

# OPERATOR'S MANUAL

ENGLISH

# KUBOTA

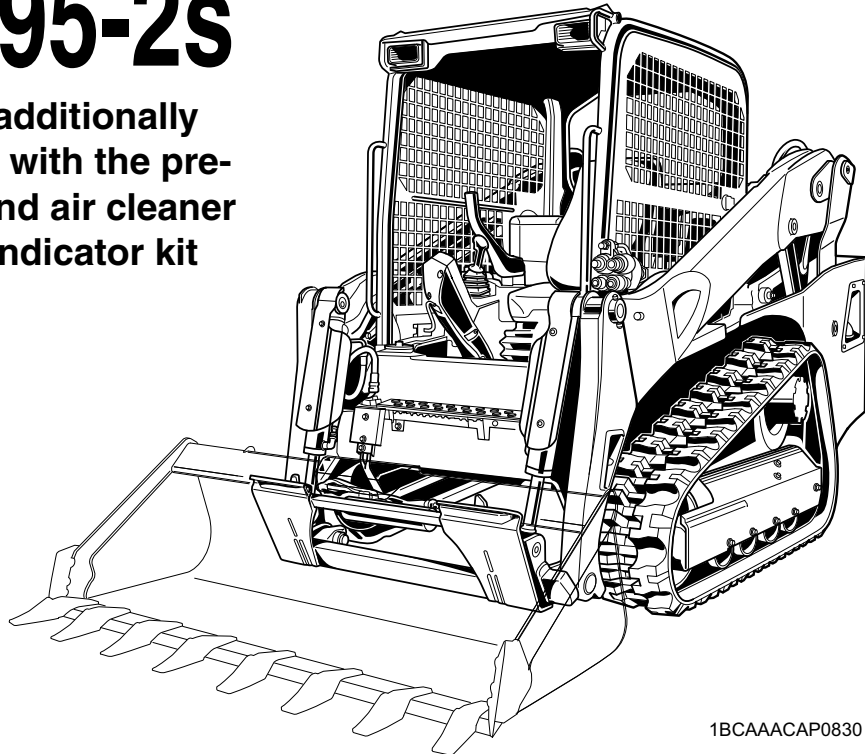
# CTL

Compact  
Track  
Loader

MODEL

## SVL95-2s

Machines additionally  
equipped with the pre-  
cleaner and air cleaner  
warning indicator kit



1BCAAACAP0830

V0631-5819-1

*READ AND SAVE THIS MANUAL*

**Kubota**

This operator's manual covers the machines additionally equipped with the pre-cleaner and air cleaner warning indicator kit. Here is discussed how to handle the component parts other than those of the standard model, and how to service these parts. For the common component parts, refer to the separately issued Standard Model Operator's Manual. (Be sure to handle the above different parts according to this booklet.)



## 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.

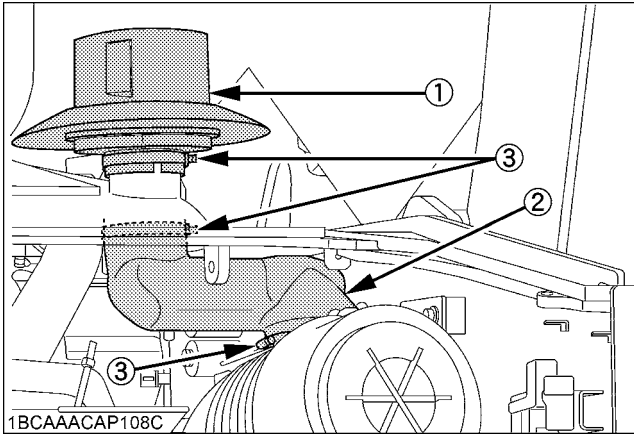
**NOTE :** Gives helpful information.

