クボタトラクタ

取扱説明書

210 · 230 · 250 · 270 · 300 · 330 360 · 430

210H·230H·250H·270H·280H

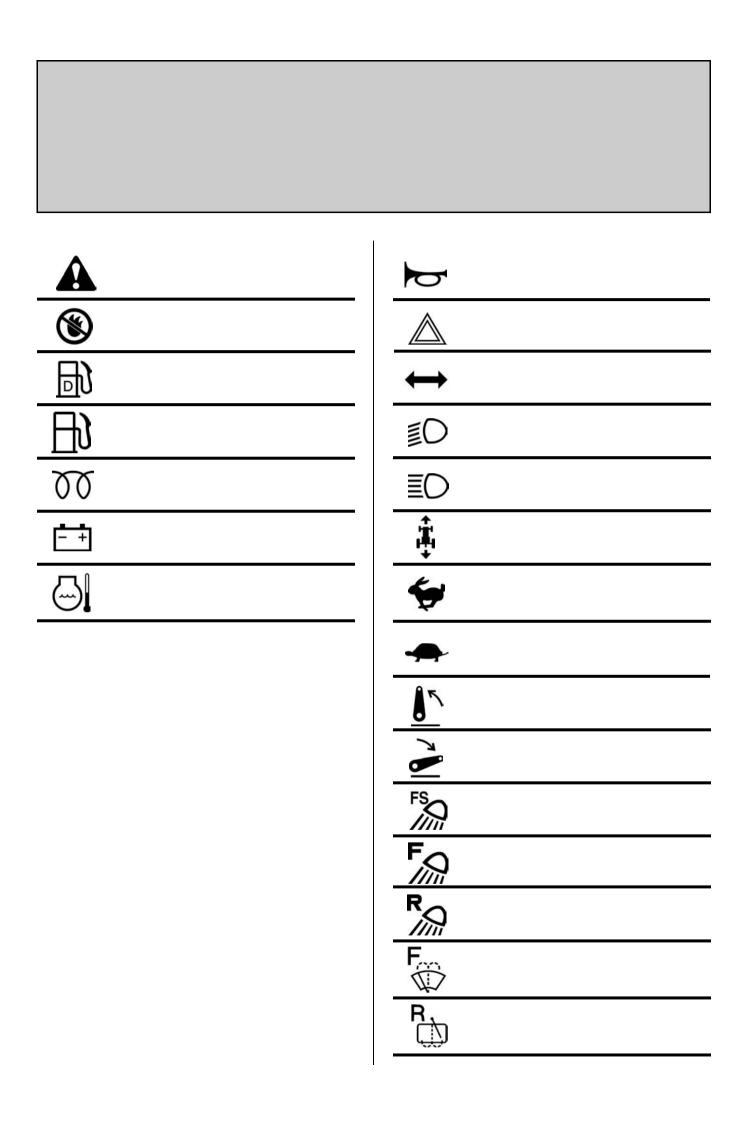
310H-340H-380H-410H-460H

500H·550H



ご使用前に必ずお読みください いつまでも大切に保管してください





INTRODUCTION

This time was Thank you for purchasing the Kubota products. This manual is correct method of handling the product, it describes the simple inspection and maintenance. Is well understood by our read carefully before use, to demonstrate the purchase of the product is superior performance, and safe, please take advantage of this booklet for a comfortable work. Also, Please read is taken out when there was that always carefully preserved After reading, I do not know. In addition, due to design changes in the product, because there is a case where the contents of this manual and the purchase of the product does not match, please note.



safety first

Label where there is a display of the flaps on the Notes and the matine described in this document, is an important item that risk of injury is considered. Please observe always in a good read. It should be noted that, or fouling display label, if you were peeling ordered the purchase of the purchase, please be sure to put in place.

Precautions Display

In this manual, the handling precautions that are considered especially important, displays in the following manner.



If you do not observe the precautions, it lists the things that will result in death or serious injury.



If you do not observe the precautions, it indicates that even there is a risk of death or serious injury.



If you do not observe the precautions, it indicates some of the risk of incurring the injury.



If you do not observe the precautions, it indicates also of a risk of machine damage or failure.



Others, shows the supplementary explanation to help on the use.

Block registration (Japanese)

Specifications

In this instruction manual, so it displays the products of different specifications, as described below, after the product specifications for the purch ase up your 確Me, thank you do not make a mistake. It should be noted that the description KL250 It was used as a base, KL250 Handling is different from the case and will have been added explanation each time.

A KL210 specification by the engine output (PS), KL230 specification, KL250 Specifications KL270 specification, KL300 specification, KL330 specification KL270D specification, KL300D specification, KL330D specification KL360 specification, KL430 specification KL210H specification, KL230H specification, KL250H specification KL270H specification, KL280H specification, KL310H specification KL340H specification, KL380H specification, KL410H specification KL460H specification, KL500H specification , KL550H specifications A By mission format U shift (F) specification manual Non-clutch transmission manual transmission shift specification A With a safety cab Safety cab specification safety With a safety frame frame specifications A Monroe, with auto MA specification A Monroe Auto / with draft MAD Specifications A House specification tractor With standard tire wide with KL330-T specification special tire KL330-TW specification A Orchard specification tractor Orchard-only (with standard tires) orchard only KL250 · 300-KS specification (with wide tires) orchards, rice fields combined KL250 · 300-KSW specification (With standard tires) orchards, rice fields dKL250 · 300-K specification ombined (With wide special tires) ... KL250 · 300-KW Specifications A Pawakuro specifications PC Specifications (PC1: single ladder, PC2: high lag, PC3: narrow)

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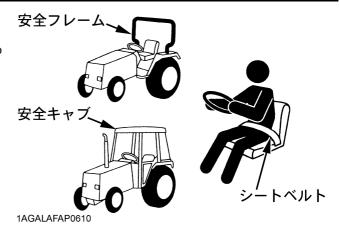
Before using the machine, with the understanding read CAREFULLY this "Instruction Manual", please refer to the safe work. To help you to work safely, the precautions that should be observed by all means, but is as follows, in addition to this, in the text

↑ 危 険 - ↑ 警 告 - ↑ 注 意 In 乘 要 ase械s ...

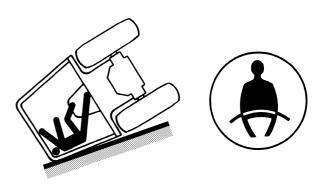
It picked up.

Safety cab, the safety frame

Safety cab, safety frame has been made to reduce the damage of the accident when the event tractor to tip over, do not prevent the fall accident. Observe the precautions, you should try to safe driving.

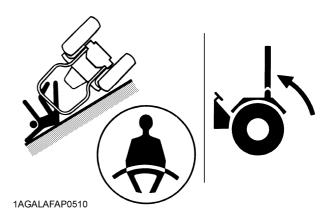


1. During operation Please remember to always use the safety cab or safety frame and the seat belt.

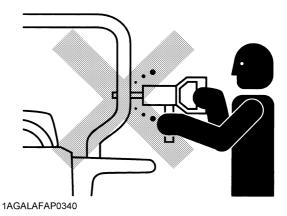


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- 2. safety frame Do not drive to remove the beam.
- 3. out or the like of the barn, unless the safety frame is hit, the time of operation is always safety frame Te stand, please use to lock securely. In a state in which the folded safety frame, when the tractor is a fall event, does not the role eyes of safety frame.
- If you made a safety frame, please always use the seat belt during operation. In the folded state, do not use the seat belt.
- collapse the safety frame, to Rutoki or stand is a flat place, be sure to lower the working machine to the ground, stop the engine, please be performed from over the parking brake.



6. Please do not modify the safety cab or safety frame. In addition, damage that affects the strength, if the song Rinado occurs, please replace.



Before operation

- Before moving the tractor, read the display label on the instruction manual and machine work machine is a tractor and mating, please drive with an understanding.
- tractor, when to lend to others working machine, also, when to luck rolling, pre-teaching example how to drive, please to read this book.
- Please do not absolutely operation to people and children that the contents of this document and label can not understand.
- 4. When there is bad drinking at the time and physical condition, Rutoki have been sick or pregnant, do not drive a tractor.



5. Please do not wear baggy clothing or bulky clothing.

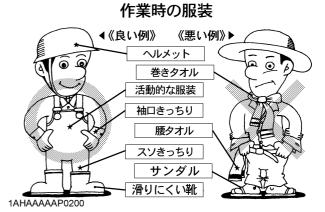
Caught in the rotating parts and steering equipment will be the cause of the accident.

- For safety, helmet, safety shoes, please use as needed such as Me protection Neya gloves.
- Please do not modify the tractor. When remodeling, it will also lead to just one injury affect the function of the tractor.
- 7. Please do not use the tractor, the working machine in a state of removing the safety cover class.

Lost or damaged parts must be replaced.

Brake, clutch, if there are parts that are worn or damaged perform daily inspections, such as steering and safety equipment, please replace. In addition, please go check a loose regularly bolt and nut. (Detail is **BRIEF care of the tractor and the treatment**] See chapter)

8. Please keep the tractor is always cleaning. Battery, wiring, if there is such as adhesion of dust and fuel to the muffler and engine periphery cause of the fire.



At the time of start-up

1. Before starting the engine, Ri always seat to seat, shuttle lever · PTO gear shift lever

[Neutral] Whether, also, Please check the parking brake is applied.

You can start the engine standing on the ground, please do not start the engine by directly connecting the safety switch and starter terminal.

Tractor There is a risk that suddenly begins to move.





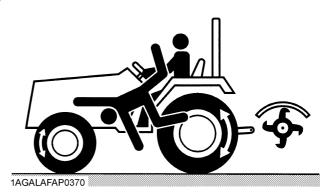
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3. Start the tractor, to review the front, rear, left and right when driving, please do not close the people (especially children) in the vicinity. If there is a risk that the rotary or moving the vehicle and the transmission gear is that contains becomes accident or by rotation. In addition, please also check the squid obstacle is such that corresponds to the safety cab and safety frame.



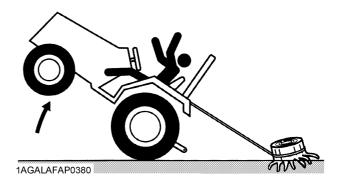
At the time of operation

 Please do not operate the door Rakuta put a person other than the children, of course driver. In addition, please drive always sitting in the seat.



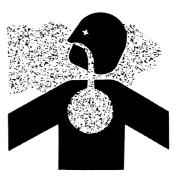
2. The tow work, have use a towing hitch (sold separately), please do not pull in, such as axle and top link bracket to the absolute.

Cause of the tractor of corruption and subversion.



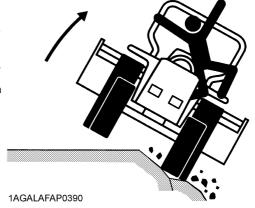
3. ventilation with insufficient place, please do not chopsticks warm-up operation and work.

By the exhaust gas is on could lead to carbon monoxide poisoning.

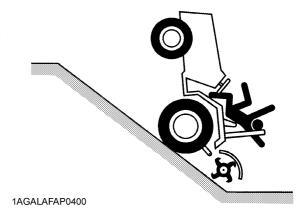


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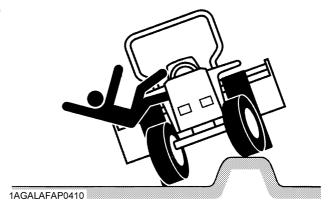
4. groove and close to the hole, please do not operate is where the shoulder such as easy to shift the weight Do of the tractor. Also, was the place and such as in the puddle that Shigeru' of grass, there is a case where there is a depression not hidden, it may fall to the tractor falls. Please make sure to always get down from the tractor is such a place.



- 5. You can escape in the forward of the groove and muddy place, and climb in the forward a steep hill there is a danger that the tractor is to overthrow the rear. In such a place, please operation in the back.
- 6. When you are working jointly, by Kakea' the voice, please let me know that you are trying to each other.

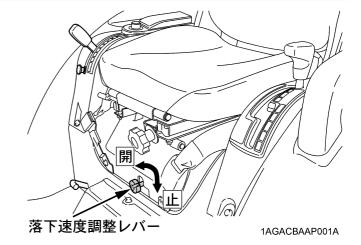


7. In such out of Hojo, beyond the upstream down and groove steep, please proceed perpendicularly to the low speed. At that time, the left and right of the brake pedal and consolidated be sure to check the release of the differential lock.

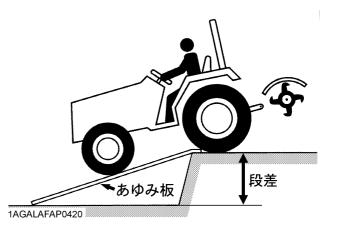


8. In Ho curb, sure to prevent dropping of the working machine by the hydraulic lock (stop) at a falling speed adjustment lever.

If as possible tightening to slow direction and lock (stop).

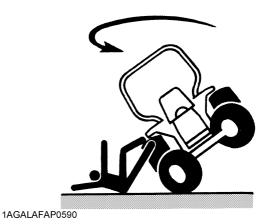


- 9. In such out of Hojo, and climbing up and down a large steep height differences, if the groove beyond is required, use the Ayumi plate, please take line at a low speed from them securely.
 - Ayumi plate, please use a more than four times the length of the step.
- 10. Because it is dangerous if you shift in the way, such as overcoming of out-ridge to loading the product down, Hojo to the steep hill and vehicles, please drive to put in advance a safe slow speed change position.



11. at the time other than or high-speed driving Hojo, the use of double-speed turn and AD double-speed turn, there is a risk of causing a turn when suddenly around the accident. Always traveling mode change-over switch [2WD] Or

[4WD] Please switch to.



At the time of the working machine use

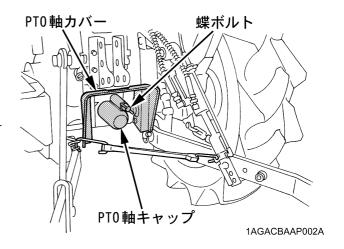
- attachment and detachment of the working machine, please be performed in the flat and in a safe location.
- and when you get off the tractor, when the mounting and removal, adjustment, cleaning or repair of the rotary such as the PTO working machine, please wait until it stops to complete the work machine.



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- 3. If you do not want to use the PTO, please keep wearing the PTO shaft cap.
- 4. again that we keep in PTO shaft cover is always attached.
- 5. PTO working machine, please do not use the PTO or more revolutions, which is defined in the working machine. There is a risk of damage or injury of the machine.



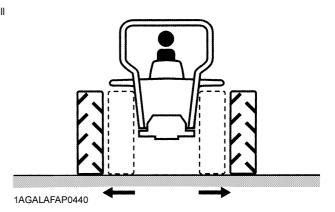
- 6. When mounting the tractor rear work equipment, and instrumentation Bei balance weight to load on the steering-up wheels (front wheels) is more than 20% of the total weight, please use.
 - When the front is too light, there is also a fear of maneuver is difficult will fall accident.
- 7. working machine, please use the ones that are recommended to the tractor.

Or too large, and too small to bad working machine of the balance is rising Do not have to damage or personal injury of the machine.



Please consult place of purchase for more information.

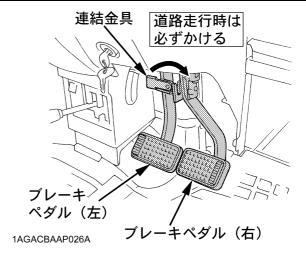
8. slope work, in such front-loader work, in order to improve the stability, it will increase the wheel distance (distance between the center of the tire) in the range does not interfere again.

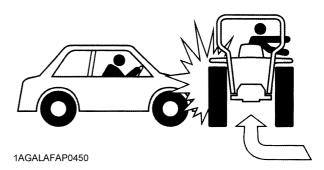


At the time of the road running

1. during road travel, please connect the left and right of the brake pedal.

Accidentally in high-speed driving by applying a single brake and door Rakuta will carry the risk of swung fall or traffic accident.

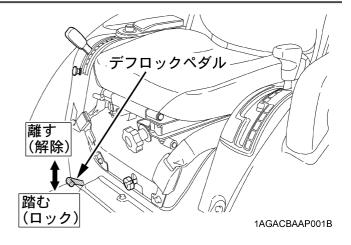


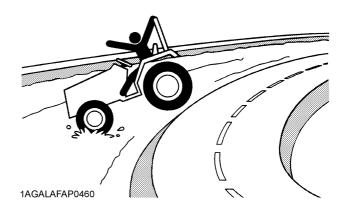


A In order to work safely

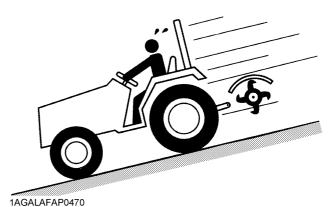
- 2. Please not use the differential lock when road travel is absolutely.
 - Handle operation is no longer possible.
- 3. Please drop the speed of the tractor before turning.

When turning at high speed may cause the tractor to tip over.





- 4. When you get off the hill, turn off the clutch, please do not travel by inertia and the shift to neutral. There maneuver is a risk that can not be.
- 5. The tractor can not be traveling on a public road wearing the working machine. When traveling by mounting a working machine (safety standards for Road Vehicles Act), resulting in an accident hooking such as the other cars and utility poles.
- 6. Please observe the traffic and safety regulations. Driver's license, please be sure to carry.

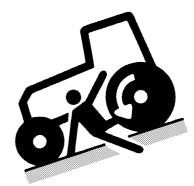


Parking, at the time of storage

1. When you park, the tractor is to choose the location where you want to stability in the flat, the PTO [OFF], A working machine [Down], Each gear shift lever [Neutral], The parking brake [Hanging], The engine [Stop] Please remove the key was.

If you must park on a slope, please refer to the bollard to tire.

- The deposition location of dry grass and straw, such as combustible material, please do not park.
- 3. If you put a sheet on the tractor in such stores, please take a line from sufficiently cold muffler and engine.



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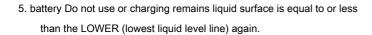
At the time of inspection and refueling and maintenance

- parked in the flat place, a working machine [Down], Parking
 The car brake [Over], Each gear shift lever Medium standing] To, and be sure to stop the engine.
- Please to inspection and maintenance from such as the engine, muffler radiator is example enough cold. There is a risk of burns.



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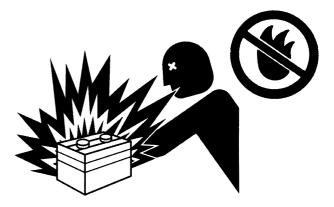
- 3. When you are charging the battery or when refueling, or smoke, please do not close the fire.
 - The battery is flammable gas is generated during charging, there is a danger of fire ignition or explosion.
- When starting to connect a discharged booster cable to the battery, please follow it carefully read the handling method.
 (Chapter of the starting and stopping of the engine [Batteria Reno treatment] See)



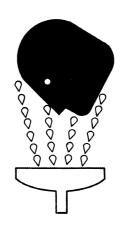
The deterioration of the site of the internal battery and continue to use in the LOWER following is promoted, not only shorten the life of the battery, she may cause an explosion.

Please be rehydration between the UPPER LEVEL (upper limit) and LOWER LEVEL (lower limit) immediately. (Rehydration possible battery)

- When removing the battery, order to prevent a short circuit accident, initially outside the negative code of the battery, when you connect should be connected to the last.
- 7. battery fluid is careful when handling because the dilute sulfuric acid, please do not put in the body or clothing. If you adhere to the eyes and body wash immediately with water, please seek medical attention immediately.



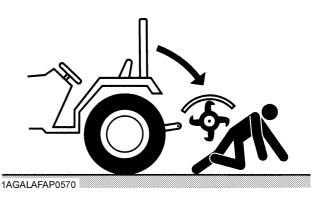
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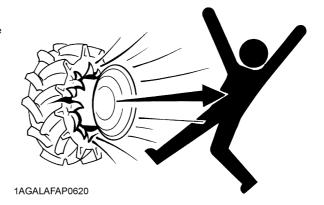
1ARAEABAP0140



8. If you carry out the inspection and maintenance in a state of increasing the three-point link working machine, please lock (stop) to always work machine with a drop speed adjustment lever that it does not fall off. A pawl with a suitable jack or blocks with locks (stops), please perform the drop prevention.



- 9. air pressure in the tires, please sure to observe the specified pressure that has been described in the instruction manual. Only entry of air will cause the cause the death wound accident there is a risk of tire burst.
- 10. There is a scratch on the tire, if the wound has reached the code (thread), please do not use. There is a risk of tire burst.
- 11. Replace and repair, such as tires and tubes, rims, please be sure to consult purchase. (As performed by the person who received special education, it has been determined by the law.)



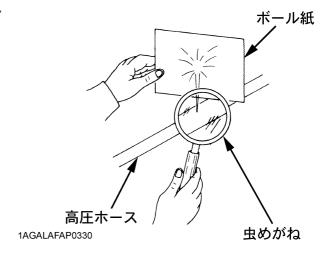
12. takes pressure jetted oil, there is a degree of force to penetrate the skin, cause of injury. When removing the hydraulic parts, be sure to remove the residual pressure.



1BAACAAAP0100

13. When looking for oil leakage from a small hole that can not be seen, over the protection glasses, please use such as cardboard.

Should, when the oil is passed through the skin, so there is a risk of allergic of strength, please immediately seek medical attention.



- 14. throw away the waste without good reason, and incineration, lead to environmental pollution, it might be punished by law.
- * If you pull out the waste from the machine, will receive the container Please.
- * Uninterruptedly and rivers to the ground, lakes, throw to the ocean Please do not disposal.
- * Waste oil, fuel, coolant (antifreeze), refrigerant, solvent,

 Filter, battery, discarded rubbers, other hazardous materials, or
 when incinerated, suppliers, or consult the industrial waste
 disposal, etc., please processed according to a predetermined
 rule.

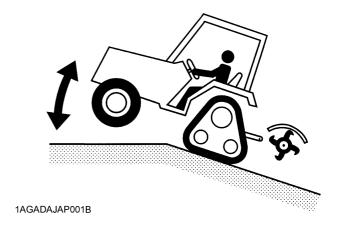


1BJABAAAP018B

In the case of Pawakuro specification

The following content [Pawakuro Specification We describe the special considerations in the case of. In terms of reading and understanding well in conjunction with the above-mentioned notes, please refer to the safe work.

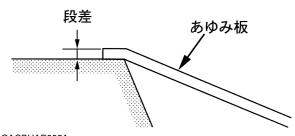
- At the time of operation
- Please do not absolutely high speed traveling at a lot of irregularities and curves. There is Kunar fear that can handle operation.
- 2. When the crawler unit overcome the projections, please be careful suddenly attitude is because the change.



- In History plate during use
- Ayumi plate Align the left and right of the front end, please be securely fixed so as not to shift back and forth.
- 2. step between multiplied Ayumi plate and Ayumi plate surface is large, extremely careful operation.
- Because it is dangerous to speed on the way, please drive at a low speed to put in advance a safe slow speed position.
- 4. Ayumi plate, sufficient strength, width and length (slope length equal to or less than 15 degrees: bed height of the track, or Hojo driving into 4 times the height) Noah Rusuberi with stop and pawl use the ones, please choose a location that does not or inclined plate Ayumi by the weight of the path Wakuro.

• And out of the Hojo

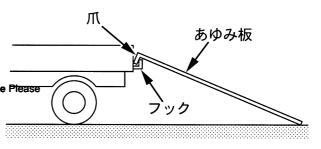
 If only one side of the crawler became a state in which there is no Riagara ride caught on the step, once back in the vehicles, please try again from the beginning again over Ayumi plate.



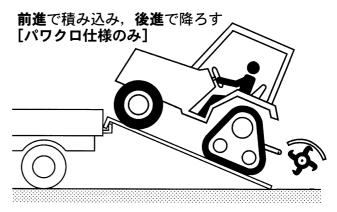
• Loading-unloading of the track

- 1. track, please use the ones marked with a hook that put the nail plate History in bed rear.
- 2. loading-unloading of the track, always left and right of the probe

Rekipedaru [Linking] And, Loading in the forward, drop off in reverse Please give me. When you get off in advance, crawler slip at the step of Ayumi plate, the vehicle is turning to float the front wheel, there is a risk leading to a fall accident.



1AGACBUAP003A



1AGACBUAP004A

Display labels and attaching position

(1) 品番 3F740-9828-2



(Five**品番** T1060-4954-1



火傷の恐れがあるのでエンジン 30分おくこと

(6) 品番 3M740-9821-1 [KL460H 500H 550H]*

注意

点検・整備時に、後輪だけを地面 から浮かせた状態にしてエンジン を始動させないで下さい。

ブレーキを踏むと前後輪を連結 **状態にする機構になっている為、** 前輪が回転しトラクタが動き出す 恐れがあります。

(7) **品番** T0180-4958-1



(8) 品番 T1060-4955-1



指を切傷するので ファン、ベルトに 触れないこと。



サイドカバーを外した まま使用すると傷害の 恐れがあるので、取付 けて使用すること。

(2) 品番 T1060-4905-1



転倒による死傷事故を 防ぐために、圃場以外 では倍速、AD倍速を 使用しないこと。

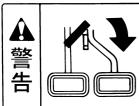
(3) 品番 T1060-4964-1 [MA MAD

仕様

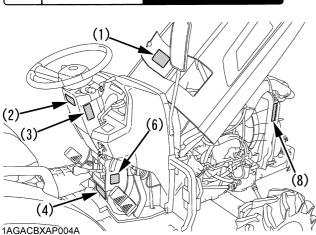


ポンパは圃場内作業のみに使用 の昇降を油圧レバーで行

(Fou**品番** T1060-4903-1



転倒や衝突による 死傷事故を防ぐ は左右のブレーキ ペダルを連結する



(9) 品番 T0180-4965-2

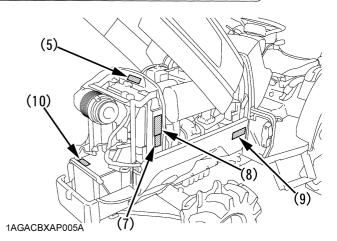


ラクタが突然動きだす恐れがあるため゛

- 也上に立って、エンジンを始動しないこと

(Ten) 品番 T1060-3009-1

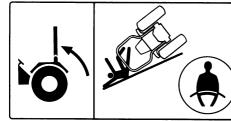






品番 T1060-4901-1

[安全フレーム仕様]



告

転倒、転落による死傷事故軽減のために:

- 納屋の出入りなど安全フレームが当たる場合を除き、 運転時は安全フレームを立て、確実にロックして使用すること。
- ●安全フレームを立てたとき、必すシートベルトを着用すること。
- ●安全フレームを折った状態では、シートベルトを着用しないこと。

傷害事故防止のため、取扱説明書を読み理解して正しい取扱いをしてください。 始動時

注

- ●シートにすわり、PTO及び各変速レバーを 中立にすること
- 前後左右に人がいないことを確認すること
- ●運転者以外に人を乗せないこと
- 意
- 排気ガスによる一酸化炭素中毒の恐れがある ので換気の不十分な所で使用しないこと
- ●溝や穴のちかく、路肩など重みでくずれ やすい所では運転しないこと
- 道路走行時はデフロックを使用しないこと

運転時

- ●急な坂道、積込み積降ろし、圃場の出入り、畦の乗 越え等では遅い車速で運転し、途中で変速しないこと
- 道路走行は道路運送車両の保安基準に適合すること (詳細は取扱説明書を参照)

駐車時

- ●PT○及び各変速レバーを中立にし、作業機を地面に 降ろし、駐車ブレーキを掛け、エンジンをとめること 点検、整備時
- ●エンジンをとめ、機械の各部が停止してから行うこと
- ●3点リンク作業機持ち上げ時は油圧ロックをすること

(2) **品番** T0273-6497-1 (1)

[安全フレーム付きUシフト仕様]

注 意

- 温始動時∪シフトでの発進遅れ 異常ではないので変速を入れたまま降りないこと 遅れて動き出しキケンです
- 傾斜面での∪シフト変速 ・急斜面で∪シフト変速を行うと、滑走する恐れ があるので、低速で走行し、途中変速しないこと

(3) 品番 T1060-4959-1



- 巻込まれによる死傷事故を防ぐために
- ●PTO軸回転中は近づかないこと
- ●PTO軸を使用しないときは PTO軸キャップを装着すること

(Five**品番** T1060-4904-1



転倒による死傷事故を防ぐために、 けん引は、けん引ヒッチを使用し、 車軸やトップリンクブラケット等で 行わないこと

(2) (3)1AGACBAAP005A

(Fou**品番** T1060-4968-1



- PTO軸カバー を取りはずさな いこと。
- ●PTO軸カバー の上に乗らない يح ح



(1) **品番** T1063-4932-2 [Uシフト仕様]





駐車後にトラクタが動く恐れがあるため 必ず駐車ブレーキをかけること。 本機は変速ギヤを入れていてもエンジンを とめるとエンジンブレーキはききません。

(2) **品番** T1060-4927-1 [KL210 - 230 - 250 -270 - 300 - 330 - 300D -330D - 360 - 430 - 210H -

230H - 250H - 270H - 280H -

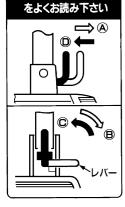
310H - 340H

安全フレーム仕様]

⚠ 注意

安全フレームを折り たたんだり、立てたり する時は、下記の手順 を守ること。

- 1. エンジンを止める 2. 作業機をおろす
 3. 駐車ブレーキを かける
- レバーの操作方法
- ●安全フレームを 折りたたむ時は ABの順にレバー を倒して下さい。 (左右とも外側へ)
- ●立てる時は ©®の順にレバー を操作し、レバーを 確実に前方へ 押し込んで下さい。
- ●詳しくは取扱説明書



(2) **品番** T1150-4927-1 [KL380H - 410H - 460H -500H 安全フレーム仕様]

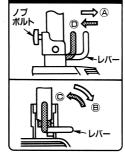
A 注意

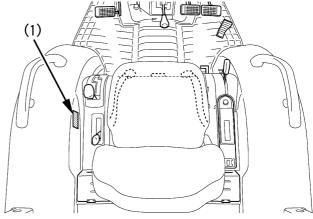
安全フレームを折り たたんだり、立てたり する時は、下記の手順 を守ること。

- 1. エンジンを止める 2. 作業機をおろす
- 3. 駐車ブレーキを かける

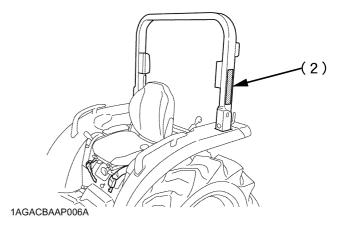
レバーの操作方法

- 安全フレームを 折りたたむ時は ノブボルトを緩め ABの順にレバー を倒して下さい。 (左右とも外側へ)
- 立てる時は立での の順にレバーを 操作し、確実に 前方へ押し込んで からノブボルトを 締めて下さい。
- ・詳しくは取扱説明 書をお読み下さい。





1AGACBAAP074F





(1) **品番** T1065-4902-2 [安全キャブ仕様]

注 意

傷害事故防止のため、取扱説明 書を読み理解して正しい取扱い をしてくたさい

- ●シートにすわり、PTO及ひ 各変速レハーを中立にするこ
- ●前後左右に人かいないことを 確認すること

運転時

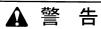
- ●運転者以外に人を乗せないこ
- ●排気カスによる一酸化炭素中 毒の恐れかあるのて換気の不 十分な所て使用しないこと
- ●溝や穴のちかく、路肩など重 みてくすれやすい所ては運転 しないこと
- ●急な坂道、積込み積降ろし、 圃場の出入り、畦の乗越え等 では遅い車速で運転し、途中 で変速しないこと
- ●道路走行時はテフロックを使 用しないこと
- ●道路走行は道路運送車両の保 安基準に適合すること(詳細 は取扱説明書を参照)

駐車時

●PT○及ひ各変速レハーを中 立にし、作業機を地面に降ろ し、駐車フレーキを掛けエン ジンをとめること

点検、整備時

- ●エンジンをとめ、機械の各部 が停止してから行うこと
- ●3点リンクで作業機持ち上け 時は油圧ロックをすること



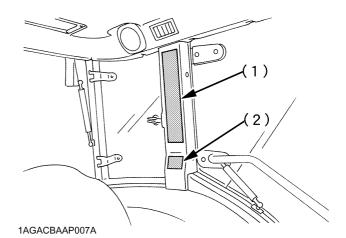


転倒、転落による死傷 事故軽減のために、 運転時は必ずシート ベルトを着用すること

(2) 品番 T1068-4933-1 [安全キャブ付き Uシフト仕様]

低温始動時 リシフトでの発進遅れ 異常ではないので変速をいれたまま 降りないこと、遅れて動き出し

走行し途中変速しないこと。





Care of the display label

- 1. label, please do not hurt in the always beautiful. If If the label is dirty, wash with soap and water, please wipe with a soft cloth.
- 2. When the car wash in the high-pressure washing machine, there is a possibility that the label is peeled off by the high-pressure water. Please do not put on the label the high-pressure water directly.
- 3. damaged or lost labels, order the product purchase, please Hagae to the new label.
- 4. If you put a new label, completely wiping the dirt of joining face, after drying, please put to the original position.
- 5. when the label is to replace the parts that are affixed with the new parts, the label also must be replaced at the same time.

For service and warranty

This product, please good look before you use Because it is written guarantee is attached.

Your consultation

Ordering of have One to failure and of your findings and services in use, its place of purchase who purchase respectively [Consultation counter] Please consult your mind light so we provided. It has been described in the case nameplate

- 1. model name
- 2. serial number

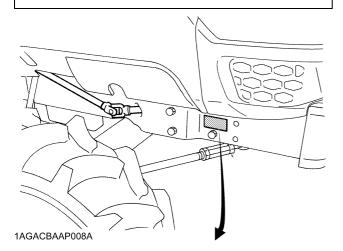
Please contact us together.

It should be noted that, when the parts your order, so we have to prepare a genuine bill of the purchase, please consult in there.



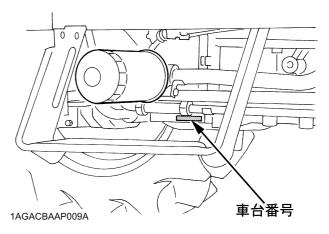
* Since the machine of remodeling is dangerous, not modify

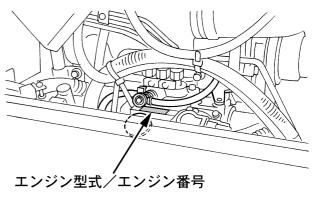
Please give me. If different from the remodeling was the case and instruction manuals in predicates base was correct intended use, since the subject outside of the manufacturer's warranty Please note Kedah again.





1AGACBAAP121A





1AGACBAAP010A

The supply term of repair parts

The supply term (date) of the repair parts of the product shall be the 12 years after the end of production. However, even within the supply term is to or per special parts, there is also a place case where I am allowed to consult about the delivery time.

The supply of spare parts will be completed in principle the above-mentioned supply term, but in the case where even after the supply term there is your request of parts supply, we will consult with the delivery time and price.

Agricultural machinery Model name	Model inspection (Kuniken) pass number
Kubota KSQ25 (safety cab)	203007
Kubota KSQ250 (safety cab)	203008
Kubota KSQ33 (safety cab)	205020
Kubota KSQ34 (safety cab)	203010
Kubota KSQ41 (safety cab)	204002
Kubota KSQ43 (safety cab)	204003
Kubota KSQ50 (safety cab)	204034
Kubota KSQ410PC (safety cab)	204014
Kubota KSQ500PC (safety cab)	204015
Kubota KSF25 (safety frame)	203011
Kubota KSF250 (safety frame)	203012
Kubota KSF33 (safety frame)	205023
Kubota KSF34 (safety frame)	203014
Kubota KSF41 (safety frame)	204005
Kubota KSF43 (safety frame)	204006
Kubota KSF50 (safety frame)	204007

Agricultural machinery Model name	Safety appraisal compatibility numbers	Small special motor vehicle model name	Type approval number
Kubota KL210	28041	Kubota SA-KL1A	Agriculture 2292 No. retrofit
Kubota KL230	28039	Kubota SA-KL1B	Agriculture 2293 No. retrofit
Kubota KL250	28037	Kubota SA-KL1B	Agriculture 2293 No. retrofit
Kubota KL270	28035	Kubota SA-KL1C	Agriculture 2294 No. retrofit
Kubota KL300	28032	Kubota SA-KL1C	Agriculture 2294 No. retrofit
Kubota KL330	28030	Kubota SA-KL1C	Agriculture 2294 No. retrofit
Kubota KL300D	30080	Kubota SA-KL1E	Applying
Kubota KL330D	30079	Kubota SA-KL1E	Applying
Kubota KL360	29012	Kubota SA-KL1D	Agriculture 2340 No. retrofit
Kubota KL430	29009	Kubota SA-KL1D	Agriculture 2340 No. retrofit
Kubota KL210H	28040	Kubota SA-KL2A	Agriculture 2295 No. retrofit
Kubota KL230H	28038	Kubota SA-KL2B	Agriculture 2296 No. retrofit
Kubota KL250H	28036	Kubota SA-KL2B	Agriculture 2296 No. retrofit
Kubota KL270H	28034	Kubota SA-KL2C	Agriculture 2297 No. retrofit
Kubota KL280H	28033	Kubota SA-KL2D	Agriculture 2298 No. retrofit
Kubota KL310H	28031	Kubota SA-KL2D	Agriculture 2298 No. retrofit
Kubota KL340H	28029	Kubota SA-KL2E	Agriculture 2299 No. retrofit
Kubota KL380H	29011	Kubota SA-KL2F	Agriculture 2341 No. retrofit
Kubota KL410H	29010	Kubota SA-KL2F	Agriculture 2341 No. retrofit
Kubota KL460H	29008	Kubota SA-KL2G	Agriculture 2342 No. retrofit
Kubota KL500H	29007	Kubota SB-KL2H	Agriculture 2343 No. retrofit
Kubota KL550H	29095	Kubota SB-KL2J	Agriculture 3031 No. retrofit
Kubota KL270-PC	-	Kubota SA-KL1C	Agriculture 2294 No. retrofit
Kubota KL330-PC		Kubota SA-KL1C	Agriculture 2294 No. retrofit
Kubota KL410H-PC	29059	Kubota SA-KL2F	Agriculture 2341 No. retrofit
Kubota KL500H-PC	29058	Kubota SB-KL2H	Agriculture 2343 No. retrofit
Kubota KL270D-PC	-	Kubota SA-KL1E	Applying
Kubota KL330D-PC		Kubota SA-KL1E	Applying

^{*} You can read the page 177-192 test report.

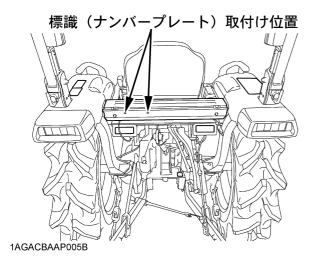
This tractor is applicable to small-sized special vehicles of the Road Transport Vehicle Act

Mounting of the notification and labeling of small special automobile acquisition (license plate)

Newly Any person who becomes the owner of the small-sized special motor vehicles, the city by the village ordinance, to deliver that the acquisition was in municipal government office, must be delivered accept the label (license plate).

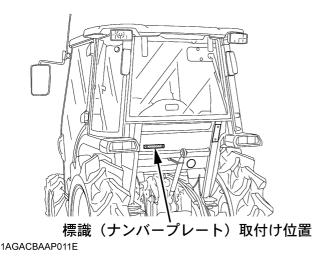
Procedures by the municipalities, the details will differ somewhat, please consult your place of purchase.

- When you buy a small special vehicles, to such as sales certificate (issued by suppliers), to report the light vehicle tax in Attachment Ete municipal government office.
- 2. The report is need and labeling (license plate) is attached exchange.
- 3. labeling (license plate), please attached to the body of the mounting position.
- Safety frame specifications

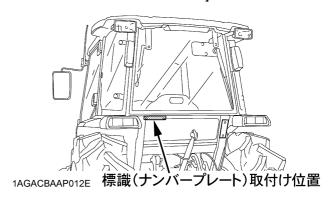


Safety cab specification

[KL210 · 230 · 250 · 210H · 230H · 250H]



[KL270 · 300 · 330 · 300D · 330D · 360 · 430 · 270H · 280H · 310H · 340H · 380H · 410H · 460H · 500H · 550H]



■ driver's license

If you are traveling on a public road, you must have the following of a driver's license. Please be sure to possession.

Type formula	License
KL210,230,250,270,300, 330,300D, 330D, 360,430, 270D-PC, 330D-PC	License that can drive a small special car
KL210H, 230H, 250H, 270H, 280H, 310H, 340H, 380H, 410H, 460H, 500H, 550H, 270-PC, 330-PC, 410H-PC, 500H-PC	License that can drive the large-sized special motor vehicles

重要

* KL210H, 230H, 250H, 270H, 280H, 310H, 340H, 380H, 410H, 460H, 500H, 550H, 270-PC, 330PC, 410H-PC, 500H-PC is true in a small special car on the Road Vehicles

Act, Road Traffic Law

In apply to large-sized special motor vehicles. Therefore, when traveling on a public road, **OPERATION license of large special car** Is required.

■ For liability insurance

In preparation for the event of a traffic accident compensation, it is recommended that subscribed to any insurance.

重要

* Do not touch the place that has been sealed by the engine

Please give me. (If it is deemed seal has been removed, it
does not do any of warranty.)

補足

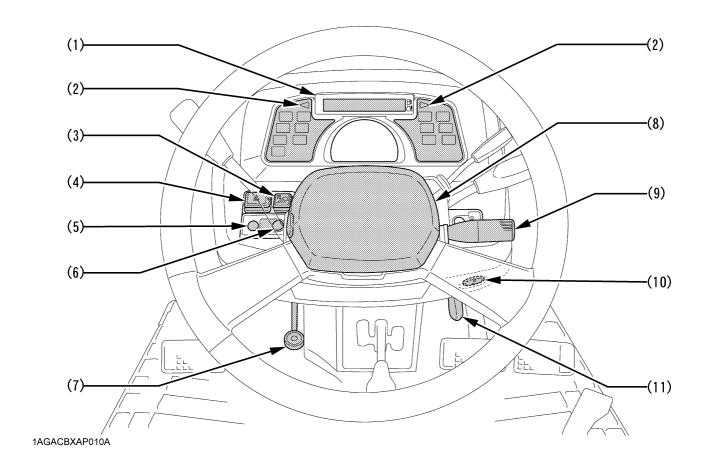
* In a state in which the in-pull instrument was attached [Road luck

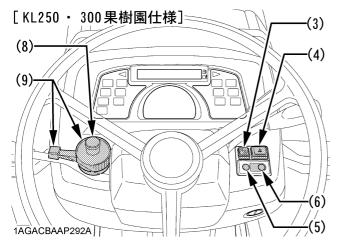
Safety standards for transmission Vehicle Law] Because it does not satisfy, you will not be able to road travel. * Working lights, including the front side working light [road

Safety standards for transport vehicles] In Article 42 (restriction of such color lights), [Lights that do not use while driving]

Is a, point lights of the road while driving from the fact that when road travel while lighting the interference of other transportation vehicle is prohibited.

