

# **SUPER Mini**

## **OPERATOR'S MANUAL FOR FRONT END LOADER**



READ THE MANUAL BEFORE OPERATE  
KEEP THE MANUAL ALONG WITH YOU

# Thank you for purchasing our products

## SUMMARY

- This instruction manual explains the correct handling method and simple inspection and maintenance of this product. Please be sure to read this instruction manual before use.
- After reading, please keep this manual carefully. If you don't understand it, please read it fully until you understand it.
- If you want to lend or transfer this product, please attach this instruction manual to the product and deliver it.
- If the instruction manual is lost or damaged, please ask the company for it as soon as possible
- In addition, due to the improvement of quality and performance, sometimes the parts used will be changed. At this time, the contents of the book and the photo illustrations may be inconsistent with this product.



In consideration of environmental protection, do not print this manual unless absolutely necessary



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## SAFETY

必ず読んでください

- To ensure safe use of the loader, please be aware of the caution mentioned here
- If you do not observe the following caution, there may be damage, accidents, or product damage, including death.
- Please be aware of the caution items mentioned in the "handling manual" of the tractor.

### NOTE

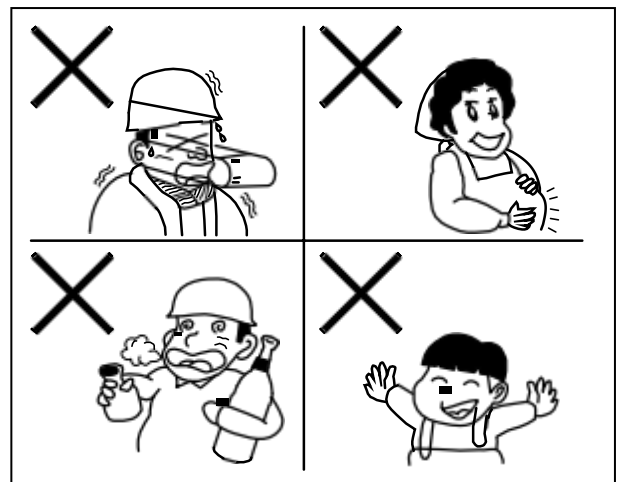


Always read this manual before using the loader



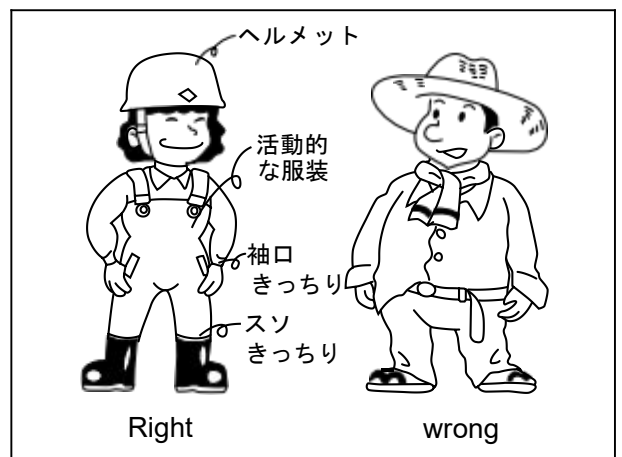
### DO NOT OPERATE

- When it is not possible to concentrate on work due to the effect of overwork, sickness, drug, and other reasons.
- AFTER DRINK.
- DURING PREGNANCY
- CHILD



Dress suitable for work

It is prohibition of the winding roll, neck and waist towel. Wear shoes with helmet and slip, apply protective equipment suitable for the work, and wear clothes such as swelling.

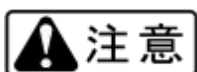
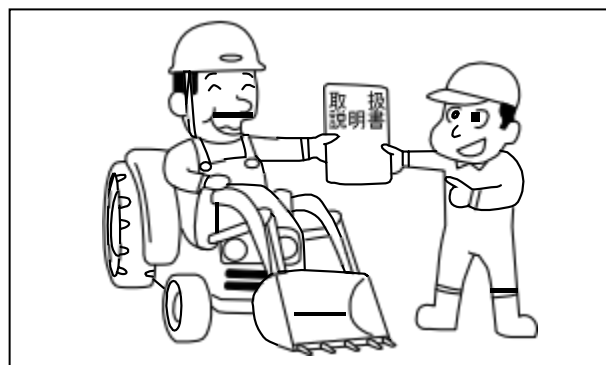




必ず読んでください

If you lend the loader to someone else,

please remind him to read the manual

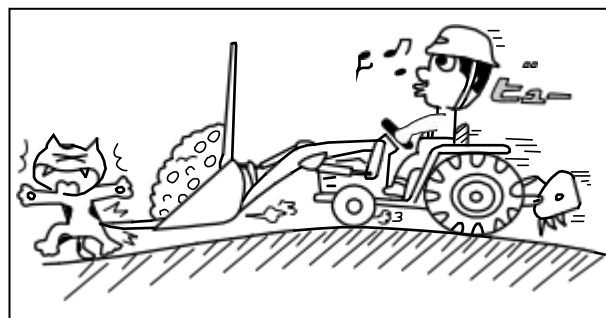


Do not modify the loader

Please do not attach a genuine part or attachment other than the specification.

