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■ Bonnet and a safe cover open

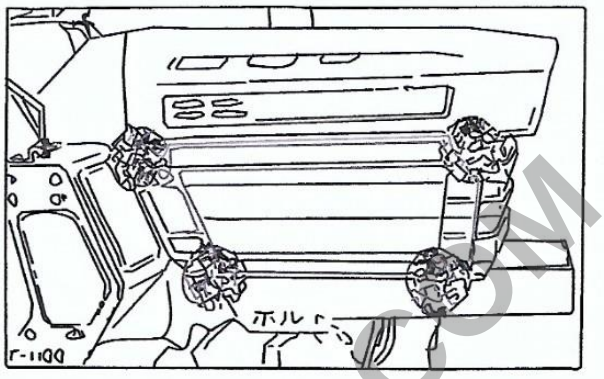
(1) When Locke lifts a loser when pull bonnet credit metal fittings, a bonnet opens.

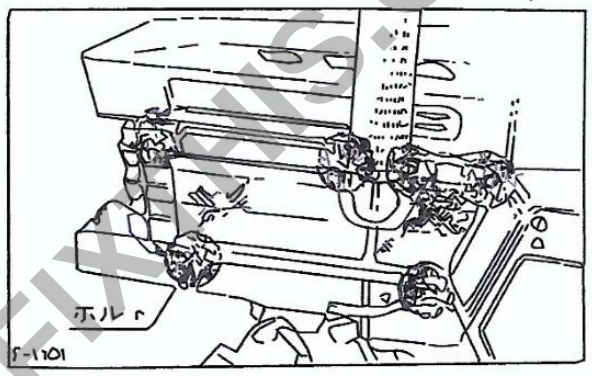
(2) Lock a bonnet with a bonnet stopper when open bonnet.

When closed, please do shut after lifting a bonnet stopper in an arrow direction.