Please understand the correct names and functions of each device. If there is a question, please refer to the reference page that is noted in its name.

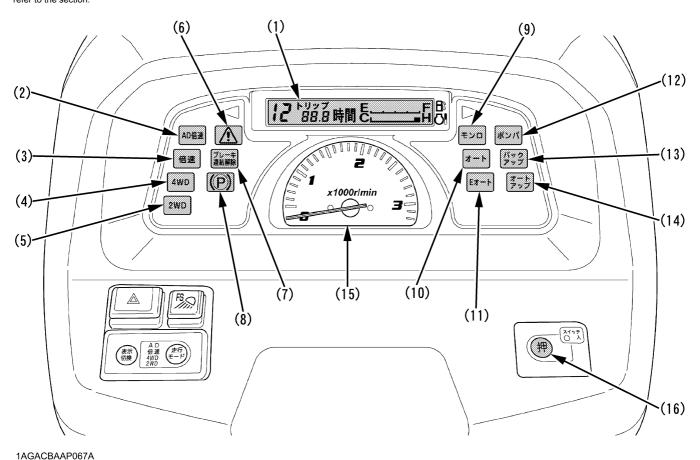




See page
(1) Electronic meter 37 (2) turn signal
warning light 22 (3) front side working light switch
24 (4) hazard switch 23 (5) display change-over
switch 38 (6) traveling mode changeover switch
28 (7) tilt pedal
23 (9) headlight switch

■ Electronic meter

Electronic meter, in together when various information required to operate the tractor to provide the operator with accurate timing, erroneous when the operation instruction, when various alarms and also fault location and emergency use when event failed in handling such, so will be displayed in messages and graphics, please be handled properly in accordance with the display. In the case where other messages in the following table is displayed, the endnotes [Upset with the treatment] Please refer to the section.



[KL250・300果樹園仕様]

1AGACBAAP293A

[KL250・300果樹園仕様 (K,KW仕様のみ)]

1AGACBAAP294A

33 and 36

See page

(9) Monroe Matic lamp

[MA · MAD specification] 61

	message	Contents	See page
1	8 1234時間 €		38
2	12 88.8時間 5		38
3	エソシ"ン オイル交換後 100 時間	Meter display unit can be switched to five modes of No. 1 ~ 5 Each time you press the display switching switch. (Shift number is displayed only U shift (F) specification.)	38
4	12 70.0 km/h EF		38
5	12PTO F F F		38
6	ന	Key switch [ON] Time, to display the preheating of the engine.	13
7	PTOレバー中立に		13
8	シャトルレバー中立に	If the time of starting the engine left lever is not in neutral, it will be displayed. Please operate according to the message.	
9	シャトル,PTO中立に		13
Ten	シナベルトして下さい	When the engine is started 3 seconds, it will be displayed.	20
11	油圧レバー下げて解除	When the hydraulic pressure safety lock is activated, it will be displayed. Please operate according to the message.	
12	油圧レバー上げて解除		
13	高さ規制「高」に "	hen the engine is started [Hydraulic taken out] To be set It will be displayed if put. Please operate according to the message.	49
14	ブレーキペダルを連結		25,42
15	PTOレバー中立に	When the vehicle speed is 7 km / h or more, when the left levers are not correctly set, it will be displayed. Please operate according to the message.	
16	油圧レバーを上げに^		

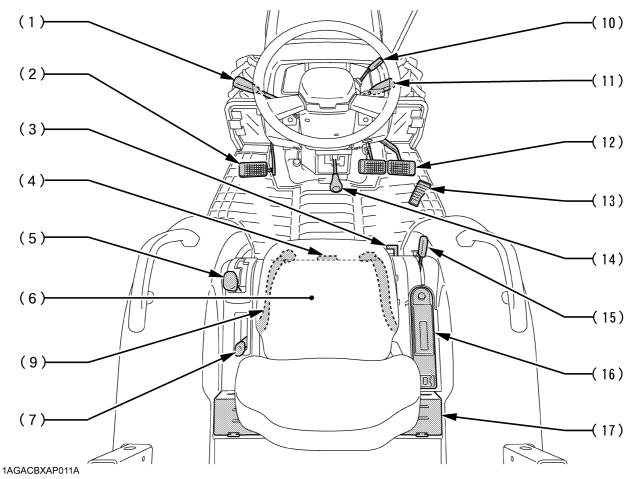
^{*} MA · MAD specification No.

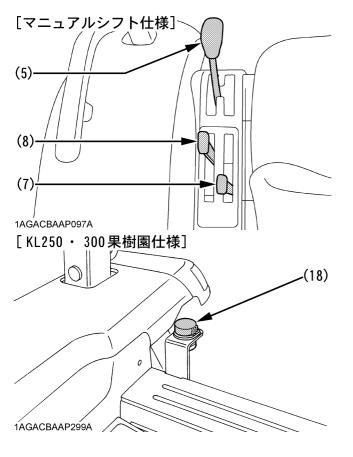
	message	Contents	See page
17	燃料を給油 🗈	When the fuel is less than about 4L, it will be displayed.	38
18	充電系異常 □	When the abnormality occurs in the charging system, it will be displayed. (Warning amp flashes)	38
19	エンジン油圧異常	When an abnormality in the engine lubrication system occurs, it is displayed. (Warning lamp flashes)	38
20	オーバーヒート	When the cooling water to overheat, it will be displayed. (Warning lamp lashes) Operation according to the message, please check.	38
twenty	∞ アイドリングに		38
twenty	·· 冷却後点検		38
	深 , オート 浅	When you change the deep plowing in the tilling depth adjustment dial, it will be displayed for about 5 seconds.	69
twenty	** ** ** ** ** ** ** *		73
twenty	エンジンオイル交換時期	If after the engine oil exchange 100 hours (first 50 hours) elapsed, it wil displayed when the engine is started. 13,123	l be

^{*} MA · MAD specification

^{**} MAD specification No.

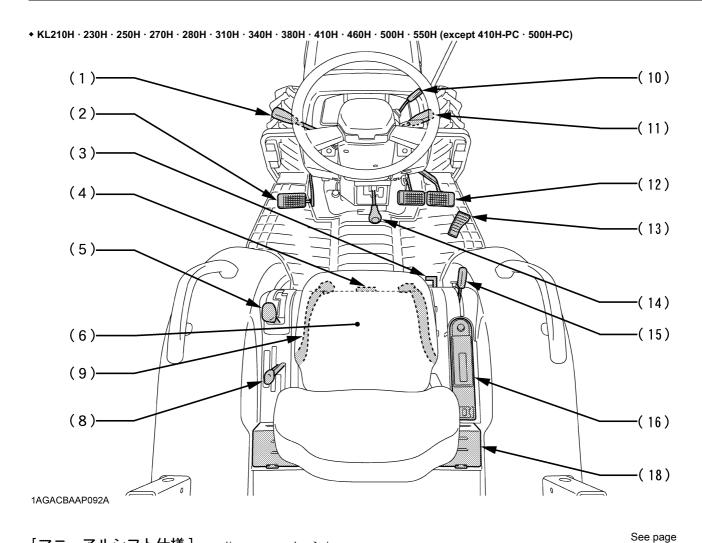
◆ KL210 · 230 · 250 · 270 · 300 · 330 · 300D · 330D · 360 · 430 · 410H-PC · 500H-PC

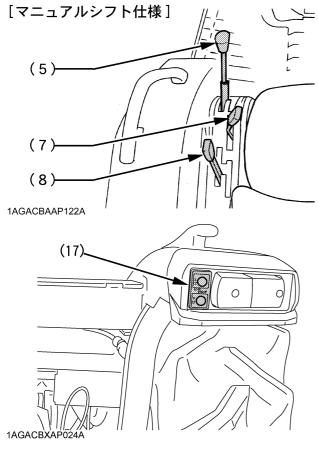




	See page
(1) Shuttle lever	30 (2) the clutch pedal
26 (3) different	ial lock pedal 40 (4)
Drop Speed Adjustment lever	52 (5) main shift lever
30 (6) sheet	18 (7)
creep lever 26	i, 30 (8) sub-transmission lever

[Manual shift specification] 30 (9) seat belt		
20 (10) Pompa lever [MA · MAD		
specification] 48 (11) accelerator lever		
(12) brake pedal	25 (13) acce	elerator pedal
58 (15) hydraulic (position c	ontrol)	





(1) Shuttle lever 31, 36 (2) the clutch pedal					
Drop speed adjustment lever 52 (5) main shift lever					
(7) sub-transmission lever					
[Manual shift specification] 31 (8) creep lever					
[Manual shift specification] 31 (8) creep lever					
- ` ` ` ` ` ` ` ` ` ` ` ` ` ` ` ` ` ` `					

Lever 47 (16) MA switch [MA · MAD specification] 60 (17) Monroe external operation switch

[KL360,430,380H, 410H, 460H, 500H 550H MA · MAD specification] 55 (18) tool box

To prevent a failure, it is important to know always better the state of the machine. Daily inspection is once a day, please be performed without fail before luck rolling. (For details of the inspection method, [Treatment and simple maintenance of the tractor] Refer to the section.)



- * Before the operation carried out daily inspections, such as a brake clutch steering and safety equipment, wear and damage to

 Please replace if there are parts that are. In addition, please check that no loose regularly bolt and nut.
- * When the inspection, please perform stop the engine down the always working machine.
- * During refueling, please do not cigarettes, open flame lighting added.
- * If the fuel and oil spills, please wipe clean.
- * During or immediately after and shut down, please do not absolutely open the pressure cap of the radiator. And hot water is jetted

 There is a risk of burns.
- * When inspection and maintenance to open the covers, around the engine, please follow the following steps.
- 1. open from after 30 minutes after stopping the engine.
- 2. When touching the inside in the inspection and maintenance is, to make sure that there is no risk of burns.



Replace the oil supply to various parts

- * When you check, please carried out at a tractor on a level place. Do shown the correct amount when tilted There is a lkoto.
- * Engine oil to be used, mission oil, be sure to specify [Kubota genuine oil] Please use.



* [Ahn of the yellow pages of this manual Part

Please be sure to read the contents of the] in order to work in all.

- * The contents of the display label Athe tractor Please read.
- * Before starting the engine, seat sure to seat

 Ri, the main transmission, the shuttle lever and PTO

 transmission lever is [neutral] (N) whether, also be sure to
 check whether the parking brake is applied.
- * The tractor was there suddenly begins to move fear

 Because, you can start the engine standing on the ground, please do

 not start the engine by directly connecting the starter terminals or
 safety switch.
- * If it is operating at, such as indoors or in greenhouses

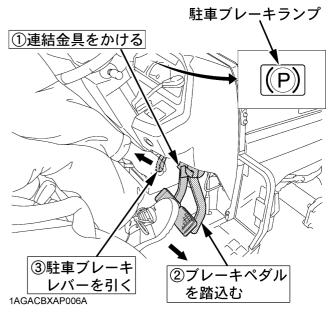
 If, please sufficiently performed ventilation. By and
 ventilation is insufficient exhaust gas, but it may cause
 carbon monoxide poisoning.

How to start

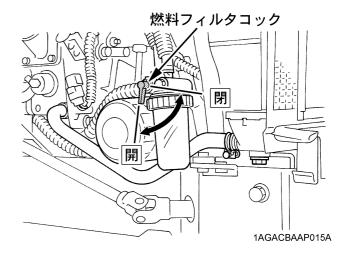
1. Engage the parking brake.

Depression and left and right linking the brake pedal, the lever **[Up]** It was left and release the foot parking brake will take.

Key switch Nyutoki, and apply the parking brake, lamp in the meter panel lights up.

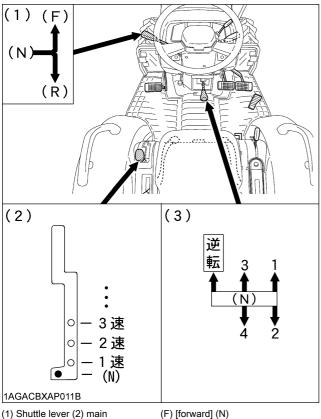


2. Turn the fuel filter cock in the [Open].



3. main transmission lever, the shuttle lever, and the PTO gear shift lever in the neutral] (N).

• U shift (F) Specifications



(1) Shuttle lever (2) main shift lever (3) PTO shift lever

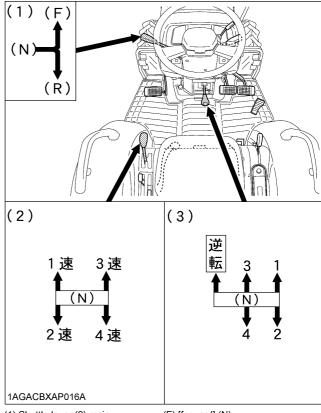
(F) [forward] (N) [neutral] (R) [backward]

補足

* The shuttle lever and the PTO gear shift lever [Neutral]

If you do not (N), engine and safety switch is activated will not start.

• Manual shift specification



(1) Shuttle lever (2) main shift lever (3) PTO shift lever

(F) [forward] (N) [neutral] (R) [backward]



* The shuttle lever and the PTO gear shift lever $\mbox{[Neutral]}$

If you do not (N), engine and safety switch is activated will not start.

4. the key in the key switch in the plug [ON] position.

Key switch

OFF engine is stopped, the key is unplug difference To be located.

ACC While the engine is stopped, you can use the radio with cassette player. (In this position, specification) please do not use for a long time. It becomes the cause of the dead battery.)

Input position to preheat the combustion chamber.

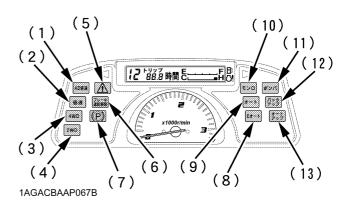
Position in the engine rotation, you can use all of the electrical equipment.

Starting position to start the engine. Leaving the hand

Automatically if not [ON] To return to.

• monitor lamp

The key switch **[ON]** When you position, because of the lamp-out check, (1) to (6), will light the lamp for about 1 second (8) to (13).



(1) AD-speed lamp (2) speed indicator The following MA · MAD specification (3) 4WD lamp (4) 2WD lamp (5) (8) E Auto lamp (9) Auto tillage lamp warning lamp (6) Brake disengagement (10) Monroe Matic lamp (11) Pompa ramp (7) the parking brake lamp lamp (12) backup lamp (13) Auto-up lamp

安全フレーム仕様 安全キャブ仕様 切入 が動 始動

Electronic meter message

1AGACBAAP024A

* Key switch [ON] Time, when the preheating is completed

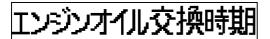
Glow display will disappear automatically. (After completion of preheating
the U shift (F) specification, when the shift lever is neutral [N], You come
and you have a gear shift is [Gear number] There will be displayed.)



Glow display

* If the engine oil has reached the exchange time

If (the first 50 hours, after every 100 hours), key switch [ON] The following message will be displayed for about 5 seconds at a time or the like. (Detail is [Inspection and maintenance of every 100 hours] of [Exchange of engine oil], [reset method of electronic Metame' sage] See)

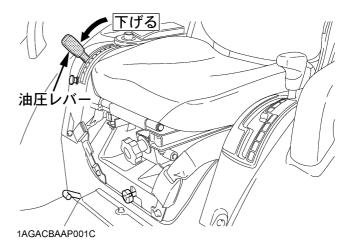


補足

* Lamp-out check by the state of each switch

After, there are also remains of the lamp to turn off or turn on. * In the $KL250 \cdot 300$ orchard specification, AD-speed lamp It does not light up.

[defeated forward] the hydraulic lever Masu lower the working machine.



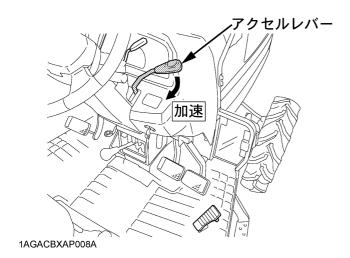
補足

* If it is a hydraulic lock does not decrease.

(Detail is **[Working machine lifting device]** If term reference] * pompa lamp is blinking, Hydraulic Les

Please cancel the pull flashing bar in the rear.

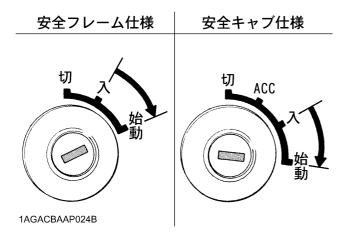
6. Pull the accelerator lever to [the middle].



7. Masu the clutch pedal [depression].

補足

- * Engine is also not depressed the clutch pedal You can start, but please go depressed for safety.
- 8. Turn the key to [start] position.

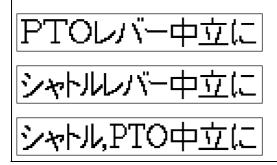


Electronic meter message

* When the engine is started, a message is displayed below

Once, the engine can not be started. A lever in accordance

with the message [Neutral] Make sure to restore to.



重要

* Starter motor is, because it consumes a large amount of current, 10

Please avoid continuous use of more than seconds. If you did not start within 10 seconds, once switched off, please repeat the same operation from the rest more than 30 seconds.



* In the KL250 · 300 orchard specification, emergency stop switch

Blood [Stop] When in position, the engine can not be started.

9. When the engine is started, please form a hand from the key.

Automatically [ON] Return to.

重要

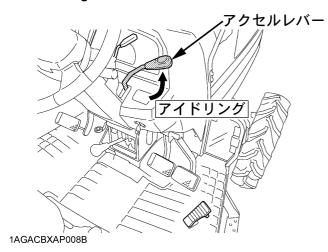
* In the engine rotation is not the key to the starting position

Please out. Be or become the cause of failure of the starter motor.

- 10. Make sure there is no display of the electronic meter [charging system abnormality, engine oil pressure abnormality].
- If, if it is displayed, stop the engine, please check.
- Lower the engine rotation, release the clutch pedal or Rayukkuri foot, let's operation as it is about a 5-minute warm-up.

How to stop

1. the accelerator lever full Previous Te [press] to the idling state.



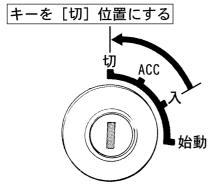
2. If you the key of the key switch to the position of [Off], the engine will stop.

[安全フレーム仕様]



1AGACBAAP024C

[安全キャブ仕様]



1AGACBAAP024D

重要

* KL360 · 430 · 550H specifications Is the engine stop,

5 minutes idling to Be sure to to from.

After the high-speed-load operation, a sudden to stop the engine can cause adverse effects on the turbocharger.

3. The key is let's be sure to [vent].

重要

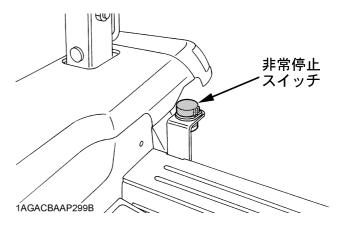
Batteria is due to * the key switch off forgotten

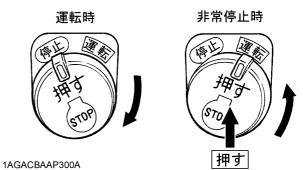
To prevent Ri, please be sure the key is pulled out.

■ Emergency stop switch

[KL250 · 300 orchard specification]

When an emergency press this switch, the switch is [Stop] To return to the position, the engine will stop. After stopping, while pressing the switch [operation] Please keep and turn to position.





補足

* Switch [Stop] When in position, en

Jin can not be started. * When the engine has been shut off by the emergency stop switch,

Sure to be free of off forgotten of the key switch.

Warm-up operation at the time of cold



* Ventilation with insufficient place is, not the warm-up operation

Please out.

By and ventilation is insufficient exhaust gas, there is a risk of carbon monoxide poisoning.

* During the warm-up operation going over the sure parking brake Please.

After start-up, please refer to the warm-up operation without imposing a load is about 5 minutes. In order to fully Yukiwatara oil to each metal, multiplied immediately load from the start, please keep in mind that it becomes the cause of the failure, such as seizure or damage.

• U shift (F) specification U shift Is operated hydraulically, the hydraulic oil has also serves as a trans mission oil. Performs a warm-up operation at the other Me always the following manner, please warm the transmission oil. If you do not perform the warm-up operation, satisfactory performance will be the cause of the failure not only not be obtained.

Air temperature	Warm-up time
- 10 °C or more	5 minutes
- 10 ~ -20 °C	For 5 to 10 minutes
- 20 °C below	More than 20 minutes

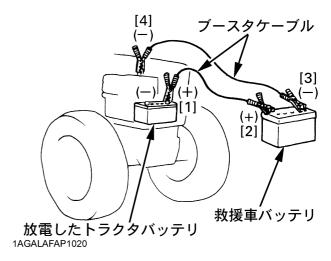
Treatment of the dead battery

If the booster cable (sold separately), you can start the engine the battery of another vehicle as a power source.

- 1. Connect the booster cables in numerical order in the figure.
- * Of the battery (+) and connect the terminals to each other. * The other end of the negative cable [4] Connection position of,

Connect to the engine body away from the battery.

(The other end of the negative cable [4] Direct battery (-) when connected to the terminal, there is a risk of ignition of combustible gas generated from the battery or to.)



- Start the relief side of the car, keep a little bit of engine rotation to high order.
- Start the engine of the tractor. (Start-up procedure [Starting and stopping of the engine] See the section)
- 4. Remove the booster cables in the reverse connection order.



- * Rescue vehicles'm going to be sure to use a 12V battery car Sai.
- * When cabling, and (+) a pin ()

Please do not absolutely contact. * Cable is not caught, such as the cooling fan

Please be Unishi.

* At the time of the cable connection, and (+) - well ()

Sure, please do not connect to the contrary absolutely. When you connect to the contrary, there is a case where the electronic equipment such tractor and rescue vehicles may be damaged.



* Well front, back, left, and right when you start the tractor

Sure, please Do not such close people (especially children) in the vicinity.

In addition, please also check that there is no obstacle that hits the safety cab and safety frame.

- * Children, of course, put a person other than the driver
 Please do not drive a tractor. In addition, please drive sitt
 ing on 必 not a seat.
- * Near grooves and holes, shoulders etc. under the weight of the tractor In collapsed easy place Do not driving.

There is a risk of falling accident.

- * Or climbing a steep road is carried out in the back, work

 Reduce as much as possible the machine, please try to fall prevention.
- * Downhill, continue to use the engine brake

 Please. Please do not get off at the only step on the
 brake pedal.
- * Or if Shitsuden escape to a large towing load In the case of gradually starting, please be careful tractor does not fall backwards.
- * When turning at high speed, there is a risk of rollover You.

Check the release of the differential lock pedal, you will always be around and slowly drop the speed again.

* The reverse is out about the same speed as the forward.

A good look around the situation, put it in the reverse position the shuttle lever after confirming that it is safe, please backward at a safe speed. Also during the reverse, please drive especially close attention to the surroundings.

* Sorakan in the driver's seat foot, and put things such as parts

It is Mari under the brake pedal or the clutch pedal, brake operation, is dangerous will not be able to clutch operation.

Break operation (approximately the first 50 hours)

During this period, please especially adhere to the next thing.

- 1. steep start, please do the sudden brake refrained.
- 2. Try not to put more than necessary speed and load.
- operation, let's to the engine is carried out from sufficiently warmed up.
- 4. In the bad road and slopes, let's running while checking the safety drop the speed.
- 5. After 50 hours of use, [Periodic inspection locations list] Follow the

Inspection of the stomach various parts, please go performed such as an oil exchange.

Adjustment of the driver's seat around

■ Seat

1. lock before and after adjusting lever [Release] Then,

You can adjust in 10 steps before and after.

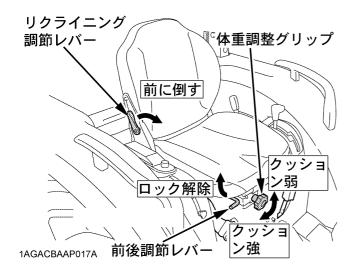
2. reclining adjustment lever [Defeat before] When,

You can adjust the angle of the backrest.

3. weight control grip [turn] If, cushion

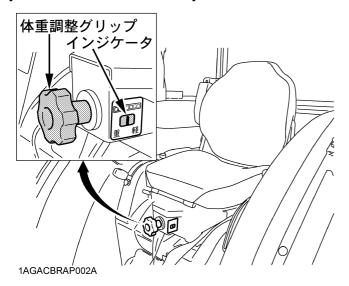
You can strength of the adjustment.

4. When the rain kept down in front of the seat, you do not have to worry about Ru wet. [Safety frame specification]



5. You can check the status of the weight control in the indicator.

[KL380H · 410H · 460H · 500H · 550H]



補足

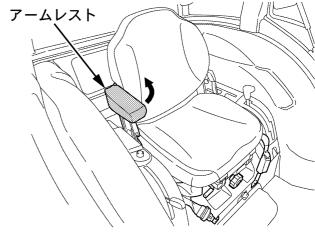
* If the rotation of the body weight adjustment grip is firm, the threaded portion

Please apply a small amount of grease in. * The smooth operation of the seat suspension

To order, please appropriate grease is applied to the hook portion of the spring.

* The right of the armrest is directed to freely backward You.

[KL210H \cdot 230H \cdot 250H \cdot 270H \cdot 280H \cdot 310H \cdot 340H \cdot 380H \cdot 410H \cdot 460H \cdot 500H \cdot 550H safety cab specification]

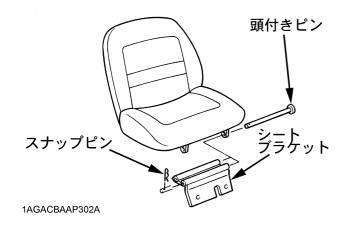


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[KL330 House specification] [KL250 · 300 orchard specification]

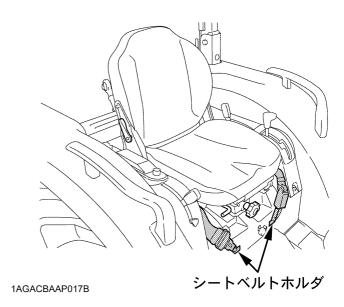
- sheet, remove the seat bracket and the seat in the knob bolt, remove the head with a pin by changing the set position of the seat, it can be adjusted in two stages before and after.
- 2. When the rain is kept down in front of the seat, there is no wet worry.
- 3. If you want to driver's seat and even lower, please remove the sheet in Nobuboru door.





■ Seat belt holder

After getting off, please housed the seat belt to the seat belt holder.



For safety cab and safety frame and the seat belt



Because of casualties accident prevention by a fall-fall, please observe the things under Symbol.

* When using a tractor, the safety frame

Please do not operate the remove it.

- * Such as the barn and out and house work, safety off
 Unless the frame is hit, any time during the operation
 also stand to attach the safety frame, securely fixed, be
 sure to always wear seat belts.
- * In a state in which the folded safety frame,

Please do not the seat belt to an absolute. Folding safety frame, in the folded state is not the role of the safety frame.

* Absolutely the remodeling of the safety cab or safety frame

Please do not.

In addition, if the damage that affects the strength, bending, etc. occurs, please replace.

* When you set up a safety frame, left and right of Les

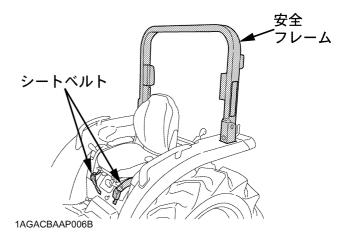
Please be sure to secure the bar at'm pushed. Also during the daily inspection, please check whether there is a backlash to the lever.

* Make or safety frame is securely fixed

Please be sure.

- * Seat belt length to match the body of the worker Please adjust the.
- * Collapse the safety frame, vertical or

When you are down on the ground surface always working machine in a flat place, stop the engine, please be performed from over the parking brake.



Folding method

1. Loosen the knob bolt.

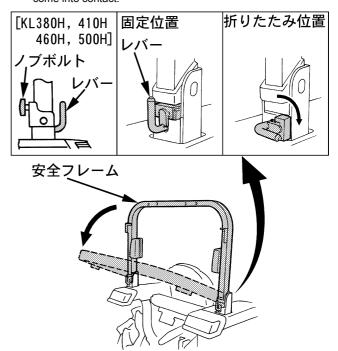
[KL380H · 410H · 460H · 500H]

- 2. Pull the lever to the rear, as they beat on the outside. (Left and right)
- 3. Next, please folded fold to slowly safety frame behind.

補足

* When folding the safety frame, the state of the working machine

By you might want to contact. Please folded so that it does not come into contact.



1AGACBRAP003A

How to cause

- cause completely to the position no longer move forward the safety
 frame
- 2. Please Nde securely press write as it is to the front make a lever. (Left and right)
- 3. Tighten the knob bolt.

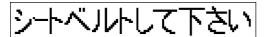
[KL380H · 410H · 460H · 500H]

4. Make sure that there are no backlash to the safety frame.

Electronic meter message

* Engine start-up the following message for 3 seconds

It shows. Please wearing the seat belt properly.

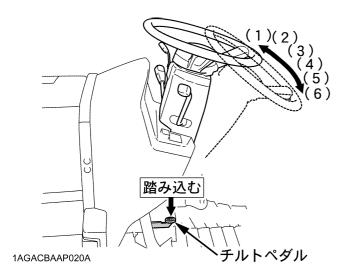


Tilt steering wheel



- * Please do not adjust while driving.
- * That after adjustment, the handle is locked Please Confirm.

Please and operation of the tilt steering wheel decided the position Release the pedal at the appropriate location of depressing the Chirutope Dal (1) to (6). (1) position when getting on and off (2) to (6) driving operation position

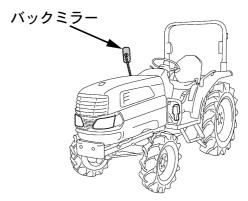


rearview mirror

- 1. rearview mirror, so you can angle adjusted up or down, left and right, please adjust easy-to-see position sitting in the driver's seat.
- 2. rearview mirror, please use in such a narrow space so you can store. [Safety cab specification]

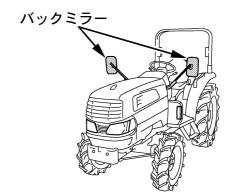
Safety frame specifications

[KL210 · 230 · 250 · 270 · 300 · 330 · 300D · 330D · 360 · 430]



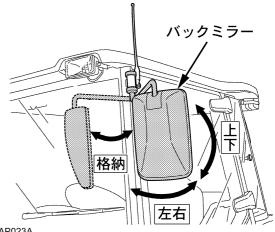
1AGACBXAP009A

[KL210H · 230H · 250H · 270H · 280H · 310H · 340H · 380H · 410H · 460H · 500H]



1AGACBAAP022A

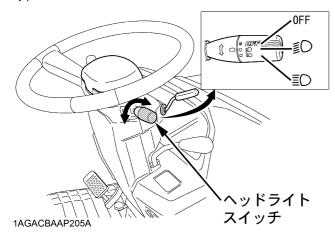
Safety cab specification



The operation of the lighting class

■ Headlight switch

Turn the knob when the switch is turned on and the next lamp is lit by position.



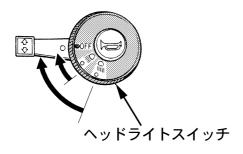
OFF headlights off position

■ headlight downward irradiation position

■ headlight upward irradiation position

◆ KL250 · 300 orchard specification

Turn the headlight switch, the next lamp is lit by position.



1AGACBAAP303A

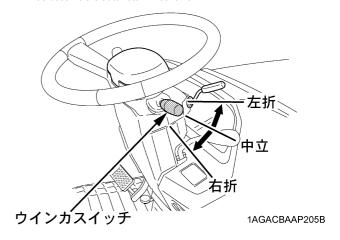
OFF headlights off position

■ headlights upward irradiation position

headlight downward irradiation position

■ Turn signal switch

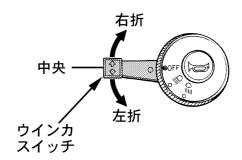
- When the operation before and after the switch, flashes pilot lamp is a point of the turn signal lamp and the meter panel. Before turn left after turn right
- 2. When the switch returns the handle, automatically returns to the neutral, it has become the auto-return mechanism.





- * The angle to cut the handle is small lever is neutral

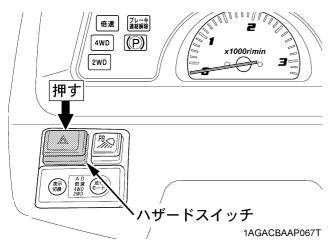
 It may not return to. Please return by hand when it does not return.
- KL250 · 300 orchard specification
- 1. When you operate the switch, turn signal lamps and turn signal pilot lamp blinks.
- 2. When you have finished turn right or left, let's return the switch to the center.

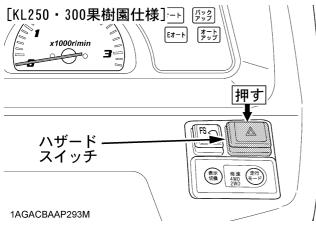


1AGACBAAP303B

■ Hazard switch

If you stop by the failure or the like, it is used to prevent the accident. Before and after the turn signal When you press the switch and turn signal operating pilot lamp in the meter panel is flashing, indicating the stopped. It will be turned off again press the switch.





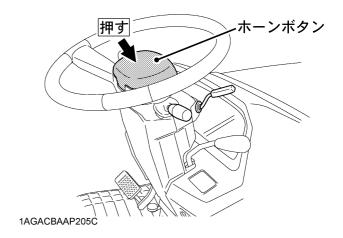
補足

* Hazard lamp key switch [OFF] [ACC]

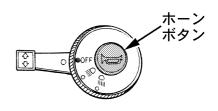
It does not work in the position.

■ Horn button

When you press the horn button will sound the horn.



[KL250·300果樹園仕様]



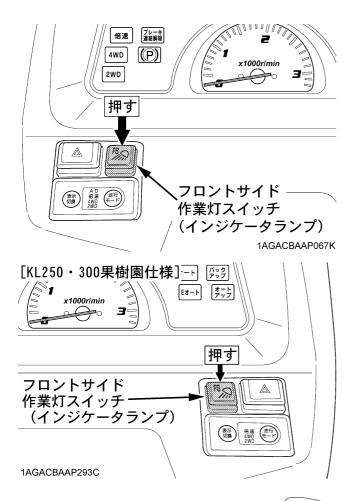
1AGACBAAP303C

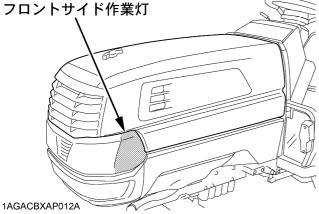
補足

* Horn key switch [OFF] [ACC] In the position It does not work

■ Front side working light

Front side working light lights up when you press the switch. It will be turned off again press the switch. Indicator light that shows the lighting of the work lamp has a built-in switch.





補足

* Working lights, including the front side working light [road

Safety standards for transport vehicles] Article 42 in the (limit of such color lights), [Lights that do not use while driving]

Is a, point lights of the road while driving from the fact that when road travel while lighting the interference of other transportation vehicle is prohibited.

The following lamps are only relevant KL210H \cdot 230H \cdot 250H \cdot 270H \cdot 280H \cdot 310H \cdot 340H \cdot 380H \cdot 410H \cdot 460H \cdot 500H \cdot 550H \cdot 270-PC \cdot 330-PC \cdot 270D-PC \cdot 330D-PC type of tractor To do.

■ Back lamp

The shuttle lever [Backward] When placed in the position, back lamp lights.

■ Brake lamp

Connecting the left and right brake pedal in the connecting fitting, and stepping on the brake pedal, the brake lamp lights up.

■ Car width lamp, tail light

It lights up in conjunction with the headlights.

Starting and running

1. Make sure the brake pedal.

break pedal



* Beyond in the road traveling, uphill, downhill and ridge

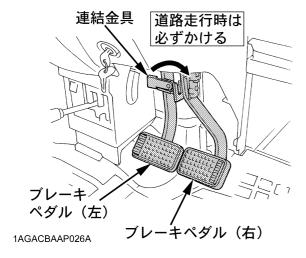
Inside, in the connecting fitting the left and right of the brake pedal, please be sure to consolidated.

The body is shaking and stepping on the single brake during road travel, there is a risk of falls and traffic accidents.

Brake is a device for forcibly stopping the aircraft, unlike the general vehicle, the left and right are independent, can be applied only to the brakes one wheel of the rear wheel. Also, when connecting the brake pedal in the connecting fitting, right and left wheels of the brake is activated at the same time.

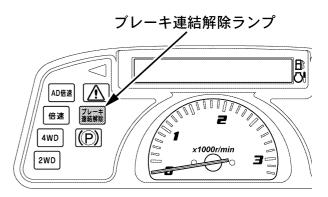
State multiplied by the connecting fitting during road travel.

Disconnected the connecting fitting during farm work.



• brake uncoupling lamp

If you remove the brake pedal connecting fitting **Brake uncoupling** Lamp lights. Multiplied by the consolidated fitting in, such as during road travel, check the turning off of the brake disengagement lamp, please traveling.

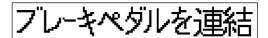


1AGACBAAP067C

Electronic meter message

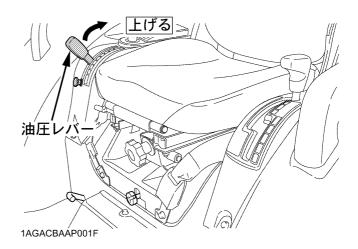
* While removing the brake pedal connecting fitting, car Speed is greater than 7km / h and the following message is displayed.

And when the PTO gear shift lever in addition to the brake connecting fitting is not neutral, if they lift the working machine in Pompa is, here it will also be displayed alternately. Sure to operate according to the message.



2. The hydraulic lever [pull it backward] and raise the working

(Detail is [Working machine lifting device] See the section)



3. depress the clutch pedal.



* If suddenly you release the clutch, suddenly fly out fear there is.

Please perform slowly.

■ The clutch pedal

Clutch is a device you intermittently to each actuating portion engine power.

...... clutch which depresses the pedal is released. clutch releasing the foot from the pedal leads.



* When operating the following lever, be sure the clutch

Please perform or we completely stopped the tractor down the

pedal.

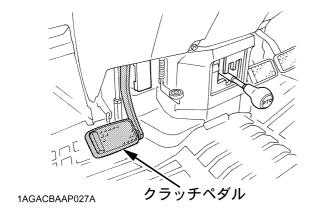
A The main shift lever [Manual shift specification]

A Shuttle lever [Manual shift specification]

A Sub shift lever [Manual shift specification]

A Creep lever

A PTO transmission lever



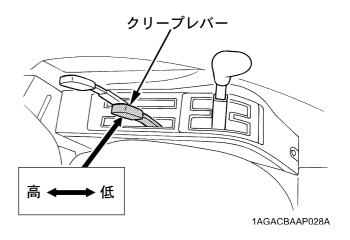
4. Operate the levers required depending on the work.

KL210 \cdot 230 \cdot 250 \cdot 270 \cdot 300 \cdot 330 \cdot 300D \cdot 330D \cdot 360 \cdot 430 \cdot 410H-PC \cdot 500H-PC type tractor

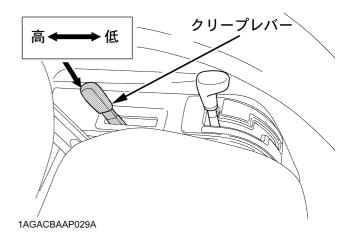
■ Creep lever

[Low] Position at ultra low speed (creep speed), **[High]** High speed can be obtained at the position. The clutch pedal and depression.

• manual shift specification



• U shift (F) Specifications



KL210H · 230H · 250H · 270H · 280H · 310H · 340H · 380H · 410H · 460H · 550H · 550H type tractor (except 410HPC · 500H-PC)

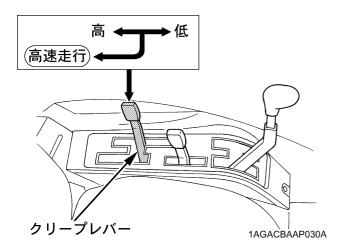
Creep lever

[Low] Position at ultra low speed (creep speed), [High] High speed can be obtained at the position.

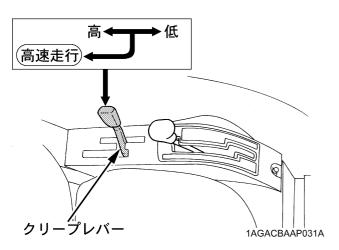
[High speed] In the position, and a convenient high speed is obtained to move traveling.

The clutch pedal and depression.

• manual shift specification



• U shift (F) Specifications



• How to use creep

Creep speed is the cause of the failure and the wrong way of handling the work to be used. Please use the following in mind.

- 1. can be used work
- * Cultivate, Hosodo tillage work of a rotary. * In the rotary, tillage Hojo is hard at standard speed

If you can not. * Porting by the planter. * Working with agricultural Torencha (limited to agricultural

That).

- * When the loading-unloading of the vehicle.
- 2. work that can not be used (may result in failure) * work to escape from the sinking state in Shitsuden. * Towing trailer work. * Front loader work. * Front blade work (snow removal work). * Civil engineering work. * And out of the Hojo.
- 3. When using the creep speed, please be sure to observe the next call.
- * Shifting, is full of depressing the clutch pedal

Please perform from. Rows from the $\mbox{\ensuremath{}^{*}}$ start, remove the sure parking brake

Please become to.

Very strong rotational force of the axle in the * creep speed

It made so you do not hear the brake in only stepped strongly
the brake pedal. Stop, please put the brakes be sure to turn off
the clutch.

重要

So strong the brake pedal with * creep speed

Cause of the tread and failure. * In the creep speed, not the towing work Do

Please. Cause of the failure and apply unreasonable load at very low speed.



- * When creep lever operation, it heavy lever operation There is a Rutoki. If this happens, re-stepping the Kuratchipe Dar, please operate the creep lever again.
- * In addition, still also re stepping on the clutch pedal

 When the bar operation is heavy, once Shatorure bar [Neutral]

 (Be sure to operate from in the N).

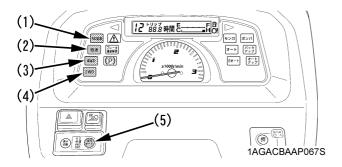
■ Running mode change-over switch

Switches as shown in the table below for each press the switch, monitor lamp will display a selection state of it. The switch can be operated without regard during clutch operation and the running and stopping.

補足

* The KL250 · 300 orchard specification, [AD-speed] position there is no.

	Monitor lamp	
AD-speed	4WD lamp and AD-speed lamp is lit, at the same time speed turn is activated at the time of turning, and also operate AD.	
Double-spe	ed 4WD lamp and speed lamp is lit, Speed turn is activated at the time of turning.	
4WD	4WD lamp is lit and the camera returns to the four-wheel drive.	
2WD	2WD lamp is lit and the camera returns to the two-wheel drive.	