# CONTENTS

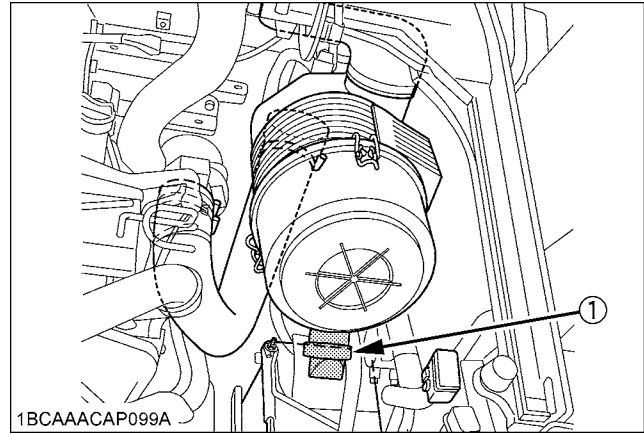
DESCRIPTION OF MACHINE PARTS.....	1
INSTRUMENT PANEL AND CONTROL ELEMENTS.....	2
MAINTENANCE.....	3
MAINTENANCE INTERVALS.....	3
DAILY CHECKS.....	4
Checking Evacuator Valve.....	4
Checking Pre-cleaner.....	4
REGULAR CHECKS AND MAINTENANCE WORK.....	5
EVERY 50 SERVICE HOURS.....	5
Checking Air Cleaner Element.....	5
Cleaning Air Cleaner Element.....	5
Cleaning Evacuator Valve.....	6
EVERY 250 SERVICE HOURS.....	6
Checking Intake Air Line.....	6
Replacing Air Cleaner Element.....	7
ANNUAL SERVICING.....	7
Checking Intake Air Line for Air Leaks.....	7
BIENNIAL SERVICING.....	7
Replacing Intake Air Line.....	7
OTHER ADJUSTMENTS AND REPLACEMENTS.....	8
FUSES.....	8
Fuse Capacities and Circuits.....	8



# DESCRIPTION OF MACHINE PARTS

**DEPICTED CONTENTS**

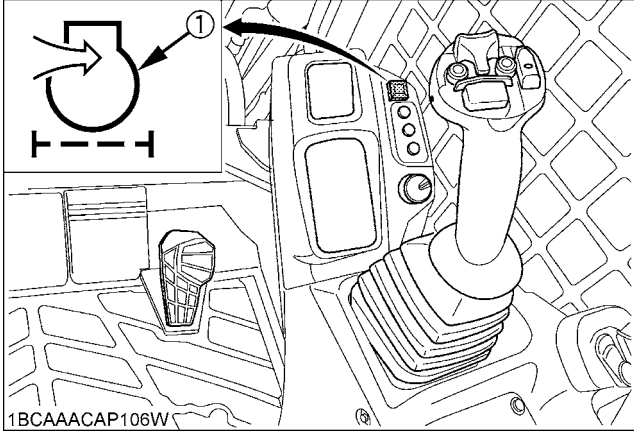
- (1) Pre-cleaner
- (2) Hose
- (3) Hose clamp

**DEPICTED CONTENTS**

- (1) Evacuator valve

# INSTRUMENT PANEL AND CONTROL ELEMENTS

## ■ Instrument Panel



DEPICTED CONTENTS

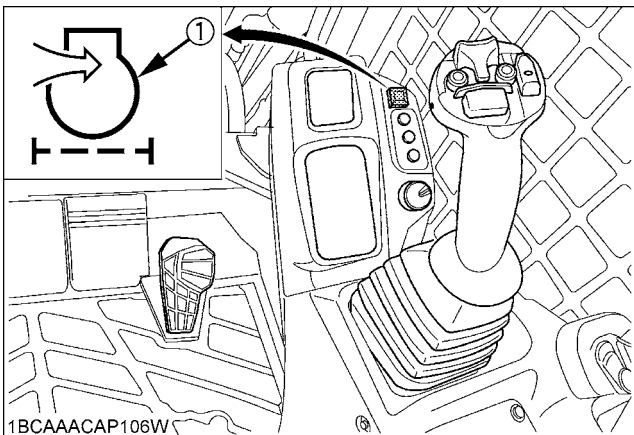
(1) Air cleaner warning indicator

### ■ Air Cleaning Warning Indicator

If the air cleaner is clogged, the air cleaner warning indicator on the instrument panel will light up.