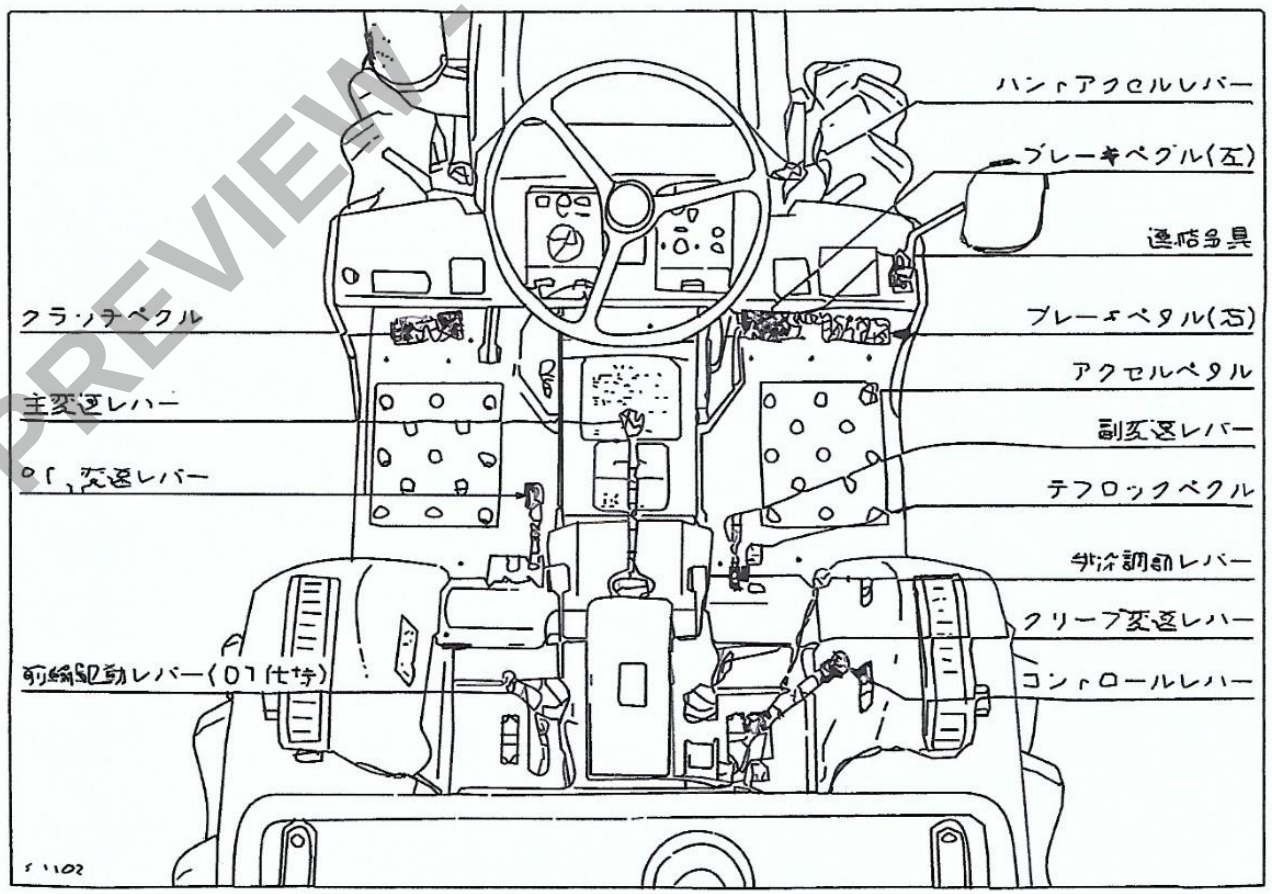



(3) When remove disassembly of safe cover right and left just to take off a bolt.




## Operation Equipment




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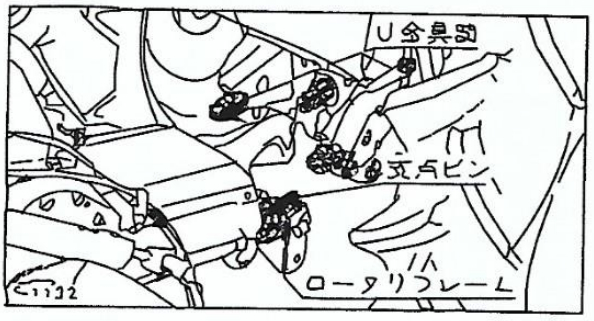
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## The way of installing rotary

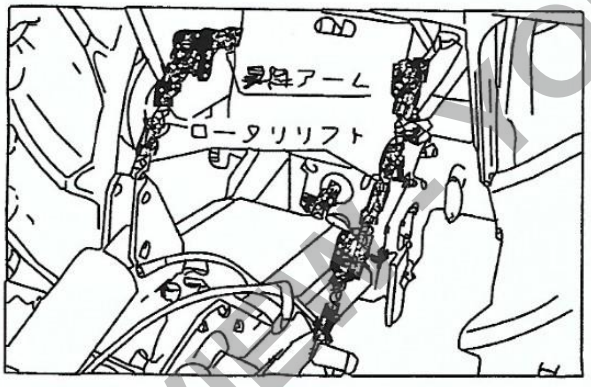
It chooses the flat place at the floor and it is possible to do it in the way which is opposite to the removal but it can be installed in pipe single using the hydraulic pressure, too.

● Until the installation point of the rotary equipment contacts the installation point of the tractor, it is possible to mean a tractor by the sternway.

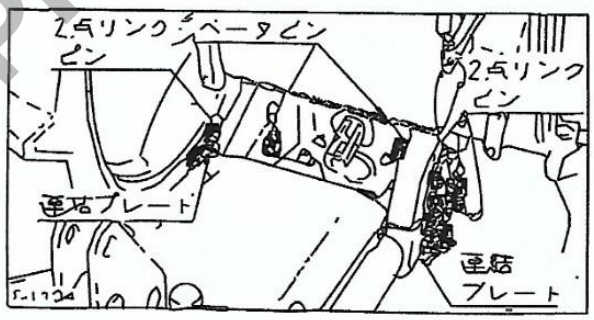
● It adjusts the fulcrum pin of the rotary frame to the U metal fitting part of two link pula blankets.




● With the control stalk, it lowers a going-up and down arm to the full and it connects a going-up and down arm and a rotary lift on either side head-attached tightly with the beta pin.




● When the connection ends, it lifts a rotary part by about 10 cm with the control stalk and it boils connection plate each other in the connecting pin hole and it stops a connecting pin with the insertion. beta pin.

