the gauge wheels (anti-scalp rollers).
	• Bent blade(s).	• Replace the blade(s).
Belt slipping.	• Mower deck plugged.	• Unplug and clean the mower deck.
	• Debris in pulleys.	• Clean the pulleys.
	• Worn belt.	• Replace the belt.
Excessive vibration.	• Debris on mower deck on in pulleys.	• Clean the mower deck and the pulleys.
	• Damaged drive belt.	• Replace the drive belt.
	• Damaged pulleys.	• Replace the pulleys.
	• Pulleys out of alignment.	• Consult your KUBOTA Dealer.
	• Blades out of balance.	• Balance the blades.
Mower loads down tractor.	• Engine rpm too low.	• Mow at full throttle, check and reset the engine rpm.
	• Ground speed too fast.	• Slow down.

(Continued)

TROUBLESHOOTING

Trouble	Cause	Remedy
Mower loads down tractor.	<ul style="list-style-type: none">• Debris wrapped around mower spindles.	<ul style="list-style-type: none">• Clean the mower.
Mower deck washer pipes stuck.	<ul style="list-style-type: none">• Water does not come out of the outlet.	<ul style="list-style-type: none">• Flush from water outlets.

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EU-DECLARATION OF CONFORMITY
DECLARATION UE DE CONFORMITE
EU-KONFORMITÄTSERKLÄRUNG



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Fabricant :

Hersteller :

Kubota Manufacturing of America Corporation

Address :

Adresse :

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The Technical Documentation is compiled by :

La Documentation Technique est rédigée par :

Die technische Dokumentation wurde zusammengestellt von :

Kubota Technical Center Europe
19 a 25 rue Jules Vercurysse
95101 Argenteuil
France

Generic denomination : Mid Mower
Dénomination générique : Tondeuse moyenne
Allgemeine Gerätebezeichnung : Mittelmähwerk
Function : Implement for Agricultural Tractor
Fonction : Outil pour Tracteur Agricole
Funktion : Anbaugerät für Traktor

Model :
Modèle : RCK60-40LX-EU
Modell :

Serial No. :
N° de série : 10001~99999
Serien-Nr. :

Commercial name :
Nom commercial : RCK60-40LX
Handelsbezeichnung :

This machine complies with the essential health and safety requirements relating to design and construction of machinery, according to EC directive 2006/42/EC.

Cette machine est conforme aux exigences essentielles en matière de santé et de sécurité relatives à la conception et à la construction des machines, conformément à la directive CE 2006/42/CE.

Diese Maschine entspricht den grundlegenden Gesundheits- und Sicherheitsanforderungen in Bezug auf Gestaltung und Konstruktion von Maschinen gemäß der EG-Richtlinie 2006/42/EG.

13 September 2022

Brian Arnold
President
Président
Geschäftsführer

KUBOTA Manufacturing of America Corporation
Industrial Park North, 2715 Ramsey Road, Gainesville, GA, 30501 U.S.A.

Economic operator of the product (based on the Regulation (EU)2019/1020)

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Manufacturer : **Kubota Manufacturing of America Corporation**

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13 September 2022

KUBOTA Manufacturing of America Corporation
Industrial Park North, 2715 Ramsey Road, Gainesville, GA, 30501 U.S.A.