Please do not remodeling.

Do not attach the loader to other tractor.

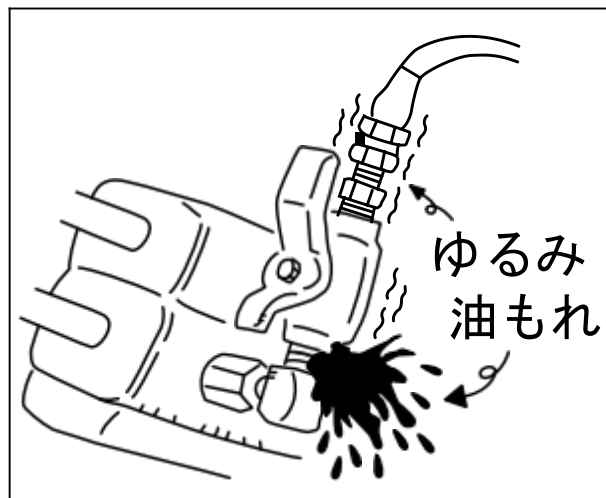


BEFORE OPERATING



Tighten the threaded part of the hydraulic piping before operating the loader

For safety purposes, please replace the hydraulic hose every two years.



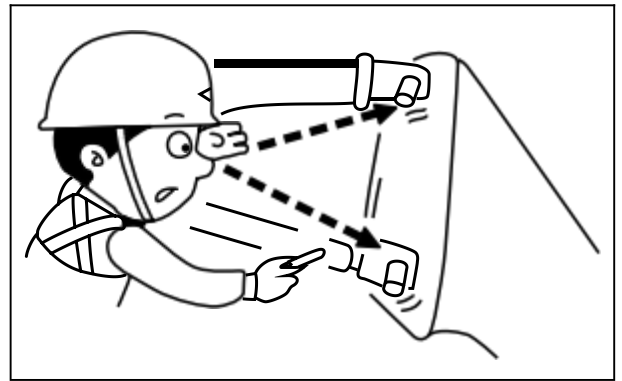
必ず読んでください



- It is checked whether there is looseness of bolt and Nutt of each part, and drop of pin.

Grease up to the rotating part.

In addition, it is confirmed whether there is a damaged portion (material, weld cracking, etc.).



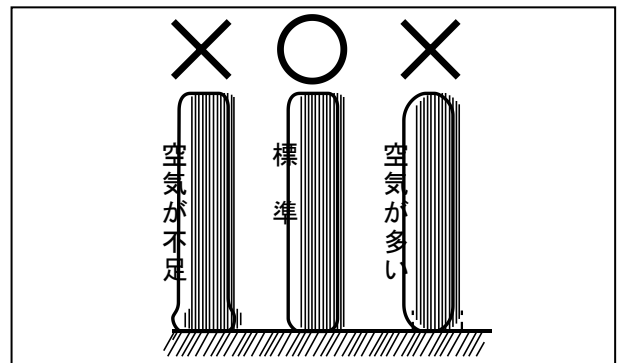
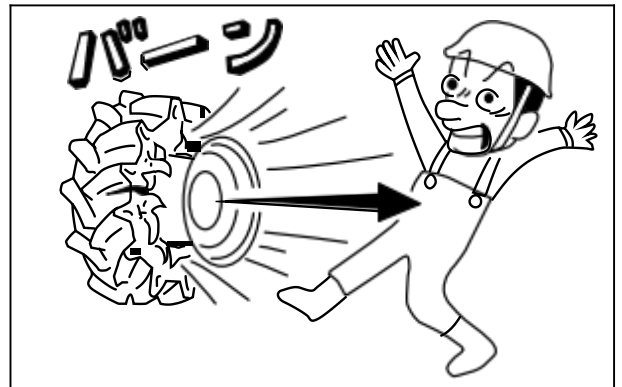
The pneumatic pressure of the tire is always protected by the specified pressure described in the tractor's instruction manual

Do not use if the wound is wound on the tire and the wound has reached the cord.

Please make sure to replace or repair tire, rim, etc.

It is decided by the law as done by the special educated person

– check whether the front and rear wheel air pressure is appropriate.