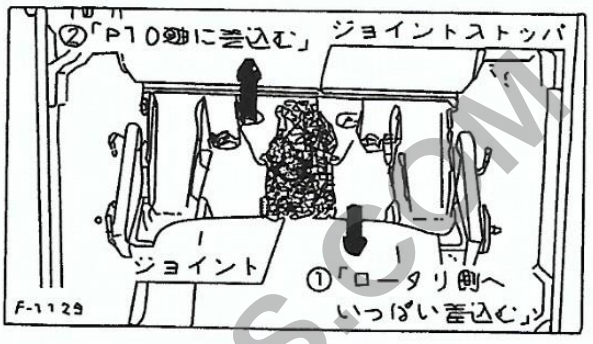



● It inserts a joint in the side of the rotary to the full, it suppresses and it sets a joint stopper in the PTO axis.

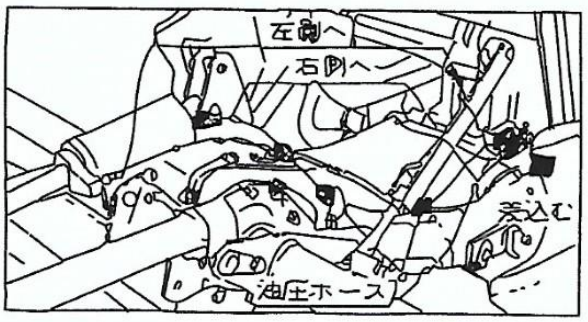
【 Note 】

(1) When it is difficult for Joint Stopper to operate, it moves lightly when oiling.

(2) Confirm whether or not the joint stopper telescopes into the gap of the axis surely.

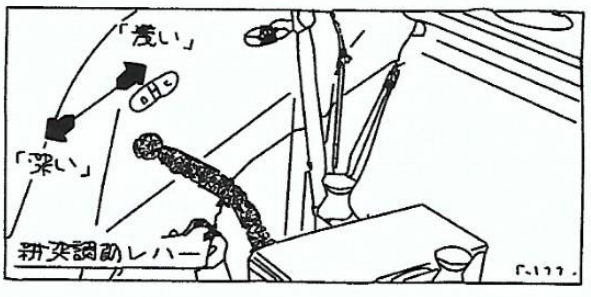



● It connects the hydraulic hose of the tillage depth control. 【 Note 】 (1) Because it is dividing into the gold and the black, connect with the joint with the same color. Be careful because the direction of the operation of the depth of plowing control lever becomes opposite when the connection of the hose becomes opposite. (2) It pushes the turnip ( joint ) of the hydraulic hose into the nipple ( the joint ) on the side of the tractor and it connects it.




(3) It be possible to do, that it is easy to connect between the nipple ( the side of the tractor ) and the coupler ( the side of the rotary ) with. one hand but when it is difficult, don't do by force. ( Damaging an O-ring and causing the oil leakage when doing by force )

(4) When the connection is solid, it is lightly made when connecting after making a tillage depth control lever operate by the top and the bottom.




● Ascertain a rotary equipment-item and hitch a chain to the suitable position.

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## The regular inspection part list

According to the following regular inspection table, always implement regular inspection.

### Safetv Point

When doing refueling and an inspection and maintenance, put a tractor on the flat wide place. Also, do after stopping an engine then, hanging a parking brake, hanging the chain which prevents the fall of the rotary, placing a wooden stand and so on under the nail axis more and confirming safety. It sometimes causes a life accident when neglecting it.

