Kubota

U.S.A. : **KUBOTA TRACTOR CORPORATION**
1000 Kubota Drive, Grapevine, TX 76051
Telephone : 888-4KUBOTA

Canada : **KUBOTA CANADA LTD.**
5900 14th Avenue, Markham, Ontario, L3S 4K4, Canada
Telephone : (905)294-7477

France : **KUBOTA EUROPE S.A.S**
19-25, Rue Jules Vercruysse, Z.I. BP88, 95101 Argenteuil Cedex, France
Telephone : (33)1-3426-3434

Italy : **KUBOTA EUROPE S.A.S Italy Branch**
Via Grandi, 29 20068 Peschiera Borrome (MI) Italy
Telephone : (39)02-51650377

Germany : **KUBOTA (DEUTSCHLAND) GmbH**
Senefelder Str. 3-5 63110 Rodgau /Nieder-Roden, Germany
Telephone : (49)6106-873-0

U.K. : **KUBOTA (U.K.) LTD.**
Dormer Road, Thame, Oxfordshire, OX9 3UN, U.K.
Telephone : (44)1844-214500

Spain : **KUBOTA ESPAÑA S.A.**
Avenida Recomba No.5, Poligno Industrial la Laguna, Leganes, 28914 (Madrid) Spain
Telephone : (34)91-508-6442

Australia : **KUBOTA AUSTRALIA PTY LTD.**
25-29 Permas Way, Truganina, VIC 3029, Australia
Telephone : (61)-3-9394-4400

Malaysia : **KUBOTA MALAYSIA SDN. BHD.**
No.3 Jalan Sepadu 25/123 Taman Perindustrian Axis,
Seksyen 25, 40400 Shah Alam, Selangor Darul Ehsan Malaysia
Telephone : (60)3-736-1388

Philippines : **KUBOTA PHILIPPINES, INC.**
232 Quirino Highway, Baesa, Quezon City 1106, Philippines
Telephone : (63)2-422-3500

Taiwan : **SHIN TAIWAN AGRICULTURAL MACHINERY CO., LTD.**
16, Fengping 2nd Rd, Taliao Shiang Kaohsiung 83107, Taiwan R.O.C.
Telephone : (886)7-702-2333

Indonesia : **PT KUBOTA MACHINERY INDONESIA**
Tower A at EightyEight@Kasablanka Lantai 16
Jalan Raya Casablanka Kav. 88, Jakarta 12870 Indonesia
Telephone : (62)-21-29568-720

Thailand : **SIAM KUBOTA CORPORATION CO., LTD.**
101/19-24 Moo 20, Navanakorn Industrial Estate, Tambon Khlongnueng, Amphur Khlongluang,
Pathumthani 12120, THAILAND
Telephone : (66)2-909-0300

Korea : **KUBOTA KOREA CO., LTD.**
41-27, Jayumuyeok-gil, Baeksan-myeon, Gimje-si, Jeollabuk-do, Korea
Telephone : (82)-63-544-5822

India : **KUBOTA AGRICULTURAL MACHINERY INDIA PVT. LTD.**
No.15, Medavakkam Road, Sholinganallur, Chennai-600119, T.N., India
Telephone : (91)44-6104-1500

Vietnam : **KUBOTA VIETNAM CO., LTD.**
Lot B-3A2-CN, My Phuoc 3 Industrial Park, Thoi Hoa Ward, Ben Cat Town, Binh Duong Province, Vietnam
Telephone : (84)-274-3577-507

KUBOTA Corporation

AX . J . 1-1 . - . AK

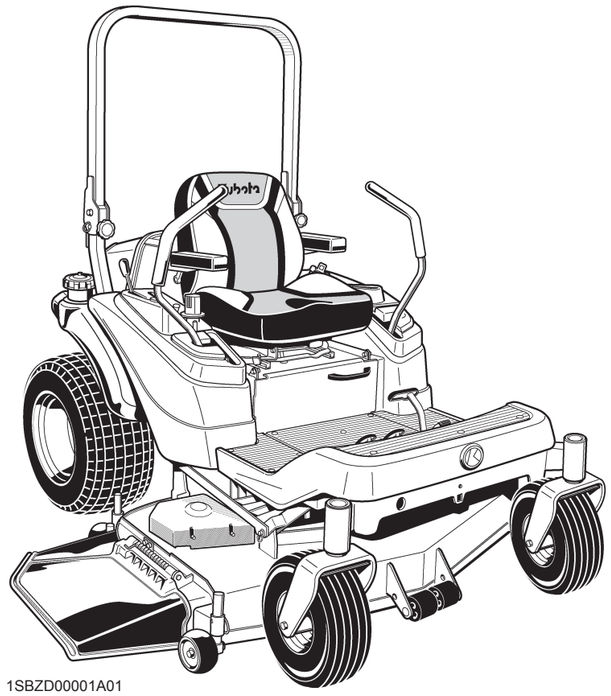
English (Australia)
Code No. K3287-7126-1