- (1) AD-speed lamp [orchard specifications without equipment] (2) speed lamp (4) 2WD lamp
- (3) 4WD lamp (5) running mode change-over switch

+ How to use 4-wheel drive

4-wheel drive, use in the following cases.

- 1. slopes, Shitsuden, if you need traction, such as trailer transportation work.
- 2. If you want to work in the sandy soil.
- In the hard Hojo, if you want to prevent jumping at the time of the rotary tillage.

How to use ◆ speed turn



- *The remains were placed in a double-speed turn, other than Hojo

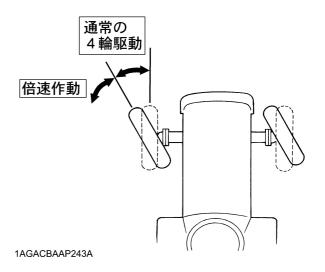
 Please do not travel. Please switch to [2WD] or [4WD] the

 traveling mode changeover switch before leaving the Hojo
- * Speed turn, the field, the rotary operation, such as paddy fields

 It helps you to work, but will also be the cause of the fall of
 any fear or failure incorrect usage.

The operation of the speed turn is as shown in the figure below.

[Speed] Mode to enter the turning operation, and go off the steering wheel, the front wheels of the cutting angle is, until the certain angle from the straight state, the front wheel at a rotation speed of the normal four-wheel drive will be driven. Further off stearyl A ring handle, double speed turn operation, the front wheel speed is driven at approximately twice the rotational speed of the far, can be done a small smooth turning.



重要

* If the front loader was installed, Do not Use Please Do not.



 * Speed, in order to prevent danger, turning at the start of the vehicle speed There will operate only when the range of about 0.2 \sim 5 km / h.

In addition, in the double-speed turning even changed the vehicle speed, to hold the operation of the speed.

• how to use the AD-speed turn



* Traveling on a non-Hojo remain AD-speed [ON]

And it will be the cause of turning when suddenly around the accident.

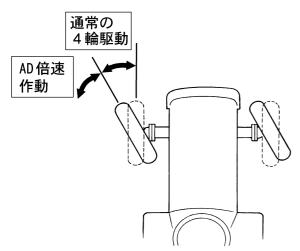
Please switch to [2WD or 4WD] the traveling mode changeover switch before leaving the Hojo.

In the case of the adjacent tillage work, stepping lightly Katabu rake in the headland, but is done operation to reduce the swirling, AD speed is to also do this automatically.

The operation of the AD-speed turn to now shown in the figure below.

[AD-speed] Mode enters the turning operation, when we cut the stearic

Guhandoru to front wheel steering angle is a constant angle from the straight state, the front wheel at a rotational speed of a normal four-wheel drive is driven. Further off stearyl A ring handle, AD is activated, it takes lightly braking the inner rear wheel, speed coater down is activated, the front wheel speed is driven at approximately twice the rotational speed of the far less smooth Do not turning is example row.



1AGACBAAP244A

補足

* AD-speed, in order to prevent danger, turning at the start of the car Speed is activated only when in the range of about $0.2 \sim 3.5$ km / h. (Up to about $3.5 \sim 5$ km / h will operate only speed.)

In addition, during the AD-speed turning even changed the vehicle speed, to hold the operation of the AD speed.

5. accelerate the engine.

■ Accelerator lever and the accelerator pedal

• accelerator lever

Mainly used during farm work.



Pulling the lever to the front, the engine speed is increased. If you press the lever on the front side, the engine speed is lowered.

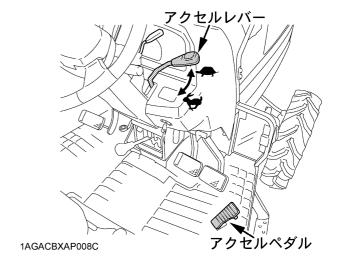
• accelerator pedal

Mainly used during road travel.

The upper engine depressing the pedal That.

Set in ... the accelerator lever to release the foot from the pedal

Boss was down to engine rotation.

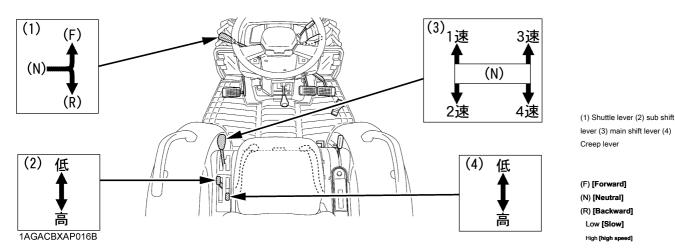


以下、仕様により操作が異なります。

マニュアルシフト仕様

6. Select the traveling speed.

◆ KL210 · 230 · 250 · 270 · 300 · 330 · 360 · 430 type tractor



16-step forward by combining four of the lever operation, the speed of the reverse 16-stage can be obtained.

要

* Operation off the clutch, the tractor is stopped completely Please perform from sealed in. Operation Then leads to damage of the mission while the vehicle is running.

Shuttle lever

is.



- * In order to avoid sudden acceleration, lower the engine rotation Be sure to operate the shuttle lever from.
- * Shift operation of the [forward] \leftarrow \rightarrow [reverse], said Tan [neutral] in the position, please operation after confirming the stop of the tractor.
- * The reverse is out about the same speed as the forward. If the reverse is the shuttle lever after confirming that the ambient conditions are safe to put in the rear proceeds] position, please backward at a safe speed.

Also during the reverse, please drive especially close attention to the surrounding situation.

Lift the lever, press ago [Forward], Pulling in front (after) [Backward]

■ The main shift lever

The speed of the four-stage with a single lever can be selected.

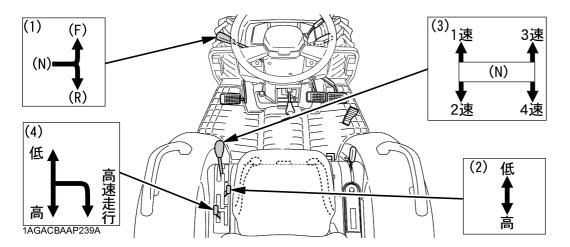
■ Sub shift lever

[Low] Low speed at the position, [High] High speed can be obtained at the position.

■ Creep lever

[Low] Low speed position (creep speed), [High] High speed can be obtained at the position. [For more information on handling [4. manipulate the levers required according to the work] See the section]

◆ KL280H · 310H · 340H · 380H · 410H · 460H · 500H type tractor



- (1) Shuttle lever (2) sub shift lever (3) main shift lever (4) Creep lever
- (F) [Forward]
 (N) [Neutral]
 (R) [Backward]
 Low [Slow]

High [high speed]

20-step forward by combining four of the lever operation, the speed of the reverse 20 stages can be obtained.



- * Operation off the clutch, the tractor is stopped completely

 Please perform from sealed in. Operation Then leads to damage of
 the mission while the vehicle is running.
- Shuttle lever



- * In order to avoid sudden acceleration, lower the engine rotation Be sure to operate the shuttle lever from.
- * Shift operation of the [forward] ← → [reverse], said

 Tan [neutral] in the position, please operation after confirming the stop of the tractor.
- * The reverse is out about the same speed as the forward.

 If the reverse is the shuttle lever after confirming that the ambient conditions are safe to put in the rear proceeds] position, please backward at a safe speed.

Also during the reverse, please drive especially close attention to the surrounding situation.

Lift the lever, press ago [Forward] , Pulling in front (after) [Backward] is.

■ The main shift lever

The speed of the four-stage with a single lever can be selected.

Sub shift lever

[Low] Low speed at the position, [High] High speed can be obtained at the position. In addition, the creep lever [High speed] When in position, even in the

sub-transmission lever is high / low either position will be the same vehicle speed.

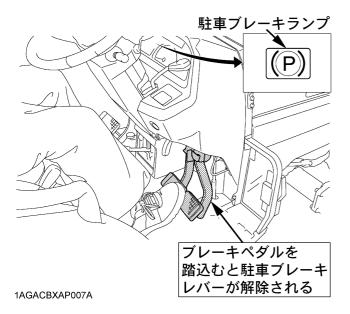
Creep lever

Slow creep speed, you can shift to the three stages of the high-speed and high-speed running (for mobile). [For more information on handling [4. manipulate the levers required according to the work] See the section]

7. Release the parking brake.

■ Parking brake

The brake pedal **[Depressed]** And the parking brake is canceled, lamps in the meter panel is to unlit.



8. slowly away start the clutch pedal.

重要

* In order to extend the life of the clutch, semi-clutch

So as to reduce the use time and number of times, please note the following points.

A Speed adjustment so as not to perform clutch please.

A Selecting the vehicle speed and the engine speed corresponding to the work Please be-option.

A Luck while placing the foot on the clutch pedal

Please do not transfer. It will be that you are using the

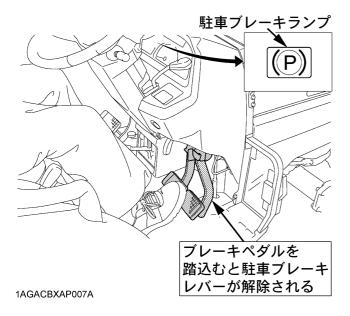
Hank latch without your knowledge.

Uシフト(F)仕様

6. release the parking brake.

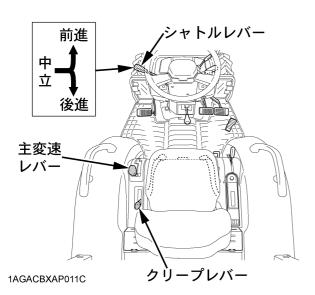
■ Parking brake

The brake pedal [Depressed] And the parking brake is canceled, lamps in the meter panel is to unlit. (P)



- 7. Turn on the [1-speed] the main transmission lever.
- 8. Taking into the shuttle lever [forward] or [rear advance], tractor Masu beginning to move.

Please be shifting to the position you want to speed by the main gear shift lever one stage 9..



■ The main shift lever



- * Please do not suddenly start.
- * For safety, please abrupt shift is avoided.
 - Shift, please be performed by one stage.
- * Emergency stop or when, mounting and removal Do not of the working machine Etc. At the time of work in a narrow place, please use the clutch.
- * While the vehicle is running, while placing the hand on the main shift lever Please do not.
- * Steep slope, loading-unloading of the vehicle, to Hojo

 Of out, in such overcoming of the ridge, because it is

 dangerous to speed on the way, make sure that you put in
 advance a safe slow speed position.
- * During the cold start, the mission oil is warm or

 So, when you start with the main transmission lever, there are
 times when time to start from putting the shift lever is that
 written. (Start delay)
 - A Please Provide adequate warm-up operation. If warm

 If you do not have enough time to the machine operation,
 please start by operating the clutch or to start in the shuttle
 Rureba.
 - A Since the start delay is not unusual at the time of low temperature,

 Please do not get off the tiger Kuta remains were placed in the main
 shift lever to the transmission. Late there is a possibility that the out
 come dynamic.

重 要

- * To keep the hydraulic clutch synchro of life, Please note the following points.
- 1. please go to choose the vehicle speed and engine speed for your work.
- 2. Please avoid abrupt shift down.
- at the time of first use of the transmission of the tractor, it may lead sound of the hydraulic clutch is, but it is normal if the oil temperature is coming up.

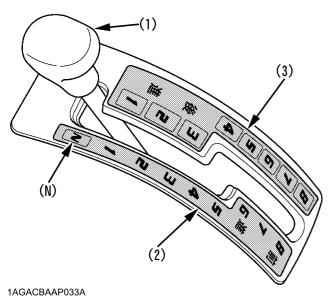
KL210 · 230 · 250 · KL330-T (W) safety frame specifications

• shift operation

- main transmission lever, you can shift in Roh Nkuratchi regardless of the stopped and running.
- 2. more on the combination of the shuttle lever and the creep lever

Forward → 16-stage

The speed of the reverse \rightarrow 16 stages can be obtained.



(1) main shift lever (2)

forward speed label (3)

reverse speed label (N) [Neutral]

position

KL270 \cdot 300 \cdot 330 \cdot 300D \cdot 330D \cdot 360 \cdot 430 safety frame specifications

KL210 · 230 · 250 · 270 · 300 · 330 · 300D · 330D · 360 · 430 ·

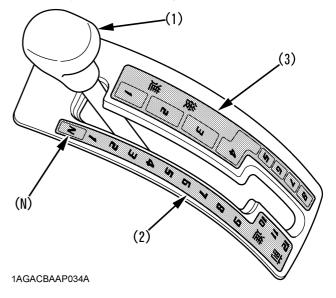
410H-PC · 500H-PC safety cab specification

• shift operation

- main transmission lever, you can shift in Roh Nkuratchi regardless of the stopped and running.
- 2. more on the combination of the shuttle lever and the creep lever

Forward → 24-stage

The speed of the reverse \rightarrow 16 stages can be obtained.



(1) main shift lever (2)

forward speed label (3)

reverse speed label (N) [Neutral]

position



* When the reverse, the main shift lever is one-speed reverse label

Within the scope of al 4-speed, there are each two-step, but the reverse speed does not change.

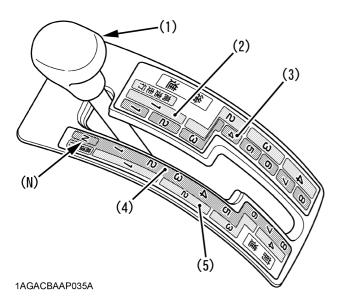
KL210H · 230H · 250H safety frame specifications

• shift operation

- 1. main transmission lever, you can shift in Roh Nkuratchi regardless of the stopped and running.
- 2. more on the combination of the shuttle lever and the creep lever

Forward → 20-stage

Reverse → 20-stage vehicle speed can be obtained.



(1) the main shift lever

(2) reverse speed label (for high-speed running)

(For creep lever low and high speed) (3) reverse speed label (4) forward speed label (for creep lever low and high speed) (5) forward speed label (for high speed) (N) [Neutral] position



* Number of gears of the main transmission lever, creep lever

But [Low] When [High] Inner label fast position (3) (4) [High speed] Please refer to the outer label (2) (5) as a reference in the position.

* During high-speed driving, the main shift lever each with each shift range There are two stages, but the rate does not change.

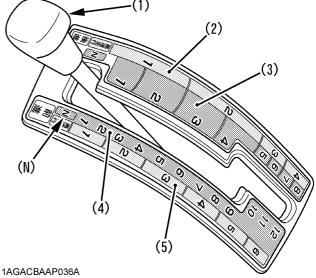
KL210H · 230H · 250H · 270H · 280H · 310H · 340H · 380H · 410H · 460H · 500H · 550H safety cab specification KL270H · 280H · 310H · 340H \cdot 380H \cdot 410H \cdot 460H \cdot 500H safety frame specifications

• shift operation

- 1. main transmission lever, you can shift in Roh Nkuratchi regardless of the stopped and running.
- 2. more on the combination of the shuttle lever and the creep lever

Forward → 30-stage

Reverse \rightarrow 20-stage vehicle speed can be obtained.



(1) main shift lever (2) backward speed label (for high speed) (3) reverse speed label (for creep lever low and high speed) (4) forward speed label (for creep lever low and high speed) (5) forward speed label (for high-speed running) (N) [Neutral] position



* Number of gears of the main transmission lever, creep lever

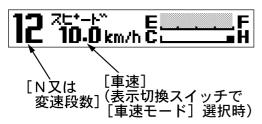
But [Low] When [High] Inner label fast position (3) (4) [High speed] Please refer to the outer label (2) (5) as a reference in the position. * During high-speed driving, the main shift lever each with each shift range

There are two stages, but the rate does not change. * When the reverse, the main shift lever is one-speed reverse label

Within the scope of al 4-speed, there are each two-step, but the reverse speed does not change.

Electronic meter message

* Operation during the shift stages and the vehicle speed is displayed.



* KL210H · 230H · 250H · 270H · 280H · 310H · 340H ·
In 380H · 410H · 460H · 500H · 550H-type tractor, the creep lever [High speed] When you shift to the position, it will be the number of speeds displayed ... highlight of 2



Shuttle lever



- * In order to avoid sudden acceleration, lower the engine rotation

 Be sure to operate the shuttle lever from.
- * Shift operation of the [forward] ← → [reverse], said

 Tan [neutral] in the position, please operation after confirming the stop of the tractor.
- * The reverse is out about the same speed as the forward.

 If the reverse is the shuttle lever after confirming that the ambient conditions are safe to put in the rear proceeds] position, please backward at a safe speed.

Also during the reverse, please drive especially close attention to the surrounding situation.

Lift the lever, press ago [Forward] , Pulling in front (after) [Backward]

is. Lever operation, you can change speed even if (non-clutch) not stepped on a click latch base Dal.

■ Creep lever

[For more information on handling [4. manipulate the levers required according to the work] See the section]

Stop, parking



* Since U shift hydraulic transmission, shift formate

Also stop the engine put yer, you do not hear the engine
brake. As the parking after the tractor is not Ugokidasa,
please take the sure parking brake



* When you park, tractor be stable in the flat

Select that location, each of the shift lever (the main transmission, Shuttle · PTO) [neutral] (N), the working machine [lower down], the parking brake [over], remove the key the engine [Stop] to please.

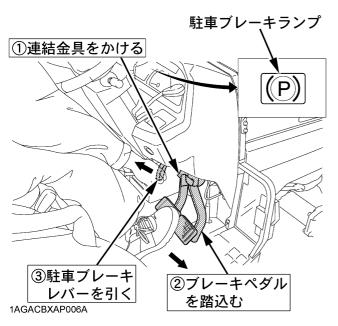
If you must park on a slope, please refer to the bollard to the tires.

- * Deposited location of dry grass and straw, such as combustible materials In, please do not park.
- * When placing a sheet to the tractor or the like stored

 Is, please take a line from the muffler and the engine is
 sufficiently cold.
- * When you get off the tractor, rotary, etc.

Please wait until the PTO working machine comes to a complete stop.

- 1. Press the accelerator lever forward, and then the engine times rolling in the idling state.
- 2. the clutch and brake pedal to or [depression].
- 3. If you are fitted with a working machine, a hydraulic lever slowly [defeated forward] Lower the working machine.
- 4. from the stop completely, the shuttle lever, the main change speed and PTO shift lever in the neutral] (N).
- 5. Parking surely [lock] to do the brake.

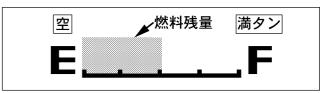


6. key switch to [OFF] to stop the engine.

Handling of electronic meter panel

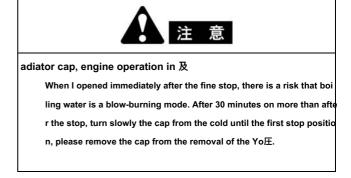
■ Fuel gauge

By the liquid crystal block, to display the remaining amount of fuel. Block is [E] Please replenish the fuel as soon as possible Once you close to.

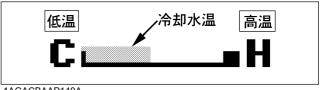


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Water temperature gauge



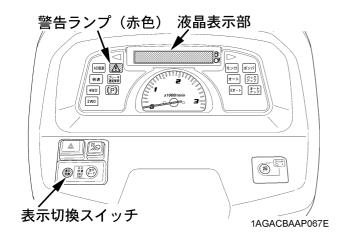
By the liquid crystal block, to display the cooling water temperature. * R

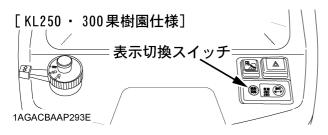


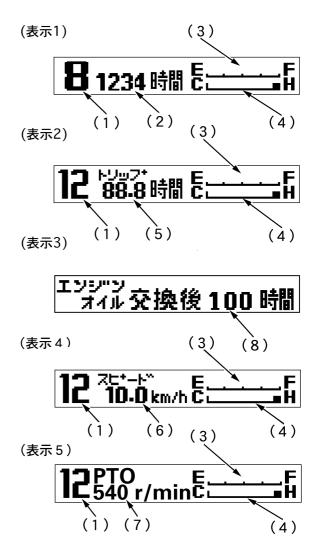
1AGACBAAP149A

■ The switching of the display

The liquid crystal display portion of the electronic meter panel can be switched to five modes of display 1 to 5 for each pressing the display switching switch. Please be switched depending on the work.







(1) number of speeds

(Shift number is displayed only U shift (F) specification) (2) hour meter (i ntegration time) (3) fuel gauge (4) water temperature gauge (5) trip time (time) (6) vehicle speed (per hour) (7) PTO shaft speed (rev / min) (8) engine oil replacement trip time

補足

2 seconds Press the display change-over switch * display 2 state

Vinegar and trip meter 0.0 It will be reset to.

2 seconds Press the display change-over switch * display 3 state

Strike, the message display time 0 It will be reset to. (For more information on handling [Inspection and maintenance of every 100 hours]

of Reset method of electronic meter message] See the section)

* Towing work, etc., the tire is not slipping

Vehicle speed display is different from the actual vehicle speed of the case that.

Electronic meter message

When the operation in the following message is displayed, immediately stop the work, sure to treatment according to the message. It should be noted that when the cause is not known, please consult your place of purchase. (If other than the following message is displayed, at the end of [Upset with the treatment] Please refer to the chapter.)

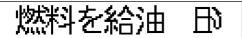
• fuel level warning

* When the fuel remaining amount is less than or equal to about 4L, the following message is displayed on the meter panel.

Please be immediately replenished with fuel.

Since the air enters the empty and the fuel system, it must have an air vent.

[Inspection and maintenance as needed] of [Way of venting of fuel] See section

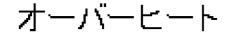


補足

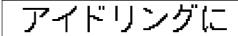
* You can switch to the display 1, 2, 3, 4 in the display change-over switch.

• overheat warning

* When the engine is overheating, lamp (red) will flash on the meter panel, A following message exchange
It will be mutually display.







- 1. stop the work,
- Please refer to the engine to idle. When the water temperature drops, the message is After cooling, the inspection Changes to.
- 3. Stop the engine, from the cold standing for more than 30 minutes after the stop, please refer to the following inspection and maintenance.
 - (1) reserve tank, the amount (deficiency) of the cooling water of the radiator, and whether there is water leakage. (2) to the insect screen and the radiator, or mud or dust is not attached. (3) whether there is a loosening of the fan belt.

重要

- * If from the overflow pipe of the reserve tank breaking-out is steam, it should be subjected to treatment by the above procedure

 There.
- battery charge abnormal warning
- * When abnormality occurs in the charging system, the lamp (red) flash meter panel, displays the following message

 It will be.

充電系異常 🖽

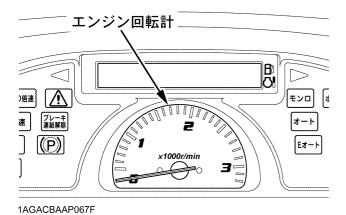
- engine oil low oil pressure warning light
- * When abnormal lubrication system occurs, the lamp (red) flashes trument panel, is the following message You.

Immediately stop the engine, please check the engine oil level.

エンジン油圧異常

In the following cases, it immediately goes to stop the engine Sai

- 1. rotation suddenly to rise or or down.
- 2. Suddenly, built an unusual sound.
- 3. exhaust color becomes suddenly black.
- Tachometer



• engine tachometer

It shows the engine revolutions per minute.



* PTO rotational speed, is displayed in the message display unit

Cause you can. ([Handling of electronic meter panel] of [Display of the switching recombination] See the section)

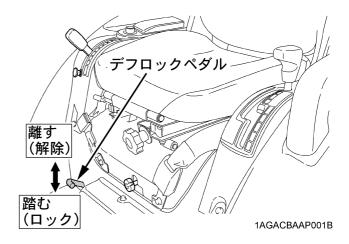
Using the differential lock

■ Differential lock pedal

In the device left and right rear wheels are driven at the same rotational speed, it is effective in anti-slip.

It depresses the pedal is locked.

Release the foot from the pedal ... automatically disengaged.



• use of the differential lock



- * You can not swivel without turning the differential lock
 Hmm. Please be sure to cancel before turning.
- * Never use the differential lock at the time of the road running

 Please do not. You will not be able to handle the operation.

Differential lock is useful in the following cases.

- 1. etc. when out and front loader work on the farm, when a single wheel can not go straight to slip.
- 2. only write contains the single wheel in some soft place of farms, when it becomes difficult to traveling to slip.
- 3. plows work in tasks that require traction, etc., when one wheel slips.



* When you put the differential lock is, the engine rotation

Please perform from down. * Missing difficult time, the left and right exchange the brake pedal

Please stepping on each other lightly. * When not in use, do not put the foot on the pedal

Please give me.

Way of turning



* When turning at high speed, there is a risk of rollover

You. Check the release of the differential lock pedal, as much as possible off the engine rotation, please turning slowly Lito.

Operation of a slope



- * Solution of the coupling and the differential lock of the brake pedal Please check removal.
- * Or to the main transmission in the neutral] is on a slope, cladding

 Do not traveling by inertia to turn off the switch.
- * Please do not shift in the middle of a steep hill.

 Please traveling from the shift in advance a safe vehicle speed.
- 1. In a safe speed according to the slope situation, let's running so as not to put as much as possible the burden on the engine.
- 2. In the uphill Let's early to late shift position so as not to knock.
- In the downhill Let's take advantage of the engine brake. As lowering the vehicle speed engine brake is Masu good Kukiki.

Note upon entry and exit from Hojo



- * The left and right of the brake pedal, and always [Consolidated]

 Please keep in.
- * And out of the Hojo, the danger that the large difference in height is.

Please use such as Ayumi plate.

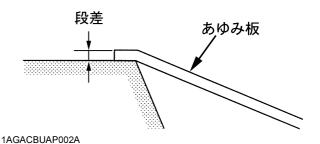
- * And out of the Hojo is carried out at right angles to the ridge Please give me.
- * During and out of the Hojo in advance slow car Driving fast, please do not shift on the way.



- * Running mode selector switch [2WD] or [4WD]
 Please be in.
- When the processing proceeds to lower the working machine, not until lifting the front wheel. Please operate while considering the balance of front and rear wheels at all times.
- When you go up the ridge, taking advantage of the features of the 4-wheel drive, and increase the ability to go up to much and go up in the back.
- In the case of Pawakuro specification



* Only one side of the crawler ride caught on the step
If you became a Riagara no state, once back in the
vehicles, please try again from the beginning again over
Ayumi plate.

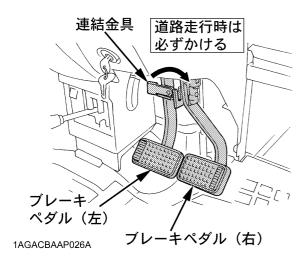


Caution in road travel



* When traveling on the road, left and right of Burekipe
Please be sure to connect the Dar.

If you do not consolidated, brake is on one Giki, car body and sharp turn, there is a risk of causing an accident such as a fall-fall-collision.





- * When traveling on the road, depreciation protect the applicable laws and regulations

 Please refer to the whole operation.
- * Do that you do not put the other driver

 There.

Cause of fall accident.

- * The farm roads that farm road or both sides with a groove is inclined

 When passing through, please particular attention to the road shoulder.
- * Tractor, fitted with a working machine such as a rotary

You can not travel on public roads in. [Safety

standards for road Trucking Vehicle Law]

(When you attach the working machine traveling on the road, hooked a rotary such as in the other car, a utility pole or guardrail, resulting in an accident.)

- * The Monroe Auto switch at the time of the road running
 Please traveling in the sure [Off]. [MA · MAD
 specification]
- * Please check off of Pompa lamp.

[MA · MAD specification]

- If you want to change the course in public road direction, please be sure that you know t
 he course direction to the other car in the direction finger 示器.
- During night driving, when you pass each other with the oncoming vehicle, the headlights and downward irradiation, be careful so as not to interfere with the oncoming vehicle.
- In the railroad crossing, be sure to temporarily stop, after the confirmation of the left and right, please be over quickly.



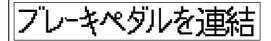
* Working lights, including the front side working light [road

Safety standards for transport vehicles] Article 42 in the (limit of such color lights), [Lights that do not use while driving]

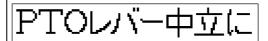
Is a, point lights of the road while driving from the fact that when road travel while lighting the interference of other transportation vehicle is prohibited.

Electronic meter message

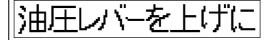
- * When traveling in the following message is displayed
 Is, immediately stop the tractor, please be treated in accordance
 with the message. Message is displayed when the vehicle
 speed exceeds 7km / h. In addition, when the display factor of
 two or more, will be displayed alternately.
- when the brake coupling fittings are not connected



• When the PTO gear shift lever is not in neutral



• When you are lifting the working machine in Pompa



Loading-unloading of the track



- * Ayumi plate, sufficient strength, width and length (slope But less than or equal to 15 degrees Length: use the ones with non-slip with a truck bed height more than four times), please choose the location where the plate Ayumi by the weight of the tractor does
- * Loading-unloading the driver in advance slow vehicle speed And, please do not shift in the middle.

• In the case of tire specifications

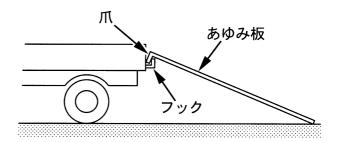
] Please carried out in the back to. In the unlikely event that the engine stall in the middle, immediately depress the brake pedal, then gradually loosen the brake, once down to the road, please be performed from the start the engine again.

• In the case of Pawakuro specification

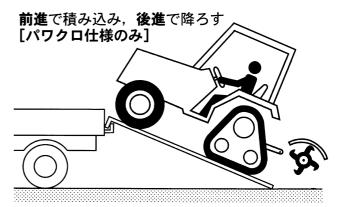


- * Track over the nail plate Ayumi in the carrier rear Please use the ones that hook with that.
- * Loading-unloading of the track, make sure the left and right of the probe The Rekipedaru the [consolidated], narrowing Masonry in [forward], please let me off at the [reverse]. When you get off in advance, crawler Ri all in the step of Ayumi plate, the vehicle is turning to float the front wheel, it may lead to a fall accident.

In the unlikely event that the engine stall in the middle, immediately Loading of the track, make sure the left and right of Burekipeda Le [Linking depress the brake pedal, then gradually loosen the brake, once down to the road, please be performed from the start the engine again.



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1AGACBUAP004A

Handling of power steering



* In the power steering engine operation, Ha
Since the bundle operation will be very lightly, running,
please carefully done.

重要

* Power steering, only during engine operation

It will be activated. However, some handle becomes heavy when the engine speed is low. It should be noted that, when the engine is stopped, the play of the handle will increase, but there is no functional problem. * Use the front mounting work machine such as a loader, tiger

By operating the handle while stopped Kuta, it may become heavier in developing. In this case, please operate the handle while moving the tractor at a low speed.

- * If the handle full cut, the operation sound of the safety valve

 (Relief sound) comes out. Please do not or or use this sound rang. (Not plated or in a short time.) In addition, the continuous use of a full rotation state of the handle, it should be avoided as much as possible.
- * Stationary steering of unnecessary handle (not drive

 Turn off the handle), please avoided accelerate the wear and
 tear, such as tire and rim. * Winter use from fully performing
 warm-up operation

Please give me.

External power supply lead terminal

■ Power coupler

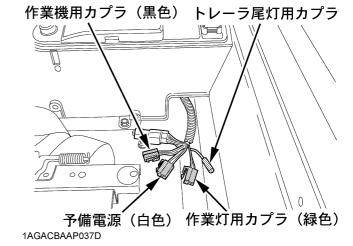
Work lights, trailer tail light, loader power, when you use the spare power supply, you will each of Kapuragaa to the rear seat.

補足

* Of the safety cab specification, work lamps coupler roof

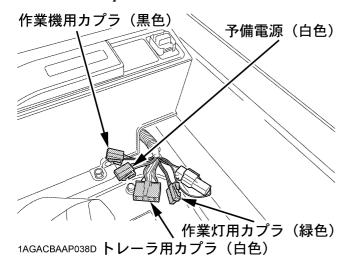
There is of the front and rear. Safety cab specification, Shigaraita
in the following figure 2P coupler (green) is connected.

[KL210 · 230 · 250 · 270 · 300 · 330 · 300D · 330D · 360 · 430]



Trailer taillight	1P coupler
Working lights [Safety frame specification of the second s	cation] 2P coupler (green)
Working machine (loader)	2P coupler (black)
Standby power supply [Safety frame s	pecification] 2P coupler (white)

[KL210H · 230H · 250H · 270H · 280H · 310H · 340H · 380H · 410H · 460H · 500H · 550H]



Trailer	8P coupler (white)	
Working lights [Safety frame specif	cification] 2P coupler (green)	
Working machine (loader)	2P coupler (black)	
Standby power supply [Safety frame s	pecification] 2P coupler (white)	

• trailer coupler power

[KL210H \cdot 230H \cdot 250H \cdot 270H \cdot 280H \cdot 310H \cdot 340H \cdot 380H \cdot 410H \cdot 460H \cdot 500H \cdot 550H]

(1)	(2)	(3)	(4)		
	(7)	(6)	(5)		

1AGACBAAP204E

	Wiring color		
Power supply	Safety frame specification	Safety cab	
(1) Ground	black	black	
2) parking lights	Green Red	Paleness	
(3) flasher left	Verdigris	Verdigris	
(4) brake lamp	Yellow Red	Greenery	
(5) flasher right	Black-and-white	Green Red	
(6) tail lamp	Green Red	Paleness	
(7) back lamp	Yellow orange	purple	

重要

To do. Cause of a blown fuse.

 $^{^{\}star}$ Loader power supply, spare power is used at the same time can

In the case of Pawakuro specification

The serial has been mounting the way of a special operation in the case of Pawakuro specification. Other handling operations is the same as the tire specifications of the tractor.

Driving operation



*Absolutely high-speed traveling at a lot of irregularities and curve

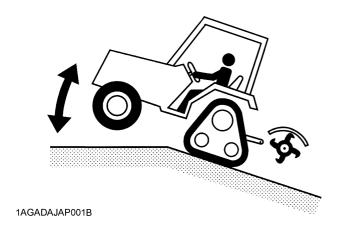
Please do not. There is a handle operation can be such

Kunar fear.



* When the crawler unit overcome the convex portion is abruptly

Attitude will change so please be careful.



- running speed is not the same as the tire specification. [With table] of [Running speed table] Please Confirm.
- turning in Hojo lowers the rate, please a combination of steering wheel and brake (single brake). Sudden turning of a lock on the one side crawler, we recommend turning in the turning-back so you troll the Hojo.



* Down one side of the crawler, such as the plow work in the groove

In the case of work to be Te, please check the tension of the
crawler. Please do not get away forcibly from the step also.

補足

- * At the time of the long-distance movement, front tire and rubber

 It is recommended island to transport piled up in the truck and trailer for the early anti-friction of the crawler.
- Using the History panel



- * Ayumi plate aligned left and right tip, shift back and forth Please be securely fixed so as not.
- * Difference in level between the surface multiplied by the Ayumi plate and Ayumi plate

 If so, the operation please pay particular attention to.
- * Since it is dangerous to speed on the way, in advance

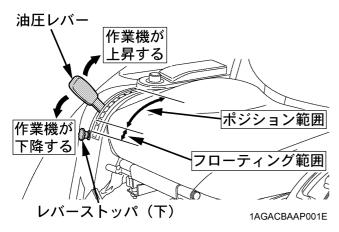
 Please drive at a low speed and put in a safe slow speed
 position.
- * Ayumi plate, sufficient strength, width and length (slope
 15 degrees or less to become Length: bed height of the track,
 or Hojo driving into 4 times the height of) Use a NOR
 Rusuberi with stop and claw, not tilting the plate Ayumi by
 weight of Pas Wakuro please select a location.

Working machine lifting device

Hydraulic system during engine speed regardless of the intermittence of the clutch is always activated.

■ Hydraulic (position control) lever

Hydraulic lever is a device to raise and lower the working machine by hydraulic pressure.



	The position of the lev	er position the w	orking machine working machine
Po di Deployment range	In lowering direction In this range dec	reases to m	아마네 isorking machine
	Go up to move to direction	the up	can be set and held in any position.
Flow - ting range	It falls down posi	tion	In this range, working machine to or fall now sect.

- How to use the lever stopper (descending side)
- 1. In the hydraulic lever, to determine the work to the desired position.
- 2. Secure the lever stopper in its position.
- 3. Then, by moving the hydraulic lever to the lever stopper to our barrel, the same work position can be obtained.
- Handling characteristics of the hydraulic lever

[MA · MAD specification]

- 1. After the engine is stopped, the key switch [ON] West
 - Te, the hydraulic lever [Defeat forward] And, working machine is lowered. (Pompa lamp Blinking does not decrease. The hydraulic lever is operated in accordance with the electronic meter message, please release the blink of Pompa lamp.)
- When you have won Tadashi the height of rise in the three-point link height regulation dial, not only not increase want to limit position.

■ Three-point link height regulation dial

[MA · MAD specification]

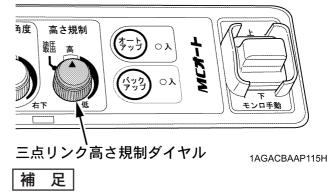
This is used to change the increase in the upper limit position of the three-point link.

1. Dial [High] If you, on top of the three-point link

Noboridaka of will be higher.

2. Dial [Low] Turn to the direction, the three-point link

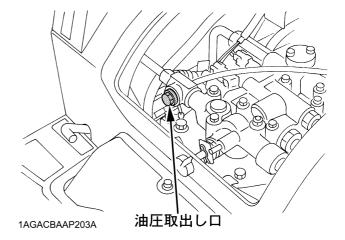
Increase the height of the will decrease.

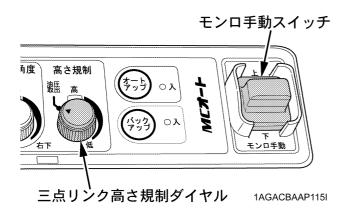


* Three-point link by the height regulation dial, Pompa Lever, hydraulic lever, it can the up position of the auto-up and backed up by regulations to any height.

How to use + hydraulic take-out

Use it when you take out the hydraulic pressure from the hydraulic cylinder.





- 1. pompa lever or, in the uppermost position of the three-point link in a hydraulic lever, the Monroe matic [Parallel Stop] You then.
- 2. three-point link the height regulation dial [Hydraulic pressure takeoff] To the on position.
- 3. hydraulic pressure of the take-out [Up neutral lowering] It is, Mont B done in the manual switch

Electronic meter message

* After starting the engine, a three-point link height regulations da

The dial [Hydraulic pressure takeoff] When you position, the following message is displayed.



* Hydraulic taken out of work after the end of, [Hydraulic pressure takeoff] The solution Divided, make sure the extinction of the message.

補 足

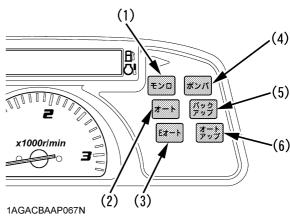
* Three-point link the height regulation dial [Hvdraulic pressure takeoff] When you position, Monroe, auto, E Auto Pompa, backup, auto up Each lamp of will go off. * [Hydraulic pressure takeoff] In the position, the hydraulic lever, Ponpare

Bar, Monroe matic auto does not work. * [Hydraulic pressure takeoff] Stop the engine in position, again

[Hydraulic pressure takeoff] If you do the work, after the engine has started, [Hydraulic pressure takeoff] To release the the (dial [OII pressure outlet and out] From position [High] * When fitted with a new working machine, Ponpare Or [Low] Of turn to direction), please again [the hydraulic pressure takeoff] position. * After the end of the hydraulic take-out work, [Hydraulic pressure takeoff] The

Please cancel. * [Hydraulic taken out] In use, a three-point link at the same time

Since there is a case to be working, please do not perform simultaneous use of the three-point link.



(1) Monroranpu (2) Auto lamp (3) E Auto lamp

(4) Pompa lamp (5) backup lamp (6) Auto-up lamp

Pompa lever

[MA · MAD specification]



- * In addition to the work Hojo, do not use the Pompa Please out.
- * Do not the road traveling at Pompa-up state Sai. Please use the hydraulic lever in the off-site (mobile, etc.) ho.

It is a device that raises and lowers the working machine with one-touch operation of the lever. Turning operation in the Hojo is be or become convenient. Raise lever (Pompa Lamp lights up) ... reduce the working machine lift levers (Pompa Lamp Off) ... after the working machine rises working machine down pompa lever, when the hydraulic lever to the uppermost position, pompa control is released (Pompa

Lamp off), it will be in position control.



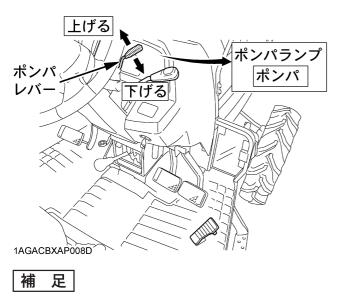
* Pompa lever is lighter because it is a switch operating force In works. Do not use excessive force.

- Instead of the bar, raise the working machine using the hydraulic lever, please make sure that the working machine is not hit the
- * Pompa lever during the operation, sounds buzzer sound once or It is.

• Tips for Using of Pompa

The lowered position when you release the Pompa lever is the position set in the hydraulic lever.

For example, such as puddling Hello, if you move up and down to fix the position of the working machine, while set the hydraulic lever position, it can be raised and lowered by Pompa lever. [Tilling depth position control]



* Pompa If the lamp is blinking, hydraulic Les

Operating the bar or Pompa lever, Pompa Of run-flops [Unblink]

Be sure to use it after.

■ Safety lock function of the three-point link

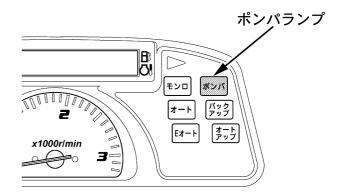
[MA · MAD specifications] •

safety lock

When you start the engine in the following state, the safety lock is activated the working machine will not move up and down.

- When the height and hydraulic lever position of the working machine (position when the engine stops) is different.
- 2. three-point link height regulation dial [Hydraulic pressure takeoff]

When that is the position. When the safety lock is activated, **Pompa** Lamp is blinking like on purpose, the release method **Electronic meter message** And to appear.

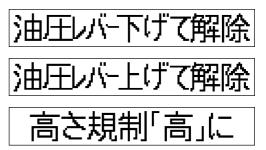


1AGACBAAP067O

Electronic meter message

* Release of the safety-locked, the following message

Please cancel according to. When the safety lock release, sounds or
to the buzzer sounds twice.



Three-point link the height regulation dial [Hydraulic pressure takeoff] From position [High] Back to.)

補足

* Safety lock, raise the working machine in Pompa lever

And it can also be cleared. * Electronic meter message **Solution by lowering**

hydraulic lever

Removal It is, does not display when the vehicle speed is greater than or equal to about $7 \, \text{km} \, / \, \text{h}$.