| No. | Check Item | The hour meter display time ( It exchanges every following time ). | | | | | | | | | | | From the day of purchase | | reference page |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 35 | 50 | 100 | 150 | 200 | 250 | 300 | 350 | 400 | 450 | 500 | 1 year | 2 years | |
| 1 | The cleaning of the exchange hydraulic pressure oil filter of the transmission oil | | @ | | | | | ○ | | | | | | | 32, 34 |
| 2 | The exchange of the engine oil | @ | | ○ | 175 hours | | ○ | 325 hours | | ○ | 475 hours | | | | 32 |
| 3 | The oil replenishment by the steering gearbox | | | | ○ | | | ○ | | | ○ | | | | 32 |
| 4 | The changing-oil of the front defense gear case 【 The DT specification 】 | | @ | | | | | ○ | | | | | | | 33 |
| 5 | The changing-oil on the drive-axle case right and the left ( DT specification ) | | ○ | | | | | ○ | | | | | | | 33 |
| 6 | The changing-oil of the bevel gear case 【RS form 】 | | @ | | | | | ○ | | | | | | | 33 |
| 7 | The changing-oil of the rotary case 【 The RS form 】 | | ○ | | | | | ○ | | | | | | | 33 |
| 8 | The changing-oil of the rotary case 【 The RK form 】 | | ○ | | | | | ○ | | | | | | | 34 |
| 9 | The exchange of the engine oil filter cartridge | | | | ○ | | | ○ | | | ○ | | | | 34 |
| 10 | The exchange of the fuel filter element | | | | | | | | | ○ | | | | | 35 |
| 11 | The cleaning of an air cleaner element | | | ○ | | ○ | | ○ | | ○ | | ○ | | | 36 |
| 12 | The exchange of the air cleaner element | | | | | | | | | | | | Every 6 times | | 36 |
| 13 | The looseness check by the return pipe installation screw of the hydraulic pressure, and fuel and fuel | | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ | | | 37 |
| 14 | The looseness check by the coolant-hose tightening band | | | | ○ | | | ○ | | | ○ | | | | 37 |
| 15 | exchange of the pipe of the return of fuel | | | | | | | | | | | | | ○ | 37 |
| 16 | exchange of the coolant-hose | | | | | | | | | | | | | ○ | 37 |
| 17 | exchange of the battery cap | | | | | | | | | | | | | ○ | 37 |
| 18 | wash inside the radiator | | | | | | | | | | | ○ | | | 36 |

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| No | Checking Item | The hour meter display time ( It exchanges every following time ) | | | | | | | | | | From the day of purchase | | Reference page |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 35 | 50 | 100 | 150 | 200 | 250 | 300 | 350 | 400 | 450 | 500 | year | 2years | |
| 19 | Injecting part of grease● Link fulcrum pin either side of two the front axle left and right 【2WD】 ● clutch pedal ' ● brake pedal ● pedal axis ● rear 2 ring support left and right ● | | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ | o' | ○ | | | 38 |
| 20 | grease injecting by the clutch operator hub | | | | | | | ○ | | | | | | | 39 |
| 21 | grease injecting by the rotary side frame 【 The RS form 】 | | @ | ○ | | ○ | | ○ | | ○ | | ○ | | | 39 |
| 22 | application of grease to the spline part of the joint | | ○ | o | ○ | o | ○ | ○ | ○ | ○ | ○ | ○ | | | 39 |
| 23 | grease injecting by nose wheel hub (2WD) | | | | | | | ○ | | | | | | | 39 |

Always do @ mark after use for 50 hours for 35 hours in average

**The case that the engine is a problem and the compatible**

If the condition of the engine is sometimes bad, diagnose by the following table and do appropriate compatible.

| Phenomeno | Cause | Compatible |
|---|---|---|
| When the start is difficult in the engine | (1) Fuel doesn't flow. | (1) It checks a fuel tank and it removes settled impurities and moisture.<br>(2) It checks and it exchanges a fuel filter if dirty. |
| | (2) Air and water are mixing with the fuel iniecting. | (1) It checks and it exchanges for the new article and it repairs a pipe and a band with the total beforehand if there is damage.<br>(2) It pulls out air. (Page 31 reference) |
| When incapable to come out | (3) The oil viscosity is high at the time of the cold season cold sake and the revolution around the engine itself is heavy. | (1) It pours boiling water into the radiator.<br>(2) It switches oil in the temperature. ( In the winter, it uses D10W30 ). |
| | (4) There is not a force where the rotary force crosses compression, becoming weak at the battery or in the rising touch. | (1) It charges in the battery.<br>(2) It starts using the decomp equipment. |
| case to have stopped suddenly | (1) The fuel shortage | (1) It refuels.<br>(2) It examines fuel system. ( Specifically, it is note at the aeration ). |
| exhaust color is bad | (2) The eye stuff of the air cleaner<br>(1) The fuel shortage<br>(1) Fuel is bad quality. | (1) It cleans an element.<br>(1) It refuels.<br>(2) It examines fuel system. ( Specifically, it is note at the aeration ).<br>(1) It exchanges to high quality fuel.<br>(2) It makes regular oil quantity. |
| When overheatin | (2) It passes in the entering of the engine oil.<br>(1) Because cooling water became equal to or more than 100 ° C | (1) The check of the quantity ( lacking ) and the water leaking of cooling water<br>(2) The check of the tension ( the looseness ) of Juan belt<br>(3) The cleaning of an insect screening |