If this should happen at high engine rpm, stop the engine and clean the air cleaner element.

(See "Checking Air Cleaner Element", "Cleaning Air Cleaner Element" and "Cleaning Evacuator Valve" in "EVERY 50 SERVICE HOURS" in "REGULAR CHECKS AND MAINTENANCE WORK" section.)



(1) Air cleaner warning indicator

# MAINTENANCE

## MAINTENANCE INTERVALS

No.	Check points		Measures	Hour meter indicator						Interval	Ref. page			
				50	250	500	1000	1500	2000					3000
1	Evacuator valve		check	Daily check						(every 10 hrs)	4			
			clean	○	○	○	○	○	○	○	every 50 hrs	6		
2	Pre-cleaner		check	Daily check						(every 10 hrs)	4			
3	Air cleaner element	Outer element	clean	○	○	○	○	○	○	○	every 50 hrs	5	*1	@
			replace		○	○	○	○	○	○	every 250 hrs	7	*1	
		Inner element	replace		○	○	○	○	○	○	every 250 hrs	7	*1	
4	Intake air line		check		○	○	○	○	○	○	every 250 hrs	6		@
			replace								every 2 years	7		
5	Intake air line for air leaks		check								every 1 year	7	*2	

**IMPORTANT :**

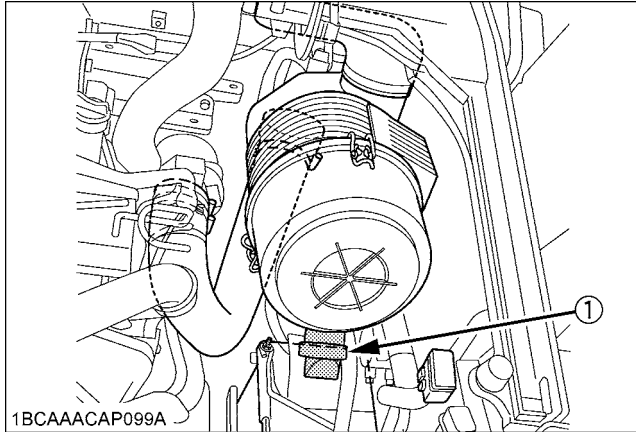
- \*1 Clean and replace the air cleaner element more frequently if used under dusty conditions. When the filter is very dirty from dusty conditions, replace the filter.
- \*2 Consult your local KUBOTA dealer for this service.
- The items listed above (@ marked) are registered as emission related critical parts by KUBOTA in the U.S.EPA non-road emission regulation. As the engine owner, you are responsible for the performance of the required maintenance on the engine according to the above instruction. Please see the warranty Statement in detail.

## DAILY CHECKS

For your own safety and to assure the long life of your machine, a careful check should be made before each operation.

### ■ Checking Evacuator Valve

Open the evacuator valve to get rid of large particles of dust and dirt.



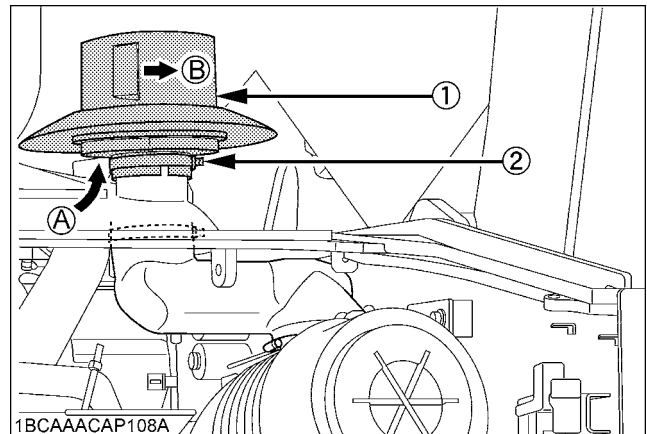
(1) Evacuator valve

#### NOTE :

- If the evacuator valve is missing or damaged, the air cleaner does not function properly. Accordingly, its element's service life will get shorter.