■ Auto-up switch

[MA · MAD specification]



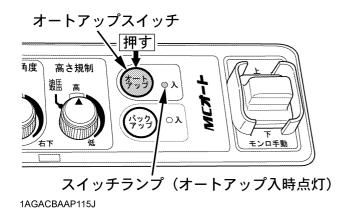
- * Because of the risk prevention, the use of auto-up, ho
 Please be only in the hall work.
- * If you are working with auto-up, lamp

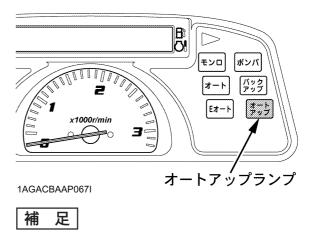
 Please make sure that it is on. When the lamp is off, the working machine does not increase automatically. When turning in this state, drag the work machine, there is a fear to cause a fault accident.
- * After the operation of the switch you start the engine

 Please perform to. Since decreases the battery voltage for a

 moment by the engine start-up, there is a case where the

 operation of the switch is disabled or be.
- auto-up use
- Press the auto-up switch [ON] You to.
 Auto up [ON] Of the meter panel when Auto up Lamp lights.
- 2. When turning in the adjacent tillage work, and turning the steering handle, the working machine is raised automatically, turning operations in Ho hall is easy. (The rising buzzer beeps once.)
- 3. When lowering the working machine, please be carried out in Pompa lever or oil pressure lever.
- 4. If you press the auto-up switch again, auto-up [OFF] It will be. (Auto up lamp Off)





* Shuttle auto-up even during the lighting lever

[Neutral, reverse] And PTO transmission lever [Neutral]

In the case of auto-up it does not work. * In the non-adjacent tillage work, auto apps

The switch [OFF] Please be in.

■ Backup switch

[MA · MAD specification]

The backup **[ON]** If you leave, the reverse when the working machine is automatically increased, **[Carelessly back]** To prevent damage to the working machine from.



* Operation of the switch after starting the engine

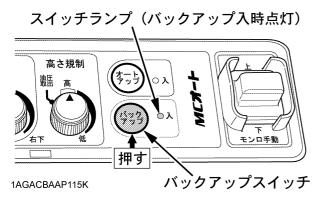
Please perform. Since decreases the battery voltage for a

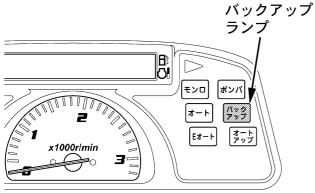
moment by the engine start-up, there is a case where the

operation of the switch is disabled or be.

• How to use backup

- Press the backup switch, [ON] You to.
 backup [ON] At the time, the meter panel
 backup Lamp lights.
- 2. put the shuttle lever to the reverse, will rise working machine automatically.
- 3. When lowering the working machine, please be carried out in Pompa lever or oil pressure lever.
- **4.** Press the backup switch again, back up **[OFF]** It will be. (**backup** Lamp off)





1AGACBAAP067G

Adjustment of the working machine fall speed



- * If you want to check the rotary such as working machine, &

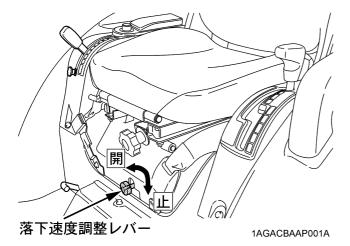
 Not a drop rate adjustment lever, please lock (stop) so that the

 working machine that it does not fall off.
- * After locking in falling speed control lever, hydraulic

 The lever [to defeat forward], please be sure to check that the working machine that it does not fall off.
- * Appropriate jack or parts with lock

 And the pawl in the lock, please perform the fall prevention.

Working machine drop under the speed can be adjusted by turning the falling speed adjustment lever. (Rotation angle of 90 $^{\circ})$



[Open] Turn in the direction:

Open hydraulic circuit, the falling speed of the working machine make the subject quickly.

[Stop] Turn in the direction:

The hydraulic circuit is closed, the falling speed of the working machine is the slower. ([Stop] Turning to the full in the direction, the hydraulic pressure to lock (stop).)

The falling speed of the rotary is the appropriate one to two seconds in the ground until from the raised position.

Especially during auto-tilling, you may not be able to slip Kana tillage and falling speed is too fast.



* Lever hydraulic lock will only turn lightly Please do not forcibly turned from you. (Rotation angle of 90 °)

• hydraulic lock handling of

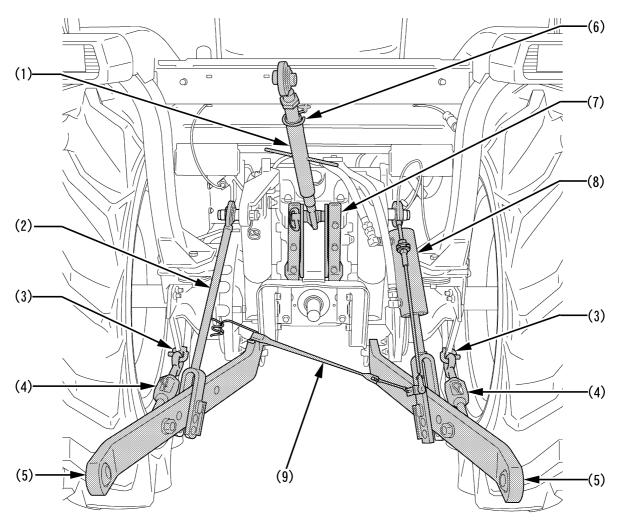
- storage of the tractor, please keep in a state in which down the working machine. If you keep a long time in a state in which raise the working machine, it may be down even though the hydraulic lock or be.
- If you want to store in the state in which raise the working machine, please be
 performed in the following manner. (1) Drop speed adjustment LES while applying
 the engine

The bar [Stop] Please turn in direction. (2) Tilt the hydraulic lever forward, working machine is under

Please make sure that there is no et al. (3) Please stop the engine. (4) Keep in again raising the hydraulic lever Do

There

Three-point link



1AGACBAAP039C

(1) top link (2) lift rod left (3) check chain

- (4) turnbuckle (5) the lower link
- (6) top link hook

- (7) the top link bracket (8) lift cylinder (lift rod right)
- (9) Futome rubber

- 1. three-point link is a JIS 1 form.
- 2. **KL210 · 230 · 250 · 210H · 230H · 250H type tractors** The Those who purchase, top link Assi is the specification Please be purchased separately because it is not included in some.
- 3. When equipped with a working machine for the three-point link (3) check the chain, (5) If the lower link is with cause this product to contact the tire, ple ase spread the Kowawa距. (Detail is [Adjustment of Wa距] See the section]

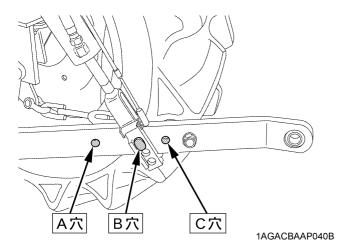
1. Prepare the in-pull instrument before mounting

■ Selection of the lower link mounting holes

[KL210 · 230 · 250 · 270 · 300 · 330 · 300D · 330D · 360 · 430 · 210H · 230H · 250H · 270H · 280H · 310H · 340H · 380H · 410H · 550H]

The table below be sure to select the correct mounting holes in the reference.

	Lower - link hole position
When there is no auto-hitch	A hole
frame General working machine is installed.)	B hole [KL550H]
When equipped with auto hitch frame for the special three-point link (rotary)	B hole (C Hole optionally seed ing machine mounted)
When W3P with auto hitch frame for [W3P specification] (rotary)	B hole [KL210 · 230 · 250 · 210H · 230H · 250H · 330-T (W)] A hole [KL270 · 300 · 330 · 300D · 330D · 360 · 430 · 270H · 280H · 310H · 340H · 380H · 410H · 550H]



補足

* When you use the C hole of the lower link, riff

Hole on the Toroddo can not be used. * Rifutoro' when using Kubota rotary

De hole positions Rotary's instructions Please refer to.

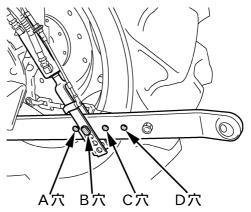
* Lift if you use a third-in pull instrument

Rod hole position, please consult place of purchase. (In pull instrument list Reference) * KL410H-PC, you do not have a C hole.

[KL460H · 500H]

The table below be sure to select the correct mounting holes in the reference.

	Lower - link hole position
When there is no auto-hitch frame (general working machine is installed.)	B hole
When equipped with auto hitch frame for the special three-point link (rotary)	C hole (D hole needed during soving machine mounted)
When W3P with auto hitch frame for [W3P specification] (rotary)	A hole



1AGACBRAP004A

補足

* When you use the D hole of the lower link, riff

On the hole and the hole of the second stage from the top of Toroddo it can not be used.

* Rifutoro' when using Kubota rotary

De hole positions Rotary's instructions Please refer to.

* Lift if you use a third-in pull instrument

Rod hole position, please consult place of purchase. (In pull instrument list Reference) * KL500H-PC, you do not have a D hole.

2. attachment and detachment of the working machine



- * Before you can attach and detach the working machine, stop the engine without fail please. In addition, PTO working machine such as a rotary, please wait until it stops completely.
- * When the parking brake is not applied, the door

 Rakuta and Do not enter between the working machine.
- * Attachment and detachment of the working machine, carried out a hard flat plac please.
- *When fitted with a working machine, on a working machine with a hydraulic

 Do not, be sure to check whether or not there is out of

 contact and the universal joint of the tractor.

■ Monroe external operation switch

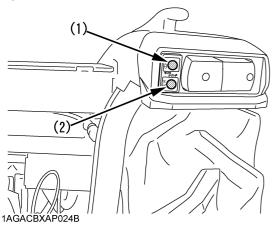
[KL360 · 430 · 380H · 410H · 460H · 500H · 550H MA · MAD specification]



*When it is equipped with a working machine, in particular machine

Since there is caught fear, please do not operate.

When the working machine installed, you used when you change the lower link height.



(1) Monroe external operation switch (up) (2) Monroe external operation switch (lowering)

Monroe external operation switch (1) or, to expansion and contraction between, Monroe cylinder is pressed (2).



* Monroe switch [OFF] Please use this in.

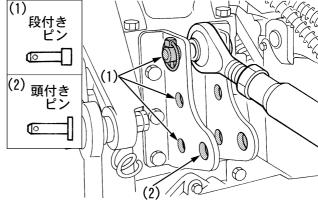
Monroe switch **[ON]** In if you want to use, and return to the original horizontal position when you release your hand from the switch.

■ Top link

• selection of mounting holes

Sure to select the mounting holes by the work machine to be used. Please do not use other than the specified mounting holes.

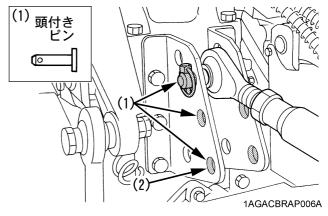
[KL210 · 230 · 250 · 270 · 300 · 330 · 300D · 330D · 210H · 230H · 250H · 270H · 280H · 310H · 340H]



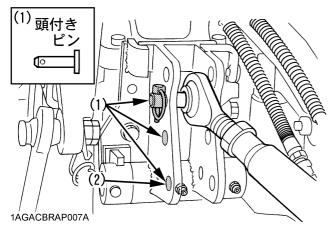
1AGACBAAP041A

(1) the top link mounting holes (stepped pin used) (2) W3P for auto hitch frame used during the mounting holes (headed pin used)

[KL360 · 430 · 380H · 410H · 460H · 500H · 550H]



[With draft (MAD) specification]



(1) the top link mounting holes (headed pin used) (2) W3P for auto hitch frame when using the mounting holes

• top link length adjustment of

By expansion and contraction, please adjust the inclination of the working machine.

After the adjustment, please lock with a lock nut.

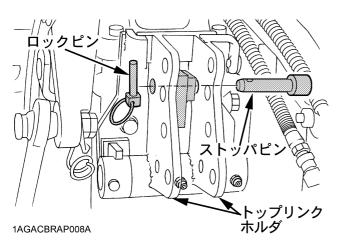


* Mounting holes and the length of the top link, the attachment

That working machine [instruction manual] please look at.

• of draft stopper pin detachable [MAD specification]

If you want to use the draft control, such as the plow work, please remove the stopper pin of the top link holder. In addition, if you use the Position control such as a rotary work, please put the stopper pin.



補足

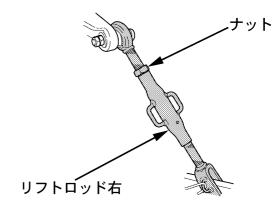
* While removing the stopper pin, a rotary tiller And perform, there are times when the auto is not working properly.

■ Adjustment of the lift rod

[MA · MAD specification Of the adjustment method [Monroe Matic Auto Handling] See the section]

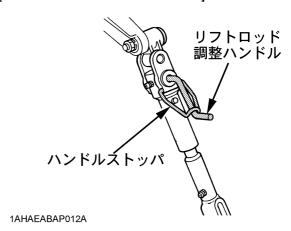
- 1. Turn the lift rod right, or handle, please to match the horizontal work machine.
- 2. After adjustment, nut, or please be fixed by the stopper.

[KL210 · 230 · 250 · 270 · 300 · 330 · 210H · 230H · 250H · 270H · 280H · 310H · 340H]



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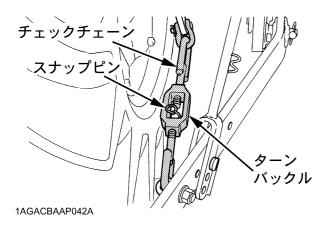
[KL360 · 430 · 380H · 410H · 460H · 500H]



■ Check chain

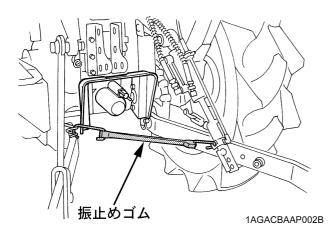
Remove the snap pin, turn the turnbuckle, please limit the run-out side of the working machine. After the adjustment, a snap pin, please secure the turnbuckle.

Work machine	Tension of the chain
Plow, halo, Sabusoira, diggers	Loosen Extent to which the working machine m oves 5 ~ 6 cm in the transverse direction
Mohr, Heireki, Tedda, Rijja, Cultivators beta	Tighten lightly
Rotary	Extent to which the work machine moves 1 ~ 2 cm in the transverse direction



■ Caution when not equipped with a working machine

When you do not attach the working machine, so that the lower link is not hit in the rear wheels, make sure you have the left and right bracing.



Tow hitch (sold separately)



* When the towing work, always towing hit

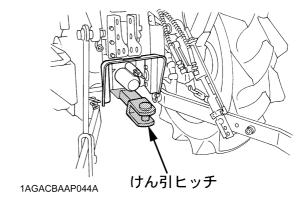
Switch (sold separately) using, make sure you do not pull in, such as the top link bracket and axle. There is a risk of causing a fall accident or be.

* Attached to the three-point link, universal from the PTO shaft

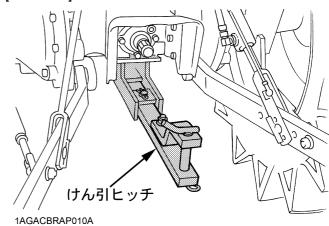
When using Inpurumen bets retrieving power Le joints
(rotary, etc. broadcaster) is sure to disconnect the
traction hitch. Otherwise, universal joints are damaged
hit the towing hitch, there is a risk of accident.

Towing, please only to Imp Rumento that has been adopted for this tractor. If you want to drive the other ones, please be sure to consult purchase.

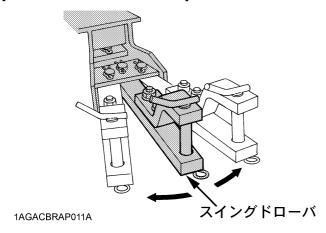
[KL210 · 230 · 250 · 270 · 300 · 330 · 300D · 330D · 210H · 230H · 250H · 270H · 280H · 310H · 340H]



[KL360 · 430]



[KL380H · 410H · 460H · 500H · 550H]

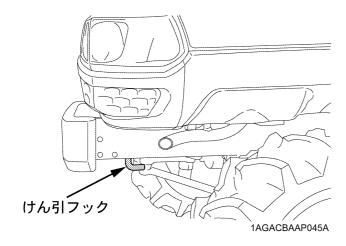


Towing hook



* Towing hook, to the lateral direction Do not attracted to the absolute Please in the strange.

When pulled to the side, there is a risk that easy to come off the frame flexes.



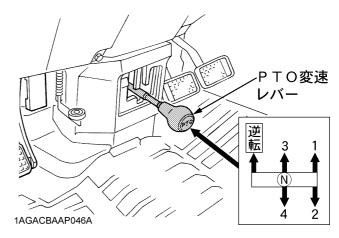
PTO

■ PTO transmission lever



* Adhere to the PTO rotation speed specified in the working machine please. A working machine to be used in the low-speed rotation, please do not use a high-speed rotation.

The rotational speed of the PTO shaft (power take-off axis), you can shift to the forward four stages and reverse one stage. Shift operation, please perform from Nde full depression of the clutch pedal without fail.



- how to use the PTO [reversal]
- 1. only working machine * specified by the manufacturer of the rotary that can be used.



- * If you use other than specified by the manufacturer, rotary, work Cause a failure of the work machine.
- 2. can be used work * earthing up work
- * When loosen the winding, such as grass or straw



* Auto switch [OFF] To the hydraulic pressure (Position
Please working in emissions control) lever. (Detail is [Monroe
Matic Auto Handling]

See the section] [MA · MAD specification]

- 3. can not use work * tillage work in non-arable land
- * Tillage work carried out by mounting the rotary of the nail to reverse Work

■ PTO shaft cover, PTO shaft cap

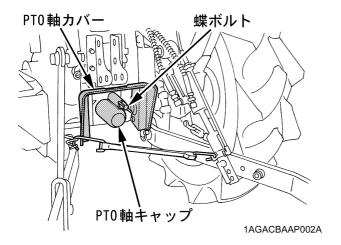


- * When not using the PTO shaft, grease the PTO shaft

 After the application, please have your attach the PTO shaft

 cap. Otherwise, there is a possibility that the cause of the
 injury caused to be caught or be.
- * When not using the PTO shaft cap, PTO shaft

 Please keep it in a safe place so as not to lose the cap.
- * PTO shaft cover is sure to always keep in mounting There.
- * Please do not climb on top of the PTO shaft cover.



Monroe Matic auto Monroe Matic Auto Draft

Handling of Monroe Matic auto

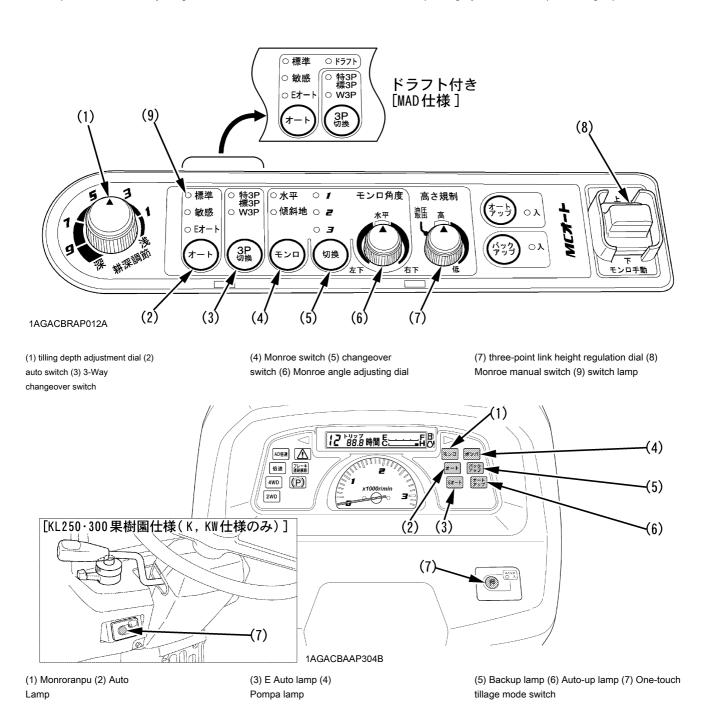


Since decreases the battery voltage for a moment by the starting of the engine, there is a case that the switch operation is disabled. performed after you start the engine.

selection state of the switch, and then displayed on the monitor lamp and each switch lamp in the meter panel. * Please operation of each switch is

■ Nomenclature

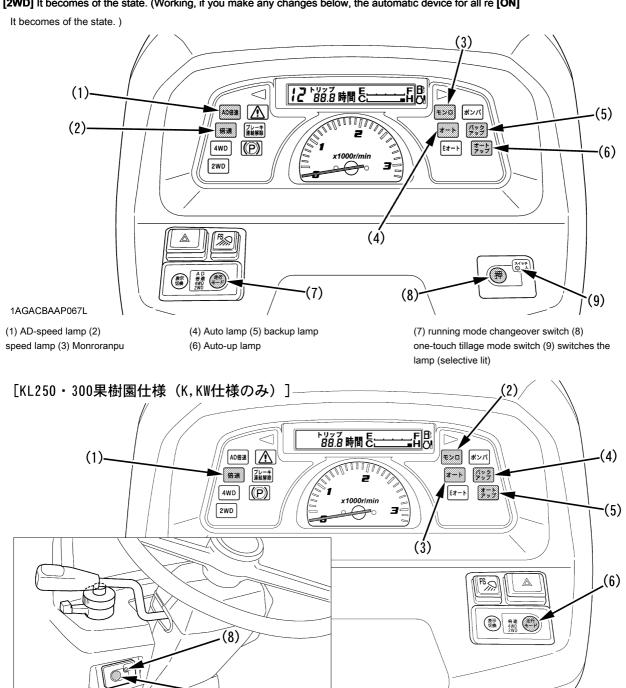
Each operation switch, and by using a touch-sensitive switch the mode is switched to each press lightly on the switch top with a fingertip. In addition, the



■ One-touch Tillage mode switch

When performing a tilling work in general Hojo only press a single one-touch tillage mode switch, all automatic apparatus tractors standard conditions [Monroe horizontal] [Auto Standard] [Auto-up containing] [backup-filled] [AD-speed] It is set to switch [ON] Lamp lights. ([Orchard specification] It is [Speed] In will be set.)

After the work is completed, press the one-touch tillage mode switch again, the automatic device all [OFF] become, [2WD] It becomes of the state. (Working, if you make any changes below, the automatic device for all re [ON]



(1) speed lamp (2)

Monroranpu (3) Auto

1AGACBAAP305A

(7) One-touch tillage mode switch (8) switch lamp

(select when lit)

(7)

(4) Backup lamp (5) Auto-up lamp (6)

running mode change-over switch

Monroe Matic auto Monroe Matic Auto Draft

• any change of one-touch Tillage mode

You can change the settings for each automated device in each operation switch depending on the work.

(If you change the setting, one-touch tillage mode switch on the lamp will turn off. Also, if you use the draft [Monroe Horizontal Lamp is turned off, Monroe [OFF] It will be.)

To return to the initial setting state, after lighting the lamp by pressing the mode switch, press the switch again, automatic apparatus are all **[OFF]** become, **[2WD]** It becomes of the state.

	Operation switch	Method of operation
I do not want to single brake. Speed do not want to twist.	Running mode change-over switch	It switched to a state of hope.
Do not use the auto.	auto switch	[OFF] To.
I want to sensitive auto.	auto switch	[sensitive] It switched to.
I want to tillage to raise the cover. auto switch		[E Auto] It switched to.
Do not use Monroe.	Monroe switch	[OFF] To.
Using the slope Monroe.	Monroe switch	[Slopes] It switched to.
When the auto-up unnecessary.	Auto-up switch	[OFF] To.
When the backup unnecessary.	Backup switch	[OFF] To.
Using the draft.	auto switch	[draft] It switched to.
I want to use the Monroe at the time of use draft.	Auto switch Monroe switch	Once the auto switch [draft] In switching, then Monroe switch [Monroe Horizontal Put in.

補足

Bei none), for the speed, respectively [Monroe switch Auto switch Auto-up switch backup switch-running mode selector switch] Please refer to the section.

^{*} If you stop the engine while working or after work, remembers the state before the stop. * Monroe Matic Auto, auto-up, backup, and AD-speed ([Orchard specification] Saw

3P change-over switch

Each press of a switch, [JP-3P / target 3P ⇔ W3P] Turn instead.

When the working machine mounting, please switch to the reference to the following.

Select status is displayed by the switch lamp.

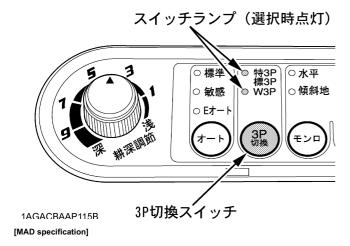
When the auto hitch frame mounting and no auto-hitch frame for special 3P

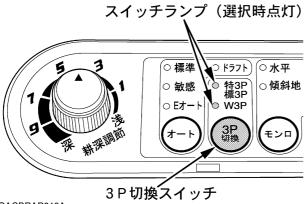
..... especially 3P / target selection W3P for auto hitch

frame when wearing the 3P

..... Select the W3P

[MA specification]





1AGACBRAP013A

補足

* In W3P specification, auto hitch frame with standard
When fitted with a three-point link type working machine,
please change and the mounting position and the top link length
of the joint. (See rotary manual) * Monroe and auto [OFF] If you,
3P switching

The switch can not be operated. (Switch lamp is also off)

■ Monroe switch

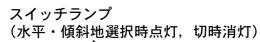
Each press of the switch [Horizontal ⇒ slopes ⇒ OFF (manual)

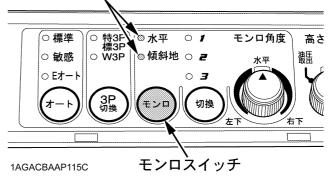
⇒ horizontal] Of Turn instead to order. Depending on the next up work, you should select one again.

Meter panel

When the horizontal and slope selection Monroe When the lamp is lit OFF (manual) selection Monroe Lamp off

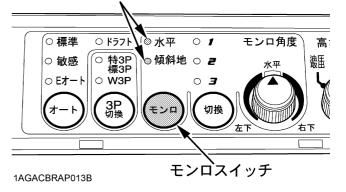
[MA specification]

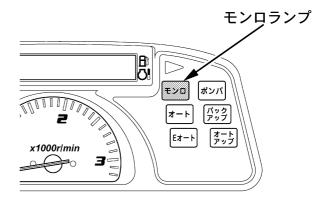




[MAD specification]

スイッチランプ (水平・傾斜地選択時点灯, 切時消灯)





1AGACBAAP067P

horizontal

Always a working machine, regardless of the slope of the tractor body to use when you want to keep to a certain angle with respect to the horizontal or the ground.

1. Monroe angle adjustment dial [Horizontal] In the case of position

(Working machine is always horizontally kept.) * Paddy field at the ridge when tillage, headland, Hitoshi in uneven areas

Flat Tillage

* Ribbing at Hitoshitaira work * field due to ground leveling plate, puddling rotary, ridge breaking work Other

2. Monroe angle adjustment dial [Horizontal] Other than the position

in the case of

(Working machine is always kept at a constant angle with respect to the horizontal plane.) * Wide ribbing, other

補足

* Monroe switch [Horizontal] In the case of, the working machine

When raised to the vicinity of the upper end, the attitude of the working machine will be held in parallel to the unit.

* Offset amount of left and right is large, the left and right of the weight bar

If the lance is of bad working machine, Monrosui' Ji [OFF] Please use this in.

slopes

In a slope Hojo, you use when you want to keep in parallel with the always ho scene a working machine.

* Adaptation work: Tillage and finishing of the field with a slope

Work (multi-Rijja, etc.)



* Monroe switch [Slopes] In the case of, working machine

When raised to the vicinity of the upper end, the attitude of the working machine will be held in parallel to the unit. * [Slopes] When selected, is sufficient intense Hojo of irregularities.

If the accuracy can not be obtained [OFF] Please use with (manual). * [Slopes] Upon selection, the difference between the inclination of the slope and the working machine

When significantly larger, more in Monroe manual switch, it can be corrected so that the difference of the slope becomes smaller. It can not be adjusted when the tractor is in a horizontal state. When be moved to adjust the full width large difference in inclination, [OFF] Or [Horizontal]

Please use this in. When you restart the engine, the correction amount will return to the standard value. * Offset amount of left and right is large, the left and right of the weight bar

If the lance is of bad working machine, Monrosui' Ji [OFF] Please use this in.

• OFF (manual)

Automatic control of the Monroe Matic is released, **Position control** It will be.



* Monroe switch [OFF] In (manual), the working machine

Be raised to the vicinity of the upper end of the, the attitude of the working machine will not be in parallel with this unit. Therefore, please be careful when you raise the working machine is attached. * Position control And:

This mode, like the plow work, always used when you want to keep the position of the riff Toshirinda constant. [Monroe] The switch [OFF] When the (manual), the length of the lift cylinder [Monroe Manual And the control to keep the length set by the switch.

Therefore, even length to tilt the body does not change.

In such Kuchiake working with reversible plows, the lift cylinder [Monroe Manual In accordance with the appropriate length in the switch, you can plowing. Through always in the case of tillage, the Monroe switch [Horizontal] To put, increasing the hydraulic lever, River Shiburupurau will be parallel to the car body. In that state [Monroe] The switch [OFF] It will please you to. * [Monroe] The switch [OFF] Engine in the (manual)

When the emission is stopped, the tractor is to store the slope of the working machine at that time, at the next engine start-up, will return to the slope of the stored working machine.

重要

* If Monroe Matic is not required (front

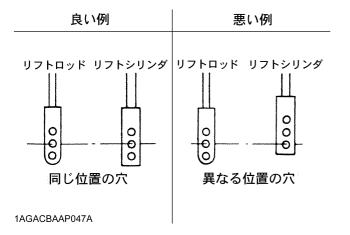
In this case), such as loader work, [OFF] Please you are working in. * [Manual] In when you are tilting the working machine, work

Increasing the work machine on the upper end, be sure to note that you may joint noise is higher due.

* If too tension Check chain, Mont

Since excessive force is applied to the three-point link at the time of the Roman tic working, check the chain, please to the extent that the tightened lightly by hand.

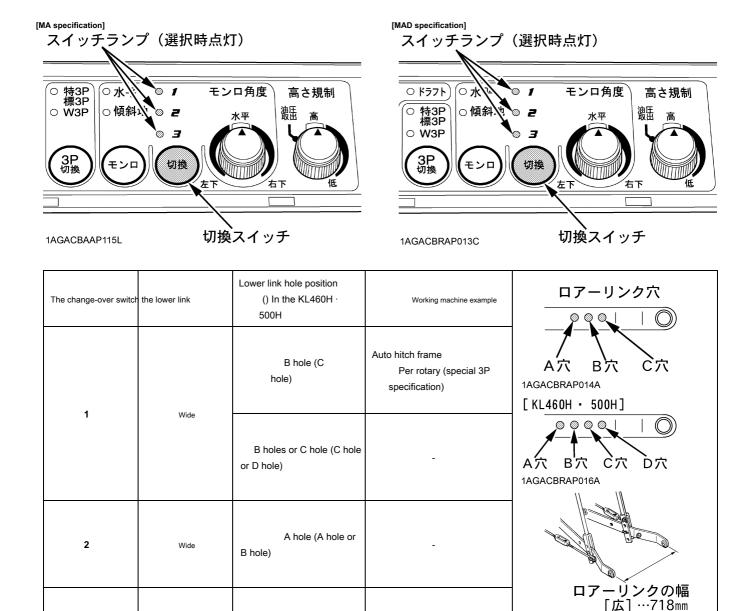
Mounting holes of the lift rod and the lift cylinder tip, please set to be symmetrical.



■ The change-over switch

Each press of a switch, [1⇒2⇒3⇒1] Switches of the order.

Depending on the mounting state of the three-point link determined by the working machine (lower link width and lower link holes), please switch to the reference to the table below. Select status is displayed by the switch lamp.



補足

3

hole)

In this case, it can not be switched even if you press the switch. [Selector switch]

Narrow

 $\mathsf{KL210} \cdot 230 \cdot 250 \cdot 210 \\ \mathsf{H} \cdot 230 \\ \mathsf{H} \cdot 250 \\ \mathsf{H} \cdot 330 \\ \mathsf{T} \ (\mathsf{W}) \cdot 250 \\ \mathsf{K} \ (\mathsf{W}) \cdot 300 \\ \mathsf{K} \ (\mathsf{W}) \\ \ldots \\ \ldots \\ \mathsf{1}$

A hole (B

 $\mathsf{KL270} \cdot 300 \cdot 330 \cdot 300 \mathsf{D} \cdot 330 \mathsf{D} \cdot 360 \cdot 430 \cdot 270 \mathsf{H} \cdot 280 \mathsf{H} \cdot 310 \mathsf{H} \cdot 340 \mathsf{H} \cdot 380 \mathsf{H} \cdot 410 \mathsf{H} \cdot 460 \mathsf{H} \cdot 500 \mathsf{H} \cdot 550 \mathsf{H} \dots \mathbf{2} \mathsf{M} \cdot 200 \mathsf{H} \cdot 200 \mathsf{$

590mm

1AGACBRAP015A

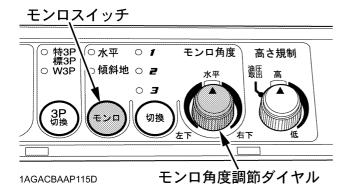
^{* 3}P changeover switch [W3P] When selected, and the change-over switch will automatically select the following.

^{*} Monroe [OFF] Of the time, the change-over switch, can not be operated. Hole of the (switch lamp off) * lower link, C hole in KL410H-PC, you do not have a D hole in KL500H-PC.

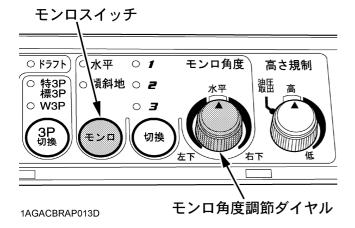
■ Monroe angle adjustment dial

Monroe switch [Horizontal] In the case of, use the Monroe angle adjustment dial to adjust the attitude of the working machine.

[MA specification]



[MAD specification]



- Dial [Horizontal] When you position, the working machine
 It will be held horizontally.
- 2. Dial [Lower left] Turn to the direction, working machine It will be held in the left down.
- Dial [Lower right] Turn to the direction, working machine It will be held on the right edge.

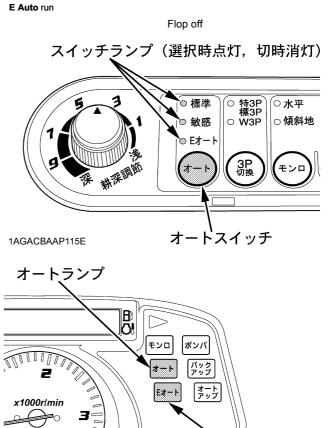
■ Auto Switch [MA specification]

Each press of a switch [Standard ⇒ sensitive ⇒ E Auto ⇒ Off

⇒ standard] Masu mode is changed in the order. Depending on the next up work, you should select one again.

Meter panel

Standard-sensitive selection at the time Auto When the lamp is lit E Auto selection E Auto When the lamp lighting switch selection Auto,



Eオートランプ

1AGACBAAP067Q

Standard

From shallow to cause deep to cause, Use it common tasks.

• sensitive

Working with Shitsuden, puddling work, use depending on the other finish.

• E Auto

Use it auto work carried out in the absence of two-wheel after the work, such as a raised rough while raising the rotary cover.

• Off

Automatic control of the auto will be canceled.



* When working to raise the rotary cover, [E

Auto] Or **[OFF]** Please be in. * **[Standard] [sensitive]** Even when selected, such as a rotary

If the working machine is not attached, the auto lamp will turn off.

■ Auto Switch [MAD specification]

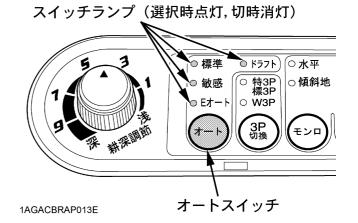
Each press of a switch [Standard ⇒ sensitive ⇒ E Auto ⇒ draft ⇒ off ⇒ standard] Masu mode is changed in the order. Depending on the next up work, you should select one again.

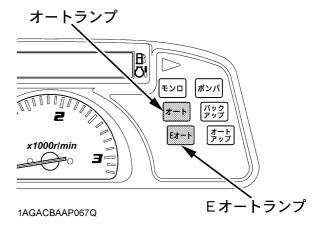
Meter panel

Standard-sensitive selection at the time Auto When the lamp is lit E

Auto selection E Auto When the lamp is lit draft selection Auto When the lamp lighting switch selection Auto, E Auto run

Flop off





Standard

From shallow to cause deep to cause, Use it common tasks.

• sensitive

Working with Shitsuden, puddling work, use depending on the other finish.

+ E Auto

Use it auto work carried out in the absence of two-wheel after the work, such as a raised rough while raising the rotary cover.

draft

Use the time of the draft work.

• Off

Automatic control of the auto will be canceled.

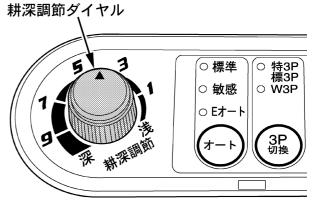


* When working to raise the rotary cover, [E

Auto] Or [OFF] Please be in. * [Standard] [sensitive] Even when selected, such as a rotary

If the working machine is not attached, the auto lamp will turn off.

■ Tilling depth adjustment dial



1AGACBAAP115F

Auto switch, [Standard-sensitive · E Auto] Of the case,

cormorants'll be tilling depth of choice to a depth caused from shallow cause, please set in this dial.



* [Shallow] From [1] To the vicinity of lifting the working machine It will be control. Please use the Shitsuden and puddling work.

* In the Hojo, partially sinking amount of the tire is large Instead, if the Kofuka changes, please adjust the dial.

Electronic meter message

 * When you change the deep plowing in the tilling depth adjustment dial,

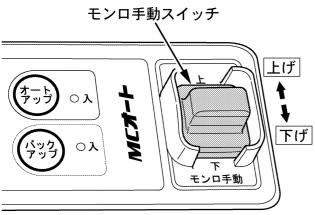
The following message will be displayed according to the dial-regulation buzzer sounds. After the end of the operation, it will return to the original display in about 5 seconds.



■ Monroe manual switch

Monroe switch [Off (Manual)] In the case of used when tilting the $\,$

working machine to the left and right.



1AGACBAAP115G

1. **[Up]** While pressing the lever to the direction, the working machine

The right will increase the.

2. [Down] While pressing the lever to the direction, the working machine

The lower the on the right side.



* Since it is a switch works with a light operating force.

Please do not use excessive force.



* Monroe switch [Slopes] In the case of, this scan

You can adjust the difference between the inclination of the slope and the working machine by the switch.

- Handling of the working machine
- Install the lift cylinder, to remove

Please consult place of purchase.

A If you remove, you will need the following parts.

(Purchased separately product)

Part No.	Name	Remarks
99093-9800-1 cap A	ssi cap and	Including a plug

Handling of auto-draft [MAD specification]

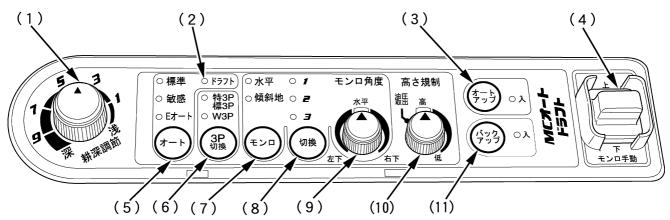


Since decreases the battery voltage for a moment by the starting of the engine, there is a case that the switch operation is disabled. performed after you start the engine.

selection state of the switch, and then displayed on the monitor lamp and each switch lamp in the meter panel. * Please operation of each switch is

■ Nomenclature

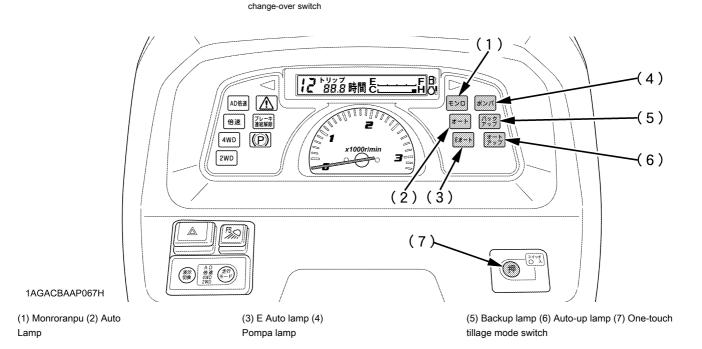
Each operation switch, and by using a touch-sensitive switch the mode is switched to each press lightly on the switch top with a fingertip. In addition, the



1AGACBRAP013F

- (1) tilling depth adjustment dial
- (2) Switch Lamp (3) Auto-up switch (4) Monroe manual switch
- (5) Auto switch (6) 3P changeover switch (7) Monroe switch (8) the

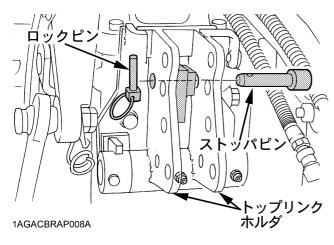
(9) Monroe angle adjusting dial (10) three-point link height regulating dial (11) back up switch



Draft stopper pin

If you want to use the draft control, such as the plow work, please remove the stopper pin of the top link holder.

In addition, if you use the Position Control as a rotary work and general working machine, please put the stopper pin.



補足

* By the top link mounting position, the draft feeling

Degree can be adjusted, sensitivity enough to use on the hole
will be sensitive.

auto switch

Each press of a switch

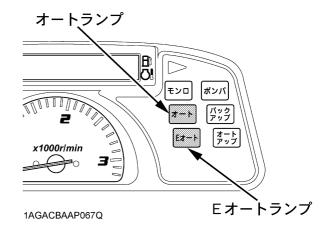
Standard \Rightarrow sensitive \Rightarrow E Auto \Rightarrow draft \Rightarrow off \Rightarrow standard Masu mode is changed in the order. When the draft work **[draft]** please choose.

By sensing the towing load, it moved up and down automatically working machine.

Meter panel

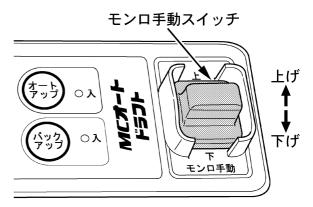
When the draft selection Auto Lamp lighting standard-sensitive selection at the time Auto When the lamp is lit E Auto selection E Auto When the lamp lighting switch selection Auto, E Auto

Lamp off



■ Monroe manual switch

When the draft work, and then used when tilting the working machine to the left and right.



1AGACBRAP013G

- [Up] While pressing the lever to the direction, the working machine
 The right will increase the.
- [Down] While pressing the lever to the direction, the working machine The lower the on the right side.



* Since it is a switch works with a light operating force.