☆ When not understanding, consult the purchase shop and the agricultural cooperative to have bought.

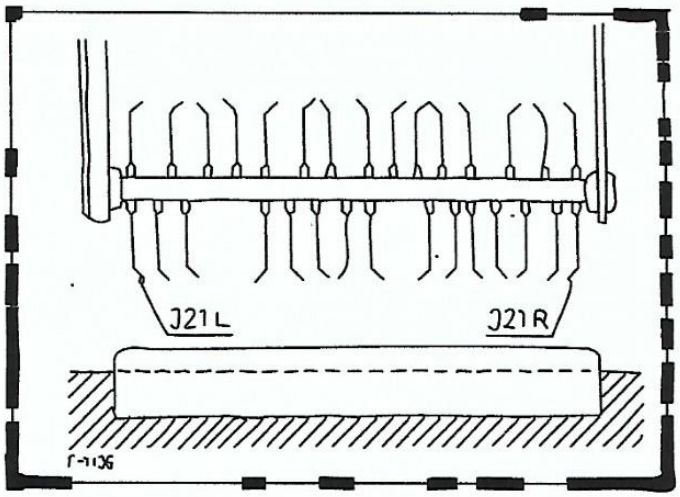
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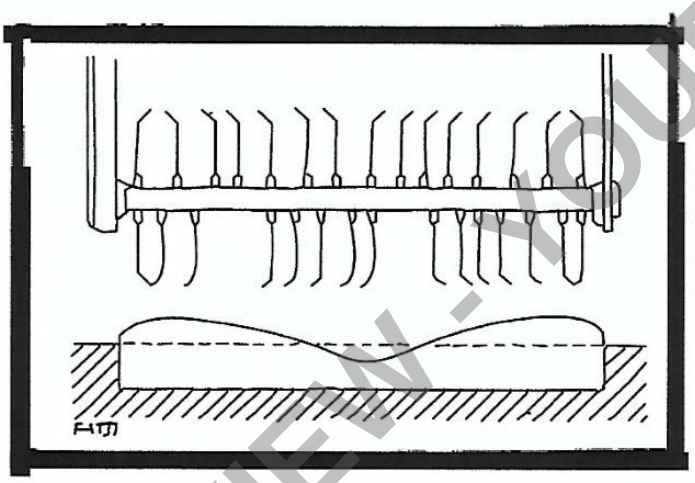
## The way of installing