ZG327A-AU

OPERATOR'S MANUAL

KUBOTA
ZERO TURN MOWER

MODEL ZG327A-AU



1SBZD00001A01

READ AND SAVE THIS MANUAL

Kubota

PRINTED IN U.S.A.

© KUBOTA Corporation 2019

PREVIEW - YOUFIXTHIS.COM

CONTENTS

SAFE OPERATION **5**

SERVICING OF MACHINE **15**

SPECIFICATIONS **16**

SPECIFICATION TABLE 16

IMPLEMENT LIMITATIONS **18**

INSTRUMENT PANEL AND CONTROLS **19**

INSTRUMENT PANEL, SWITCHES AND HAND CONTROLS 19

MOWER 20

MOWER MOUNTING **21**

MOUNTING THE MOWER DECK 21

ADJUSTING THE MOWER 22

DISMOUNTING THE MOWER DECK 22

OPERATING THE ENGINE **23**

GETTING ON AND OFF THE MACHINE SAFELY 23

STARTING THE ENGINE 23

1. Throttle lever and choke knob 24

2. Key switch 25

STOPPING THE ENGINE 25

1. Engine stop (by manual) 25

CHECK DURING OPERATING 26

1. Easy Checker™ 26

2. Fuel gauge 26

3. Fuel pump 26

4. Hour meter 26

COLD WEATHER STARTING 27

WARMING UP THE ENGINE 27

1. Warm-up and transmission oil in the low temperature range 27

JUMP STARTING 27

OPERATING THE MACHINE **29**

OPERATING A NEW MACHINE 29

1. Changing lubricating oil for new machine 29

2. Engine break-in 29

3. Machine break-in 29

OPERATING THE FOLDABLE ROPS 30

1. Folding the ROPS 30

2. Raising the ROPS to the upright position 31

3. Adjusting the foldable ROPS 31

STARTING THE MACHINE 31

1. Operator's seat 31

2. Seat belt 32

3. Hydraulic lift control pedal 32

4. Throttle lever 33

5. Parking brake pedal 33

6. Motion control lever 33

6.1 Stop position of the motion control lever 33

6.2 Operating position of the motion control lever 34

6.3 Re-start on slopes 35

STOPPING THE MACHINE 36

PARKING THE MACHINE 36

PREVIEW - YOUFIXTHIS.COM

Download full manual at youfixthis.com

SAFE OPERATION

Careful operation is your best insurance against an accident.
The owner/user can prevent and is responsible for accidents or injuries occurring to themselves, other people or property. Read and understand this manual carefully before operating the machine. All operators, no matter how much experience they may have had, must read and understand this and other related manuals before operating the machine or any implement attached to it. It is the owner's obligation to instruct all operators in safe operation.
If the operator(s) or mechanic(s) cannot understand the contents, it is the owner's responsibility to explain this material to them. This mowing machine is capable of amputating hands, feet and throwing objects. Failure to observe the following safety instructions could result in serious injury or death.

BEFORE OPERATING THE MACHINE

Know your equipment and its limitations. Read all instructions in this manual before attempting to start and operate the machine.