Please do not use excessive force.

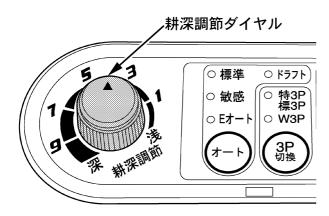


- * When auto-draft use, Monroe matic is
 [Position Control] Keep the slope of the next working machine constant.
- * When the engine is stopped, the tractor is the

 Stores the slope of the working machine of the time, to return to the inclination of
 the working machine that was stored at the time of the next engine start-up.

■ Tilling depth adjustment dial

Sure to set the depth plowing, such as the plow in this dial.



1AGACBRAP013H

- Dial [Shallow] Turning to the direction, plow tillage
 The depth will be kept shallow.
- Dial [Depth] Turning to the direction, plow tillage The depth will be deeply held.



* Dial [Depth] Turning full to the direction, off

It becomes low computing range. Also [Shallow] Turn full to the square toward the working machine will rise to the top.

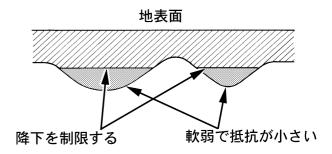
Electronic meter message

* When you change the deep plowing in the tilling depth adjustment dial, The following message will be displayed according to the dial-regulation buzzer sounds. After the end of the operation, it will return to the original display in about 5 seconds.



• Mix Control

To regulate the lowered position of the working machine by the hydraulic lever, and the two controls that you control in accordance with the traction resistance draft control. It is suitable for tasks such as Pulau Sabusoira in soft soil quality.



1AGACBRAP017A

■ 3P change-over switch

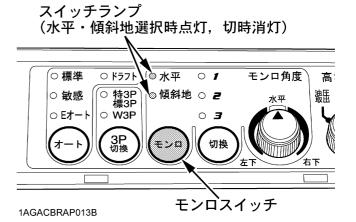
As standard 3-point link can be used, [JP-3P / target 3P]

There will be automatically selected. Each press of a switch, [JP-3P / target 3P ⇔W3P] Turn instead. (For more information on handling, [Taken of Monroe Matic auto-handling] of [3P changeover switch] See the section)

Monroe switch

If you want to use the Monroe-matic at the time of use draft, once auto switch [draft]

After switching on, the Monroe switch [Horizontal] [leaning oblique land] Please switch to. (For more information on handling, [Taken of Monroe Matic auto-handling] of [Monroe switch] See the section)



■ Monroe angle adjustment dial

Monroe switch [Off] Then, it does not operate want and turn. The Monroe switch [Horizontal] [slopes] In other Ri switch to, Monroe Matic can be used. (For more information on handling, [Taken of Monroe Matic auto-handling] of [Monroe angle adjustment dial] See the section)

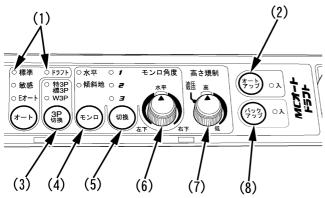
■ The change-over switch

The Monroe switch [Horizontal] [slopes] When you switch to, and use. (For more information on handling, [Taken of Monroe Matic auto-handling] of [Selector switch] See the section)

One-touch Tillage mode switch

Switch lamp [Off] And, the one-touch tillage mode [OFF] It will be.

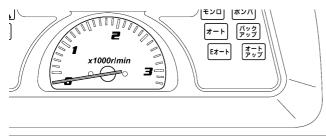
(For more information on handling, [Taken of Monroe Matic auto-handling] of [One-touch tillage mode switch] See the section)

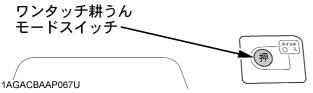


1AGACBRAP013I

switch

- (1) Switch Lamp (2) Auto-up switch(3) 3-Way changeover switch (4)Monroe switch (5) the change-over
- (6) Monroe angle adjustment dial (7) three-point link height regulation dial
- (8) backup switch





補足

- * The following three switches are in use at the time the draft work to come. (For more information on handling [Working machine lifting device]

 See the section)
- 1. three-point link height regulation dial
- 2. auto-up switch
- 3. backup switch

tire



- * The air pressure in the tires, set forth in the instruction manual

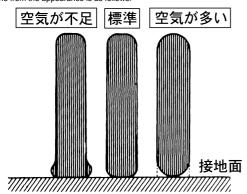
 Please observe sure the specified pressure you are. Put too

 much air will cause the cause of the casualties accident there
 is a risk of tire burst.
- * There is a scratch on the tire, to the scratch code (thread)

 If you are reached, please do not use. There is a risk of tire burst.
- * Tire, tube, exchange such as the rim, repair
 - , Please be sure to consult purchase. (As performed by the person who received special education, it has been determined by the law.)

■ Tire pressure

The air pressure in the front and rear wheels will examine whether it is appropriate. A guide to determine from the appearance is as follows.



1AGAAAPAP007A

• Standard air pressure

[] In the time of front loader mounting

	Air pressure kPa (kgf / Cm²)
	160 (1.6) [200 (2.0)
Before wheel	140 (1.4) KL330 House, for KL250 · 300 orchard 230 / 60-16 special wide tires only}
Rear wheel	100 (1.0)

Adjustment of Wa距



* In some cases, such as towing work, slope work, front loader work, in order to improve the left and right of stability, of trouble

Please be used in a wide wheel distance with no range.

■ front wheel

The front wheel of Wa距 can not be changed.

Rear wheel

The mounting position change of the rim and the disk, you can adjust the Wa距. (Depending on the specifications of the tire.)



* Please do not use in-determined wheel 距以 outside. * During road trave

I, please return to the factory state.



* Tire, please mounted so the side of the arrow is aligned in the direction of rotation during forward. * Strakes are attached only when the minimum wheel distance. * Rear wheel weights, will be installed in all of the wheel distance.

			輪距	輪距		輪距
型 式 (標準タイヤ)	+11111	771111	+11111	7111 111	***************************************	100
KL210 · 210H (9.5-22)	1010mm (出荷状態)	_		1130mm	_	_
KL230 · 230H (9.5-24)	1010mm (出荷状態)			1130mm	_	_
KL250 • 250H (11.2-24)	1050mm (出荷状態)			1165mm		
KL270 · 270H · 280H (12.4-24)	1070mm (出荷状態)	_		1370mm		
KL270・270H・ 280H[G仕様] (12.4-24)	1080mm	1175mm	1265mm	1365mm	1445mm	1545mm
KL270・270H・ 280H[-8仕様] (11.2-26)	1115mm	1210mm	1230mm	1330mm	1405mm	1505mm
KL300 · 300D · 310H (12.4-26)	1090mm (出荷状態)	1185mm	1260mm	1360mm	1380mm	1480mm
KL300・310H・ 330・340H [G仕様] (13.6-24)	1110mm	1205mm	1235mm	1330mm	1480mm	1575mm
KL300·310H·330· 300D·330D·340H [-8, -6仕様] (11.2-28)	1105mm	1205mm	1235mm	1335mm	1400mm	1495mm
KL330 · 330D · 340H (13.6-24)	1110mm (出荷状態)	1205mm	1235mm	1330mm	1480mm	1575mm
KL360・380H [G仕様]含む (12.4-28) KL430・410H [G,-8仕様]含む (13.6-26) KL460H・500H [G仕様]含む (13.6-28)		1140mm (出荷状態)	1210mm	1310mm	1335mm	1430mm
KL550H [G仕様] 含む (12.4-32)		1130mm (出荷状態)	1230mm	1330mm	1430mm	1530mm
KL330-TW (320/60-26)			1105mm (出荷状態)	1205mm	1230mm	1325mm
KL250 · 300-K (9.5-24)	1115mm (出荷状態)	_		1235mm		
KL250 · 300-KW (320/60-26)	_	1140mm (出荷状態)	_	_		
KL250 · 300-KS (8. 3-22)	1115mm (出荷状態)	—	_	1235mm	—	
KL250 • 300-KSW (12.4-16)	1130mm (出荷状態)					

補足

^{*} Please perform together also recombination of the disk by Wa距.

■ Crawler

The mounting position change of the crawler, you can adjust the Wa距.

Type formula	輪距 1AGACBRAP071A	輪距 IAGACBRAP071B
KL270-PC	-	1210mm (1175mm)
KL330-PC	-	1230mm (1195mm)
KL410H-PC	1110mm	1230mm
KL500H-PC	1110mm	1230mm
KL270D-PC	-	1180mm (1150mm) <1050mm / 1190mm>
KL330D-PC	-	1180mm (1150mm) <1050mm / 1190mm>

⁽⁾ Is PC1 specification, <> is the PC3 specification

Weight (sold separately)



* When equipped with a tractor rear for a working machine, or

Flip up the wheels equipped with a balance weight so that the load applied to the (front wheel) greater than or equal to 20% of the total weight, please use.

* Steering is also equipped with a maximum weight that can be attached

Working machine in which the load applied to the wheel (front wheel) can not be secured more than 20% of the total weight birds please not attempt to mounting.

When the front is too lightly, there you it is also steering is difficult-than fall accident.

* When using the front loader, stability

Please attach a working machine and appropriate weight to the tractor rear to enhance the. (Please consult place of purchase for more information.)

■ Weight (optional)

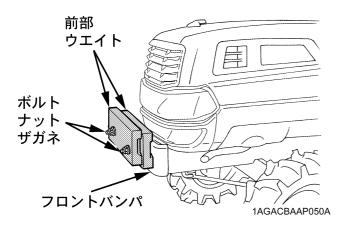
Please consult the instruction manual and purchase of in-pull instrument required number of weights to be used.

• Mounting method of the front weight

[KL210 · 230 · 250 · 270 · 300 · 330 · 300D · 330D · 210H · 230H · 250H · 270H · 280H · 310H · 340H]

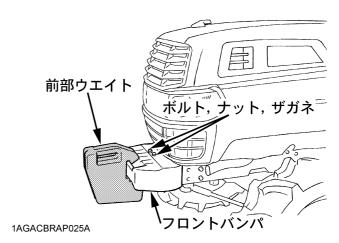
Bolt that came with the weight on the front bumper of the tractor, and secure it with a nut.

Weight of one weight will come with one to three mounting in the 28kg.



[KL360 · 430 · 380H · 410H · 460H · 500H · 550H]

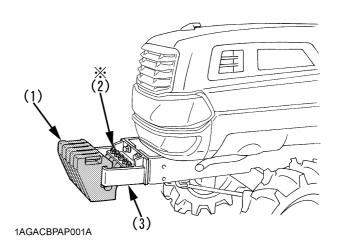
Only Hikka the weight on the front bumper of the tractor, the supplied bolts, and secure it with a nut. Weight of one weight will come with one to five mounting in the 25kg.



[KL270-PC · 330-PC · 270D-PC · 330D-PC]

Bolt supplied with the front bumper of the tractor, and secure it with the nut.

Weight of one weight will come with one to five mounting in the 25kg.



(1) hanger weight

(99261-11002 ... front weight Assi) (2) bolt, nut,

washer (3) front bumper

% For bolt is included in the standard shipping parts And it has bolts (01173-51460 \times 5 pcs.) Please use.

Open and close and lock the doors and windows



- * It is removable and adjust the working machine in the rear window behind

 If you can, please be aware of the opening and closing of the rear window.

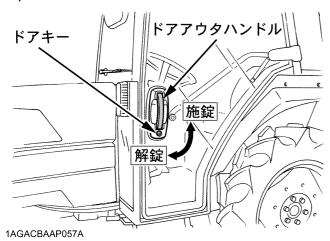
 (It carries the risk of hitting and open at the time the head.)
- * Since there is a risk of damaging the glass
 Is within the safety cab Do not place objects.
- * Handling of glass's go carefully conducted Sai.

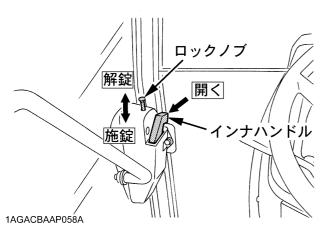
■ door

補

足

Open and close and lock the door

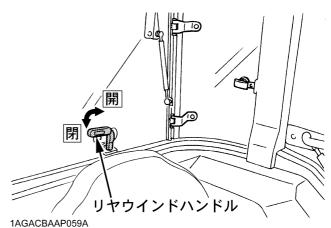




* Or hanging on the door, forced more than the operating range Please do not pushed open.

■ Rear window

Turn the rear window handle in a clockwise direction, and the or until you press, you can open easily by the action of the damper.



IAGACBAAF 039F



* Can open and close the rear window is by working machine

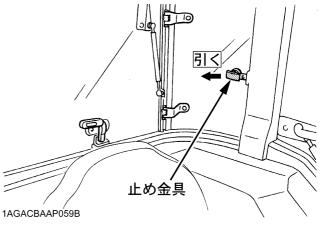
Since there is a case where there is no, please be carried out fully confirmed at the time of opening and closing. * While opening the rear window, above the working machine

Since there is a risk of damage to the gel and the rear window, please check the safety ten minutes when to raise the working machine.

* While opening the rear window, high-speed driving Ya Please do not the rough road.

Quarter window

Pull the fastener to the front, and open when you press to the outside along with the glass.



重要

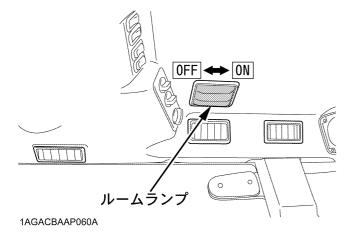
* The quarter window remains open, Warurohashi Please do not line.

Room lamp

By Rukoto Slide the room lamp cover in the longitudinal direction, the switch is activated.

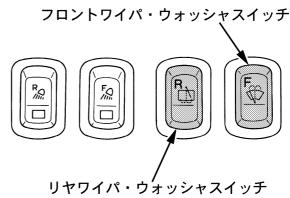
[OFF] No matter ... the opening and closing of the door, the lamp is a point It does not light.

[ON] No matter ... the opening and closing of the door, the lamp is a point Lights.



Wiper

- Front wiper washer switch
- Rear wiper-washer switch
- 1. Press one stage the upper side of the switch wiper is activated.
- Press for a further two-stage, only as long as you hold down, the wiper will injection washer fluid while working
- 3. Press the lower side of the switch, washer fluid only while you hold it down to injection.
- 4. To switch, it has illumination lamp is built to be turned on in conjunction with the headlights.



1AGACBAAP061A

補足

* Wipe has hurt the glass or

It is.

Please let me work moving the wiper from be sure to spray the washer fluid.

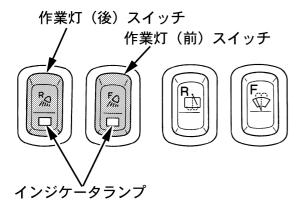
■ The use of cold at the time of the wiper

At the time of cold, it may wiper blades are glass and Korigi. There is a risk that as it is if the wiper Ru is activated leading to the failure of the wiper blades and wiper motor, a sure key switch [OFF] Please let me start again from Remove the ice to.

Working lights

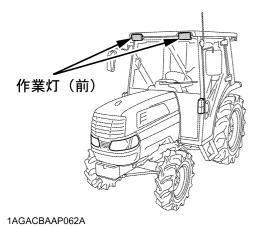
■ Working lights switch

Working lights and pressing the upper side of the work light switch is turned on, and turns off when you press the lower side of the switch. In addition to the switch, and the illumination lamp to be lit in conjunction with headlights, indicator light that shows the lighting of the work lights it has been built.

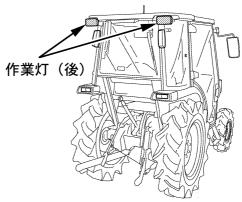


1AGACBAAP061B

■ Working light (before)



■ Work lights (after)



1AGACBAAP063A



* Since the battery is raised, heater, work lights,

When using the headlights like electrical components, be sure to
the engine 1600 or more revolutions.

補足

* Work lights [Safety standards for road vehicles] Article 42
In (limitation of such color lights), [Do not use while driving lamp]
And it is, and road run line remains lit lights in the road traveling
from the fact that the interference of other transportation vehicle is prohibited.

Sun visor

[KL380H · 410H · 460H · 500H · 550H]



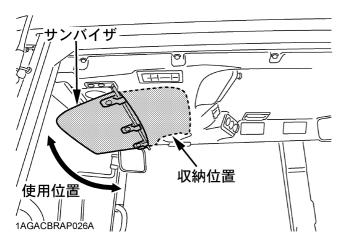
* Without sun visor in place,

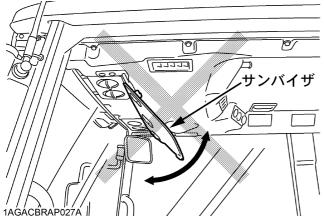
Or blocked the forward view, there is a possibility that the benefit was hit on the head.

* Do not pinch the stuff between the sun visor and ceiling

Please give me. There is a Re morning sickness that things fall at the time of starting and stopping.

It is used when bright in direct sunlight. Sun visor, please use Press down to before the storage position.



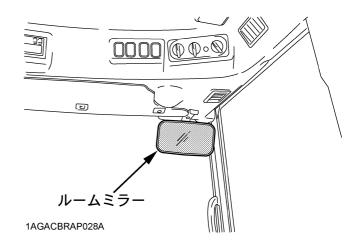


When used as shown above, there you have it you that or hit on the head.

Rearview mirror

[KL380H · 410H · 460H · 500H · 550H]

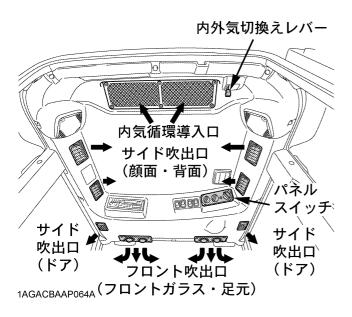
Move the whole room mirror, please adjust while checking the rear view. Adjustment of the rearview mirror is always carried out before operating the tractor, please do not take place during the running.

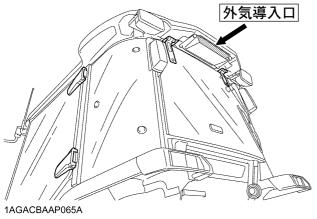


Air conditioning

the flow of air

The flow of air within the safety cab is as shown in the figure below. By adjusting the air outlet of the eight locations, the best of the conditioner and Deployment can be obtained.





■ Wind direction adjustment

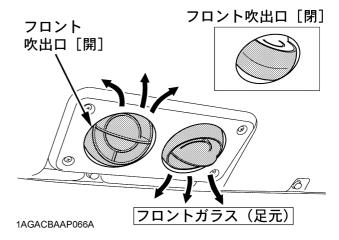
• Front air outlet

1. direction of the wind, can be freely adjusted by the air outlet.

If you want to use as a defroster (demisting of the front glass), please toward the outlet in the direction of the Furontoga class.

2. If you want to increase the volume of air from the side air outlet,

[Closed] Please be in.



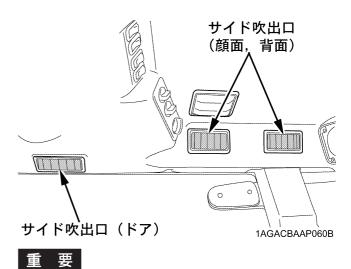
補足

* Cool air from the front air outlet is in the meter panel

When hit, sometimes the meter panel is cloudy or be. If this happens,
the front air outlet of the orientation change Ete, please in the manner
not be exposed to cold air in the meter panel.

• Side air outlet

Direction of the cold air can be freely adjusted by the orientation of the louvers.



 * If you want to increase the volume of air to the face and the back is, Sai

De blow-out port (the door) [Closed] Please be in. * Because of the defogging of the door, increasing the volume of air to the door

If you want to, the side air outlet (the face, the back) [Closed] Please be in.

• Outside air switching lever

Outside air introduction ... the lever [Outside air] When you position,



It came outside air to the safety cab room.

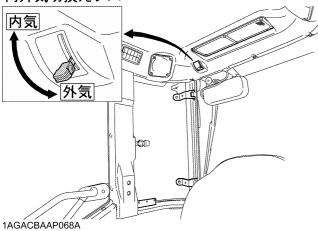
Dusty work and glass is used when Ru cloudv.

Inside air circulation ... lever [Shy] When you position,



The outside air does not enter. Use it when you want to Ya Kikaseta strongly when you want Kikaseta fast heating and cooling.

内外気切換えレバー

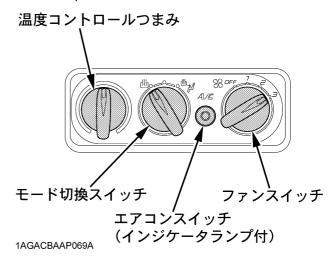


補足

- * Please a long time heating is avoided in the recirculated air.

 Glass makes it easier cloudy.
- * In the work that dust occurs frequently, used in the outside air introduction please. Pressure in the chamber is increased by adopt the open air, it is difficult to enter, but Ri dust-free to the safety cab room.

■ Control panel



Mode selector switch



Wind comes out from the front air outlet and the side air outlet.



Wind comes out from the front air outlet.

 Weak wind of and in an intermediate position side air outlet (face), front air outlet of the wind will be stronger.

◆ Knob temperature control

Knob is used to adjust the temperature. Adjust appropriately set to the desired position. Turn to the right and hot air, you get cold air and turning to the left.

• Fan switch

Air volume and is switched in three stages. [3] Is the most wind-intensive position.

• Air ditioner switch

When using the air conditioner, press this switch

[ON] You to. [ON] Of time, the indicator lamp will light up.



* A tractor more than a week, air conditioners after prolonged standing

When using the down, the air conditioning switch and idling the engine rotation [ON] To, please drive for 1 min. While the engine speed is high, the air conditioning switch [ON] If it can cause the compressor to fail.

■ Handling Operation

• heating

1. Set the mode selector switch or or.





2. want the inside and outside air switching lever to the outside air introduction.

When the early want to raise the room temperature will be the recirculated air

3. fan switch (1, 2, 3) And temperature controller

Adjust the roll knob to a comfortable temperature.



* When you do not want to use the summer heater, room with hot air

So that the temperature does not rise, the temperature control knob Cold air (Please Preface to the far left).

- + Cooling and dehumidification and heating
- 1. Turn the mode selector switch.
- 2. want the inside and outside air switching lever to the outside air introduction.
- 3. Press the air conditioner switch [On] You to.
- 4. fan switch (1, 2, 3) To be active.
- 5. temperature control knob Cold air Or intermediate position

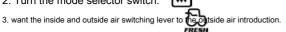
To adjust to, and a comfortable temperature. • Zukansokunetsu

In the operating state of the cooling and dehumidifying and heating, the use of the temperature control knob in the middle position, the face is cool and warm feet (Zukansokunetsu) you comfortable state is obtained.

Defrost

When cloudy and freeze removal of front glass,

- 1. Open the front air outlet, it directed in the direction of the front
- 2. Turn the mode selector switch.



4. The fan switch 3, Temperature control knob

Only Warm air (And then to the right).

Precautions heater



- * Directly to the water hose and the heater unit Please do not touch. It can lead to injury, such as burns.
- * A time with abnormal, Failure to repair burns

Which of injury accidents and engine can lead to catastrophic failure, such as baking.

Please use the antifreeze concentration suitable for the outside air temperature in winter

Also, please do not use the antifreeze expired.

- 2. If you do not want to use the antifreeze in winter, please drain the cooling water from the luck rolling at the end of the tractor body. (The way of the drainage of the cooling water, [Inspection and maintenance of every two years] of [Exchange of cooling water] See the section.)
- 3. The water hose, please accept the exchange every two seasons.
- 4. Daily Inspection

Please receive promptly repair when he admitted the following abnormal.

(Leads to the burning of any serious failure of injury accidents and engine, such as burns.) * Water hose with scratches, cracks, Fukura

Look,

* Of the water hose joint portion of the water leakage * water hose protection bush and Gurome'

Theft out of, damage

- * Loosening of the body mounting bolts, damage to the bracket
- 5. Please do not Fu directly to the water hose and the heater unit. It can lead to injury accidents such as burns.

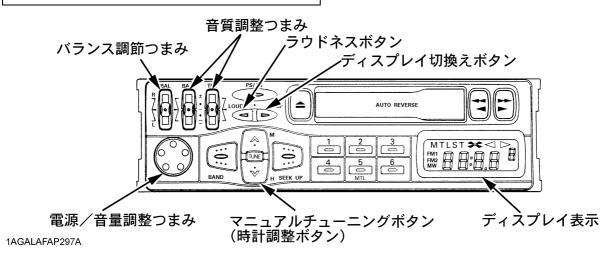
AM / FM radio with the handling of the cassette play ya

[KL210 · 230 · 250 · 270 · 300 · 330 · 300D · 330D · 210H · 230H · 250H · 270H · 280H · 310H · 340H]



* Please in the volume of the sound of the outside of the vehicle can be heard for safety during operation.

How to operate the common unit



- How the on / off of the power supply, volume control
- + VOL: Power / volume control knob

Than the click position by turning in a clockwise direction when the power is [**ON**] To do.

Volume will increase and turn the volume control knob in a clockwise direction (). Volume and turn in a counterclockwise direction is attenuated.

Than the click position and turn in a counterclockwise direction () power supply is [OFF] To do.

- Balance adjustment of the left and right
- BAL: balance adjustment knob

Volume of the left speaker and slide the knob to the L display side will be highlighted. (Right of sound decrease it.)

Volume of the right speaker and slide the knob to the R display side will be highlighted. (Or the sound of the left is reduced to.)

- Sound quality adjustment
- BASS: knob bass adjustment

Slide the knob in the + direction bass is enhanced, - will be attenuated to slide to the side.

• TRE: treble adjustment knob

Slide the knob in the + direction treble is emphasized, - it will be attenuated to slide to the side.

Loudness button

When listening to music at low volume, bass you feel weak. When you press the La Udonesubotan will be easy to sound quality to hear the bass is emphasized. Please press the button again when you cancel.

- How to watch the display
- DISPLAY display switching button

If you press the button when the radio reception, you will watch the display. When you want to return to the original display, press the button again. During tape playback, the clock display.

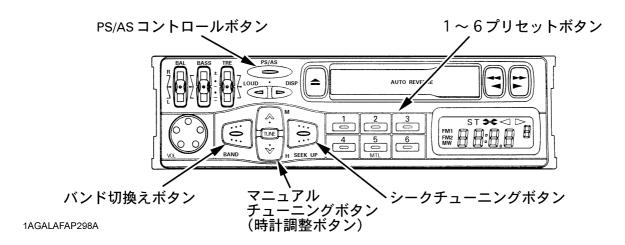
補足

- * Operations such as preset button during the clock display Then, Press to frequency display.
- How to adjust the clock
- TUNE clock adjustment button
- 1. When you press while holding down the DYSP button button (H side), you can adjust the time display.
- Press while pressing the DISP buttor (M side), you can adjust the minute display.
- 3. When you release the DISP button to complete the adjustment of the clock.

補足

* Adjust the clock, you can in the time display of the state.

To listen to the radio



Band switching

• BAND: band switching button

The power [ON] To.

When you press the band switching button MW (AM), is switched FM, bands, band indicator also shows the table at the same time.



* If a cassette tape is inserted, Lee



Sure to remove the tape by pressing the eject button.

How to manual tuning

• Manual tuning (frequency tuning)

You can make tuning manually.

High and the reception frequency press the upper button, it will be lower and press the lower side.

Frequency at a faster pace if you hold down the button will change.

• Seek tuning

SEAK UP: Shitaga the broadcasting changes to the higher seek tuning button is pressed and automatically frequency.

If there is a receivable broadcast, it will continue received stops at that frequency.

Of preset tuning how

• 1 to 6 preset buttons

The memory broadcast frequency in auto store, call to a single button of 1 to 6, you can receive. 1 button to 6 are 18 stations in the FM and MW (AM) both (FM12 stations, AM6 stations) You can set the broadcast.

Preset scan

During radio reception press the PS / AS control button to 5 seconds at a time broadcasting want to No. 6 from No. 1 the broadcasting stations that have been preset in the band currently being received.

(At that time time you press the button is within 2 seconds.) Please press again this button Now that you receive the best to hear that you want to stations. Work of the preset scan is finished Press to normal broadcasting.

Preset way

• Manual memory

- 1. Press the band switching button, you switch to the hope of the band.
- 2. In the button or button, and then selects a broadcast station of your choice
- After selecting a broadcast station, press and hold for about 2 seconds memory number you want (1 to 6) in the frequency display.

Registration frequency display to flash once will end.

- 4. In the same way, the broadcast station you want to another preset
 - 1. Please repeat the operation of through 3.

• Auto store

The PS / AS control button during radio reception Press for more than 2 seconds and automatically looking for a broadcasting in the band currently being received by you remembers its frequency in the preset memory.

During this operation, it will change the channel display on the right side of the display unit. This represents a being recorded in each memory channel.



* Further preset once button that you preset

When the door operation, broadcasting stations, which is the memory before will be canceled.

* Channel display is in flushing Otosu

Tor function can not be used. (During the flushing is being preset scan.)

■ Display Display

• Band display

MW (AM), to display the FM1, FM2 band.

• Frequency digital display

The reception frequency and digital display. MW (AM) during the broadcast received in KHz units, during FM broadcast reception displays in MHz.

• Preset channel display

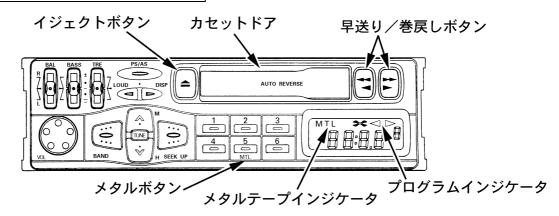
When you press the preset buttons (1 to 6), and displays the channel.

• FM stereo reception display

In FM stereo broadcast reception when [ST] You want display of character.



To listen to the tape

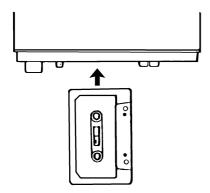


1AGALAFAP300A

Insertion of a cassette tape

The tape surface of the cassette tape on the right side, and insert to the surface you want to hear on the upper side.

When inserted you start playing at the same time. This a tree, program indicator [] Or [] lights.



1AGALAFAP301A

Switching of the playing surface

+ Fast forward / rewind button

If you want to change the playing surface, please press at the same time the two buttons. When the playing surface changes will also change the lighting of the tape running display at the same time. Because the camera uses the auto Basumeka, when the tape in the tape playback or Hayamaki up is that is taken either wound to the end, automatically tape running changes, the opposite side of the program will be played.

Leave the put the tape when you continue to repeat playing the A-side B-side.

Rewind, fast forward

• Rewind

Press until you lock the arrow in the opposite direction of the button of the direction in which the tape running direction display is lit.

• Fast forward

Press until it locks in the same direction of the button with the arrow towards the tape running direction display is lit.



- * To cancel the rewind, fast-forward
 - Please press lightly the button next to the button of the direction which button was pressed in the (reverse Direction).
- Taken out of the cassette tape
- ◆ Ejectbutton
- When you press the eject button, the cassette tape is removed, and instead switched as shown below.





- * When you do not hear the cassette tape, be sure
 - Please to take out the tape, press the eject button.

- Switching of the metal tape
- MTL: a metal button (preset button number 5 It is common.)

Sai that go properly used depending on the type of tape to be used.

Metal / chrome tape is used, please press the button. MTL will be displayed on the display unit. Please press the button again when you cancel.



To normal tape tape is v	vritten with 120µs
Metal tape, high position tape	It is written as 70µs to tape

■ Inquiry of failure and repair

If the AM / FM radio with cassette player fails, please consult the following manufacturers.

Hesperia Co., Ltd.

 \mp 350-0833 Kawagoe City, Saitama Prefecture Yoshinodai 2-8-85 (industrial Kawagoe)

TEL 049-226-9120 FAX 049-226-9136

■ Handling Precautions

For more information, which will be described later [Handling Precautions] Please refer to the section.

AM / FM radio with the handling of the cassette play ya

[KL360 · 430 · 380H · 410H · 460H · 500H · 550H]



* Please in the volume of the sound of the outside of the vehicle can be heard for safety during operation.

Ray 音量調節つまみ 音質調整つまみ ラウドネスボタン

AUX N BASS TREE CASSETTE STREO RECEIVER

AUTO REVERSE CASSETTE STREO RECEIVER

F1 スプレイ切換えボタン マニュアルチューニングボタン

TAGACBRAP029A (時計調整ボタン) ディスプレイ表示

- How the on / off of the power supply, volume control
- VOL: Power / volume control knob

Than the click position by turning in a clockwise direction when the power is [**ON**] To do.

Volume will increase and turn the volume control knob in a clockwise direction (). Volume and turn in a counterclockwise direction is attenuated.

Than the click position and turn in a counterclockwise direction () power supply is [OFF] To do.

- Sound quality adjustment
- BASS: knob bass adjustment

Bass Turning the knob in a clockwise direction () is highlighted, it will be attenuated by turning in a counterclockwise direction ().

TRE: treble adjustment knob

Turning the knob in a clockwise difection () treble is emphasized, it will be attenuated by turning in a count clockwise direction ().

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補足

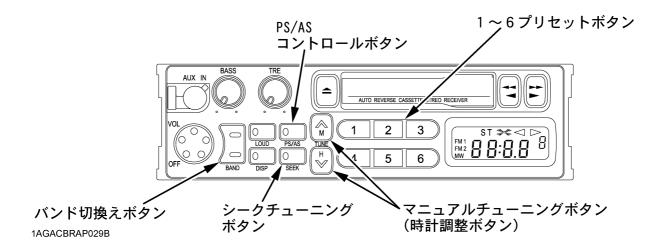
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Registration frequency display to flash once will end.

- 4. In the same way, the broadcast station you want to another preset
 - 1. Please repeat the operation of through 3.

• Auto store

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MW (AM) during the broadcast received in KHz units, during FM broadcast reception displays in MHz.

• Preset channel display

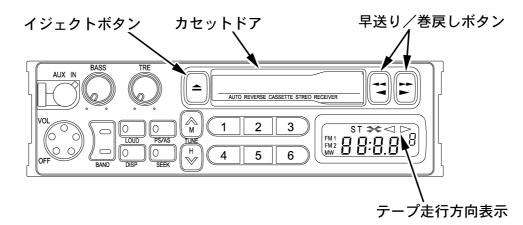
When you press the preset buttons (1 to 6), and displays the channel.

• FM stereo reception display

In FM stereo broadcast reception when [ST] You want display of character.



To listen to the tape



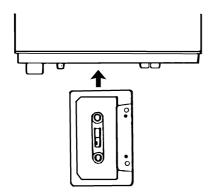
Insertion of a cassette tape

1AGACBRAP029C

The tape surface of the cassette tape on the right side, and insert to the surface you want to hear on the upper side.

When inserted you start playing at the same time. This a tree, the tape running direction displayed [] Nara the top,

[] Mara has to play the lower surface.



1AGALAFAP301A

Switching of the playing surface

+ Fast forward / rewind button

If you want to change the playing surface, please press at the same time the two buttons. When the playing surface changes will also change the lighting of the tape running display at the same time. Because the camera uses the auto Basumeka, when the tape that is taken either wound to the end with tape playback or Hayamaki up, automatically tape running changes, it will play the opposite surface.

Leave the put the tape when you continue to repeat playing the A-side B-side.

Rewind, fast forward

Rewind

Press until you lock the arrow in the opposite direction of the button of the direction in which the tape running direction display is lit.

• Fast forward

Press until it locks in the same direction of the button with the arrow towards the tape running direction display is lit.



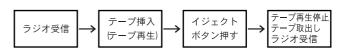
* To cancel the rewind, fast-forward

Please press lightly the button next to the button of the direction which button was pressed in the (reverse Direction).

Play stopped and taken out of the cassette tape

◆ Ejec≇tutton

After the tape playback stops when you press the eject button, the cassette tape is removed, and instead switched as shown below.

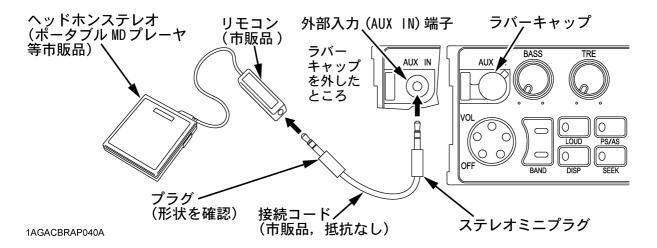




* When you do not hear the cassette tape, be sure

Please to take out the tape, press the eject button.

To listen to the MD disk, or the like using an external input terminal



■ External input for the (AUX IN) terminal

To the external input (AUX IN) terminal, when you connect a commercially available headphone stereo (portable MD player, etc.), you can hear the music.

I like to listen to music

- 1. to state that the radio reception.
- 2. Remove the rubber cap of the external input (AUX IN) terminal.
- 3. volume volume of the headphone stereo, please set in about the
- 4. Use a commercially available connecting cord (no resistance), from the headphone jack of the headphone stereo, please insert the external input (AUX IN) stereo mini plug to the terminal side $(\phi 3.5)$.
- When inserting the plug, and instead switching from radio reception to head Hong stereo connection. Display display is the remains of the time of radio reception.
- 6. the volume volume of the headphone stereo, make sure to adjust so that to the same extent and volume of the unit radio.
- 7. You adjust the volume on the volume control knob of this unit. However, you can not adjust the bass, treble.
- 8. Play, please performed in the operation of the headphone stereo.
- 9. pull out the plug from the external input (AUX IN) terminal, to return to radio reception.



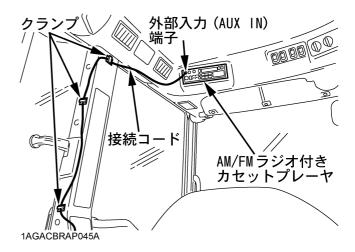
* Headphone end of the headphone stereo connected

Child and volume volume, handling, such as how to play, please refer to the instruction manual of the book machine. * In addition to headphone stereo, a large output

Audio equipment, please do not connect.

Note When you connect

It is how the wiring of the connection cord, please stop as shown in Figure a commercially available double-sided tape with a clamp. Headphone stereo to be connected, not placed in the driver's seat around to prevent skipping failure or sound, so please put in pocket of work clothes.



重要

- * Connected to the external input (AUX IN) terminal during operation

 Do not headphone stereo operations.
- * When you get off from the driver's seat, headphone stereo

 Please remove the side is the connection code.

■ Failure and repair inquiry

If the AM / FM radio with cassette player fails, please consult the following manufacturers.

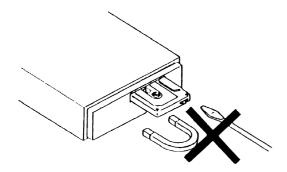
Hesperia Co., Ltd.

〒 350-0833 Kawagoe City, Saitama Prefecture Yoshinodai 2-8-85 (industrial Ka wagoe)

TEL 049-226-9120 FAX 049-226-9136

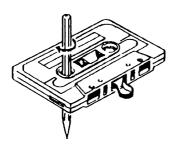
Handling Precautions

- This machine, moisture and high temperature, so you hate the humidity, please pay attention to the in-vehicle cleaning and ventilation.
- 2. to the head and a cassette tape, please do not absolutely close the such as a magnet or drivers.



1AGALAFAP304A

Since it may cause the device to malfunction will not loose tape during cassette tape insertion, please use from fix the loosening of the tape.



1AGALAFAP303A

- 4. The cassette tape is, in a horizontal, please insert and press the center of the cassette tape.
- 5. C-120 type of cassette tapes, tape themselves is very thin, or stretching, so you or expired, please refrain from using.
- cassette tape peeling off the label, cassette tape or the case is deformed, it will be the cause of a failure of the mechanism, please refrain from using.
- 7. When the head becomes dirty high range will be reduced. Since the time also I am hear a good sound, please Occasionally clean the head surface. It is convenient to use a commercially available cleaning tape. Your name, please do not use thinner or benzene is absolute in the cleaning.
- 8. Please be careful in the car of the temperature.

When the extreme cold and intense heat, especially since summer is there that the temperature inside the vehicle is very high, note the car of ventilation, please use at a suitable temperature. Also, when it is got out of the car, please keep it in its case disconnect from the body always cassette tape.

- 9. This unit operation, please be performed in as much as possible stop in terms of safety. In addition, the volume while driving to prevent accidents, please enjoy to the extent that outside of the sound can be heard.
- 10. care of this machine, please wipe with a soft, dry cloth. Hard or cloth, such as benzene, thinner, alcohol should not be used in whole. In addition, a soft cloth dipped in water or warm water if it is very dirty, lightly wipe Tteku please.
- 11. Please do not rely on a long period of time in direct sunlight a cassette tape. High temperature, please also avoid a long period of time left to the humid place (on the on the dashboard and seat).

■ Before you think that the failure

When such symptoms, please check by performing the following actions.

Symptom

Also put the radio of the switch, the display on the display is not correct, when that does not work even if you press the button.

Cause

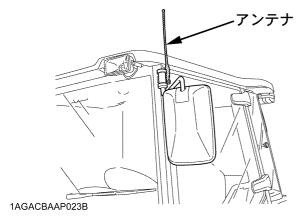
It is likely that you are microcomputer malfunction in the radio in such excessive noise.

• treatment

Please let me reset the microcomputer in the radio in the following ways.

About 5 minutes by, for example, remove the wiring connector and the body fuse [Non-energized state] After you, please connect again. (Such as a frequency that is when the reset set will disappear)

■ antenna





* Do not moved since the antenna can not be angle adjustment Please Do not. ashtray

■ Shigaraita

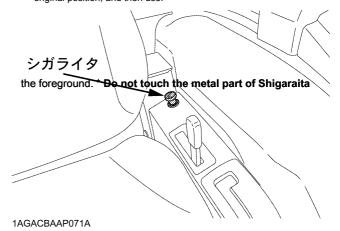


Please. There is a risk of burns at a high temperature.

1. Shigaraita the key switch **[ON]** At the time of,

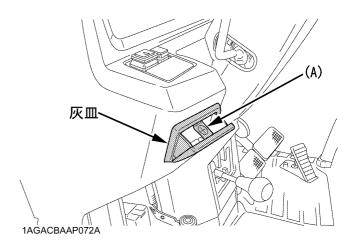
You can use.

2. Release the hand push the Shigaraita, after waiting until it returns to its original position, and then use.



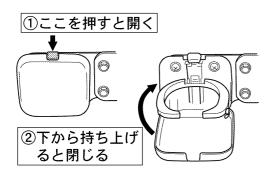
• Ash tray (ashtray)

- 1. Use to pull out the top to the front.
- 2. When cleaning, press down on the part (A), comes off a draw in



■ Cup holder

Please do not place the weight of the non-juice. There is a broken Sonsuru fear.