the tiller tines of side drive 【 RS type 】

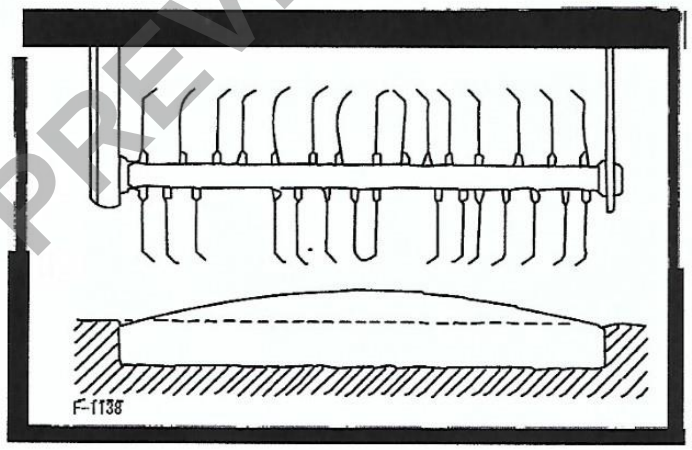
● In case of Flat Tilling




● It flat breaking yeah destroys in the ridge



■ When doing by the inside flower

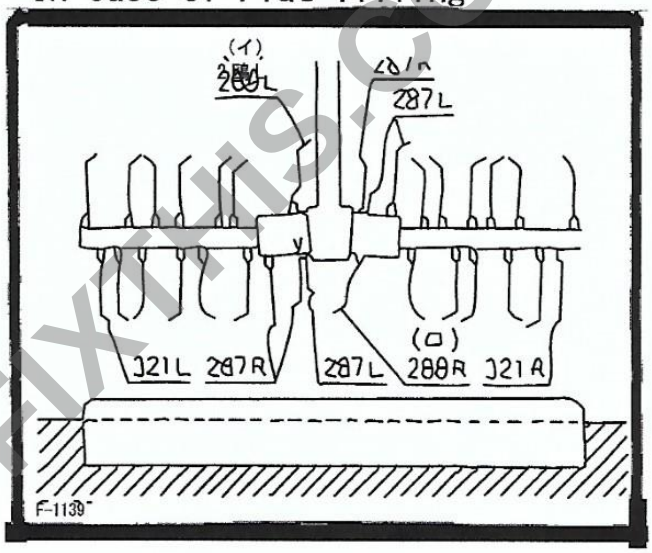



## The way of installing

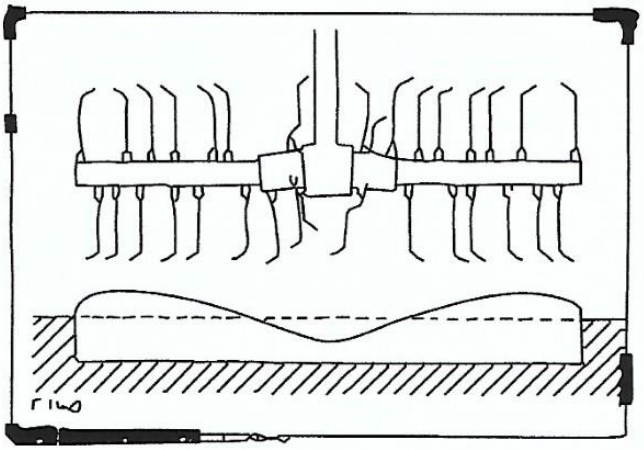
Tiller Tines of Side Drive (RK type)

he full-cut method is providing an inclination nail axis.
The tilling nail inclines in the chain case lower part and gets to type and balance tilling generates no kind of ground.