1. General

- The zero turn mowing machine has different steering characteristics than other machines with a steering wheel and does not have a service brake pedal (but, has a parking brake pedal that can be used to stop the machine in an emergency). Normal slowing down and stopping is done with the motion control levers. Read and understand the operator's manual before operating the machine. Practice operating the machine at low engine speed in an unobstructed area without engaging the mower.
- Pay special attention to the safety labels on the machine itself.
- Do not operate the machine or any attachments while under the influence of alcohol, medication, controlled substances or when fatigued.
- Do not wear loose, torn, or bulky clothing around the machine. The clothing may catch on moving parts or controls, leading to the risk of an accident. Wear and use any additional safety items such as a hard hat, safety boots or shoes, eye and hearing protection, gloves and so on, as appropriate or required.
- Do not wear radio or music headphones while operating the machine.
- Do not operate the machine or any attachments while using or texting with a cellphone or any other electronic device.
  Safe operation requires your full attention.
- Carefully check the vicinity before operating machine or any implement attached to it. Clear the work area of objects (such as wires and rocks,) that might be picked up and thrown. Check for overhead clearance which may interfere with a grass catcher.
- Check parking brake and other mechanical parts for correct adjustment and wear. Replace worn or damaged parts promptly. Check the tightness of all nuts and bolts regularly.
  (See PERIODIC SERVICE on page 49 and ADJUSTMENT on page 78.)
- Keep all shields and guards in place. Replace any that are damaged or missing. Do not operate unless they are functioning properly.
- Before allowing other people to use your machine, explain how to operate and have them read this manual before operation.
- Do not allow any bystanders around or near machine during operation.
- Do not allow passengers, children or non-qualified operators on the machine at any time. The operator must remain in the machine seat throughout operation.
- In addition to the design and configuration of equipment, hazard control and accident prevention are dependent upon the awareness, concern and prudence of personnel involved in the operation, transport, maintenance of the equipment.
- Evaluate the terrain to determine what accessories and attachments are needed to properly and safely perform the job. Keep the machine and attachments in good operating condition and keep safety devices in place and in proper working condition. Do not operate unless they are functioning properly.
- Do not modify the machine. Unauthorized modification may affect the function of the machine, which may result in personal injury.
- Use only implements approved by KUBOTA. Use proper ballast on the front or rear of the machine to reduce the risk of upsets. Follow the safe operating procedures specified in the manuals of the equipment.
- Keep your machine clean. Accumulations of dirt, grease, and trash can contribute to fires and lead to personal injury.
- The exhaust gas from the muffler is very hot. To prevent fire, do not expose dry grass, mowed