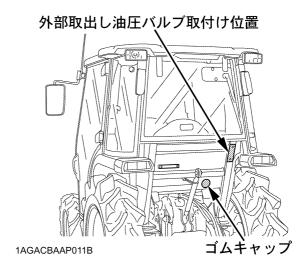


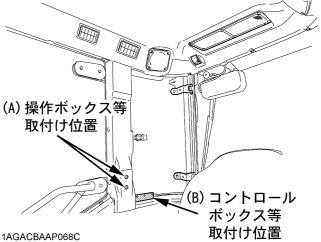
IAGACBAAP073A

Mounted in-pull instrument

■ Mounting in-pull instrument for operation box

Anamata the rubber cap opened the cut, please enter guide to safety cab interior and Inpuru instrument for the operation code.





補足

* (A) part when mounting the operation box, etc.,

The (A) portion of the resin driver, please remove the cutter or the like.

Than mounting M8 nut for the back of the resin there are two, please be attached to it.



When refueling and servicing

- 1. Place the flat wide place the tractor
- 2. Lower the working machine
- 3. put the parking brake
- 4. Stop the engine
- 5. Remove the key, please be performed after confirming safety.

There is a fear to cause the otherwise with the injury.

The processing of waste



Or discard the waste in vain, and incineration, lead to environmental pollution, it may be punished by law.

When processing the waste

- * If you pull out the waste from the machine, it will receive the container Please.
- * Runaway and rivers, lakes to the ground, throw to the ocean Please do not disposal.
- * Waste oil, fuel, coolant (antifreeze), refrigerant, solvent,

 Filter, battery, discarded rubbers, other hazardous materials, or
 when incinerated, suppliers, or consult the industrial waste
 disposal, etc., please processed according to a predetermined
 rule.

Notes on car wash

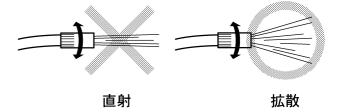
And have it hurt the people Improper use of high-pressure car wash machine, because it may cause damage and damage or failure of the machine, according to the instruction manual label of a high-pressure car wash machine, please correctly used.



The cleaning nozzle to avoid damage to the machine and to the diffusion, please wash away or 2 m. If, or to direct, car wash Then improperly from a short distance,

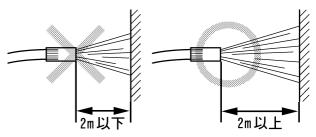
- The damaged or disconnection of the electrical wiring portion covering, it can cause fire.
- 2. The damage to the hydraulic hoses, pressure oil can cause injury and ejected.
- 3. It may cause damage or injury or failure of the machine. Example) (1) of the sealing label peeling (2) electronic components, engine transmitter Deployment chamber, penetration by the failure (3) Tire safety cab compartment or the like, rubber such as oil seals, resins, glass breakage, etc. (4) coating, peeling the film of plating surface

直射洗車厳禁



1AGACBRAP067A

近距離洗車厳禁



1AGACBRAP068A

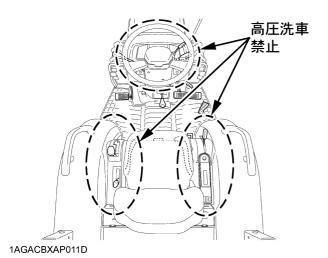
重 要

* At the time of the car wash by the high-pressure car wash machine, etc., Metapa

Nell, around the steering post, Ponpare bar, around the horn

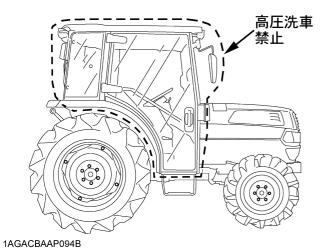
button, battery, engine around electrical wiring and electrical

equipment (and electro-hydraulic operation unit) in, please do not
put pressure water. Cause of the electrical component failure.



Glass portion of the safety cab, at the time of the car wash of the roof section, please do not put pressure water. (Please spread the Luke water flow to lower the pressure.)

Safety cab interior of the water leak, and cause of the electrical component failure.



Periodic inspection point list



* ⊚ is conditioned after 50 hours of operation or after 100 hours

Please be performed without fail.

* Battery electrolyte annual time of 100 hours or more

In the case of the internal, you should perform the inspection per year.

[When you need specialized technical and special tools, please consult your place of purchase.] In accordance with the following periodic inspection point, carried it wants quotient periodic inspection.

		season						Hour me	eter disp	lav time								Soo nago
No.	item	ocason	50.10	0 150 20	00 250 3	00 350	1		600 65								from then	See page
1.00	gine oil	Exchange		0 130 20	0 230 3	00 330	0 430	300 330	000 03	0 700	0		0		0		Every 100 hours 122	
	gine oil filter exchange ⊚	Excitation	-				0				0				0		Every 200 hours 127	
				0			0				0				0			
	fraulic oil filter	Exchange					0								0		Every 200 h 128	
4 mis	sion oil	Exchange		0							0						Every 400 h 133	
5 fro	nt axle case oil	Exchange					0						0				Every 300 hours 132	133
6 inje	ction of grease	-	0	0	0	0	0	0	0	0	0	0	0	0	0	o ever	y 50 hours	118
Ever	y seven engine starting system inspect	on o o o	0000	0000	○ ○ 50	hours												120
8 tire	mounting bolts	Each ins	pection	0000	0000	0000	○ ○ 50 h	ours										120
9 of 1	he clutch housing Water drain	Each dr	ainage [©]	0000	0000	0000	∘ 50 ho	urs										120
		Each ins	pection	0000	0000	0000	○ ○ 50 h	ours										121
10 po	wer steering hose	Exchange															Every two years	136
		Each ins	pection	0000	0000	0000	○ ○ 50 h	ours										121
11 fue	el hose	Exchange															Every two years	136
12 ba	ttery electrolyte	Inspectio	n o		0		0		0		0		0		0		Every 100 hours 124	
					0		0		0		0		0		0		Every 100 hours 125	
13 air	cleaner element cleaning o	Exchange															Per year	134
14 fue	el filter element replacement								0								Every 400 hours 134	
15 far		Adjust o			0		0		0		0		0		0		Every 100 hours 126	
	tch pedal	Adjust ®			0		0		0		0		0		0		Every 100 hours 126	
	ake pedal	Adjust o			0		0		0		0		0		0		Every 100 hours 127	
		rajuot																
18 ste	ering Joint	inspection			0				0				0				Every 200 hours 129	
19 ra	diator hose	inspection			0				0				0				Every 200 h 128	
		Exchange															Every two years	136
20 to	e, tie rod inspection				0				0				0				Every 200 hours 129	
21 en	gine valve clearance	inspection															Every 800 hours 134	
22 front	differential case before and after play adjustment												0				Each 600 hours 134	
23 ra	diator (Cooling system) cleaning																Every two years	136
24 coo	ing water	Exchange															Every two years	135
25 ma	in cylinder hose exchange																Every two years	136
26 Mc	onroe cylinder hose [MA · MAD specification] Exchange																Every two years	136
27 the	way of the air vent of the fuel -																If necessary, 137	
28 fus	e class	Exchange															If necessary, 137	
29 lar	nps	Exchange															If necessary, 138	
30 gre	ase coating of the horn contact	-															If necessary, 138	

Simple care and treatment of the tractor

[Safety cab specification]

	season Hour meter display time									form the co	See page				
No.	item		50 10	0 150 20	00 250 3	00 350	400 450	500 550	600 65	0 700				from then	
Clog	ging cleaning of the inside air-filter				0				0			0		Every 200 hours 130	
Clogg	ing cleaning of the second outside air filter				0				0			0		Every 200 hours 130	
3 clo	gging of the capacitor	cleaning			0				0			0		Every 200 hours 131	
4 tens	sion adjustment of the air conditioning belt				0				0			0		Every 200 hours 131	
5 hea	ater piping, hose	inspection												Per year	134
6 air	conditioning piping, hose inspection													Per year	134
7 wa	sher fluid	Replenishr	nent											If necessary, 139	
8 lubr	cation to each unit	1												If necessary, 138	
9 refr	gerant (gas) volume	inspection												If necessary, 139	

[Pawakuro Specification

		season	Hour meter display time									See page						
No.	item		50 10	0 150 20	00 250 3	00 350	100 450	500 550	600 65	0 700							from then	
1 inje	ection of grease	-	0	0	0	0	0	0	0	0	0	0	0	0	0	o ever	y 50 hours	118
Oil S	ea of 2 track roller-遊輪 Le	inspection			0				0				0				Every 200 hours 132	

Oil (water) list

■ Refueling of the tractor (water)

				The amount	of capacity (L)					
No. ref	ueling (water) Item	KL210 KL230 KL250 KL210H KL230H KL250H KL330-T (W)	KL250-K (\$) (W) KL300-K (\$) (W)	KL270 KL270H KL280H	KL300 KL330 KL300D KL330D KL310H KL340H	KL360 KL430	KL380H KL410H	KL460H KL KL550H	500H	Remarks
1 fuel			27	35		40		45	47 diese	l light oil
2 coo	ing water	:	6.0)	6.9	7.5	8.0	0	Shimizu (If you put antifreeze, please at least put Shimizu by that amount.)	
		4.5 [5.7] - 8.2 -						Kubota genuine oil (for diesel engines) D30 or D10W-30 CC grade or CD grade		
3 eng	ine oil	-				7. 0	-		8 Five	Kubota genuine oil (for diesel engines) D30 Super CD or D10W-30 Super CD CC-class disabled, CD class or higher use only
4 mis	sion oil (Hydraulic oil)		tillweenty					14		Kubota genuine oil Super UDT or
5 fron	t axle case	3.7 *	3.2 **	3.9 *	**		5	.5		bio Super UDT
6 ead	n operation lever Pedal fulcrum			No	te oil					
	thower Li pointClick				Notating • Conth					
	Nau∧4eover&lataliterla4s	Misower Stata literials coatin@1oth								Extreme pressure (universal) grease
	ploenes dune Strill 9 Da	Note ON								
Ten	Washer fluid [Safety cab specification]	2								Automotive washer fluid

- * Please put 4.5L If you before disassembly and repair the axle.
- * * Please put 4L If you before disassembly and repair the axle.
- * * * Please put 5.5L If you before disassembly and repair the axle.

[[Pawakuro specification]

Refueling other than the table below (water) is the same as the tire specification model of the same engine output.

			The amount of o	capacity (L)		Remarks	
No.	Refueling item	KL270-PC KL270D-PC	KL330-PC KL330D-PC	KL410H-PC	KL500H-PC		
1 mi	ssion oil (Hydraulic oil)	36	35	43		Kubota genuine oil Super UDT or bio Super UDT	
2	roWithgeel	0	1	0	1		
	Yu before/@heel	-		Q 76		SAE90 gear oil	
	wheel Yu R ear	-		0	1		

Recommended oil grease list

Please be sure to use the specified oil below.

■ Engine oil, transmission oil

Maker	engine oil	Mission Oil front axle case oil Each operation lever fulcrum
Nippon Oil	Kubota genuine oil (for diesel	
Cosmo Oil	engines) D30 or D10W-30 engine	
Japan Energy Showa	with turbo D30 Super CD or D10W-30 Super CD	Kubota genuine oil Super UDT or bio Super UDT
Shell Sekiyu Fuji Kosan	- 2 · 3 · 3 · 3 · 3 · 3 · 3 · 3 · 3 · 3 ·	

[★] If the oil in bio super UDT oil accident should have been flowing out soil, rivers, swamps, the sea, etc., is a lubricant that can prevent the most is degraded environment pollution of the components by such microorganisms.

■ Grease

Maker	Product name	Applications use			
Nippon Oil	Epi knock grease AP2				
Cosmo Oil	Dynamax EP2				
Japan Energy	JOMO Rizonikkusu EP2				
Showa Shell Sekiyu KK	Arubaniya EP Grease 2				
Fuji Kosan	Fukkoru EP2	Extreme pressure (universal) grease			
Idemitsu Kosan	Daphne Eponex SR2				
Mobil	Mobilux EP2				
Esso / General	Beacon EP2				
Kyodo Yushi	Multemp PS2	Grease horn contact			

Removing the opening and closing and the side cover of the hood

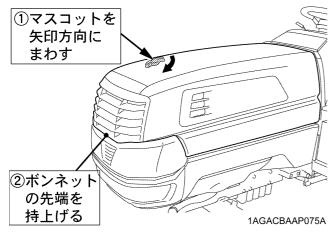


- * Absolutely the hood during engine Please do not.
- * Please do not touch when the muffler is hot. You may want to burns.
- Opening and closing of the bonnet

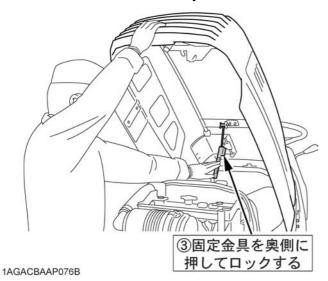


* When inspection, adjustment, open the hood, 必 Please hood fixing bracket is to work from to see if has been [lock] not.

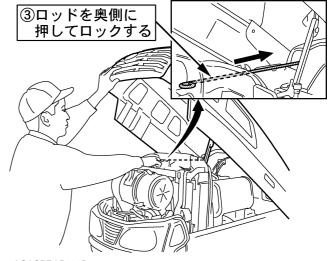
Opening the bonnet



[KL210 \cdot 230 \cdot 250 \cdot 270 \cdot 300 \cdot 330 \cdot 300D \cdot 330D \cdot 360 \cdot 430 \cdot 210H \cdot 230H · 250H · 270H · 280H · 310H · 340H]



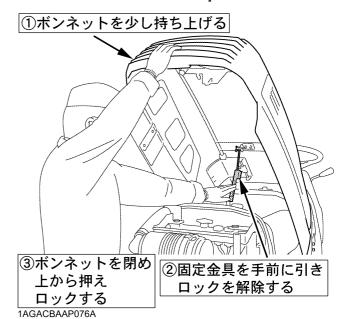
[KL380H · 410H · 460H · 500H · 550H]



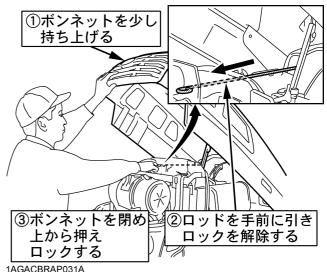
1AGACBRAP031B

• Closing the bonnet

[KL210 · 230 · 250 · 270 · 300 · 330 · 300D · 330D · 360 · 430 · 210H · 230H · 250H · 270H · 280H · 310H · 340H]

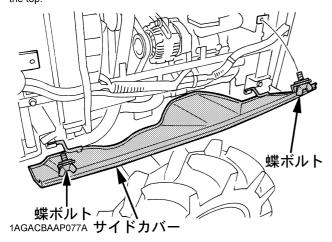


[KL380H · 410H · 460H · 500H · 550H]



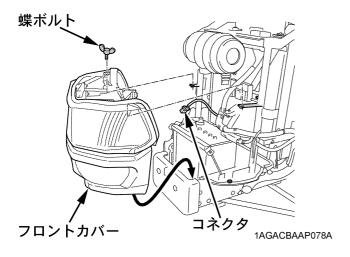
■ Removing the side cover

Remove the sides of the bolt, remove the Saidoka bar and pulled up to the top.



Removing the Front Cover

- 1. Remove the headlight connector.
- 2. Remove the both sides of the bolt, and the front cover is removed.



Daily check



- * No fires
- * When the inspection is, d down the always working machine Please perform stop the engine.
- * If the fuel oil has been spilled, clean Please wipe.
- * Please have the tractor is kept always clean.

 Battery, wiring, if there is such as adhesion of dust and fuel to the muffler and engine periphery, cause a fire.
- * During or immediately after and stop operation, the pressure of the radiator

 Please do not absolutely open the cap. There is that heat
 hot water to the burn was ejected or be.
- * Inspection and settling open the covers, around the engine

 When Bei, inside is cold enough, please be performed after confirming that there is no risk of burns.

■ The day before the abnormal portion

If there is a place to feel normal during the previous day's work, please check whether there is any trouble before use.

■ Walk around the tractor

- 1. of nuts and bolts loosening and falling out of the working machine mounting pin
- 2. of the body each part deformation and damage
- 3. oil or water leakage such as whether there is no abnormality, make sure you check.

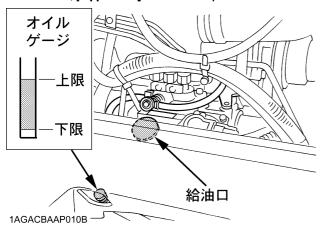
■ The amount and dirt of engine oil



- * When the inspection, be sure to stop the engine Please perform from.
- clean wipe the tip to remove the oil gauge, again disconnect from crowded

 difference [Between the lower and upper limit] Check whether there is

 ail.
- 2. [Lower limit] Please replenish the following cases. It was However, [Upper limit] Please do not put in more.



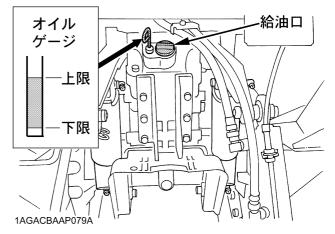
重要

- * When you inspection, place the tractor on a level place stay here. And if not exact amount is shown tilted.
- * The oil level or before the engine starting, stop the engine Be sure to check out standing about 5 minutes or more from Umate. Otherwise, oil can not be measured in exact amount of oil is still in the various parts of the engine.

■ The amount and dirt of the mission oil



- * When the inspection, be sure to stop the engine Please perform from.
- clean wipe the tip to remove the oil gauge, again disconnect from crowded difference [Between the lower and upper limit] Check whether there is oil. When equipped with a working machine (rotor Li), please make sure to lower the working machine (rotary).
- [Lower limit] Please replenish the following cases. It was However, [Upper limit] Please do not put in more.



The amount of cooling water

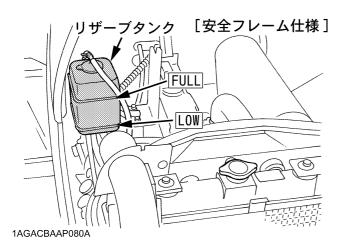


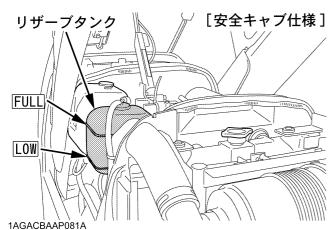
* Radiator cap, engine operation in 及

When I opened immediately after the fine stop, you may hot water to the blow-burning mode. Standing for more than 30 minutes after the stop, turn slowly the first stop position or in cap from the cold, ple ase remove the cap from the removal of the Yo圧.

The radiator, comes with a reserve tank, and cooling water in the radiator is reduced, has become a structure that is automatically replenished from the reserve tank.

The amount of cooling water, please check the amount in the reserve tank. [Range from FULL of LOW] If it is normal. If cooling water is LOW following, please supply until the level of FULL. Please do not put more than FULL.



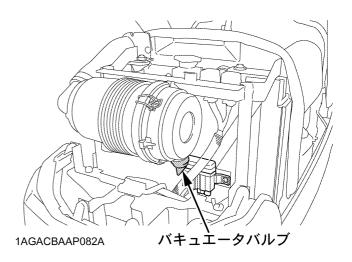


補足

* Radiator body of the cap, cooling water inspection 及 Please do not open except when to fine-exchange.

Cleaning of Vacu eta valve

Open the Vacu eta valve, again that we Remove the garbage. When there is moisture, please clean the air cleaner.



 Wire harness, inspection and replacement of the battery (+) code



* Loosening and wiring terminals and connection portions of the wiring

Damage, not only impair the performance of the electrical components, cause a short circuit and leakage of electricity, there is a possibility that the fire accident be very dangerous. Damaged wiring, please replace or repair as soon as possible.

If you would cut immediately by replacing the fuse does not substitute such as a wire, please ask the inspection and maintenance of purchase.

- * The wiring of the unit, due consideration such waterproof

 Without using Repair blindly Because it is wired in, please
 ask the inspection and maintenance of purchase.
- *The peripheral portion of the battery and the electrical wiring, muff

 As with La and engine periphery, because the cause of the fire if
 there is a deposition of Warakuzu-garbage-fuel, please be cleaned
 before work every day.

Please check the following items.

- that there is no damage to the wiring. Wiring coating is torn Rutoki is, call for inspection and maintenance of purchase.
- that there is no loosening of the clamp of the wiring. When the wiring is out from the clamp, please set the wiring at a predetermined clamp.
- terminal (terminal), that there is no loosening of the connection portion of the coupler (socket).
- 4. that each switch, the meter will operate reliably.

重要

* At the time of the car wash by the high-pressure car wash machine, etc., Metapa

Nell, around the steering post, Ponpare bar, around the horn button,
battery, engine around electrical wiring and electrical equipment (and
electro-hydraulic operation unit) in, please do not put pressure water.

Cause of the electrical component failure. * Once a year, at a
purchase will receive a periodic inspection

Please.

- * Inspection of slow-blow fuse, the exchange will always buy

 Please be carried out at authorized service provider.
- Water of the fuel filter, inspection of the precipitate

 Water and dust contained in the fuel will be precipitated in the filter.

 Close the fuel filter cock When the accumulated water, dirt, remove the filter, make sure Remove the water-waste.

In this case, it is necessary to make sure the air vent or be.

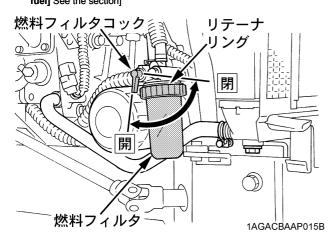
- 1. The fuel filter cock [Closed] Please be in.
- 2. Remove the cup top of the cup to loosen the retainer ring, and then clean the inside with light oil.



- * When assembled, the dust and the dust does not adhere Take care.
- * After replacing the elements, be sure to disconnect the air

 After making sure that the digits, please drive.

 [Inspection and maintenance as needed] of [How the air vent of fuel] See the section]



■ Tire air pressure, and wear, damage

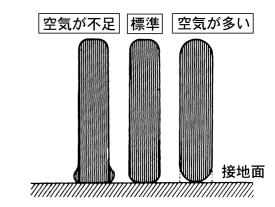


- *The air pressure in the tires, set forth in the instruction manual

 Please observe sure the specified pressure you are. Put too
 much air will cause the cause of the casualties accident there
 is a risk of tire burst.
- * There is a scratch on the tire, to the scratch code (thread)

 If you are reached, please do not use. There is a risk of tire burst.
- * Tire, tube, exchange such as the rim, repair
 - , Please be sure to consult purchase. (As performed by the person who received the special education, it has been found determined by the law.)

The air pressure in the front and rear wheels will examine whether it is appropriate. A guide to determine from the appearance is as follows.



1AGAAAPAP007A

• standard pneumatic

[] In the time of front loader mounting

	Air pressure kPa (kgf /) CM ²
	160 (1.6) [200 (2.0)
Before wheel	140 (1.4) KL330 House, for KL250 · 300 orchard 230 / 60-16 special wide tires only}
Rear wheel	100 (1.0)

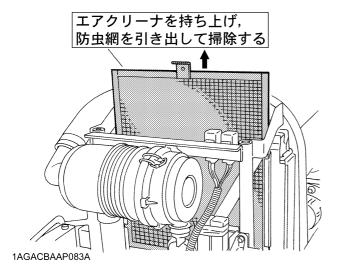
Cleaning of insect screen



* Please clean to stop the engine without fail

There.

When used in paddy fields and night work, you may be clogged adheres real and Konmushi of grass in insect screen. Please be pulled out cleaning the insect screen.



■ Play and inspection of the brake pedal

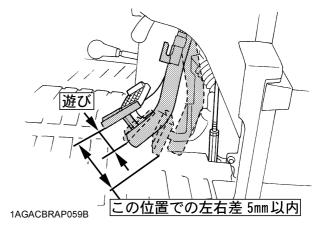


* Poor adjustment of the brake, with a life-threatening accident

Which will also lead. Always be aware of the operating state.

Play the amount of stepping on the pedal [15 ~ 20mm] Whether, also the difference between the amount of depression of the left and right brake 5mm within Examine the excessive emergence. [Way of adjustment [Inspection and maintenance of every 100 hours] of

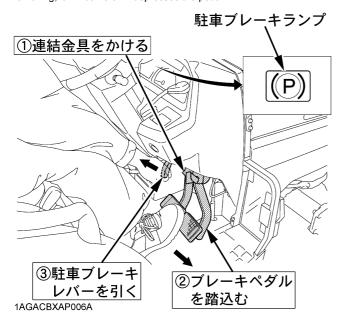
[Inspection and adjustment of the brake pedal] See the section]



■ The operation inspection of the parking brake

Depression and left and right linking the brake pedal, the lever

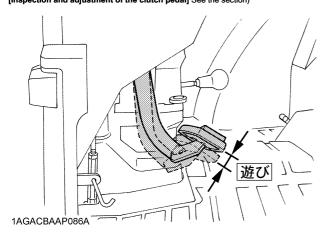
[Up] Was left and release the foot parking brake is Ri written. When removing, it will come off if depresses the pedal.



■ Play and inspection of the clutch pedal

Play the amount of pedal [$20 \sim 30$ mm] Make sure there.

(How to adjust [Inspection and maintenance of every 100 hours] of [Inspection and adjustment of the clutch pedal] See the section)





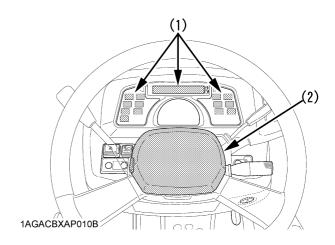
* When the adjustment of the clutch is bad, the clutch out bad, It leads to damage to cause a slip.

■ The operation of the meter lamps

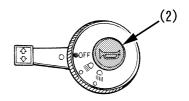
The following meter and lamps Please make or inspections to work properly. (1) Electronic meter (2) horn (3) headlights (4) turn signal (pre) (5) blinker (after) (6) hazard lamp (7) front side working light (8) Working lights

The following KL210H \cdot 230H \cdot 250H \cdot 270H \cdot 280H \cdot 310H \cdot 340H \cdot 380H \cdot 410H \cdot 460H \cdot 500H \cdot 550H \cdot 270-PC \cdot 330-PC \cdot 270D-PC \cdot 330D-PC-type tractor

(9) reversing lights (10) tail light, brake light (11) car width lamp



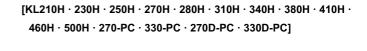
[KL250・300果樹園仕様]

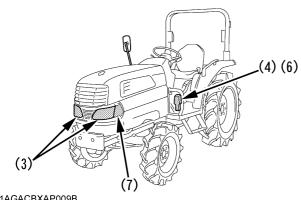


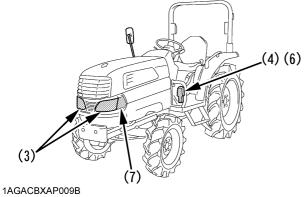
1AGACBAAP303D

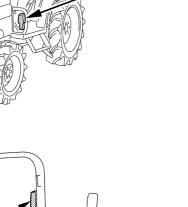
• Safety frame specifications

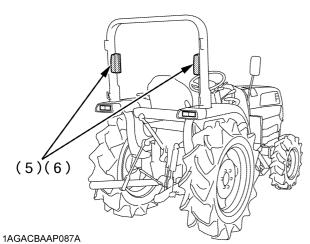
[KL210 · 230 · 250 · 270 · 300 · 330 · 300D · 330D · 360 · 430] (except Pawakuro specification)

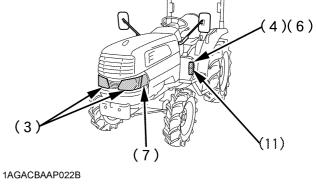


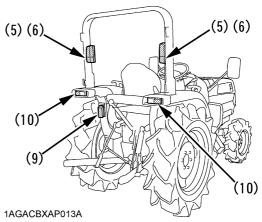






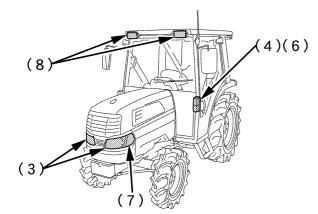




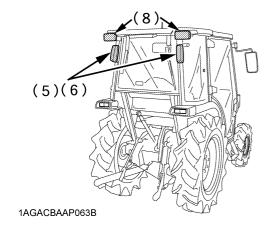


Safety cab specification

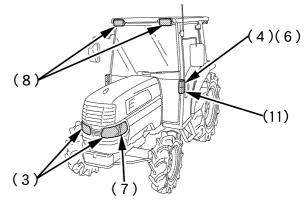
[KL210 \cdot 230 \cdot 250 \cdot 270 \cdot 300 \cdot 330 \cdot 300D \cdot 330D \cdot 360 \cdot 430] (except Pawakuro specification)



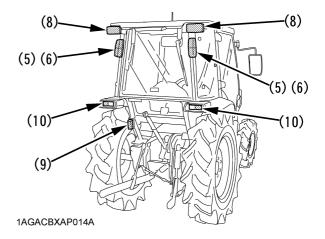
1AGACBAAP062B



[KL210H · 230H · 250H · 270H · 280H · 310H · 340H · 380H · 410H · 460H · 500H · 550H · 270-PC · 330-PC · 270D-PC · 330D-PC]



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Supply of fuel



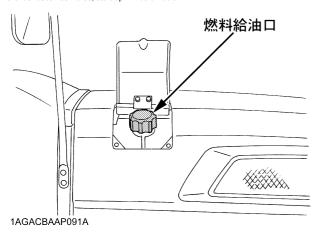
- * When refueling, be sure to stop the engine Please sealed in.
- * No fires.

The fuel, [Diesel] Use a.

The diesel There are the following table types. Please use those commensurate with the regional-season.

Pour point of t	point of the kind diesel light oil (°C), especially No. 1		
	+ 5 more		
No. 1	0 and - 5		
No. 2	- Ten		
No. 3	- 15 and -20		
Japanese No. 3	- 25 and -30		

And it becomes equal to or less than the temperature near the pour point of the fluidity of the fuel becomes worse, start-up will be difficult.



重要

* When the dust or sand in the fuel is mixed, fuel injection

Since the elevation pump will malfunction, please do not remove the refueling Hakodate Shi net. * Air hole in the fuel cap is blocked by dirt or dust

Please check or not.

You go to see if * fuel cap is tightened Sai.

Cleaning of insect screen for the capacitor

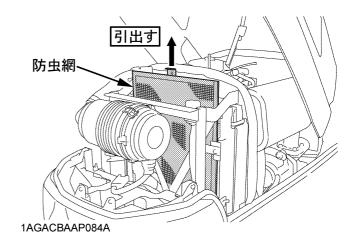
[Safety cab specification]

In the air conditioning specification, there are insect screen in front of the radiator as well as capacitors. Pull out the insect screen, please clean.



* Because the insect screen is made of metal, of the battery (+)

So as not to touch the terminals Be extremely careful.

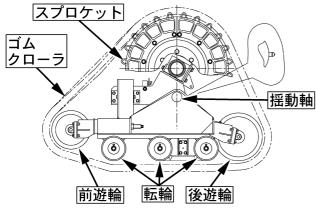


Daily inspection (Pawakuro specification only)

By performing the maintenance, you can prevent the trouble of life up and daily use life of the Pawakuro machine. Please execute the maintenance according to the following table.

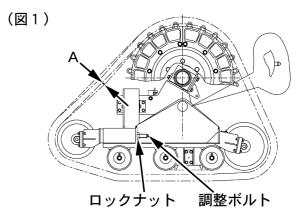
Daily check points list

Inspection point	Inspection contents		
	A Is there any oil leakage.		
	If there is oil leakage, Sai that we have it		
Track roller	inspected by authorized service provider.		
Track Toller			
	A Winding of grass, stone involved in depressed,		
	Is there any deposition of mud.		
	A Extreme wear, not the uneven wear		
	Why do not.		
	A Like the rear 遊輪 and the scraper		
	Or Is it proper.		
」 『游輪	[KL330-PC, 330D-PC, 410HPC, 500H-PC		
1 22 TM	only]		
	A Is there any oil leakage.		
	If there is oil leakage, Sai that we have it		
	inspected by authorized service provider.		
annolist A Winding of	grass, stone involved in depressed,		
sprocket A winding of	Is there any deposition of mud.		
	A Major damage to the crawler Ha		
Rubber crawler	Ri No one.		
	A Tension of the crawler is proper		
	Or.		
	A Appropriate line to grease up		
Pivot shaft portion	Please become to. (Rule of thumb: 50		
	hours per use)		



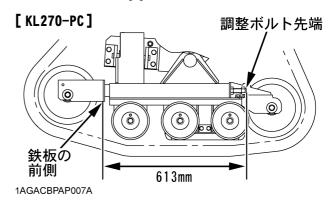
1AGACBXAP029A

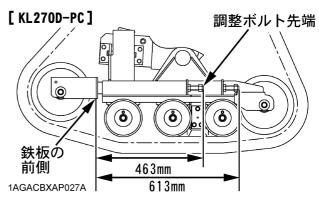
- Tension adjustment of the rubber crawler
- When used in left loose rubber crawler and the there is a possibility that the crawler during the run line is out, please perform the regularly inspection.
- 2. Adjustment of the tension of the rubber crawler, as the deflection of the portion A is 10 \sim 15 mm with a load of 196 \sim 245N (20 \sim 25kgf), please perform at adjusting bolt. Please be fixed in a securely locked nut after adjustment. (See Figure 1)

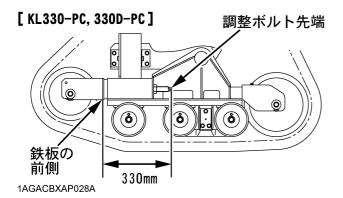


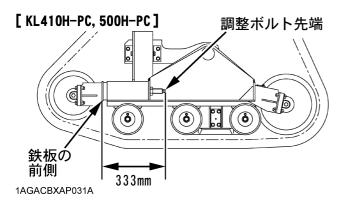
1AGACBXAP029B

As a measure of the tension adjustment of the rubber crawler, please refer to the dimensions shown in the following figure.





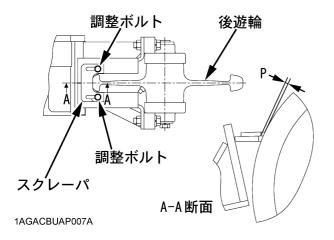




Clearance adjustment of the scraper

[KL330-PC, 330D-PC, 410H-PC, 500H-PC]

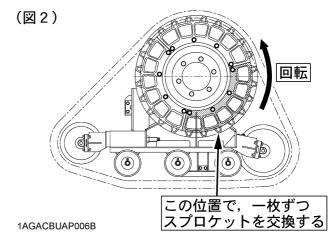
- 1. Continuing the work remains a gap between the 遊輪 and the frame is lar ge viewing Kamico the stone between 遊輪 and frame, leading to prem ature wear of 遊綸. For a stone hair prevention, please performed regularly inspected.
- 2. clearance adjustment of the scraper to loosen the adjustment bolt, p lease take a line and slide the scraper back and forth. At this time , the gap between the scraper and Yu wheel (P dimension) in the order of 1 ~ 3mm, rear 遊輸 Please make sure to rotate smoothly . Please fix the scraper and tighten securely adjustment bolt after confirmation.



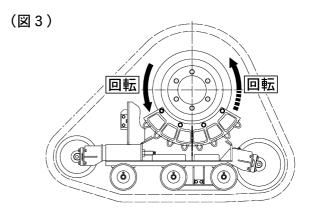
■ Exchange procedure of the sprocket

Sprocket is made up of three pieces.

- 1. Replace the lower side of the sprocket shown first in part to the new sprocket. (Fig. 2)
- then allowed to slowly rotate the axle, will continue to exchange sequentially sprocket came on the lower side with a new one.
- 3. After replacing the three sprockets, please perform the tension adjustment of Gomukuro La.



- Exchange procedure of the rubber crawler
- Loosen the lock nut, then rotate the adjustment bolt to loosen the tension of the crawler. (See Figure 1)
- 2. Remove the lower side of the sprocket or et al. Sequentially two of the sprocket shown in part of Figure 2.
- Gently rotate the axle to the position shown in Figure 3 while leaving a piece of the sprocket, remove the old rubber crawler.
- After you replaced with a new rubber track, rotate the axle, only multiplied by the rubber crawler to the sprocket.
- 5. After installing two sprockets removed, again that will perform the tension adjustment of the rubber track at the end.

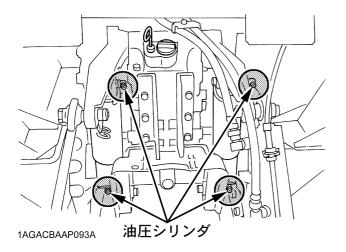


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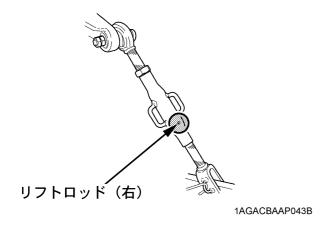
Of every 50-hour inspection and maintenance

■ Injection of grease

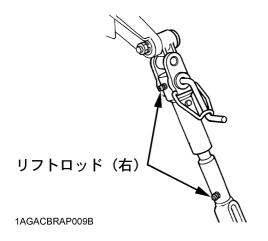
Puddling when you enter into the muddy water in such work, let's be sure to grease up after the work day is over. Grease, [**Kubota recommended grease**] Please use.



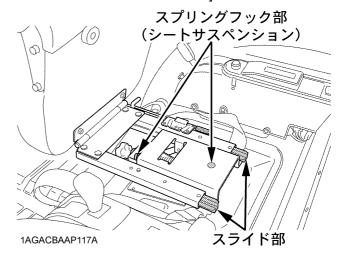
[Except KL210 \cdot 230 \cdot 250 \cdot 270 \cdot 300 \cdot 330 \cdot 210H \cdot 230H \cdot 250H \cdot 270H \cdot 280H \cdot 310H \cdot 340H MA \cdot MAD Specifications



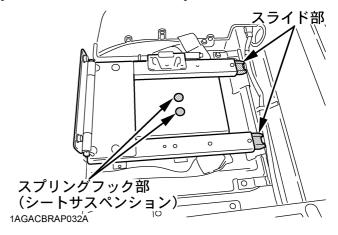
[KL360 \cdot 430 \cdot 380H \cdot 410H \cdot 460H \cdot 500H other than MA \cdot MAD Specification]

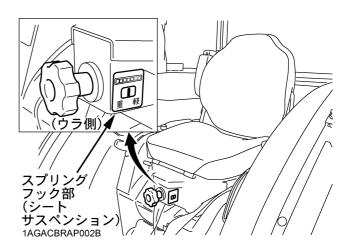


[KL210 · 230 · 250 · 270 · 300 · 330 · 300D · 330D · 360 · 430 · 210H · 230H · 250H · 270H · 280H · 310H · 340H]

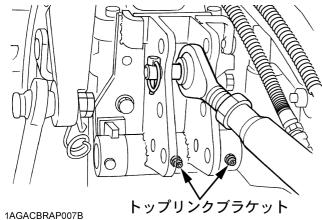


[KL380H · 410H · 460H · 500H · 550H]



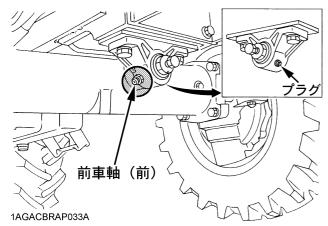


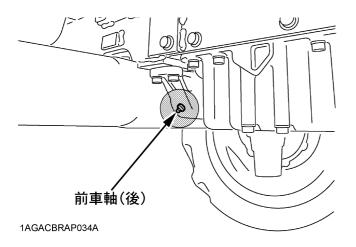
[MAD specification]



[KL360 · 430 · 380H · 410H · 460H · 500H · 550H]

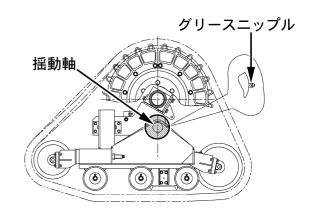
Remove the plug, please by injecting the grease until the grease comes oozing.



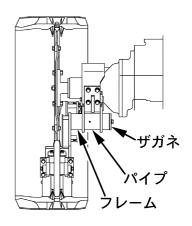


[KL270-PC · 330-PC · 270D-PC · 330D-PC · 410H-PC · 500H-PC]

Injection of grease, please carried out from the gap between the pipe and the frame or the pipes and the washer until the grease comes out.



1AGACBXAP029C



1AGACBXAP030A

Inspection of the engine starting system



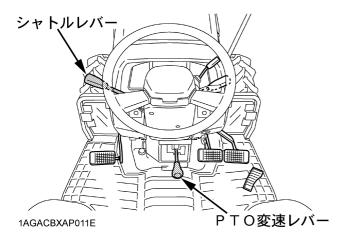
- * During inspection, so as not to approach the person to the tractor please.
- * After the error has always maintenance if the equipment, your Please use.
- inspection
- Sit in the driver's seat, the main transmission, the shuttle and PTO speed change lever [Neutral] (And then to N).
- 2. applied the parking brake and stop the engine.
- 3. accelerator lever [Slowest] To the on position.
- **4**. full depress the clutch pedal, instantly key switch **[Start-up]** Turn to the position. At this time, the engine is normal if Maware.
- 5. Then, the shuttle lever on the clutch pedal while it full depressed [Forward]

 Or [Backward] To, the PTO gear shift lever [Each shift stage] [Including the case where the neutral (N) Put on], instantly key switch

[Start-up] Turn to the position.

In this case, it is normal to be from turning the engine.

6. If, in the case of a failure, please consult the place of purchase.

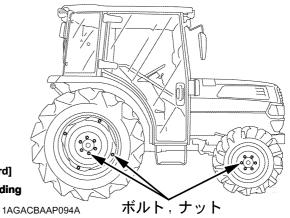


■ Inspection of the tire mounting bolts



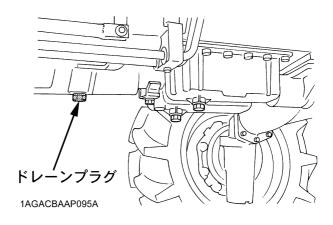
* Like the loose tire mounting bolts and nuts

Please do not drive the tractor in Thailand. When boiled Rundamama traveling, there is a risk to this cause an injury accident.



■ Drainage of the clutch housing

In such puddling work, car wash, rain, if it takes a large amount of water to the clutch housings, or 50 hours to remove the Dorenpu lug of the clutch housing bottom for each use, ensure that there is no intrusion of water. If if it contains water, completely unplug, please dry well inside.



■ Inspection of the power steering hose



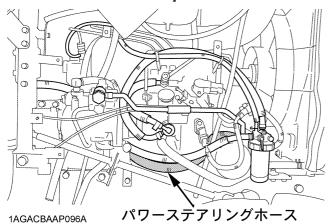
* Damage to the hose, let's be sure to check.

Hose Ri is no longer able to damage the steering wheel, there is a possibility that the cause of the injury.