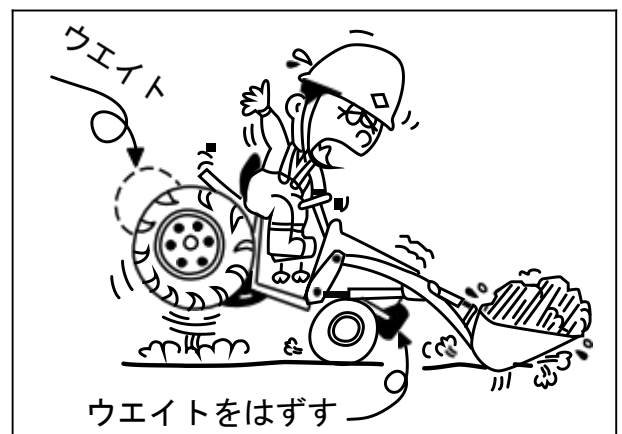


Weight on rear of tractor

The front weight front wheel weight should be taken.

Please do not attach the rear weight exceeding the proper weight.

Please refer to the "proper parts table" for proper rear weight



## 取扱注意

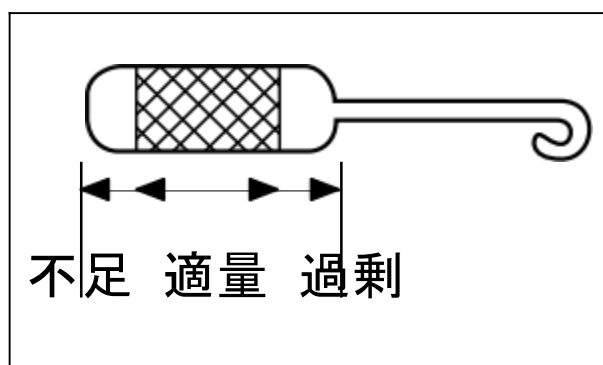
PLEASE ADD ENOUGH HYDRAULIC OIL  
TO YOUR TRACTOR  
LESS OIL WILL DAMAGE THE PUMP OR VALVE

## 補 足

Please start the tractor and  
warm up the hydraulic oil  
before operating the loader

temperature	time
10 ~ 0°C	0 ~ 10
0 ~ -10°C	10 ~ 20 Minutes
-10 ~ -20°C	20 ~ 30 Minutes
<-20°C	30 Minutes

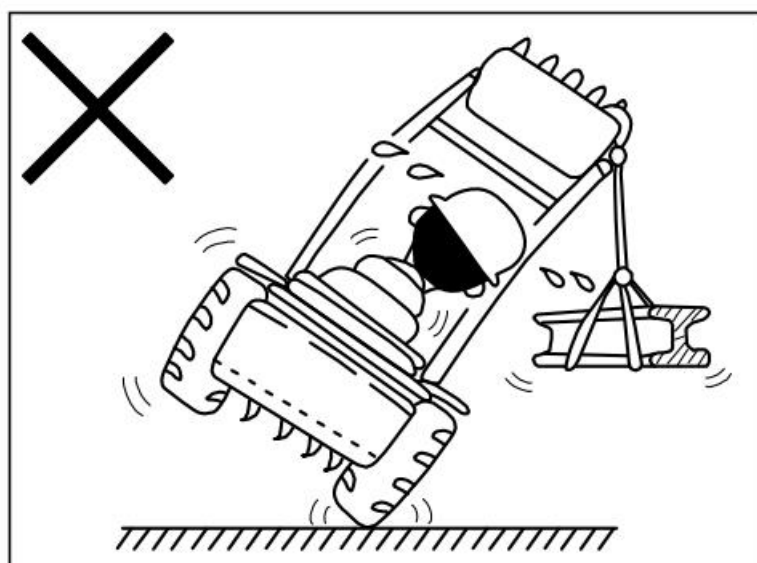
必ず読んでください



## 危険

- please load the goods evenly.
- do not carry out eccentric load operation
- when handling long-sized articles, please pay full attention not to ground the end of the goods and drive slowly.

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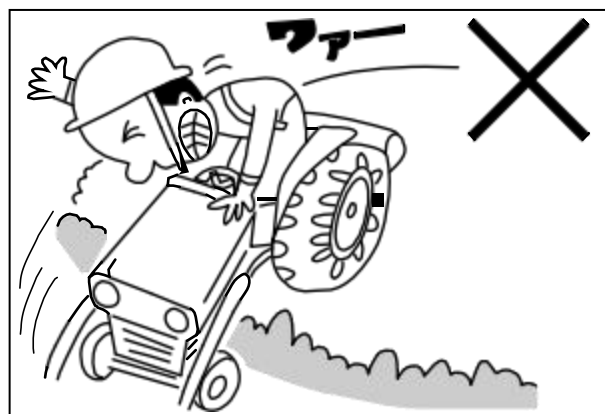