PREVIEW - YOUFIXTHIS.COM

Download full manual at youfixthis.com

SPECIFICATIONS

SPECIFICATION TABLE

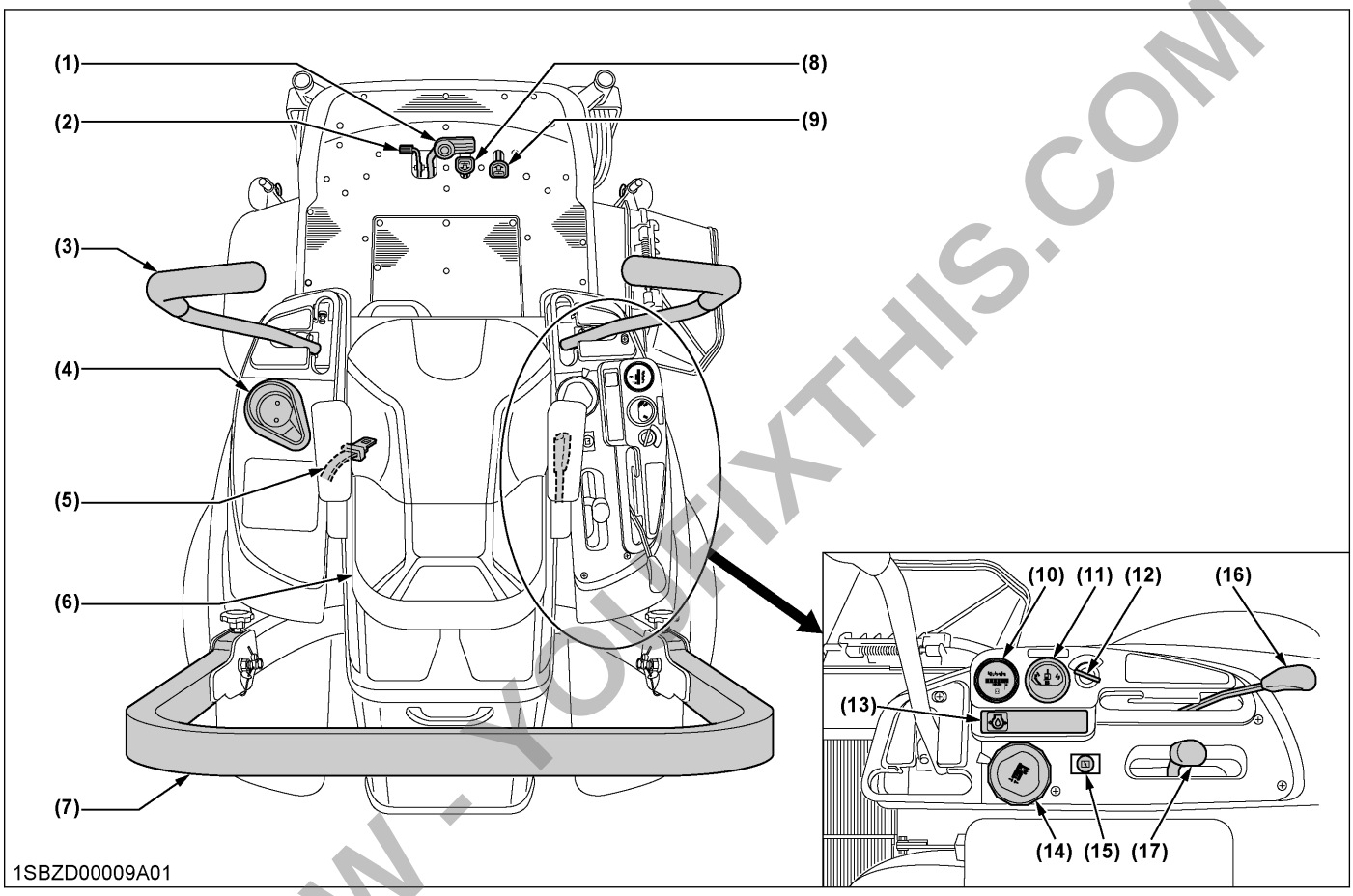
Model				ZG327PA-AU
Engine	Model			**KGZ770-MA1**
	Maximum engine power (gross)		kW (HP)	19.4 (26) *1
	Type			Air-cooled gasoline engine
	Number of cylinders			2 (V-Twin)
	Bore and stroke		mm (in.)	84.2 × 69 (3.31 × 2.72)
	Total displacement		cm^3 (cu. in.)	768 (46.9)
	Rated revolution		rpm	3200
	Fuel			Automobile unleaded or regular gasoline
	Starter			Electric starter with battery
	Lubrication			Full pressure lubrication
	Cooling			Forced air cooled
	Battery			U1L-10 (12 V, RC: 22 min, CCA: 300, CA: 365)
Capacities	Fuel tank		L (U.S.gals.)	48 (12.7)
	Engine crankcase (with filter)		L (U.S.qts.)	2.0 (2.1)
	Transmission case including rear axle gear case		L (U.S.qts.)	12.1 (12.8) *2
Dimensions	Overall length		mm (in.)	2230 (87.8)
	Overall width without mower deck		mm (in.)	1460 (57.5)
	Overall height	With ROPS upright	mm (in.)	1915 (75.4)
		With ROPS folded	mm (in.)	1555 (61.2)
	Wheelbase		mm (in.)	1410 (55.5)
	Min. ground clearance		mm (in.)	130 (5.12) with 60"
	Tread	Front	mm (in.)	975 (38.4)
		Rear	mm (in.)	1150 (45.3)
Weight (with mower deck)			kg (lbs.)	710 (1565) with 60" (Side)
Traveling system	Tires	Front		15 × 6.0 - 6 (Non flat tire) Rib
		Rear		26 × 12.0 - 12 (4PR) Turf
	Traveling speeds	Forward	mph (km/h)	0 to 10.6 (0 to 17.0) *3
		Reverse	mph (km/h)	0 to 5.3 (0 to 8.5) *3
	Steering			2 - hand levers
	Transmission			2 - HST with gear
	Parking brake			Wet multi disk/foot applied, released
	Min. turning radius		mm (in.)	0 (0)
PTO	Revolution			1 speed (2530 rpm at 3200 engine rpm)
	Drive system			Shaft drive, KUBOTA 10 tooth involute spline
	Clutch type			Wet multi disks
	PTO brake			Wet single disk

Specifications and design subject to change without notice.