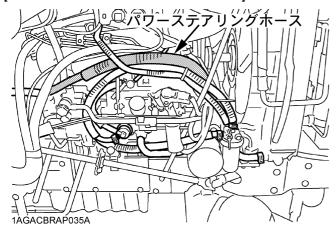
Power steering hose is a consumable to deteriorate even without. When the or damaged every two years should be replaced with a new one.

Please be aware at all times whether the hose is not damaged.

[KL210 · 230 · 250 · 270 · 300 · 330 · 300D · 330D · 210H · 230H · 250H · 270H · 280H · 310H · 340H]



[KL360 · 430 · 380H · 410H · 460H · 500H · 550H]



重要

* Do not get the garbage, such as the hose at the time of exchange be careful. This can cause malfunction and dust from entering.

■ Inspection of the fuel hose

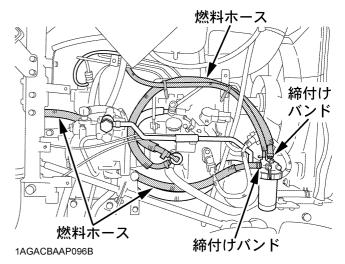


- * Loosening of pain and tightening band of hoses
 - , Please be sure to check. Please perform the exchange and maintenance if there is an abnormality. It causes such as a fire or injury due to fuel leakage.

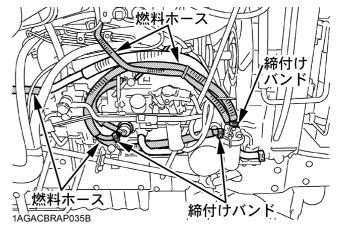
Rubber products, such as fuel hose is a consumable to deteriorate even without. When or damaged every two years along with the tightening band should be replaced with a new one.

- loosening the hoses and tighten the band, please be aware at all times or not damaged.
- If you replace the fuel hose, you will need to make sure the air vent. ([Inspection and maintenance as needed] of [How the air vent of fuel] See the section)

[KL210 · 230 · 250 · 270 · 300 · 330 · 300D · 330D · 210H · 230H · 250H · 270H · 280H · 310H · 340H]



[KL360 · 430 · 380H · 410H · 460H · 500H · 550H]



重要

Garbage input, such as the hose and the injection pump at the time of exchange

Please be careful not et al. When the dust enters, this can cause
malfunction of the injection pump.

Inspection and maintenance of every 100 hours

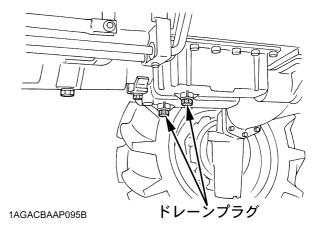
■ Replacing the engine oil



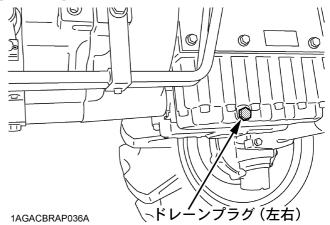
- * When the exchange, be sure to stop the engine

 Please perform from enough cold. There is a risk of burns.
- Remove the drain plug (left and right) Drain the oil. In this case you will have easily discharged toward the oil is warm.
 However, please be aware of the burns.

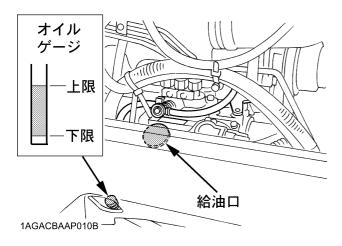
[KL210 · 230 · 250 · 270 · 300 · 330 · 300D · 330D · 210H · 230H · 250H · 270H · 280H · 310H · 340H · 380H · 410H · 460H · 500H · 550H]



[KL360 · 430]



- 2. Tighten the drain plug (left and right).
- from the engine oil filler opening, please be input to the specified amount. At this time, please be careful not to spill any oil.
 Refueling If you leave out the oil gauge will is likely to be.



重要

* Different from the oil that has been used until now manufacturer,

Or when using different ones viscosity No. is from the
discharge of oil all, please replace the new OIL. Use topped
Please do not absolute.

* Please be divided use in the following manner by the temperature.

[KL210 · 230 · 250 · 270 · 300 · 330 · 300D · 330D · 210H · 230H · 250H · 270H · 280H · 310H · 340H · 380H · 410H · 460H · 500H]

15 °C less D10	V-30 (for all seasons) 15 °C or D30, or
D10W-30	

Please be sure to use the winter D10W-30.

[KL360 · 430 · 550H with turbo]

15 °C following	D10W-30 Super CD For all seasons)
15 °C more tha	n D30 Super CD, or D10W-30 Super CD

In winter, be sure to use the D10W-30 Super CD.

- * When you inspection, place the tractor on a level place stay here. And if not exact amount is shown tilted.
- * The oil level or before the engine starting, stop the engine

 Be sure to check out standing about 5 minutes or more from

 Umate. Otherwise, oil can not be measured in exact amount of oil is

 still in the various parts of the engine.

Reset method of electronic meter message
 Between the message table 示時 the following procedure when the engine o

il exchange **0** hours Please return to. If you leave properly reset, reach the oil change period Then, it is very Convenient electronic meter message is displayed. (Display 1)

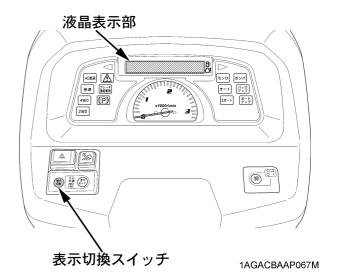
- 1. Press the display change-over switch, [Engine oil exchange Changeover trip time] To show mode. (Display 2)
- 2. press 2 seconds the display changeover switch in a state of the display 2 message appears **0** hours It will be reset to. (Display 3)

補足

* When new cars, the display time of the hour meter is not yet 20 hours

Resetting the fully, the message is displayed after the operation 50 hours (display 1). * [Orchard specification] In the display change-over switch, the operation

Panel located on the right side. (Detail is, [Names of parts necessary for the operation] See the section]





Inspection of the battery electrolyte



Rehydration is the battery unnecessary type and rehydration There are two types of required battery. For rehydration is required battery, please observe the following things.

* Battery below the liquid surface LOWER (minimum fluid line)

Do not use or charging while now. The deterioration of the site of the internal battery and continue to use in the LOWER following is promoted, not only shorten the life of the battery, it may cause an explosion. Please be rehydration between the UPPER LEVEL and LOWER LEVEL immediately.



- * Battery fluid is sufficient to treat because it is dilute sulfuric acid Note

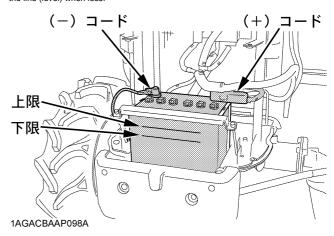
 And mind, make sure you do not put on the body or
 clothing. If the case of contact, please rinse with water
 immediately. Please receive medical attention by the
 situation.
- * During inspection and removal of the battery, engine

 Be sure to stop, please leave the key switch to the [OFF] position.
- * When removing the battery, short circuit (short)
 In order to prevent the accident, first to the battery (-)
 Remove the code, when you connect the battery last Please connect the code ().
- * When the battery is charging, the tobacco

 Please do not close the fire smoked or. In the battery is charging, the
 flammable gas is generated, there is a danger of fire ignition or
 explosion.

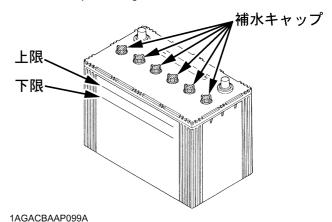
. Inspection of the battery fluid

Please check whether or not there is liquid surface between the two lines of the battery side (level). Please be supplemented with distilled water to the upper limit of the line (level) when less.



• How to rehydration

- 1. Remove the auxiliary water cap of the battery on the lid.
- rehydration of six auxiliary water holes to distilled water uniformly limit line (level).
- 3. Screw the cap to the original hole.



. Mounting of the battery, remove



* When removing the battery, the battery (-)

First to remove the code, please remove the next (+)

code.

* Mounting from, be sure to (+) side when mounting
You. When reverse, and short when the tool hits.

重要

* Damage to the battery when the battery liquid is insufficient, multi

Too When the liquid will corrode the body of the metal part spill.

* Always be specified in the case to be replaced with a new battery Please use the type of battery.

The tractor	Battery Type
KL210 · 230 · 250 · 270 · 300 · 330 · 300D · 330D · 360 · 430 · 210H · 230H · 250H · 270H	75D23R
KL280H · 310H · 340H · 380H · 410H · 460H · 550H	80D26R

* Remove the battery, when the mounting again back

Terri (+), (-) and wiring back into the code, tightened will please
so as not to contact the surrounding.

How to auxiliary charge



* When the battery is charging, the tobacco

Please do not close the fire smoked or. In the battery is charging, the flammable gas is generated, there is a danger of fire ignition or explosion.

- The battery is sure to charge always be removed from the vehicle body. Damage
 and the like in addition to the wiring of the electrical equipment damage there
 is Rukoto. Please not perform The rapid charging.
- 2. When you connect the battery code, and (+) Please do not mistake the (). Or made different when the battery and the electrical system to failure island.
- 3. charging, the battery charger of the (+) (+) of the battery (-) charger of the (-) Niso respectively connected, go please carried out in the ordinary charging method. Please be careful not to mistaken the connection of the code.

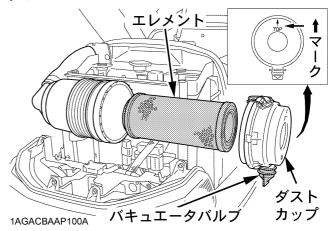
Cleaning the air cleaner element

• Cleaning of the elements

In the case of dry dust and dirt, being careful not to damage the element, Fukitobashiteku please in the air. (Pressure of the air is careful so as not to exceed the 205kPa (2.1kgf /), it is between the nozzle and the element Please be suitably opened.) If the element is dirty with carbon and oil, a neutral cleaning agent you please use.

• Exchange of elements

Exchange of the element must be replaced for each cleaning after use for one year, or six times.



重要

- * Element, is unnecessarily other than cleaning and exchange Please do not straw.
- * You are using the dry elements because, Oy

Please do not use the Le. * When cleaning, do not deformed by hitting the elements

Please out. When the deformed dust enters the engine, it may damage the engine. When deformed, please replace it with as soon as a new element.

* Of the dust cup (mark) always upward Please be mounted so as to be.

+ Cleaning of Vacu eta valve

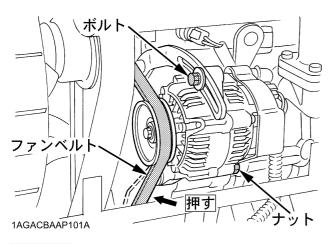
Open the Vacu eta valve, please Remove the big garbage.

Inspection and adjustment of the fan belt

	The central portion of the belt pressing with a force of
Proper tension strength	the fingertip at about 98 N (10 kgf), sufficient to be bent
	about 15mm

Adjustment method

- 1. Loosen the bolts and nuts that secure the alternator, and adjust by moving the alternator.
- 2. After the adjustment, Tighten to ensure the bolts and nuts.





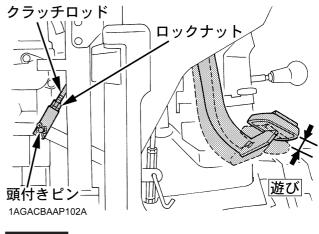
- * If the tension of the belt is loose, overheating and charge Cause of lack of electricity.
- * Please replace if any cracks or peeling comes.

Inspection and adjustment of the clutch pedal

20 ~ 30mm in a proper amount of play pedal	amount of play pedal
--	----------------------

Adjustment method

- Remove the head with a pin to loosen the lock nut with a click latch rod, and adjust the play of the pedal.
- 2. After the adjustment, tighten to ensure the lock nut, please keep in further cotter pin is securely folded.





* When the adjustment of the clutch is bad, the clutch out bad, It leads to cause a slip damage.

Inspection and adjustment of the brake pedal



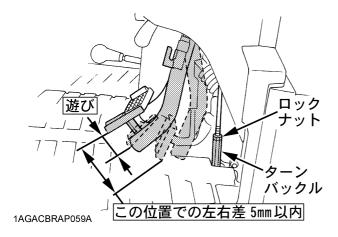
- * When the inspection and adjustment, be sure engine Please perform stop.
- * Poor adjustment of the brake, with a life-threatening accident

 Which will also lead. Always be aware of the operating state.
- * Be sure the difference between the amount of depression of the adjustment whe Please to [within 5 mm]. And the difference is greater brake will be on one Giki. When the brake is on one Giki, there is a cause Kosuo it injury accident.

15 with the proper amount of play pedal ~ 20mm

Adjustment method

- 1. Release the parking brake.
- Turn the turn buckle Loosen the lock nut, and adjust the play of the pedal. Please be after the adjustment had been tightened to ensure the lock nut.
- 3. When depresses the brake pedal, parking brake Kireba is not sure whether reliably operate.



Inspection and maintenance of every 200 hours

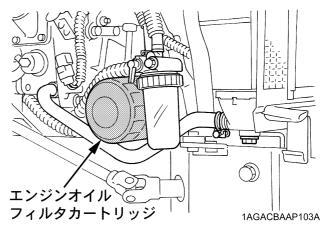
■ Replacing the engine oil filter cartridge



* When the exchange, be sure to stop the engine

Please perform from enough cold. There is a risk of burns.

- the left and right pedal
 - 1. Remove the filter with the filter wrench.
 - oil from the thin rather than applied to the O-ring of the new cartridge, and tighten securely by hand without the use of a filter wrench.
 - 3. supply the engine oil up to a specified amount.
 - operation for about 5 minutes, also whether or not there is an abnormality in the operation of the oil lamp, stop the engine from to see if there is no oil leakage.
 - Check the amount of oil in again oil gauge, please supply if the shortage.



補足

* Oil filter is a cartridge type.

When the oil filter is clogged, the operation is Baipasuba Lube, since the oil feeding without passing through the oil filter from the oil system and the lubrication is performed with unfiltered oil. To prevent this, it there is no clogging of the oil filter sea urchin, at a specified time, please replace the cartridge of the new genuine parts.

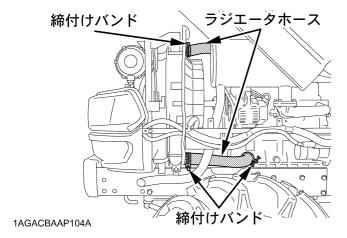
Inspection of the radiator hose



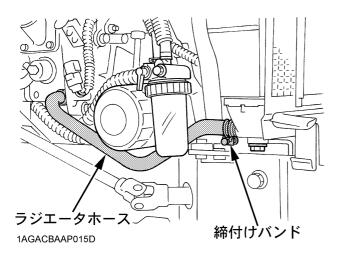
* Of the radiator hose of pain and tightening band

Please check whether the loose is not. Please perform the exchange and maintenance if there is an abnormality. It may cause, such as burns due to heat hot water leakage.

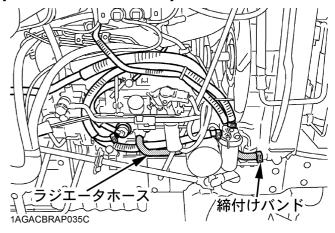
Rubber products, such as a radiator hose is a consumable to deteriorate even without. When or damaged every two years along with the tightening band should be replaced with a new one.



[KL210 · 230 · 250 · 270 · 300 · 330 · 300D · 330D · 210H · 230H · 250H · 270H · 280H · 310H · 340H · 380H · 410H]



[KL360 · 430 · 460H · 500H · 550H]



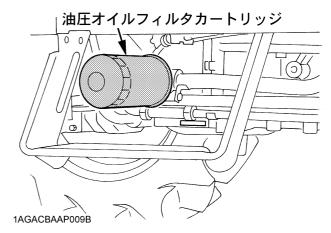
Replacing the hydraulic oil filter cartridge



* When replacing, be sure to stop the engine ten

Please perform from the minute cool. There is a risk of burns.

Please replace with genuine parts of the cartridge.



- 1. Unplug the mission oil.
- 2. Remove the filter with the filter wrench.
- oil from the thin rather than applied to the O-ring of the new cartridge, and tighten securely by hand without the use of a filter wrench.
- 4. supply until the amount of the provisions of the mission oil.
- about driving 2 minutes, to see if there is no abnormality in the raising and lowering of the working machine, stop the engine from lowering the working machine (rotary).
- 6. Check the oil level again with oil gauge, please supply if the shortage.

[Without the way of the mission oil, how to supply the [Inspection and maintenance of every 400 hours] of [Replacement of the mission oil] See the section]

■ Inspection of the steering joint

Stop the engine, touch by hand the steering joint, please check whether there is Gataya deformation to the steering joint.

If, sure to inspection and maintenance request to the purchase if there is an abnormality.



■ Inspection of the toe-in adjustment and the tie rod

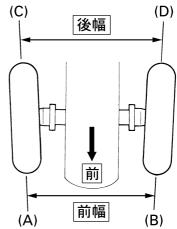


* Poor adjustment of the toe-in, take the handle Or are, you may swing abnormal.

• inspection

Front wheels of the front width (A) (B) and measure the rear width (C) (D), (C) (D)

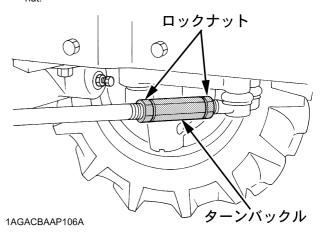
- (A) (B) = 2 ~ Check to see it has become 8mm.



1AGALAFAP253A

Adjustment method

- 1. Loosen the lock nut, (C) (D) and adjusted to (A) (B) = $2 \sim 8$ mm.
- 2. After the adjustment, please keep in tightened to ensure the lock nut.



補足

- * The time of inspection and adjustment of the toe-in, tie rod end

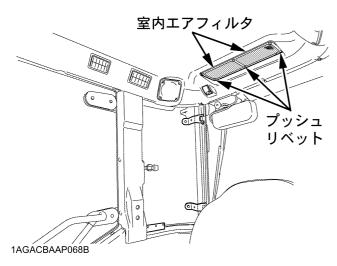
 Please check for any wear or deformation (Sekise' balls) and
 links.
- * The standard air pressure, carried out the inspection and adjustment of the toe-in please.

The following is the inspection items of the only safety cab specification.

■ Cleaning of indoor air filter

If the filter is clogged and ruled efficiency of the air conditioning is low.

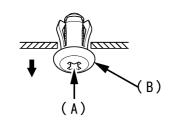
Please refer to the cleaning so as not to a network of filter cause damage.



• Mounting of indoor air filter, remove

A "How to Remove"

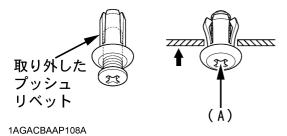
A peripheral part (B) of the push rivets of the room air filter pressing by hand (A) unit (+) will come off and turn left at the driver.



1AGACBAAP108B

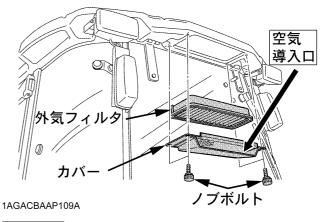
A "Installing the way"

Insert the push rivet into the room air filter, to secure the push rivet press the part (A).



■ Cleaning the outside air filter

Remove the knob bolt, remove the cover and filter together.



補足

* Assembled toward the air inlet of the cover on the outside Please give me.

• Cleaning method

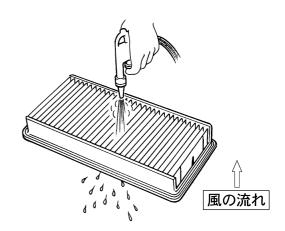
A "Normal"

Reverse direction from the air blow Shitekuda Sai wind flow direction.

重 要

* Please do not hit the element.

When the element is deformed, dust penetrates into the air conditioning unit, you might want to damage the air conditioner.



1AGALAFAP314A

A "When the dirt is remarkable."

Washed while moving up or down left and right dipped in warm water to dissolve the household neutral detergent, rinsed thoroughly with fresh water, please completely air-dried.

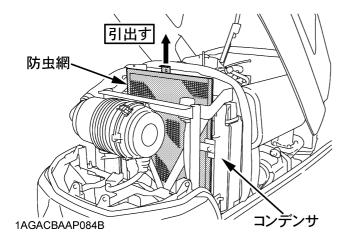


- * Gasoline to wash, do not use, such as thinner Please give me.
- Clogging of the air conditioning condenser



* When the inspection, be sure to stop the engine Please perform from.

Please to have the Remove, etc. If air blow or tap water if waiting garbage is packed to the capacitor fin pulling the insect screen.



■ Tension of the air conditioning belt



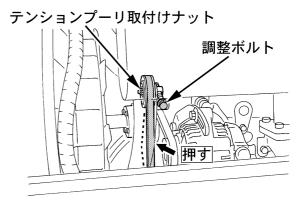
* When the inspection, be sure to stop the engine Please perform from.

Proper tension strength

The central portion of the belt pressing with a force of the fingertip at about 98 N (10 kgf), sufficient to be bent about 10 \sim 12 mm

Adjustment method

Loosen the tension pulley mounting nut, and tension adjustment bolt.



1AGACBAAP111A

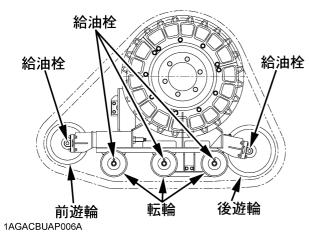
■ Oil seal inspection of track roller-遊輪

[KL270-PC · 330-PC · 270D-PC · 330D-PC · 410H-PC · 500H-PC]

Oil seal of track roller-遊輪 of crawler, on top of the inspections and checks be tween every hour 200, please replace if there is an abnormality.

In addition, the rotary wheel at the time of inspection, 遊輪 part (KL270-PC, 330PC, 270D-PC, 330D-PC is track roller only) Please refer to the oil auxiliary supply to. When the supply is the filler opening in the top position, please supply until the oil is overflowing with oil feed. Oil filler plug, please wind the sealing tape at the time of tightening the screw portion. [For the refueling amount of the components [Oil (water) list]

See the section]

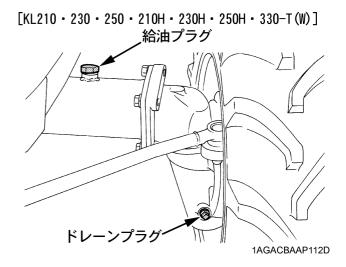


Of every 300 hours inspection and maintenance

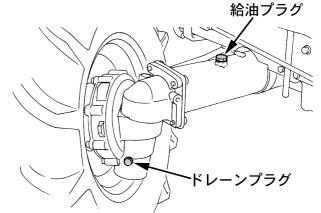
■ Replacement of the front axle case oil

[KL210 · 230 · 250 · 270 · 300 · 330 · 300D · 330D · 210H · 230H · 250H · 270H · 280H · 310H · 340H]

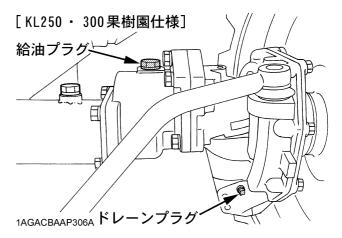
1. Remove the oil plug and drain plug to drain the oil.



[KL270 · 300 · 330 · 300D · 330D · 270H · 280H · 310H · 340H]



1AGACBAAP113A



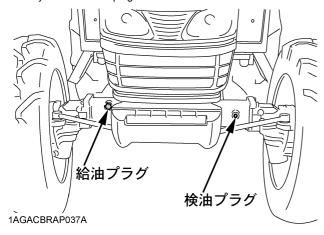
- 2. Tighten the drain plug.
- 3. from the mission oil filler opening, please put a specified amount.

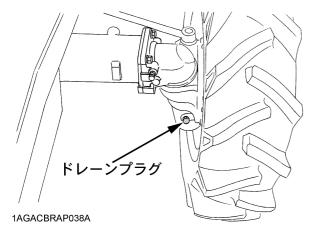
補足

- * If you do not remove the oil plug not a turn on the air In, it takes time to the discharge of oil.
- Replacement of the front axle case oil

[KL360 · 430 · 380H · 410H · 460H · 500H · 550H]

- 1. Remove the oil plug and drain plug to drain the oil.
- 2. Tighten the drain plug.
- 3. Ken'yu Remove the plug.





From the mission oil filler opening, please put up to a height of Ken'yu plug.

補足

* If you do not remove the oil plug not a turn on the air In, it takes time to the discharge of oil.

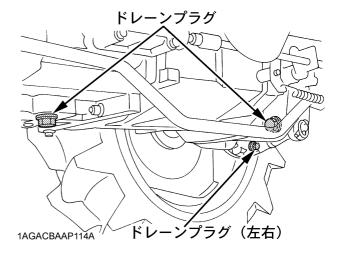
Inspection and maintenance of every 400 hours

■ Replacement of the mission oil

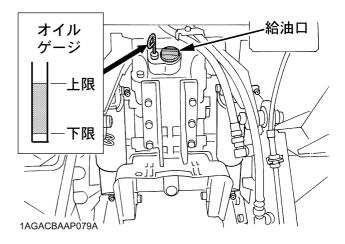


- * When the exchange, be sure to stop the engine

 Please perform from enough cold. There is a risk of burns.
- 1. Remove the oil plug and drain plug and unplug the oil.



- 2. Tighten the drain plug.
- 3. from the mission oil filler opening, please put a specified amount.



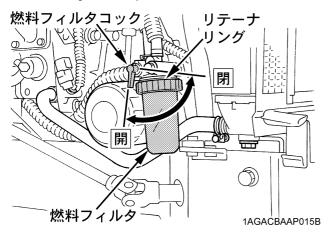
- 4. stop up from the in operation for 2 to 3 minutes to start the engine, please supply up to a specified amount and inspect again amount of oil.
- 5. Check the oil level again with oil gauge wiped off the oil once the oil gauge, and replenish if the shortage. When equipped with a working machine (rotary), please make sure to lower working machine (rotary).

- Cleaning Replace the fuel filter element
- 1. The fuel filter cock [Closed] Please be in.
- 2. Remove the cup top of the cup to loosen the retainer ring, and then clean the inside with light oil.
- 3. Replace with a new filter element.



- * When assembled, the dust and the dust does not adhere Take care.
- * After element replacement, it will be sure to vent

Please. ([Inspection and maintenance as needed] of [How the air vent of fuel] See section)



Inspection and maintenance of every 600 hours

Front differential case before and after play adjustment of

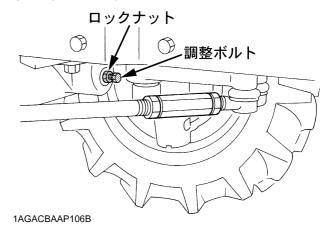
When the adjustment of the front differential case support portion is bad, the front wheel is remarkable or swing properly, to KOR and vibration is transmitted to the handle.

• inspection

Check the front-rear direction of the play, you can adjust the If there is a backlash.

Adjustment

Lift the front wheel tires (wheels), loosen the lock nut, and adjust the tightening backlash adjustment bolt.



Inspection and maintenance of every 800 hours

■ Inspection of the engine valve clearance

Please ask them to exchange and inspection at the place of purchase.

Inspection and maintenance per year

■ Exchange of air cleaner element

Exchange of the element must be replaced for each cleaning after use for one year, or six times. ([Inspection and maintenance of every 100 hours] of [Cleaning the air cleaner element] Refer to the section.)

- Heater piping, inspection of the water hose
- Air conditioning piping, inspection of the hose
 Please inspect the damage of the pipes and hoses.

Inspection and maintenance of every two years

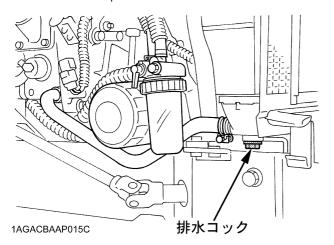
Exchange of cooling water

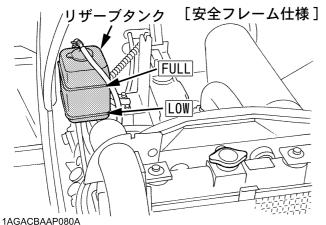


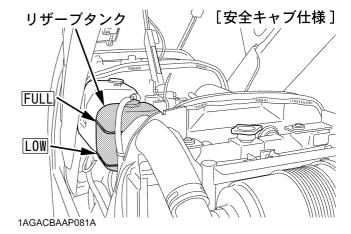
* Radiator cap, engine operation in 及

When I opened immediately after the fine stop, you may hot water to the blow-burning mode. Standing for more than 30 minutes after th e stop, turn slowly the first stop position or in cap from the cold, ple ase remove the cap from the removal of the Yo庄.

- Open the drainage cock and radiator cap of the radiator lower, issue the cooling water all.
- 2. drainage of the reserve tank is drained, remove the overflow pipe of the radiator cap.







- washing the inside of the radiator in the water of the water supply, install an overflow pipe and tighten the drainage cock.
- 4. After the cooling water was Note input to the radiator and the reserve tank, please be sure to tighten the radiator cap.
- 5. safety cab specification for circulating cooling water to the heater, cooling water will be about 1L many need. When replacing the cooling water, to fill the cooling water to the inlet of Rizabuta tank, heater [ON] And to (turn to the right temperature control knob), while turning the engine, warmed cooling water, please stop the engine. When the cooling water is cool, is sucked cooling water reserve tank, cooling water in the reserve tank will be the proper amount.

+ How to use antifreeze

Antifreeze is Ri you have the effect of lowering the freezing temperature of water, to prevent damage to the cylinder and the radiator by the cooling water freezing. When the winter air temperature is such that 0 °C below, be sure antifreeze or to replenish the (long life coolant) in mixed radiator and reserve tank with fresh water, make sure you completely drain the cooling water. [Factory, contains antifreeze (Long Life Koo plant) is.]



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重要

- * To the cooling water, antifreeze (Long Life Courant
 Put the door) 50%, please use the combined mix well with
 water
- * Improper mixing ratio of antifreeze, the cooling water in winter Frozen, in the summer you may cause overheating.
- * If you want to use antifreeze, radiator TamotsuKiyoshizai

 Please do not turn on the. Since the antifreeze contains a rust inhibitor,
 may generate the precipitated product materials and the incorporation of
 TamotsuKiyoshizai, it will adversely affect the engine parts.
- * Kubota antifreeze (long life coolant)

Effective use period is two years. Please be sure to exchange two years.

Antifreeze of guarantee non-freezing temperature

Stock mixing ratio%	15	20	twenty five	30	35	40	45	50	55
Guarantee non-freezing temperature	-Five	- 8 -1 ⁻	I.5 -15 -20 -	25 -30 -3	5 -43				

■ Cleaning of the radiator

The cleaning, the use of Kubota radiator cleaning agent, can be washed clean water, such as red. * Every two years use * when mixed with antifreeze

* Used to, such as when changing from antifreeze mixed only in water please use it.



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- Exchange of the radiator hose
- Exchange of power steering hose
- Replacing the fuel hose
- Replacement of the main cylinder hose
- Exchange of Monroe cylinder hose [MA · MAD specification]

Please ask them to inspection and exchange in the purchase.

Inspection and maintenance as needed

■ How the air vent of the fuel

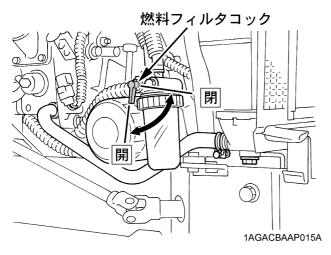
Air vent of the fuel, must be made at the time, such as the following.

A Fuel filter and when removing the pipe

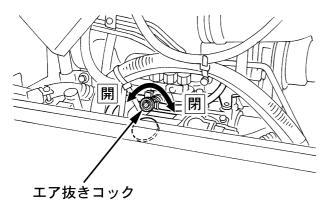
A When the fuel shortage has occurred

A When that was not used for a long time the tractor

1. The fuel filter cock [Open] To.



2. the cock on the fuel injection pump [Open] Ku.



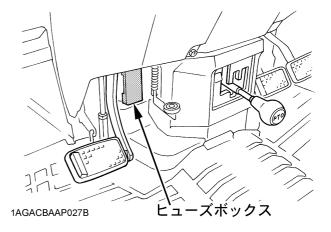
1AGACBAAP010C

- 3. meet the fuel in the tank.
- 4. Start the engine is stopped after the operation of about one minute.
- 5. Close the cock of the fuel injection pump.



* In addition to the fuel injection pump at the time of the air vent Cock, please keep always close. Cause of end strike.

Replacing the fuse



- 1. Remove the lid of the fuse box.
- 2. Remove the fuse.
- 3. what was cut and replaced with the same capacity of the fuse.

重要

* If you would cut immediately by replacing the fuse

Does not substitute such as a wire or silver paper, inspecting in the
purchase, please repair.

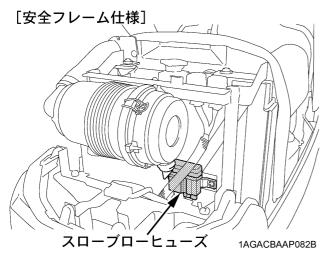


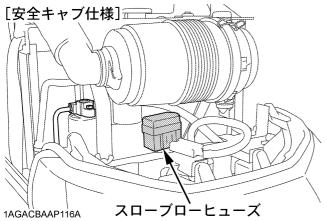
* If you install a such as work lights and radio to the tractor

Kino power take-out, please consult place of purchase.

■ Exchange of slow-blow fuse

Slow-blow fuse is intended to protect the wiring. If you have expired if, inspection in the purchase, please repair.





- Exchange of lamps
- headlights, and replace it remove the valves from the body rear lights.

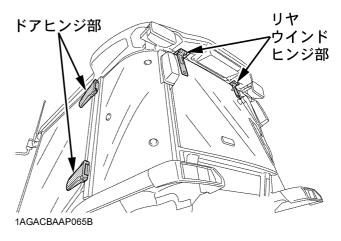
After the exchange's going to attached to ensure the rubber cover again.

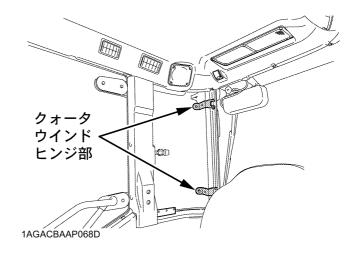
- $2. \ \, \hbox{Other lamp, remove the lens, replace the valve}.$
- Grease application of the horn contact

When the grease for the horn contacts of the handle is turned off, you will hear a sound when you turn the handle. If If the sound is ringing, please ask them to apply the inspection and grease in the purchase.

The following is the inspection items of the only safety cab specification.

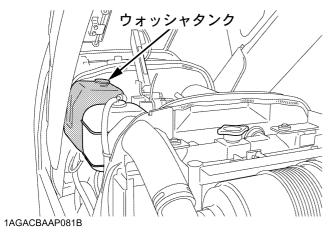
■ Lubricate





■ Replenishment of washer fluid

Please be an appropriate amount replenish the automotive washer fluid.



重要

* In order to avoid freezing, use of fresh water only are not Please out.

Please do Mi does not turn on.

* Idling will be the cause of damage to the pump

Please do not empty operation since. * In order to prevent
clogging of the washer nozzle, Gore

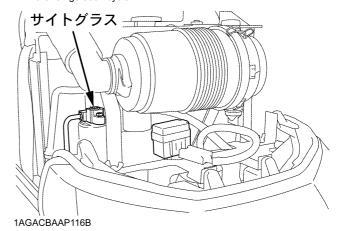
■ Inspection of the refrigerant (gas) amount

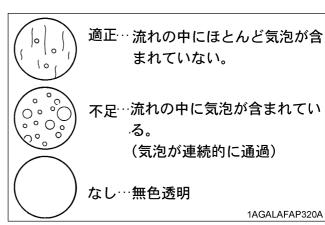
When the refrigerant is insufficient, the worse the air conditioning of the cold.

Check the following procedure, when the refrigerant is insufficient, please ask them to inspection and filling in the purchase.

• Inspection method

- 1. operation under the following conditions: air conditioning. *
 Engine speed: about 1500rpm * temperature control knob: the
 strongest cold position (far left) * fan switch: the strongest wind (HI)
 * air conditioner switch: ON
- 2. The sight glass, to confirm the state of the refrigerant flowing through the refrigeration cycle.





Care of during long-term storage



- * During long-term storage, since the clutch sticking prevention, click

 Please be fixed to the latch [off]. When the clutch is fixed it

 may vehicle is moving at the same time as the engine

 start-up.
- * When placing a sheet, muffler and engine

 Be sure to to from to check the cooling state of itself.

 Cause cause a fire.

If you do not want to use between the tractor long, let's stores from put in place in the following manner.

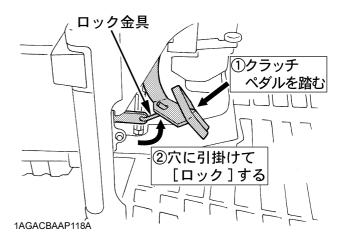
- 1. problem location please put in place.
- Replace the engine oil, the rustproof operation of 10-15 minutes at 2000 revolutions / minute or more, please let Yukiwatara a for oil to each part.

Since then please refer to the anti-rust operation in the same manner every one to two months.

- 3. Please do to make sure the items in the periodic inspection list.
- To rust susceptible part of the body, please keep in greased or for oil.
- 5. The fuel filter cock [Closed] To go leave Please.
- 6. Please cooling water is allowed to disconnect. However, it does not have to be pulled out if the coolant of Haut-le-season type.
- 7. clutch pedal, so you might not be more off the clutch is in with rust of the clutch plate, please lock always in a state that depresses the clutch.
- The method of the clutch [Off] Retention
 - depression full of the clutch pedal, [Lock Click] To do.
 - (2) remain locked, foot from the clutch pedal Release the. This clutch, [OFF] It will be held in the state.
 - (3) When used, said the clutch pedal

 If pie depresses, [Lock] Disconnected, [OFF]

Retention of the state will be canceled.



- 8. Remove the drain plug of the clutch housing bottom, Check to see that the water does not penetrate.
- 9. air pressure in the tires, please in order a little more than standard
- 10. Please keep the battery from the unit to remove airy cold and dark office. Also be sure to earth side when storing while only attached to the tractor - Please remove the (side).
- 11. weight is removed, the working machine, please in the state that down to the ground or remove.

Please keep in the bollard to the front and rear of the rear wheel 12...

- 13. Re outer tear-cord clamp of cracking-coating, such as wiring, battery code fuel pipe of each part, please securely inspection and maintenance.
- 14. stored in the battery, Try to complete the total charge in a single charger to 1 month.
- 15. storage location, select a dry place that does not take the rain there is no flammable, such as straw around, Try to make a sheet.
- 16. fuel, please fill up. If you leave in the sky can drop of water, it can cause damage to the fuel system.

重要

* During long-term storage, when the car wash is to stop the engine

Please perform from. Please note that you do not water from
entering from the inlet port of the air cleaner when if carried out
only if the engine. If the cause of the failure water from entering.

* Lighting class, please car wash in the off state.

There is a possibility that the valve of the lamp is turned off lighted lights such to direct the water is applied if. * When storing, be sure [OFF] Remove the key at the position

Put it down please.

* At the time of installation of the battery, and (+) - and ()

Well sure, it does not connect to the contrary absolutely. When you connect
to the contrary, there is a case where the electronic equipment of the tractor
is broken.

Treatment and upset

Upset with the treatment of the engine

If there is a case condition of the engine is bad, diagnosed by the following table, please refer to the appropriate action.

The current elephant	Cause	Remedy		
	1. does not flow fuel.	A Inspect the fuel tank, impurities and moisture that precipitated except for. A Check the fuel filter, replace if dirty.		
If the start-up difficulties	Fuel oil feeding system, air and water are mixed.	A Point the hose-plug cap nut and the clamping band Inspection, and tighten if there is a loose, should be replaced or repaired with a new one if there is damage. A The air vent. [[Inspection and maintenance as needed] See the section.]		
	The oil viscosity is rather high at the time of cold, heavy rotation of the engine itself	A Radiator to pour the boiling water. A The proper use of oil by temperature. (Using the 10W-30 in winter)		
	battery is in slightly raised, there is no momentum in excess of compression is the rotational force is weak.	A To charge the battery.		
	1. fuel shortage	A To replenish the fuel. A Examine the fuel system. (Particular attention to the air mixing)		
In the case of insufficient output	2. lack of flow fuel	A The cleaning of the fuel filter.		
	3. clogging of the air cleaner A To clean the element.			
If you suddenly stop	1. fuel shortage	A To replenish the fuel. A Examine the fuel system. (Particular attention to the air mixing)		
	2. does not flow fuel	A Check the fuel filter, replace if dirty.		
	1. bad fuel.	A Replace the fuel of good quality.		
If the exhaust color is	2. too enters the engine oil A To oil the amount of regular.			
unusually black	3. clogging of the air cleaner A To clean the element.			
When the water temperature gauge showing the vicinity of H	Since the cooling water is turned around 125 ° C	A The amount of cooling water (shortage) and inspection of water leakage A Inspection of tension (loose) of the fan belt A Front grill, packed in garbage insect screen of the radiator Or to check that there is no Mari.		
Blue-white smoke does not disappear during start-up.	If the previous task ends with idling prolonged, or if the cold time was a repeat of idle should operation, remain moist inside muffler.	A To sufficiently heat the muffler over the load. Cold at the time A Repeat of Idoringu operation, and, idling over a long period of time is avoided as much as possible.		
	2. nozzle failure	A To inspect the nozzle.		
	3. fuel poor	A Replace the fuel of good quality.		

Failure and treatment of Monroe Auto (draft) · AD-speed · U shift (F) Specifications

If an abnormality occurs in the Monrooto (draft) · AD-speed and U shift (F) specification, the following message to the electronic meter will be displayed. It is to be noted that the display, and the display of failure cause only, cause of failure and to limit the part of the use was frettage rapid treatment specific driving operation there is a case to be displayed alternately. In the case of abnormal display, please receive the inspection and maintenance point contact to immediately purchase.