### ■ Checking Pre-cleaner

1. Check to see if the clamp is loose. If loose, retighten it up.
2. Check the appearance of the pre-cleaner for noticeable damage or cracks. In such a case, replace the pre-cleaner with new one.
3. Check to see if the pre-cleaner's suction and discharge ports are blocked with foreign matters. If so, remove such matters.
4. Check around the pre-cleaner for sand, mud, dust, snow and such deposits. Remove them as required.



(1) Pre-cleaner  
(2) Clamp

(A) Suction port  
(B) Discharge port



# REGULAR CHECKS AND MAINTENANCE WORK

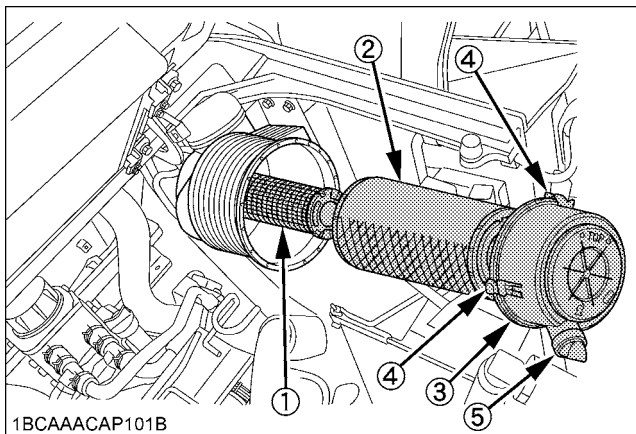
## EVERY 50 SERVICE HOURS

### ■ Checking Air Cleaner Element

Open the rear door and remove the dust-cover. Take out only outer element, clean the element, case inside and evacuator valve. Wipe the case inside, and reassemble them. During reassembly, take care to install the dust-cover so that its TOP mark (arrow) faces up-wards. Do not remove the inner element.

#### IMPORTANT :

- Should the machine be used in extremely dusty areas, the air cleaner element must be inspected and cleaned more frequently than in the specified maintenance periods.
- The air cleaner has a dry element, keep away from oil.
- Do not run the engine without the air cleaner.
- Once every 250 hours or after every sixth cleaning, whichever comes first, replace the air cleaner elements.
- Do not remove the inner element. If removed, replace it with new one.  
(See "Replacing Air Cleaner Element" in "EVERY 250 SERVICE HOURS" in "REGULAR CHECKS AND MAINTENANCE WORK" section.)
- Clean up the case inside with clean wet cloth. After cleaning, wipe it dry with clean dry cloth.
- Do not blow air to clean the case inside. It allows dust come into the inner element.



- (1) Inner element
- (2) Outer element
- (3) Dust-cover
- (4) Clamps
- (5) Evacuator valve

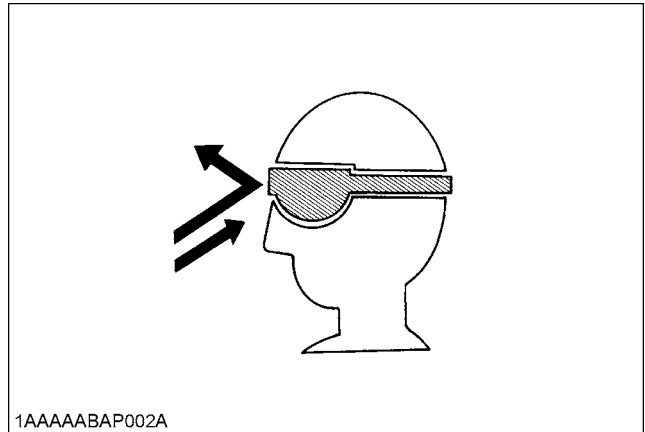
### ■ Cleaning Air Cleaner Element



#### WARNING

To avoid personal injury or death:

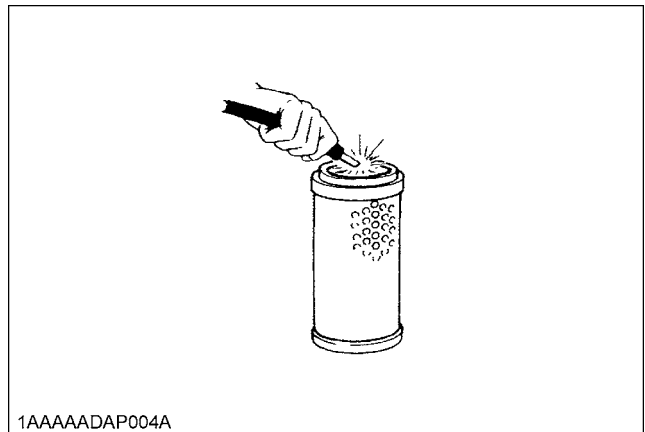
- Wear eye protection.



The quickest and safest method of maintenance is the exchange of the element. Otherwise there are different methods of cleaning the element.

#### ◆ Cleaning with compressed air

Pressure of compressed air must be under 205 kPa (2.1 kgf/cm<sup>2</sup>, 30 psi), and the element should be blown clean from the inside to the outside until the dust deposits are noticeably reduced.



**IMPORTANT :**

- If the air suction is still inadequate, or the color of the exhaust gases is abnormal even after the cleaning, the air cleaner element must be replaced.
- Clean the air cleaner element regularly or foreign materials will accumulate, which will shorten the DPF filter cleaning interval (3000 hours).
- Do not tap-clean the element. The element may get deformed, which may adversely affect the air cleaner performance.

**■ Cleaning Evacuator Valve**

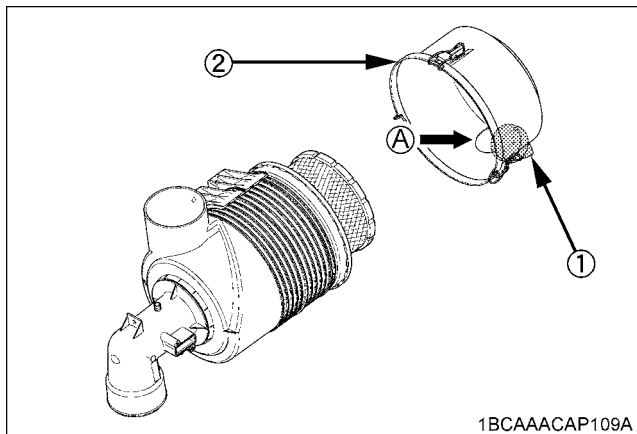
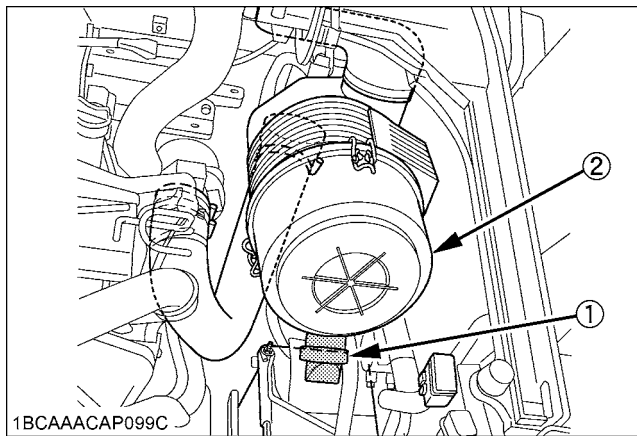


**WARNING**

To avoid personal injury or death:

- Wear eye protection.
- While cleaning, foreign matters may drop out of the evacuator valve.