PREVIEW - YOUFIXTHIS.COM
Download full manual at youfixthis.com

INSTRUMENT PANEL AND CONTROLS

INSTRUMENT PANEL, SWITCHES AND HAND CONTROLS



Illustrated contents

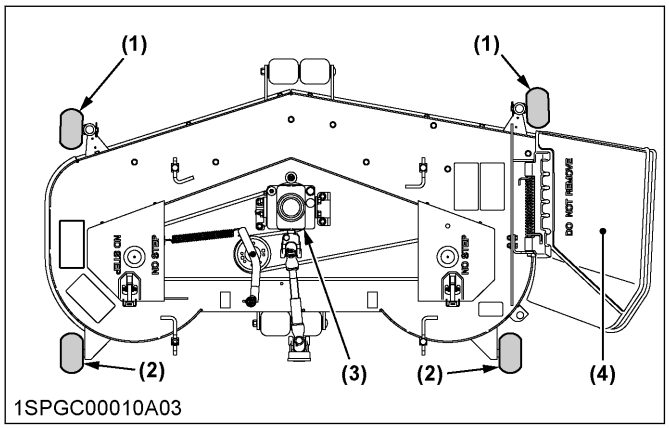
(1) *Parking brake pedal* 23
Parking brake pedal 33
(2) *Parking brake lock pedal* 23
Parking brake lock pedal 33
(3) *Motion control lever* 23
Motion control lever 33
(4) *Cup holder*
(5) *Seat belt* 32
(6) *Operator's seat* 31
(7) *ROPS* 30
(8) *Hydraulic lift control pedal (DOWN)* 32
(9) *Hydraulic lift control pedal (UP)* 32
(10) *Hour meter* 26
(11) *Fuel gauge (LH tank only)* 26
(12) *Key switch* 25
(13) *Easy Checker™* 26
(14) *Cutting height control dial* 38
(15) *Choke knob* 24
(16) *PTO lever* 41
(17) *Throttle lever* 33

PREVIEW - YOUFIXTHIS.COM

Download full manual at youfixthis.com

MOWER

RCK60P



1SPGC00010A03

(1) Anti-scalp roller (front, pin shift type) 38
(2) Anti-scalp roller (rear, bolt shift type) 38
(3) Gear box
(4) Discharge deflector 29
Discharge deflector 41

PREVIEW - YOUFIXTHIS.COM

Download full manual at youfixthis.com

OPERATING THE MOWER

⚠ DANGER

To avoid serious injury or death:

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

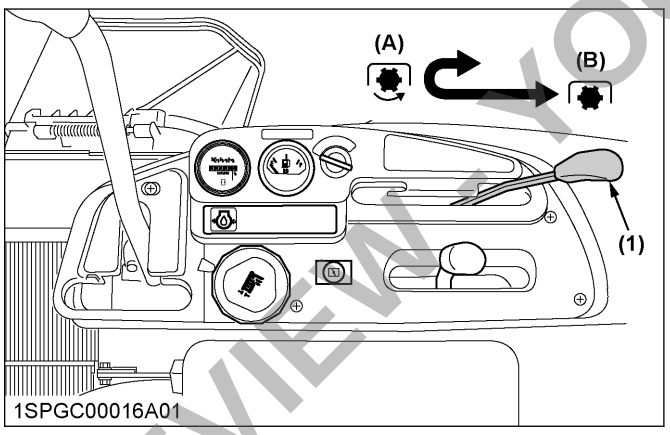
⚠ WARNING

To avoid serious injury or death:

- **Clear the work area of objects which might be picked up and thrown.**
- **Do not direct the opening of the discharge deflector at bystanders, especially children, or animals. Discharged objects may cause injury. Plan your mowing carefully before starting the operation.**
- **Keep bystanders and animals away from the mowing area.**
- **Be sure to disengage the PTO clutch of the mower before attempting to start the engine.**

1. PTO lever

To engage the PTO, move the PTO lever to the *"ENGAGED"* (ON) position.



(1) PTO lever
(A) "ENGAGED" (ON)
(B) "DISENGAGED" (OFF)

1. If you get off the seat while the PTO is running, the engine will stop automatically. (Operator presence control)
2. Before starting the engine, pull the PTO lever to the *"DISENGAGED"* (OFF) position. If it is at the *"ENGAGED"* (ON) position, the engine will not start.

NOTE :

- **These safety features are built-in.**

2. Starting the machine

⚠ WARNING

To avoid serious injury or death:

- **Engine components can get extremely hot from operation. To prevent severe burns, do not touch these areas while the engine is running, or immediately after it is turned off.**
- **Never operate the engine without heat shields or guards.**

1. Sit on the operator's seat.
   Put on the seat belt. Make sure that the parking brake is engaged.
2. Start the engine.
3. Engage the PTO lever.
4. Disengage the parking brake.
5. Speed up the engine by moving the throttle lever forward.
6. Push or pull the motion control levers to move forward or rearward.