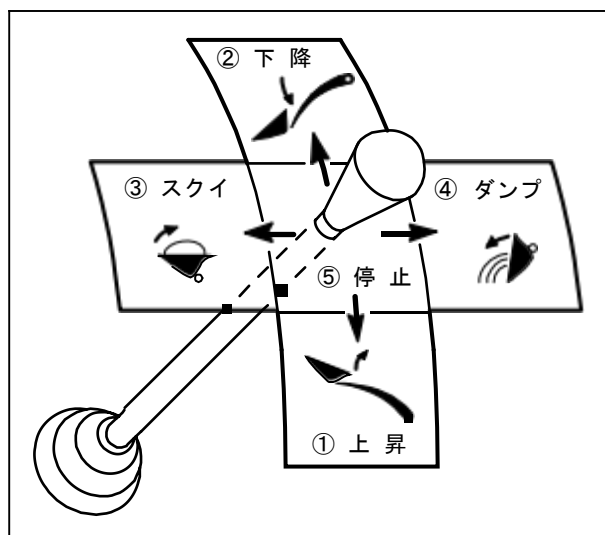
When driving on a slope,  
set the speed to low speed

Lower the bucket  
as low as possible

必ず読んでください



Please make sure the hydraulic lever at  
the Neutral position before start your  
tractor .



Don't sit on the bucket







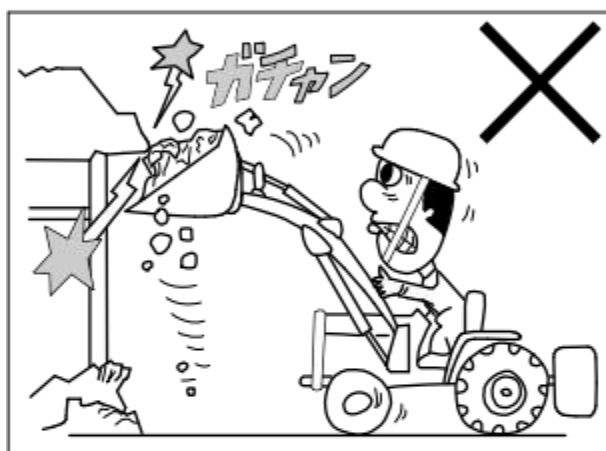
- Do not stand within the operating range of the loader

必ず読んでください

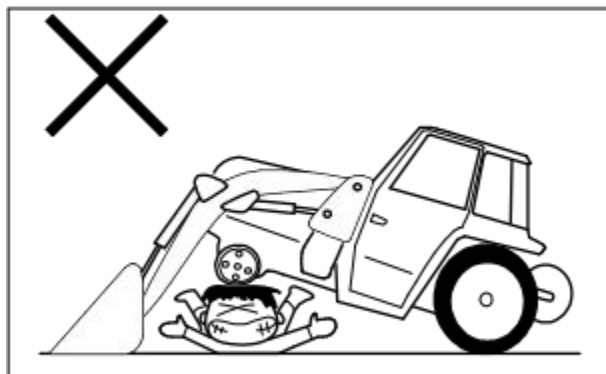


Keep away from obstacles

If you move the arm or retract the track, make sure that the loader does not hit the obstacle.



Do not lift the front wheel with the loader to replace the tire



Must wear safety helmet and safety shoes

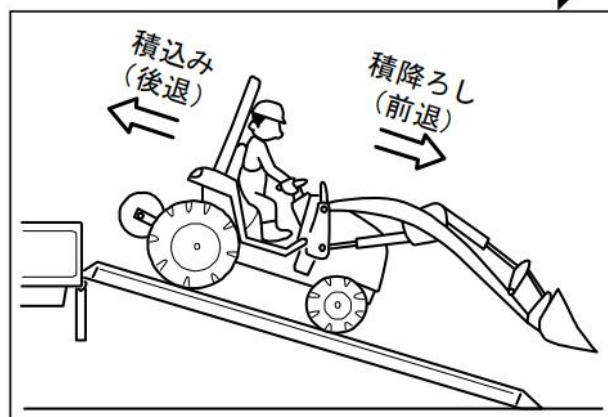




必ず読んでください

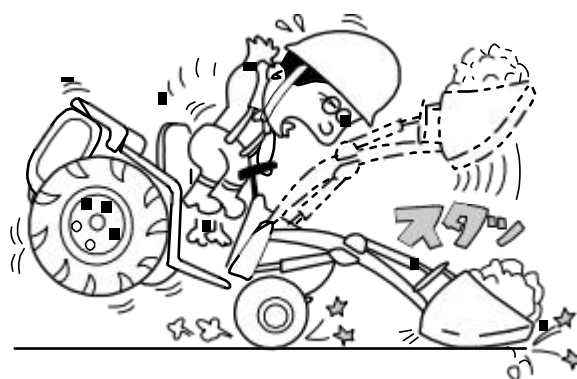
Please use reverse gear when getting on the truck.