1. Open the rear door and engine hood.
2. Remove the dust-cover.
3. From behind the dust-cover, remove foreign matters of the evacuator valve.



(1) Evacuator valve (A) Clean from behind  
(2) Dust cover

**IMPORTANT :**

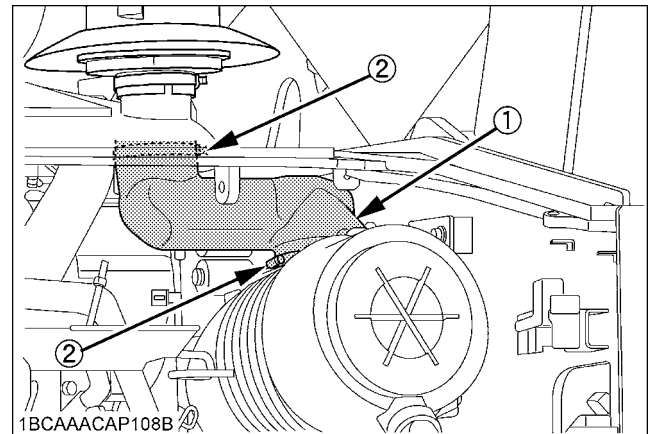
- Failure to clean the evacuator valve may get the air cleaner element's service life shorter.

**EVERY 250 SERVICE HOURS**

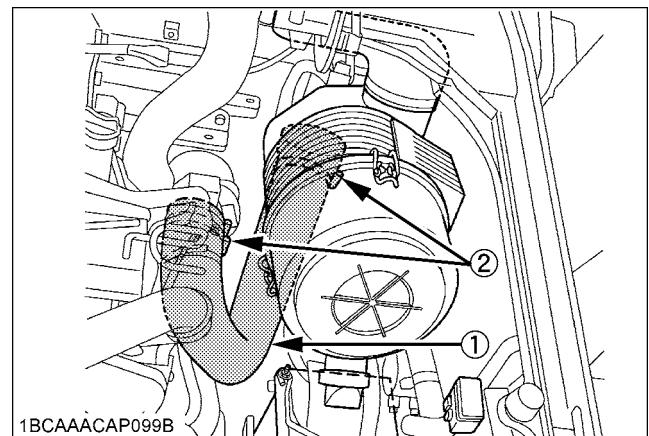
Do all 50 hour servicing at the same time.

**■ Checking Intake Air Line**

1. Check to see that all hoses and hose clamps are tight and not damaged.
2. If hoses and clamps are found worn or damaged, replace or repair them at once.



(1) Hose  
(2) Hose clamps

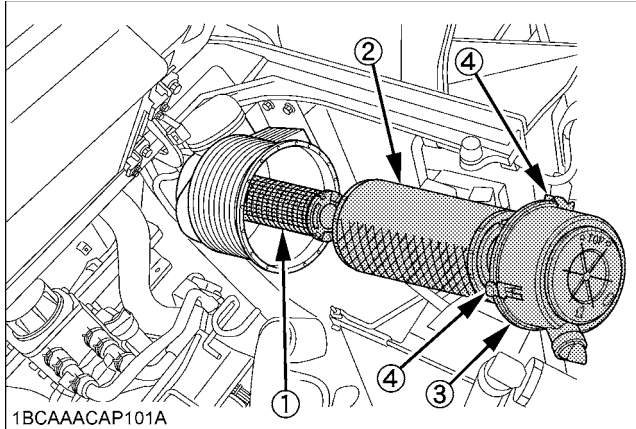


(1) Hose  
(2) Hose clamps

## ■ Replacing Air Cleaner Element

Open the rear door and engine hood. Remove the dust-cover. Remove and replace the outer element and inner element with new elements.

When reassembling, install the dust-cover so that its TOP mark (arrow) faces up-wards.