IMPORTANT :

- **Never attempt to move the machine with the parking brake *"ON"*.**

NOTE :

- **Keep the engine running at full throttle for best results. Control the travel speed with the motion control levers.**
- **During heavy duty use, operate the machine at a slower ground speed or go over the area twice.**
- **Keep the mower deck in the raised position when the mower is disengaged.**
- **The mower will not cut cleanly if the ground speed is too high or if the blade speed drops due to an overload.**
- **If debris builds up on the grass screen or other cooling air intake areas, stop the engine and clean them. Operating the engine with blocked or dirty air intake and cooling areas causes damage due to overheating.**

PREVIEW - YOUFIXTHIS.COM

Download full manual at youfixthis.com

MAINTENANCE

SERVICE INTERVALS

The following servicing tasks should be carried out on the machine at the stated running-time intervals.

No.	Items		Indication hour meter (Hr)													Ref. page	
			50	100	150	200	250	300	350	400	450	500	550	600	After since		
1	Engine oil	Change	◎		○		○		○		○		○		every 100Hr	60	*1
2	Engine oil filter	Replace	◎				○				○				every 200Hr	69	*1
3	HST transmission oil filter	Replace	◎			○				○				○	every 200Hr	70	*1
4	Mower gear box oil	Check	○	○	○	○	○	○	○	○	○	○	○	○	every 50Hr	57	
		Change			○			○			○			○	every 150Hr	68	
5	Engine start system	Check	○	○	○	○	○	○	○	○	○	○	○	○	every 50Hr	56	
6	OPC system	Check	○	○	○	○	○	○	○	○	○	○	○	○	every 50Hr	57	
7	Greasing (except mower)	—	○	○	○	○	○	○	○	○	○	○	○	○	every 50Hr	58	
8	Oiling	—	○	○	○	○	○	○	○	○	○	○	○	○	every 50Hr	59	
9	Air cleaner primary element	Clean		○		○		○		○		○		○	every 100Hr	60	*2
		Replace													every 1000Hr or 1 year	73	*3
	Secondary element	Replace													every 1000Hr or 1 year	73	*3
10	Fuel filter element	Check		○		○		○		○		○		○	every 100Hr	63	
		Replace								○					every 400Hr	73	*4
11	Parking brake	Adjust		○		○		○		○		○		○	every 100Hr	65	*5
12	Battery condition	Check		○		○		○		○		○		○	every 100Hr	66	*6
13	Engine shroud panel	Clean		○		○		○		○		○		○	every 100Hr	61	*5
14	Engine oil cooler fins	Clean		○		○		○		○		○		○	every 100Hr	62	*7 *5
15	Fuel filter bowl	Clean		○		○		○		○		○		○	every 100Hr	64	
16	Throttle cable	Adjust		○		○		○		○		○		○	every 100Hr	68	
17	Spark plug condition and gap	Check				○				○				○	every 200Hr	70	
18	Motion control lever pivot	Adjust				○				○				○	every 200Hr	71	
19	Engine shroud	Clean				○				○				○	every 200Hr	71	*4
20	Hydraulic oil filter	Replace								◎					every 400Hr	72	
21	Transmission fluid and rear axle gear case (RH and LH) fluid	Change								◎					every 400Hr	71	
22	Engine valve clearance	Adjust										○			every 500Hr	73	
23	Combustion chamber	Clean													After 1000Hr	73	*8
24	Fuel line	Check													every 1 year	63	*9 *5
		Replace													every 4 years	75	*4
25	Hydraulic hose	Check													every 1 year	73	*9 *5
		Replace													every 4 years	75	*4

(Continued)

PREVIEW - YOUFIXTHIS.COM

Download full manual at youfixthis.com

PREVIEW ONLY

You're viewing 8 of 99 pages

The full manual includes:

- All 99 pages, complete
- Searchable PDF (find any keyword)
- No watermarks
- Instant download
- Print-ready quality

GET FULL MANUAL NOW

Kubota ZG327A-AU Operator Manual

Scan or click anywhere
youfixthis.com

Click anywhere on this page to get the full manual