Use the forward gear when getting off the truck



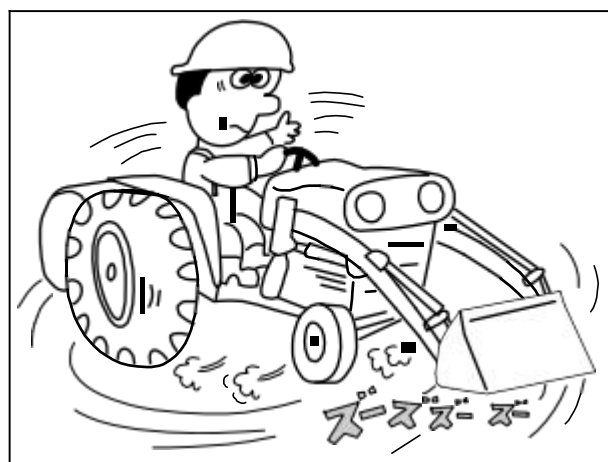
Don't let the arm stop suddenly  
on the way down

Don't brake hard

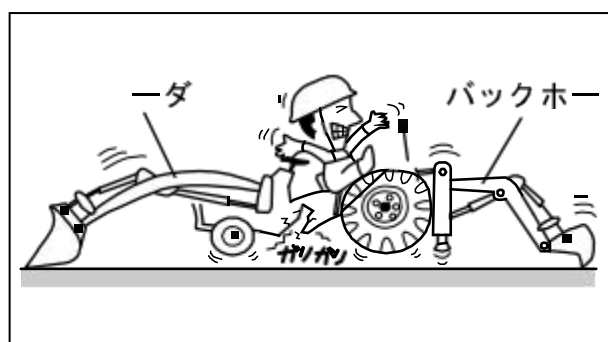


Install the loader to lengthen the tractor.  
Please pay attention when turning.

Always connect the left and right brake pedals



Do not lift the front and rear wheels of the tractor  
with front loading and backhoe at the same time



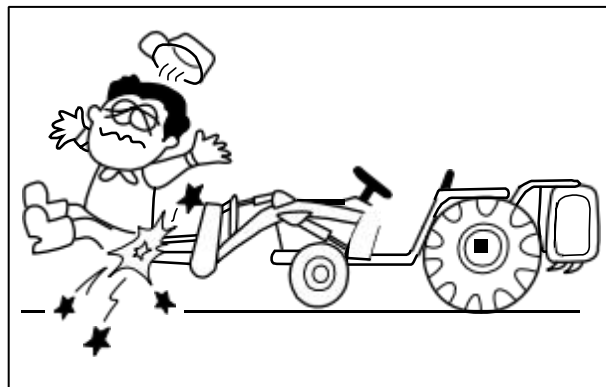


必ず読んでください

Make sure that the bucket is on the ground before turning off the tractor.

Please select a flat bottom for parking.

Make sure that the tractor and the hydraulic valve are in the neutral position



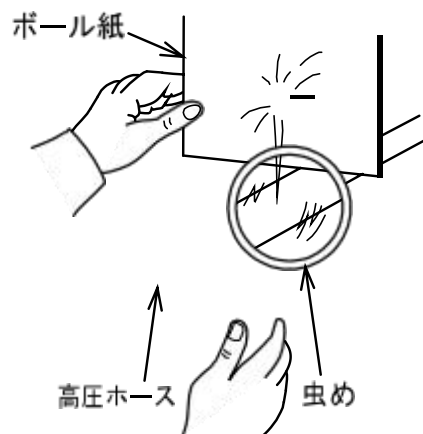
In case of oil leakage during operation.

Please do not touch the high-pressure oil with your hands.

Flameout immediately

The bucket lands on the ground.

Release the pressure of high-pressure oil before maintenance



The cargo does not rise above necessary





Turn on your lights at night or in the dark

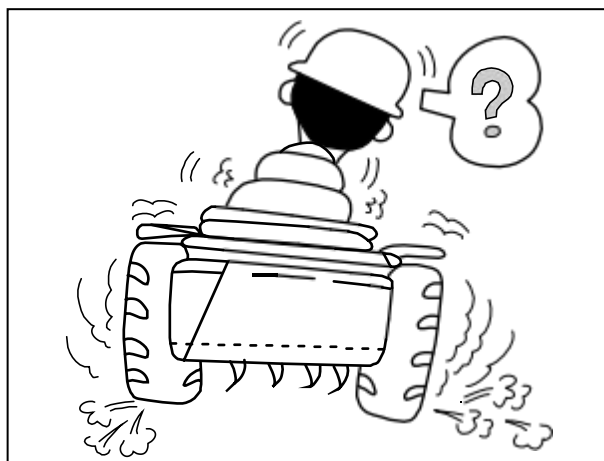
Please don't work when you can't see clearly around.