- (1) Inner element
- (2) Outer element
- (3) Dust-cover
- (4) Clamps

### IMPORTANT :

- Shorten the replacement interval if the machine is used in dusty or sandy areas.
- Replace the air cleaner element regularly or foreign materials will accumulate, which will shorten the DPF filter cleaning interval (3000 hours).
- Use KUBOTA genuine inner and outer element.
- Do not blow air to clean the case inside. It allows dust come into the inner element.
- Clean up the case inside with clean wet cloth. After cleaning, wipe it dry with clean dry cloth.

## ANNUAL SERVICING

### ■ Checking Intake Air Line for Air Leaks

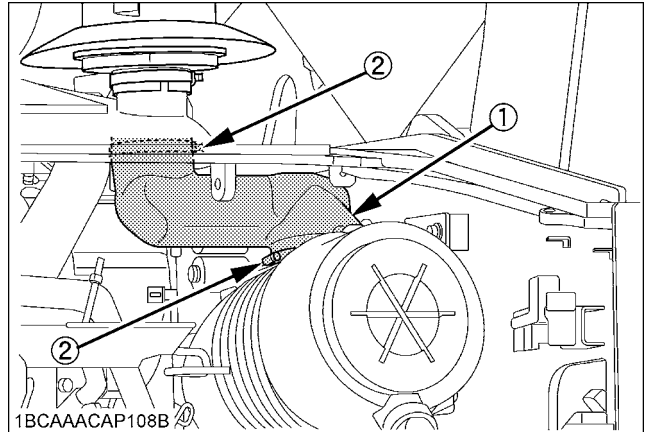
Consult your local KUBOTA Dealer for this service.

## BIENNIAL SERVICING

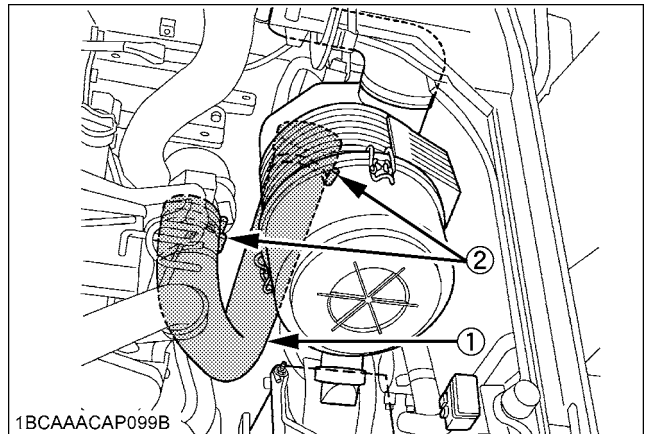
### ■ Replacing Intake Air Line

Replace the hose and clamps.

(See "Checking Intake Air Line" in EVERY 250 SERVICE HOURS section.)



- (1) Hose
- (2) Hose clamps

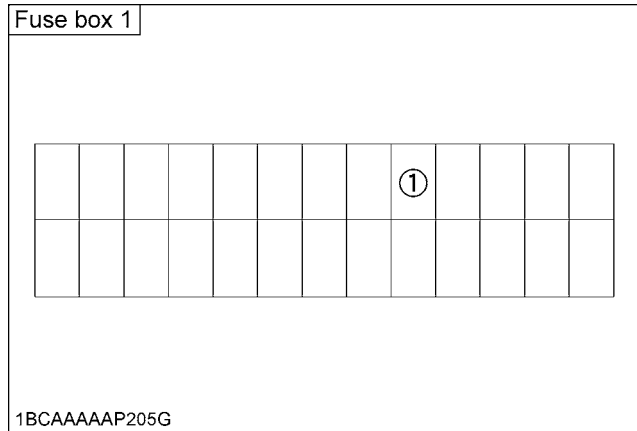


- (1) Hose
- (2) Hose clamps

# OTHER ADJUSTMENTS AND REPLACEMENTS

## FUSES

### ■ Fuse Capacities and Circuits



1	Attachments-1 [20A]
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#### IMPORTANT :

- The fuse of No. 1 is for the air cleaner warning indicator.