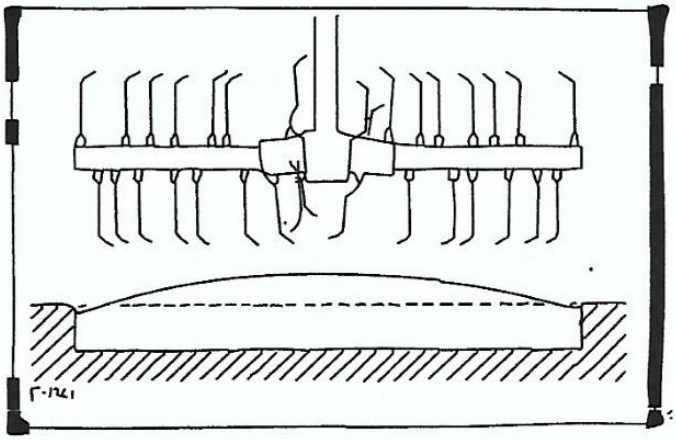
In case of Flat Tilling




● It flat breaking yeah destroys in the ridge



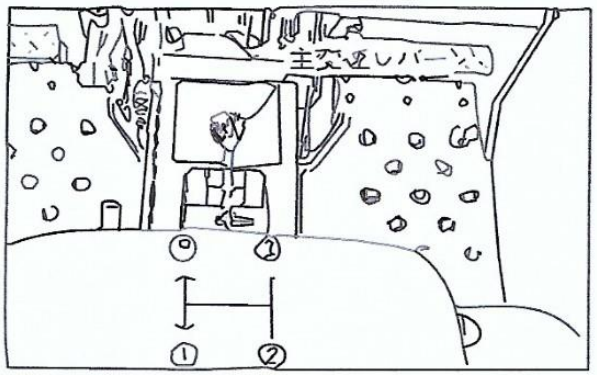
■ When doing by the inside flower

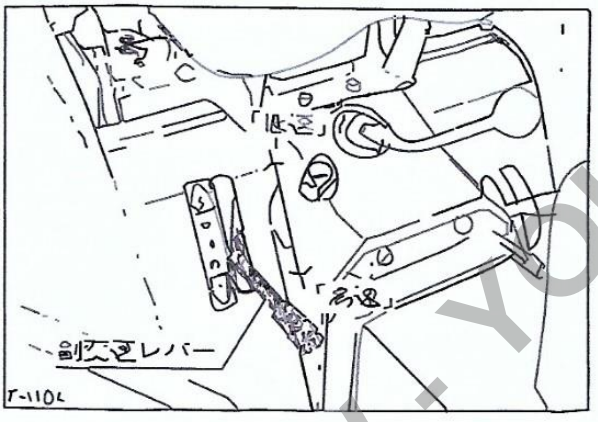


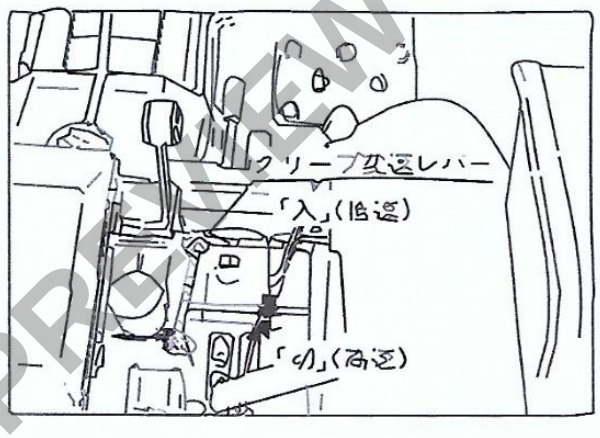
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■ The main gearshift lever
■ A vice-gearshift lever
■ A creep gearshift lever
It provide by putting three levers together whether it is tractor speed of 12 steps of forward / four steps of reverse

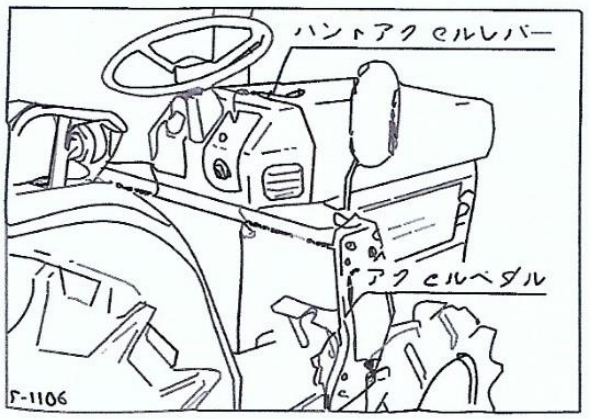



◆ How to use super low speed [creep speed]
Super low speed (creep speed) causes trouble when I take the wrong use and handling.
Please use it after attention about next.
(1) Usable work
● in case deap caltivating / fine soil tiller work by a rotary.
● When use for hard soil by normal speed.
● It work on transplant by a planter.
● Work (limited for agriculture) by a trencher for agriculture.
● Loading in to a car, loading and unloading.
(2) The work that It cannot use(It cause trouble)
● It work on escape from a submergence state in an ill-drained paddy.
● Traction / trailer work.
● Front loader work.
● Front blade work(The snow-removal work.)
● Engineering works work.
● Comings and goings to Field.
(3) When It use super low speed (creep speed).
Please protect next by all means,
● Shifting please perform a lot of clutches after stepping.
● Please perform departure after taking off an emergency brake by all means.
● A stop. Please take Break after cutting a clutch by all means.
【Attention】
● Because rotary power of an axle becomes very strong at super low speed (creep speed), It do not hear brakes even if I strongly step on only a brake pedal. It cause trouble.

■ A hand accelerator lever and accelerator pedal hand accelerator re are ruined……It use it at the time of farming mainly.
An accelerator pedal……It use it at the time of a road run mainly.
·· which an accelerator pedal links an accelerator lever, and step in pedal
……An engine turn is finished.
It separate a foot from a pedal……An idling state.




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