必ず読んでください

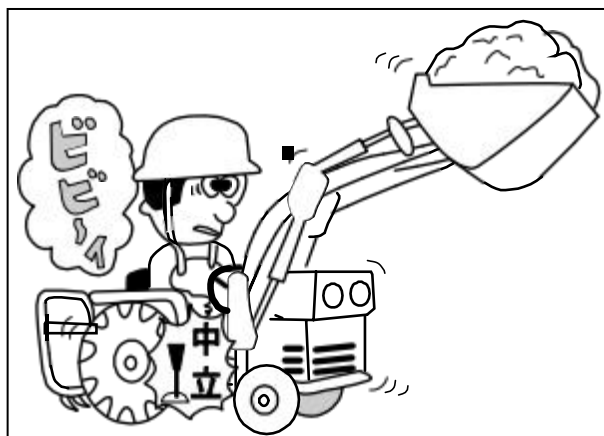


### 取扱注意

If the tractor and loader activities are abnormal.  
Please shut down the engine immediately!



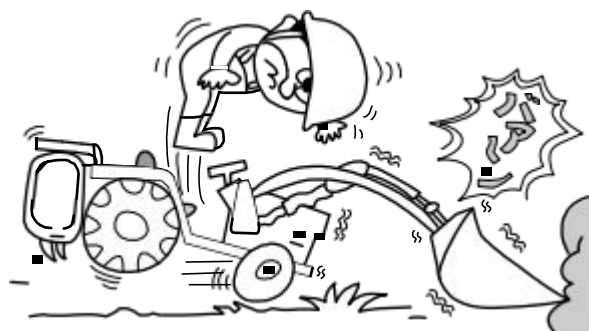
### 取扱注意



## 取扱注意

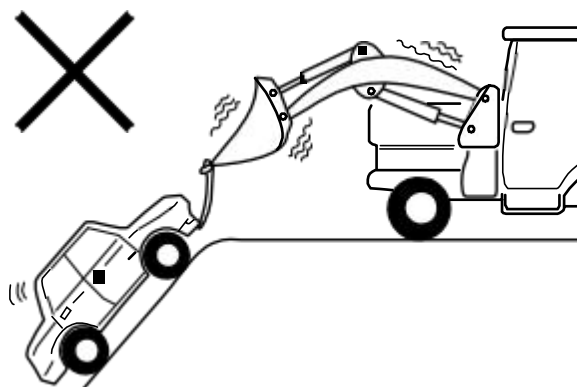
When the loader is driving on an uneven road,  
please do not exceed 4km/h

必ず読んでください



## 取扱注意

PLEASE DO NOT USE THE LOADER FOR TOWING



## 取扱注意

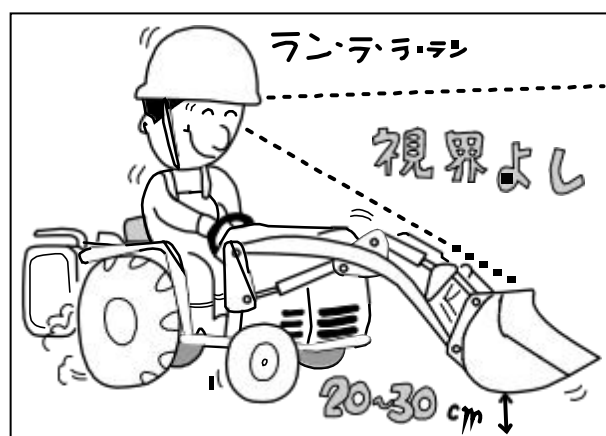
● WHEN THE LOADER IS LOADING CARGO。

Keep a good view.

Vehicle speed is lower than 4km/h

Bucket 20-30cm above the ground

Do not operate the hydraulic valve at will



## 取扱注意

The continuous use time shall not exceed 5 hours

Check each screw and pin every 50 hours。

必ず読んでください



## 補 足

At the end of the cylinder stroke, release the operating lever immediately.

Do not brake suddenly during loading operation

When loading, please lift the rear counterweight above the level

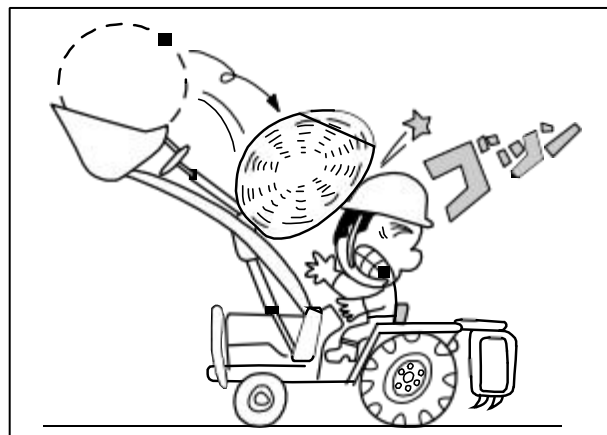
Do not repair or adjust during operation

必ず読んでください



Please be sure to select special assistive devices.

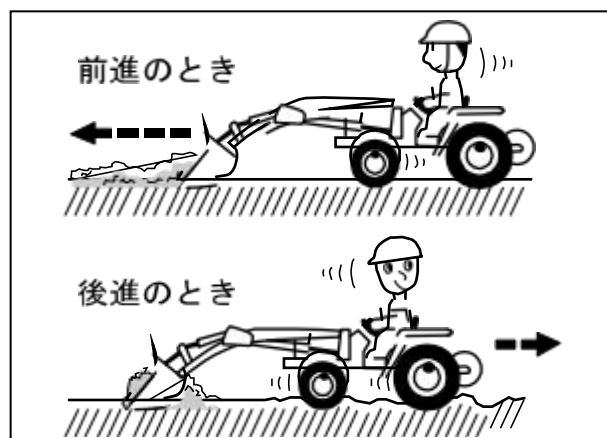
Do not use a bucket to load round loads



### 取扱注意

Do not set up the bucket for excavation or flat ground operation.

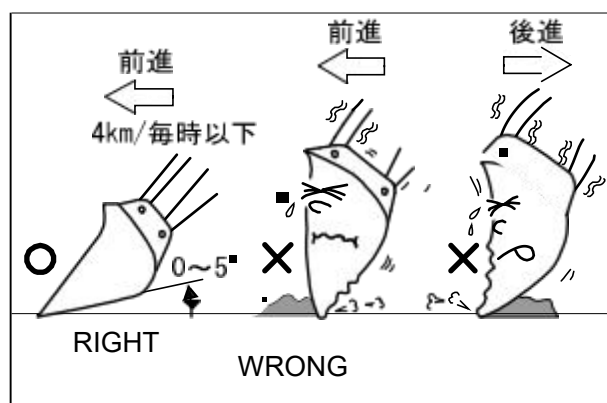
Keep the bucket level when bulldozing or leveling



### 取扱注意

The angle between the bottom of the bucket and the ground is 0-5°.

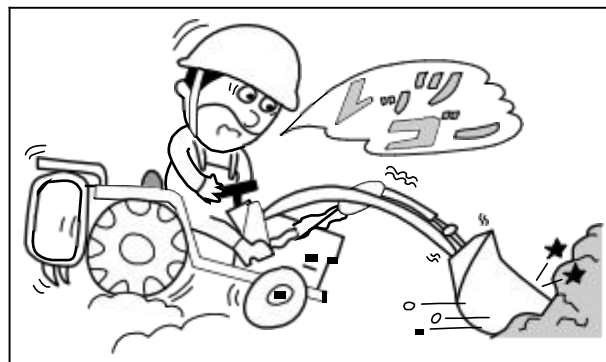
Excessive bucket angle will damage



## 取扱注意

必ず読んでください

The bucket is mainly used for agriculture.  
Used for handling soft soil, sand, stone, etc  
Not suitable for  
excavating hard soil machine rock, etc.

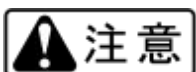
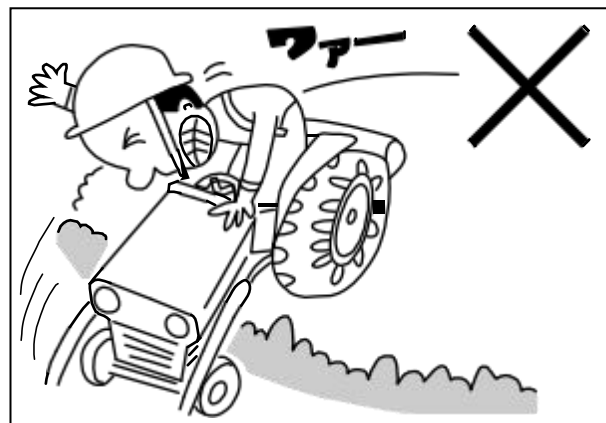




必ず読んでください



Please try not to carry out slope operation



DO NOT DRIVE ON ROAD  
BEFORE TAKE OFF THE LOADER

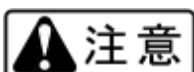
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必ず読んでください

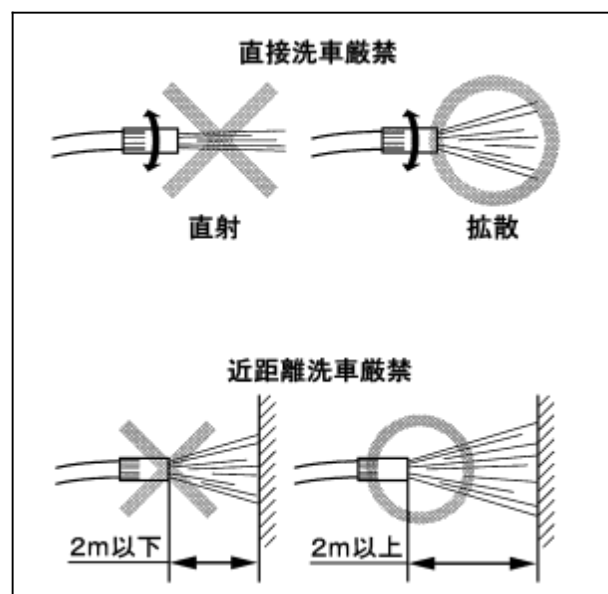


When overhauling under the loader.  
Do not loosen the oil pipe or operate  
the hydraulic components

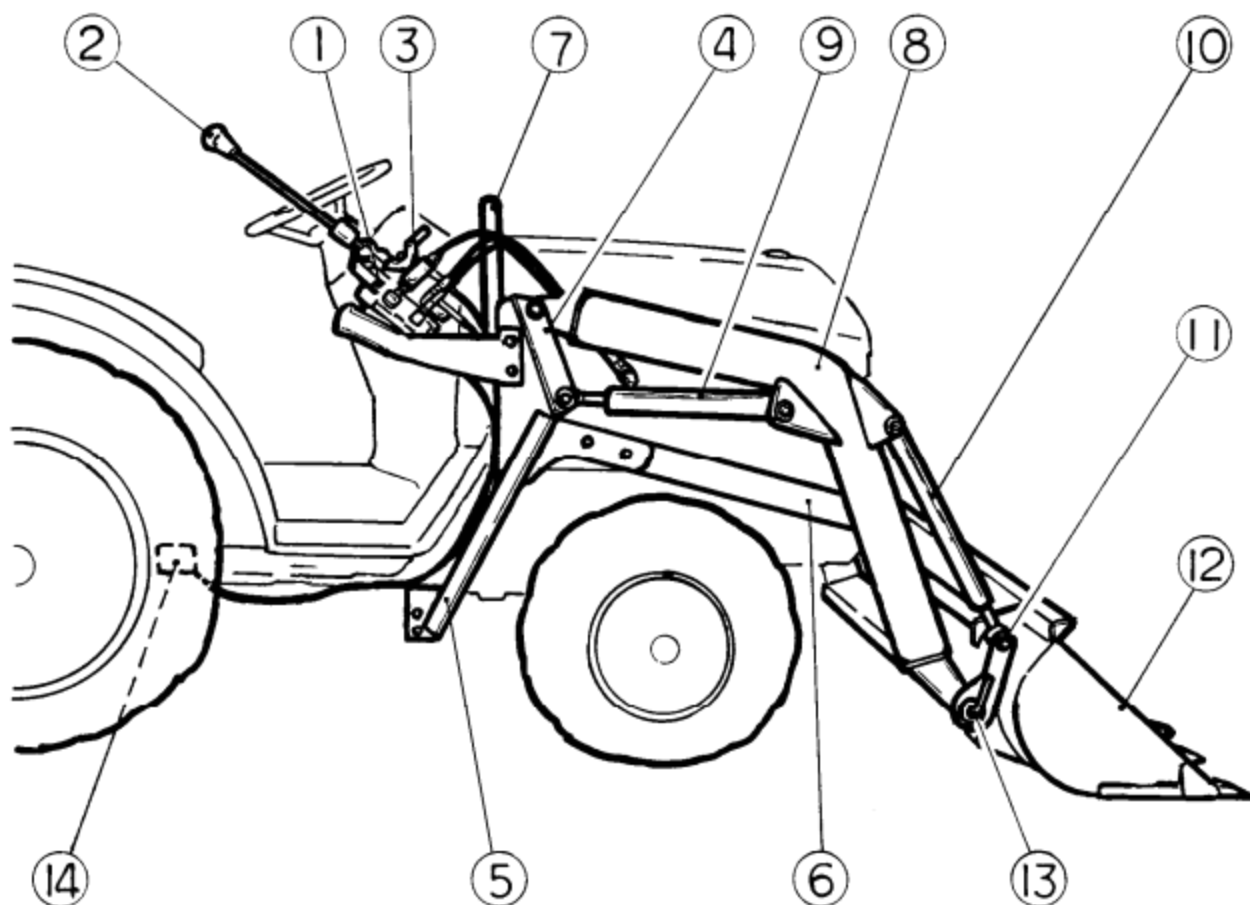


When the loader is cleaned,  
the cleaning nozzle of the high-pressure cleaner  
is enlarged

Spread out, please leave more than 2 meters away



# PARTS NAME



① Control valve

② lever

③ Relief valve

④ Arm frame

⑤ Subframe

⑥ support

⑦ valve support

⑧ Arm

⑨ Arm cylinder

⑩ Bucket cylinder

⑪ Connector

⑫ Bucket

⑬ Pin

⑭ Hydraulic pipe