フトアームセンサ異常 カントアームセンサ異常 カントアームセンサ異常 カントアームセンサ異常 エンロ手動スイッチで ローリングセンサ異常 エンロ手動スイッチで ドラフトセンサ異常 エンロ手動スイッチで ドラフトセンサ異常 ホジションセンサの異常 エンロチ動スイッチで ドラフトセンサ異常 カバーセンサ異常 カバーセンサ異常 カバーセンサ異常 カバーセンサ異常 カバーセンサ異常 カバーセンサ異常 カバーセンサ異常 カバーセンサ異常 カバーセンサ異常 オートスイッチを [様を操作する。 カバーセンサ異常 カバーセンサ異常 オートスイッチを [様を操作する。 カバーセンサ異常 オートで使用可 アクセルセンサ異常 オートスイッチを [標準又は敏感] に 切り換えて使用する。 オートスイッチを [標準又は敏感] に 切り換えて使用する。 オートで使用可 オートで使用可 オートで使用可 オートスイッチを [標準又は敏感] に 切り換えて使用する。 オートスイッチを [標準を収集を終め] に 切り換えて使用する。 オートスイッチを [標準を収集を終め] に	Г	電子メータメッセージの表示	原因	処 置	
油圧取出し使用		スイッチボックス異常	MAスイッチボックス信号 の異常	購入先に連絡。	
油土取出し使用		リフトアームセンサ異常	リフトマー/ おい井の田尚		
ボジションセンサの異常		油圧取出し使用	リンドアームセンリの共吊		
油上取出し使用		ポジションセンサ異常	ポンシーン・エン・サ の開告		
モンロ手動スイッチで ローリングセンサ異常 モンロ手動スイッチで ドラフトセンサ異常 ドラフトセンサ異常 ホートスイッチを [切] にし、油圧レバーで作業機を操作する。		油圧取出し使用	小ンンヨノセノリの乗吊		
モンロ手動スイッチで ローリングセンサ異常 モンロ手動スイッチで ドラフトセンサ異常 油圧レバーで操作 カバーセンサ異常 アクセルセンサ異常 オートで使用可 エンジン回転センサ異常 オートで使用可 オートで使用の オートの手動スイッチを [標準又は敏感] に (作業機が昇降できない) モンロソレノイドの異常 モンロスイッチを [切] にして使用する。 #探調節の異常 オートスイッチを [切] にして使用する。 #探調節の異常 オートスイッチを [切] にし、油圧レバーで作業機を操作する。 モンロ角度調節異常 キンロ角度調節の異常 モンロスイッチを [切] にし、モンロ角度調節異常 モンロ角度調節の異常 モンロスイッチで作業機を平行にする。 モンロスイッチで作業機を平行にする。		ストロークセンサ異常	フトロークセンサの思常		
モンロ手動スイッチで ドラフトセンサ異常 ドラフトセンサ異常 ドラフトセンサ異常 カバーセンサ異常 カバーセンサ異常 カバーセンサ異常 カバーセンサ異常 カバーセンサ異常 カバーセンサ異常 オートスイッチを [ほオート] に切り 換えて使用する。		モンロ手動スイッチで	ストロークセンリの共吊	 モンロスイッチを [切]にし,モンロ	
モンロ手動スイッチで		ローリングセンサ異常	ロールングセンサの関党	手動スイッチで作業機を平行にする。	
油圧レバーで操作		モンロ手動スイッチで	ローリングセンリの共吊		
油圧レハーで操作		ドラフトセンサ異常	ドラフトセンサの卑労	オートスイッチを [切] にし,油圧レ	
カバーセンサの異常 カバーセンサの異常 カバーセンサの異常 カバーセンサの異常 換えて使用する。 エンジン回転センサの異常 オートスイッチを [標準又は敏感] に切り換えて使用する。 オートスイッチを [標準又は敏感] に切り換えて使用する。 オートスイッチを [切] にして使用する。 井深調節異常 油圧レバーで「操作 七ンロ角度調節異常 モンロ角度調節の異常 モンロ角度調節の異常 モンロスイッチを [切] にし、油圧レバーで作業機を操作する。 モンロ角度調節の異常 モンロスイッチを [切] にし、モンロ手動スイッチで作業機を平行にする。	トント	油圧レバーで操作	ドファドピングの共市	バーで作業機を操作する。	
上オート (**世界リアクセルセンサの異常		カバーセンサ異常	カバーセンサの異常	オートスイッチを [E オート] に切り	
オートで使用可	ĺ			換えて使用する。 	
オートでで使用の	- 	アクセルセンサ異常 *	アクセルセンサの異党	オートスイッチを[標準又は敏感]に	
オートで使用可エンジン回転センサの異常オートで使用可3Pソレノイドの異常購入先に連絡。 (作業機が昇降できない)モンロソレノイド異常モンロソレノイドの異常モンロスイッチを [切] にして使用する。耕深調節異常オートスイッチを [切] にし、油圧レバーで作業機を操作する。モンロ角度調節異常モンロ角度調節の異常モンロスイッチを [切] にし、モンロ手動スイッチで作業機を平行にする。		13-23 13 3)) C// C/) () A(I)		
オートで使用可 オートンレノイドの異常 購入先に連絡。 (作業機が昇降できない) モンロソルノイド異常 モンロソレノイドの異常 モンロスイッチを [切] にして使用する。 耕深調節異常 油圧レバーで操作 井深調節の異常 オートスイッチを [切] にし、油圧レバーで作業機を操作する。 モンロ角度調節異常 モンロ手動スイッチで モンロ角度調節の異常 モンロスイッチを [切] にし、モンロ系イッチを [切] にし、モンロ系イッチで作業機を平行にする。		エンジン回転センサ異常 *	 エンジン回転センサの異学		
モンロソルノ作異常 モンロソルノイドの異常 (作業機が昇降できない)		オートで使用可			
お深調節異常 オートスイッチを [切] にし、油圧レバーで操作 オートスイッチを [切] にし、油圧レバーで作業機を操作する。			3Pソレノイドの異常	(作業機が昇降できない)	
油圧レバーで操作 耕深調節の異常 バーで作業機を操作する。 モンロ角度調節異常 モンロ手動スイッチで モンロ角度調節の異常 モンロスイッチを [切] にし、モンロ 手動スイッチで作業機を平行にする。			モンロソレノイドの異常	モンロスイッチを [切] にして使用す <u>る。</u>	
油土レハー("操作				オートスイッチを [切] にし, 油圧レ	
モンロ手動スイッチで モンロ角度調節の異常 手動スイッチで作業機を平行にする。		油圧レバーで操作	(기) 	バーで作業機を操作する。 	
センロ 		モンロ角度調節異常	モンロ角度調節の異党	モンロスイッチを [切] にし, モンロ	
ご 冖 トョ ド ++ 日 トサ)			こグロ内皮膚切り共市		
 		STセンサ異常	STセンサの異常	購人先に連絡。(ただし,水平精度は 落ちるが耕うん作業はできる)	
高さ規制異常 高さ規制の異常 購入先に連絡。		高さ規制異常	高さ規制の異党	購入先に連絡。	
購入先へ *Eオート使用時					

	電子メータメッセージの表示	原因	処 置
	変速いーセンサ異常 購入先へ	変速レバーセンサの異常	エンジン停止までは変速を保持, すみ やかに停車し, 購入先に連絡。
	シ가ソルノボ1異常 1,5速不可	ソレノイド 1 の異常	
リシフト	シ가ソルノボ2異常 2.6速不可	ソレノイド2の異常	シフトソレノイド異常が発生すると,変速レバー位置はそのままでも自動的
(前進16段	シアソルノボ3異常 3,7速不可	ソレノイド3の異常	に使用可能な変速段、あるいはニュートラルに変速します。 自動的に変速した変速段を表示します
(仕様)	シアソルノボ4異常 4,8速不可	ソレノイド4の異常	ので,変速段表示に注意して使用し, すみやかに購入先に連絡してくださ い。
	副変速ソレノが異常 1~4速不可	副変速ソレノイドの異常	
	バルブ(GST,PRO)異常 購入先へ	Uシフト圧カバルブの異常	購入先に連絡。

	電子メータメッセージの表示	原因	処 置
	変速レバーセンサ異常 購入先へ	変速レバーセンサの異常	エンジン停止までは変速を保持, すみ やかに停車し, 購入先に連絡。
1 }	シ가ソルノボ1異常 1,2,9速不可	ソレノイド 1 の異常	
リシ	シ가ソルノボ2異常 3.4.10速不可	ソレノイド2の異常	シフトソレノイド異常が発生すると、
フト(前進	シアソレノボ3異常	ソレノイド3の異常	変速レバー位置はそのままでも自動的 に使用可能な変速段,あるいはニュートラルに変速します。
24 段仕様)	シアソレノボ4異常	ソレノイド4の異常	自動的に変速した変速段を表示します ので、変速段表示に注意して使用し、 すみやかに購入先に連絡してくださ
	副変速ソレノ作異常 1~8速不可	副変速ソレノイドの異常	(\
	H/Lソレノ作異常 1,3,5,7速不可	Hi-Loソレノイドの異常	
	バルブ(GST,PRO)異常 購入先へ	Uシフト圧カバルブの異常	購入先に連絡。

	電子メータメッセージの表示	原因	処 置
	変速いーセンサ異常 購入先へ	変速レバーセンサの異常	エンジン停止までは変速を保持, すみ やかに停車し, 購入先に連絡。
	シ가ソルノボ1異常 1,5速不可	ソレノイド 1 の異常	
	シ가ソルノボ2異常 2.6速不可	ソレノイド2の異常	
	シアソレノボ3異常 3,7速不可	ソレノイド3の異常	
リシ	シアソレノボ4異常 4,8速不可	ソレノイド4の異常	シフトソレノイド異常が発生すると、
フト(前進	副変速ソレノ作異常 1~4速不可	副変速ソレノイドの異常	変速レバー位置はそのままでも自動的に使用可能な変速段、あるいはニュートラルに変速します。
20段	○D ソレノが異常 5~8 速 不可	ODソレノイドの異常	自動的に変速した変速段を表示します ので、変速段表示に注意して使用し、 すみやかに購入先に連絡してくださ
	シ가ソルノボ1異常 ■■速不可	ソレノイド 1 の異常	(\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \
	シアソルノボ2異常	ソレノイド2の異常	
	シ가ソルノボ3異常 国 速不可	ソレノイド3の異常	
	シ가ソルノボ4異常 4. 速不可	ソレノイド 4 の異常	
	バルブ(GST,PRO)異常 購入先へ	Uシフト圧カバルブの異常	購入先に連絡。

変速レバーセンサ異常変速レバーセンサの異常エンジン停止までは変速を保持やかに停車し、購入先に連絡。変速レバーセンサの異常シア・ソルノ仆 1 異常1,2,9速不可ソレノイド 1 の異常シア・ソルノ仆 2 異常	5 , すみ
1,2,9速不可	
3.4.10速不可 フレノイド 2 の異常	
<u>シアソルノ作3異常</u> 5.6.11速不可	
<u>シアソルノ作4異常</u> 7,8,12速不可	
U 1,0,12 20:1 1 1	トスレ
T - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 	5自動的
(注)	使用し,
H/L/ルノ作異常 目, 国速不可 Hi-Loソレノイドの異常	
<u>シ </u>	
<u>シ</u>	
<u>シ</u> シントソルノイド3の異常 に 1. 	
シ 	
バルブ(GST,PRO)異常 助シフト圧カバルブの異常 購入先に連絡。	

	電子メータメッセージの表示	原因	処 置			
	切れ角センサ異常	切れ角センサの異常	走行モード切換スイッチを [2WD又は4WD] に切換える。			
	AD倍速・オーアップ不可	971 V7 C7 7 V754 (1)	オートアップスイッチを[切]に する。			
	4WD ソレノが異常		 走行モード切換スイッチを			
A	2WD·倍速使用不可	DTソレノイドの異常	[4WD] に切換える。			
り倍速	倍速ソレノ作異常	倍速ソレノイドの異常	走行モード切換スイッチを			
迷	倍速使用不可	旧述プレノイトの共市	[2WD 又は4WD] に切換える。			
	ADソルノイド(右)異常	 ADソレノイド(R)の異常				
	AD(右)使用不可	AD ノレノイト (K) V)共市	 走行モード切換スイッチを			
	ADソルノイド(左)異常		[2WD, 4WD 又は倍速] に切換える。			
	AD(左)使用不可	ADソレノイド(L)の異常 				
7	通信異常	通信回線の異常	表示切換スイッチで表示モードを 切換える。購入先に連絡。			
ての価	コントロールBOX異常	マイコンボックス信号の 異常				
TU	バネス(赤白線)異常	センサ電源ラインの ショート	購入先に連絡。			

Appendix

Main Specifications

■ Main specifications of the tractor

Model n	ame			KL210	KL230	KL250	KL270	KL300	KL330	KL300D	KL330D			
Drive system					REZOU	KLLOU								
Drive sy				4-wheel drive										
	Length mm			2965 [3015]		3005 [3060]	3140		318					
	m@verall width mm			1245		1320	1370	1420	1460	1420	1460			
dime	naienght n	nm 1955 [1970] ⁻	1990 [1996] 1985 [1995] 1950	[1970]				1980 [19	985]				
	Wheelbase mm			1550 [16	600]	1590 [1640]	1720		174	15				
	wheel front wheel mm distance The rear wheels mm		95)	1000	1080		113	30					
			1010,1130		1050,1165 1070,1	370	1090-1480 (6 1110-1575 (6 stages) stages)		1090-1480 (6 1110-1575 stages) stages)					
	Minimum g	round clearance	mm	335 350		360	345	36	0	36	60			
Mass	(weight)		kg 1	125 [1325] 1150 [134	10] 1200 [1380] 128	5 [1460] 1320 [1495	1330 [1505] 1320 [1495] 1330 [1505]						
	. 0 /		J	Kubota	Kubota	Kubota	Kubota	Kubota	Kubota	Kubota	Kubota			
	Organizatio	on Model		D1403-ME-1	D1463-ME-1	D1463-MAE-1	D1503-ME-1	D1503-MAE-1	D1503-MBE-1	D1703-MAE-2	D1703-MBE-1			
D down	format				Water-cooled 4-cycle 3-cylinder Vertical diesel									
di	Total ex	haust amount L		1.393	1.46	33		1.499		1.64	17			
emis	si o naput/	speed kw (PS) /	rpm	15.4 / 2600 (21/2600)	16.9 / 2500 (23/2500)	18.4 / 2600 (25/2600)	19.9 / 2600 (27/2600)	22.1 / 2700 (30/2700)	24.3 / 2800 (33/2800)	22.1 / 2700 (30/2700)	24.3 / 2800 (33/2800)			
	Use fuel	l					Diesel light	oil						
	Fuel tan	k capacity	L		27		35	40						
	Starting sy:	stem				Sta	rter motor type (glov							
	Battery			Starter motor type (glow plug type) 75D23R										
Tires	front wheel	İ		6-14-4PR 7-16-4PR 8-16-4PR										
	nont wheel					11.2-244PR	12.4-244PR	12.4-264PR	13.6-244PR	12.4-264PR	13.6-244PR			
	Rear wheel			9.5-22-4PR 9.5-24	-4PR									
Car	Clutch s	ystem		Dry single plate										
body	Braking de	vice		One system independent left and right (with coupling device), a wet disc brake (mechanical)										
	Steering	system			Ball screw-type (integral power steering)									
	Differential	method		2 pinion bevel gea	r type (with different	tial lock)		4 pinion bevel gea	ar type (with differen	tial lock)				
	Transmissi	ion system		Constant mesh / U shift										
Shift s	tages	Manual shift specification		Forward 16-stage, reverse 16-stage										
(stage)	U shift specification	n	Forward 16-stage, reverse 16-step [forward Forward 24-stage, reverse 16-stage 24-stage, reverse 16-stage]						e				
			Advancii	ng 0.21 to	0.19 to	0.20 to	0.20 to	0.20 to	0.20 to	-	-			
		Forward		14.70	14.58	14.58	14.87	14.81	14.75					
	l speed	16-stage specifica		d 0.18 to 13.17	0.17 to 13.06	0.18 to 13.07	0.18 to 13.33	0.18 to 13.28	0.18 to 13.22	-	-			
(km / l	n)	Forward	Advancii	ng 0.17 to 14.70	0.16 to 14.58	0.17 to 14.58	0.16 to 14.87	0.16 to 14.81	0.17 to 14.75	0.16 to 14.81	0.17 to 14.75			
		24-stage specifica	ition Backwar		0.17 to	0.18 to	0.18 to	0.18 to	0.18 to	0.18 to	0.18 to			
			13.17	13.06	13.07	13.33	13.28	13.22	13.28	13.22				
	nimum turning radius using brake) m			1.9)	2.0	2.1		2.2					
	Rotation speed / engine rotation speed			564,795	542,764	540,762	564,795	541,763	561,791	541,763	561,791			
PΤ			Forward	985,1313	947,1263	944,1258	985,1313	945,1260	980,1307	945,1260	980,1307			
0	rpm			/ 2600	/ 2500	/ 2600	/ 2600	/ 2700	/ 2800	/ 2700	/ 2800			
			Reversa	985/2600	947/2500	944/2600	985/2600	945/2700	980/2800	945/2700	980/2800			
	Axis dim	ension	mm				JIS 35							
	machine control method						Position control							
lifting de	vice	Apparatus system		3-point link JIS 1 form										

[] The cab specification

Model name				KL210H	KL230H	KL250H	KL270H	KL280H	KL310H	KL340H			
Drive sy	vstem						4-wheel drive						
	full length mm		2965 [3015]		3005 [3060]	3140		3180					
Airfra	meverall width mm		124	5	1320	137	0	1420 1460					
dime	nsionst mm		1955 [1970] 1990 [1995]		1985 [1995]	1950 [1970]	1950 [2065]	1980 [20	90]				
	Wheelbase mm		1550 [1600]		1590 [1640]	172	0	174	5				
	Wheel Front wheel mm		950		1000	108	0	1130					
	distance Rear wheel mm		1010,1130		1050,1165	1070,13	70	1090-1480 (6 1110-1575 (stages) stages)					
	Ground clearance mm		335	350	350 360 345		5	360					
Mass	(weight) k	кg		1125 [1325]	1150 [1340]	1200 [1380] 1285 [14	60] 1300 [1475] 1350	1520] 1360 [1530]					
	Organizatio	on Model		Kubota D1403-ME-1	Kubota D1463-ME-1	Kubota D1463-MA-E-1	Kubota D1503-ME-1	Kubota D1703-ME-1	Kubota D1703-MA-E-1	Kubota D1803-ME-1			
D	format					Water-cooled 4-c	cycle 3-cylinder Vertical c	liesel					
down	The total	emissions	L	1.393 1.40		63	1.499	1.6	47	1.826			
di emiss	Output / speed kw (PS) / rpm ssions		rpm	15.4 / 2600 (21/2600)	16.9 / 2500 (23/2500)	18.4 / 2600 (25/2600)	19.9 / 2600 (27/2600)	20.6 / 2600 (28/2600)	22.8 / 2700 (31/2700)	25.0 / 2700 (34/2700)			
	Use fuel						Diesel light oil						
	Fuel tank capacity L				27		35		40				
	Starting sys	stem		Starter motor			or type (glow plug type)						
	Battery			75D23R					80D26R				
Tires	front wheel			6-14-4	PR	7-14-4PR	7-16-4PR		8-16-4PR				
	Rear wheel		9.5-22-4PR 9.5-24-4PR		11.2-24-4PR	12.4-24-4PR		12.4-26-4PR	13.6-24-4PR				
	Clutch system					Dry single plate							
Car	Braking dev	vice		One system independent left and right (with coupling device), a wet disc brake (mechanical)									
body	Steering	system		Ball screw-type (integral power steering)									
	Differential method		2 pinion bevel gear ty	pe (with differential loc	k)	4 pinion bevel gear ty	pe (with differential loc	ck)					
	Transmission system		Constant mesh / U shift										
Shift s	Manual shift stages specification		-				Forw	ard 20 steps, reverse 20-stage					
(stage	U shift specification		n	Forward 20 steps, reverse 20-step [forward 30-stage, reverse 20-stage]				Forward 30-stage, re	everse 20-stage				
	Ţ	Forward	Advancir	ng 0.21 to 24.71 0.19 to	25.30 0.20 to 28.04		0.20 to 28	.17	0.20 to 28.09 0.20 to 2	9.21			
Trave	l speed	20-stage specifica	tion Backward	from 0.18 to 22.14 from	0.17 to 22.67 from 0.18 to	25.12	0.18 to 25	.24	0.18 to 25.17 0.18 to 2	26.17			
(km / l	h)	Forward	Advancir	ng 0.17 to 24.71 0.16 to	25.30 0.17 to 28.04		0.16 to 28	.17	0.16 to 28.09 0.17 to 2	9.21			
		30-stage specifica	tion Backward	from 0.18 to 22.14 from 0	0.17 to 22.67 from 0.18 to	25.12	0.18 to 25.24		0.18 to 25.17 0.18 to 26.17				
	nimum turning radius using brake) m		1.9		2.0	2.1		2.2					
	Rotation speed /			564,795	542,764	540,762	564,79		541,763	561,791			
PT		otation speed	Forward	985,1313 / 2600	947,1263 / 2500	944,1258 / 2600	985,13 ² / 260		945,1260 / 2700	980,1307 / 2700			
0	rpm		Reversa	985/2600	947/2500	944/2600	985/2600		945/2700	980/2700			
ļ	Axis dim	Axis dimension mm		JIS 35									
No-1-	machine	control method				Position	on control						

^[] The cab specification

Model	name			KL330-T	KL330- TW	KL250-K	KL250- ĸw	KL250- KS	KL250KSW	KL300-K	KL300- kw	KL300- KS	KL300KSW	
Drive s	ystem				I		I	4-wheel	drive		I		ı	
	full length mm			2965 31)5				
Airfra	Overall width mm		1245 (after)	1475 (after)	1350	1515	1320	1445	1350	1515	1320	1445		
dime	ensions Height mm			1990	1985	1260 (handle), 855 (sheet)		1210 (handle), 755 (sheet)		1260 (handle), 855 (sheet)		1210 (handle), 755 (sheet)		
	Wheelba	ise mm		155	50				16	10				
	Wheel	Front wheel mr	n	970	1070	1095 1200		113	30	1095 1200		11:	30	
	distance	Rear wheel	mm	1010	1105	1115, 1235	1140	1115, 1235	1130	1115, 1235	1140	1115, 1235	1130	
	Ground	clearance mm		35	5	26	0	20	5	26	0	20)5	
Mass	(weight) k	g		1160	1220	1160	1220	1130	1140	1160	1220	1130	1140	
	Organizatio	n Model		Kubota D1503-MB-E1	-CSP		Kubota D1463	3-MA-E1			Kubota D1503-l	MA-E1-K		
D	format						Water-coole	ed 4-cycle 3-cyline	der Vertical diese	I				
dow	n The total	emissions	L	1.49	99		1.46	33			1.49	99		
di emis	Output / sions	speed kw (PS) /	rpm		24.3 / 2800									
	Use fuel							Diesel light	oil					
	Fuel tan	k capacity L			27									
	Starting sys	stem		Starter motor type (glow plug type)										
	Battery				75D23R									
Tires	front wheel			7-144PR	230 / 6016-4PR	7-144PR 230 / 6-12B-4PR		7-144PR	230 / 6016-4PR	6-12B-4PR				
	Rear wheel			9.5-244PR	320 / 6026-4PR	9.5-244PR	320 / 6026-4PR	8.3-224PR	12.416-4PR	9.5-244PR	320 / 6026-4PR	8.3-224PR	12.416-4PF	
	Clutch s	ystem				Dry single plate								
Car	Braking dev	vice		One system independent left and right (with coupling device), a wet disc brake (mechanical)										
bod	/ Steering	system		Ball screw-type (integral power steering)										
	Differential	method		2 pinion bevel gear type (with differential lock)										
	Transmissi	on system		U shift Constant mesh										
Shift s	Manual shift stages specification			- Forward 16-stage, reverse 16-stage										
(stage	U shift specification			Forward 1 reverse 1		-								
		Manual	Advance			0.21 to 14	4.65	0.19 to 13	3.16	0.21 to 14	1.54	0.19 to 1	3.06	
T		Rushifuto specification	The reverse	-		0.19 to 13	3.02	0.17 to 11	1.70	0.19 to 12	2.93	0.17 to 1	1.61	
(km /	l speed h)	U shift	Advancir	ng 0.20 to 14.99	0.20 to 14.90	-		-		-		-		
	specification		Backwar	d 0.18 to 13.44	0.18 to			-		-				
	ninimum turning radius			1.	1.9			2.1						
РТ	Rotation speed / Fonward		561,79 980,13 / 28	07	564	4,795,985,1313	/ 2600		561,791,980,1307 / 2700					
	rpm Reversal		Reversal	980/2	300	985/2600 980/2700								
	Axis dimension mm			JIS 35										
Working	g machine control method					P	osition control							
lifting d	evice	Apparatus system					3-p	ooint link JIS 1 fo	orm					

Model	name			KL360	KL430	KL380H	KL410H	KL460H	KL500H	KL550H
Drive s	ystem						4-wheel drive	•		•
	Length i	mm		34	70	344	15	353	35	3550
Airfra	m@verall	width mm		1470	1490	149	95		1535	•
dime	ensions Height r	nm		1980 [1	985]	2320 [2	150]	2370 [22	200]	[2220]
	Wheelb	ase	mm	19	10	189	90		1940	•
	Wheel	Front wheel mi	m	11	80	120	00		1215	
	distanc	The rear wheels	mm	1140-14 stage	•		1140-14: stage:	· ·		1130-1530 (5 stages)
	Ground	clearance mm		30	65	40	0		440	
Mass	(weight)		kg	1490 [1670] 1510 [16	90] 1520 [1700] 1540 [172	0]		1625 [18	00]	[1850]
	Organizati	on Model		Kubota D1503-MTE-1	Kubota D1503-M-TA-E-1	Kubota V2203-ME-1	Kubota V2203-MA-E-1	Kubota V2403-ME-1	Kubota V2403-MA-E-1	Kubota V2403-MTE-1
D	format			Water-cooled 4-cycle 3- diesel	cylinder Vertical		Water-cooled 4-	-cycle 4-cylinder Vertical	diesel	
dow di	n Total ex	haust amount L		1.4	99	2.19	97		2.434	
	s ؤt put /	speed kw (PS)	/ rpm	26.5 / 2700 (36/2700)	31.6 / 2800 (43/2800)	27.9 / 2600 (38/2600)	30.9 / 2600 (42/2600)	33.8 / 2600 (46/2600)	36.8 / 2700 (50/2700)	40.5 / 2700 (55/2700)
	Use fue	I				С	riesel light oil			•
	Fuel tan	k capacity	L		40			45	5	47
	Starting sy	stem				Starter motor	type (glow plug type)			
	Battery			75D:	23R			80D26R		
Tires	front whee	ı			8-18-4PF	₹			8.3-20-4PR	
	Rear whee	al		12.4-28-4PR	13.6-26-4PR	12.4-28-4PR	13.6-26-4PR	13.6-28-4	4PR	12.4-32-4PR
	Clutch s	ystem					Dry single plate			
Car bod	Braking de	vice			One system inde	pendent left and right (with	coupling device), a wet disc	brake (mechanical)		
	Steering	system			Ball sc	rew-type (integral powe	er steering)			
	Differentia	method					ar type (with differential	lock)		
	Transmiss	ion system				Constant mesh	/ U shift			
	stages	Manual shift specification		Forward 16-stage, re	everse 16-stage		Forward 20 steps, re-	verse 20-stage		-
(stage	e)	U shift specification	on .	Forward 24-stage, re	everse 16-stage		Forw	vard 30-stage, reverse 20-stage	3	
		Manual Rushifuto	Advanci	ng 0.23 to 14.30	0.24 to 14.80	0.22 to 31.39 0.22 to	31.31 0.22 to 31.74 0.2	23 to 32.04		-
Trave	l speed	specification	Backward	from 0.20 to 12.92	0.21 to 13.34	0.20 to 28.17 0.20 to	28.09 0.20 to 28.49 0.2	21 to 28.75		-
(14117	,	U shift	Advanci	ng 0.19 to 14.30	0.20 to 14.80	0.18 to 31.39 0.18 to	31.31 0.18 to 31.74 0.	9 to 32.04 0.19 to 32.5	1	
		specification	Backward	from 0.20 to 12.92	0.21 to 13.34	0.20 to 28.17 0.20 to	28.09 0.20 to 28.49 0.2	21 to 28.75 0.20 to 29.1	7	
	nimum turnin using bra			2	.4	2.	3		2.4	
	Rotation speed /			533,752,	553,779,	540,76	2,	556,784,	547,772,	545,769,
РΤ				931,1241	966,1287	944,12	58	972,1295	956,1274	952,1270
0				/ 2700	/ 2800	/ 26	00	/ 2600	/ 2700	/ 2700
		rpm	Reversal	931/2700	966/2800	944/26		972/2600	956/2700	952/2700
	Axis din	nension mm					JIS 35			
Working lifting d	g machine	control method			Position	control (MAD: draft co				
murig di	- VILE	Apparatus system				3-point	link JIS 1 form			

^[] The cab specification

Туре	type name		KL270-PC	KL330-PC	KL410H-PC	KL500H-PC	KL270D-PC	KL330D-PC
Driv	e system				4-wheel d	rive	1	
	Full length m	nm	3255	3340	3445	3525	3255	3340
	All width mm	1	1620 {1610} <1365/1470>	1630 {1620} <1420/1490>	1510/163	0	1580 {1: <1300/1440	
Airfra	^m €verall height	t	2035 [2055]	2050 [2070]	[2175]	[2230]	2035 [2055]	2050 [2070]
dime	wheelbase		1670	1740	1890	1920	1670	1740
	Before wi	heel	1085	1170	1200	1215	1085	1170
	Wheel Click and distance	Russia over La mm	1210 {1175} <1080/1220>	1230 {1195} <1100/1240>	1110/12	230	1180 {1 <1050/1190	
	Minimum ground	d on the high mm	395	410	420	440	395	410
Mas	s (Weight)		1535 [1710]	1595 [1770]	[1935]	[1990]	1535 [1710]	1595 [1770]
	Agencies Mo	odel	Kubota D1503-ME-1	Kubota D1503-MB-E-1	Kubota V2203-MA-E-1	Kubota V2403-MA-E-1	Kubota D1703-ME-3	Kubota D1703-MB-E-1
	format		Water-cooled 4-cycle 3-diesel	cylinder Vertical	Water-cooled 4-cycle 4-c	ylinder Vertical	Water-cooled 4-cycle 3-diesel	cylinder Vertical
D	The total engin	e capacity L	1.49	9	2.197	2.434	1.64	7
down	Output / rota (PS) / rpm	ition speed kw	19.9 / 2600 (27/2600)	24.3 / 2800 (33/2800)	30.9 / 2600 (42/2600)	36.8 / 2700 (50/2700)	19.9 / 2600 (27/2600)	24.3 / 2800 (33/2800)
emiss	Used for fue	I			Diesel light o	oil		
	Fuel tank ca	pacity L	35	40	40	45	35	40
	Startup sche	eme			Starter motor type (glow	plug type)		
	Battery		75D2	3R	80D26	6R	75D2	3R
Tire	Before wheel	ı	8-16	8-18		8.3-20	8-16	8-18
	Rear wheel				Crawler type	•		
	Clutch syste	m			Dry single	plate		
	Braking equip	oment		One system independent left	and right (with coupling devi	ce), a wet disc brake (mech	nanical)	
Car body	Steering syst	em		Ball screw-type (integral power steering)			
	Differential so	cheme		4 pini	on bevel gear type (with	differential lock)		
	Change fast way	y formula			U shift			
Spee	d change the numb	per of stages			Forward 24-stage, reve	erse 16-stage	T	
Runn	ing speed forwar	d 24-stage	0.20 to 15.68	0.19 to 15.57	0.24 to 24.32 0.25 to	24.49	0.20 to 14.69	0.19 to 14.58
		Reverse 16-stage	0.18 to 12.32	0.16 to 10.78	0.22 to 18.91 0.23 to	18.37	0.18 to 11.54	0.16 to 10.09
Rubb	er crawler specifica	ations	400W x 35L x 90P {420W x 35L x 90P} <250W x 35L x 90P>	400W x 38L x 90P {420W x 38L x 90P} <250W x 38L x 90P>	400W x 41L x 90P	400W x 42L x 90P	400W x 35L x 90P {420W x 35L x 90P} <250W x 35L x 90P>	400W x 38L x 90P {420W x 38L x 90P} <250W x 38L x 90P>
Grou	nding surface pro	oduct cm 2	6895 {7325} <4309>	7705 {8185} <4816>	8440	8688	6895 {7325} <4309>	7705 {8185} <4816>
Loose	opposition schem	ne			Rocking (± 10)°)		
Yu w	heel / rolling wh	eels			2/3			
PT(Rotation spe	Forward	564,795,985, 1313/2600	561,791,980, 1307/2800	546,770,954, 1272/2600	567,800,990, 1321/2700	564,795,985, 1313/2600	561,791,980, 1307/2800
	speed rpm	Reversal	985/2600	980/2800	954/2600	990/2700	985/2600	980/2800
	Axis dimensions				JIS 35	5		
Worki	ing machine	control method			Position control			
lifting	device	Apparatus system			3-point link JIS 1 f	orm		

^[] Safety cab specification, $\{\!\}$ is PC1 specification, $<\!>$ is PC3 Specifications

^{1.} a × rubber crawler width (distance between the centers of the rear and front 遊輪 遊輪) ground contact area = contact length.

^{2.} Kowa距 is the distance between the rubber track center.

^{3.} swing angle is the swing angle relative to the vehicle body. (+ Clockwise direction as viewed from the left side of the vehicle body, the counter-clockwise direction -)

■ Traveling speed table

• KL210,230,250,270,300,330,360,430 manual shift specification

KL210,230,250 safety frame with U shift specification

[レフト仕様 マニュアルシフト(KIII/ II <i>)</i>
リシフ	ト仕様	マニュ	アルシフ	/卜仕様	KL2	210	KL	230	KL	250	KL	270	KL3	300	KL:	330	KL;	360	KL4	430
主変速レバー	クリープ レバー		副変速 レバー	クリープ レバー	前進	後進	前進	後進	前進	後進	前進	後進	前進	後進	前進	後進	前進	後進	前進	後進
1		1			0.21	0.18	0.19	0.17	0.20	0.18	0.20	0.18	0.20	0.18	0.20	0.18	0.23	0.20	0.24	0.21
2		2	低		0.29	0.26	0.27	0.24	0.28	0.25	0.28	0.25	0.28	0.25	0.29	0.26	0.32	0.29	0.33	0.30
3		3	157		0.36	0.32	0.33	0.30	0.35	0.31	0.34	0.31	0.34	0.31	0.35	0.32	0.40	0.36	0.41	0.37
4	低	4		低	0.48	0.43	0.45	0.40	0.47	0.42	0.46	0.41	0.46	0.41	0.47	0.42	0.53	0.48	0.55	0.49
5	15%	1		IEV.	0.66	0.59	0.65	0.58	0.65	0.58	0.67	0.60	0.66	0.60	0.66	0.59	0.64	0.58	0.66	0.60
6		2	高		0.93	0.83	0.92	0.82	0.92	0.82	0.94	0.84	0.94	0.84	0.94	0.84	0.91	0.81	0.94	0.84
7		3	[11]		1.15	1.03	1.14	1.02	1.14	1.02	1.16	1.04	1.16	1.04	1.16	1.04	1.12	1.01	1.16	1.04
8		4			1.53	1.37	1.52	1.36	1.52	1.36	1.55	1.39	1.55	1.39	1.55	1.39	1.49	1.34	1.55	1.39
1		1			1.83	1.64	1.70	1.53	1.78	1.59	1.74	1.56	1.74	1.56	1.81	1.62	2.02	1.82	2.10	1.88
2		2	低		2.59	2.32	2.40	2.15	2.51	2.25	2.46	2.20	2.45	2.20	2.55	2.29	2.86	2.56	2.96	2.65
3		3	157		3. 20	2.87	2.98	2.67	3.11	2.79	3.04	2.73	3.04	2.72	3.16	2.83	3.54	3.17	3.66	3. 29
4	高	4		高	4.27	3.83	3.97	3.56	4.15	3.71	4.06	3.64	4.05	3.63	4.21	3. 78	4.72	4.23	4.88	4.38
5		1		一口	5.86	5. 25	5.80	5.19	5.81	5.21	5.93	5.31	5.92	5.31	5.91	5.30	5.72	5.13	5.92	5.31
6		2	高		8.26	7.40	8.17	7.32	8.20	7.35	8.36	7.49	8.35	7.48	8.33	7.47	8.06	7. 23	8.35	7.49
7		3	[H]		10.24	9.17	10.12	9.07	10.16	9.10	10.36	9.28	10.34	9.27	10.33	9. 25	9.99	8.96	10.34	9.28
8		4			14.70	13. 17	14.58	13.06	14.58	13.07	14.87	13.33	14.81	13. 28	14. 75	13.22	14. 30	12.92	14.80	13.34

KL210,230,250,270,300,330,300D, 330D safety Cab U shift specification (except Pawakuro specification),
 KL270,300,330,300D, (except Pawakuro specifications) 330D safety frame with U shift specification, KL360,430 U shift specification

Uシフ	ト仕様	KL2	210	KL	230	KL2	250	KL	270	KL3	300 00D	KL3	330 30D	KL3	360	KL4	<u>km/n)</u> 430
主変速レバー	クリープ レバー	前進	後進	前進	後進	前進	後進	前進	後進	前進		前進	後進	前進	後進	前進	後進
1		0.17	0.18	0.16	0.17	0.17	0.18	0.16	0.18	0.16	0.18	0.17	0.18	0.19	0.20	0.20	0.21
2		0.21	0.26	0.19	0.24	0.20	0.25	0.20	0.25	0.20	0.25	0.20	0.26	0.23	0.29	0.24	0.30
3		0.24	0.32	0.23	0.30	0.24	0.31	0.23	0.31	0.23	0.31	0.24	0.32	0.27	0.36	0.28	0.37
4		0.29	0.43	0.27	0.40	0.28	0.42	0.28	0.41	0.28	0.41	0.29	0.42	0.32	0.48	0.33	0.49
5		0.30	0.59	0.28	0.58	0.29	0.58	0.29	0.60	0.29	0.60	0.30	0.59	0.33	0.58	0.35	0.60
6	/rt.	0.36	0.83	0.33	0.82	0.35	0.82	0.34	0.84	0.34	0.84	0.35	0.84	0.40	0.81	0.41	0.84
7	低	0.40	1.03	0.37	1.02	0.39	1.02	0.38	1.04	0.38	1.04	0.40	1.04	0.44	1.01	0.46	1.04
8		0.48	1.37	0.45	1.36	0.47	1.36	0.46	1.39	0.46	1.39	0.47	1.39	0.53	1.34	0.55	1.39
9		0.66	_	0.65		0.65		0.67	_	0.66	_	0.66	_	0.64	_	0.66	_
10		0.93		0.92		0.92		0.94	_	0.94	_	0.94	_	0.91	_	0.94	
11		1.15	_	1.14		1.14		1.16	_	1.16	_	1.16	_	1.12	_	1.16	_
12		1.53	_	1.52		1.52		1.55	_	1.55	_	1.55	_	1.49	_	1.55	_
1		1.53	1.64	1.42	1.53	1.49	1.59	1.46	1.56	1.46	1.56	1.51	1.62	1.70	1.82	1.76	1.88
2		1.83	2.32	1.70	2.15	1.78	2.25	1.74	2.20	1.74	2.20	1.81	2.29	2.02	2.56	2.10	2.65
3		2.16	2.87	2.01	2.67	2.10	2.79	2.05	2.73	2.05	2.72	2.13	2.83	2.40	3.17	2.48	3.29
4		2.59	3.83	2.40	3.56	2.51	3.71	2.46	3.64	2.45	3.63	2.55	3.78	2.86	4.23	2.98	4.38
5		2.68	5.25	2.49	5.19	2.60	5.21	2.55	5.31	2.54	5.31	2.64	5.30	2.97	5.13	3.07	5.31
6	_ 	3.20	7.40	2.98	7. 32	3.11	7. 35	3.04	7.49	3.04	7.48	3.16	7.47	3.54	7. 23	3.66	7.49
7	高	3.57	9.17	3.32	9.07	3.47	9.10	3.39	9.28	3.39	9.27	3.52	9.25	3.96	8.96	4.10	9.28
8		4.27	13.17	3.97	13.06	4.15	13.07	4.06	13.33	4.05	13. 28	4.21	13.22	4.72	12.92	4.88	13.34
9		5.86		5.80		5.81		5.93	_	5.92	_	5.91	_	5.72	_	5.92	_
10		8.26	_	8.17	_	8.20	_	8.36	_	8.35	_	8.33	_	8.06	_	8.35	_
11		10.24	_	10.12	_	10.16	_	10.36	_	10.34	_	10.33	_	9.99	_	10.34	_
12		14.70	_	14.58	_	14.58	_	14.87	_	14.81	_	14.75	_	14.30	_	14.80	_

• KL280H, 310H, 340H, 380H, 410H, 460H, 500H manual shift specification,

KL210H, 230H, 250H safety frame with U shift specification

Uシフ	ト仕様	マニュ	アルシフ	'卜仕様	KL2	10H	KL2	30H	KL2	50H	KL2	80H	KL3	10H	KL3	40H	KL3	80H	KL4	10H	KL4	60H	KL5	00H
主変速レバー	クリープ レバー	主変速レバー	副変速 レバー	クリープ レバー	前進	後進	前進	後進	前進	後進	前進	後進	前進	後進	前進	後進	前進	後進	前進	後進	前進	後進	前進	後進
1		1			0.21	0.18	0.19	0.17	0.20	0.18	0.20	0.18	0.20	0.18	0.20	0.18	0.22	0.20	0.22	0.20	0.22	0.20	0.23	0.21
2		2	低低		0.29	0.26	0.27	0.24	0.28	0.25	0.28	0.25	0.28	0.25	0.29	0.26	0.31	0.28	0.31	0.28	0.31	0.28	0.32	0.29
3		3	144		0.36	0.32	0.33	0.30	0.35	0.31	0.34	0.31	0.34	0.31	0.35	0.32	0.38	0.34	0.38	0.34	0.39	0.35	0.40	0.36
4	低	4		低	0.48	0.43	0.45	0.40	0.47	0.42	0.46	0.41	0.46	0.41	0.47	0.42	0.51	0.46	0.51	0.46	0.51	0.46	0.53	0.48
5	14	1		14	0.66	0.59	0.65	0.58	0.65	0.58	0.67	0.60	0.66	0.60	0.66	0.59	0.62	0.55	0.62	0.55	0.62	0.56	0.65	0.58
6		2	高		0.93	0.83	0.92	0.82	0.92	0.82	0.94	0.84	0.94	0.84	0.94	0.84	0.87	0.78	0.87	0.78	0.88	0.79	0.91	0.82
7		3	同		1.15	1.03	1.14	1.02	1.14	1.02	1.16	1.04	1.16	1.04	1.16	1.04	1.08	0.97	1.08	0.97	1.09	0.98	1.13	1.01
8		4			1.53	1.37	1.52	1.36	1.52	1.36	1.55	1.39	1.55	1.39	1.55	1.39	1.44	1.29	1.43	1.29	1.45	1.30	1.50	1.35
1		1			1.83	1.64	1.70	1.53	1.78	1.59	1.74	1.56	1.74	1.56	1.81	1.62	1.95	1.75	1.94	1.74	1.96	1.76	2.04	1.83
2		2	低低		2.59	2.32	2.40	2.15	2.51	2. 25	2.46	2. 20	2.45	2. 20	2.55	2. 29	2.75	2.46	2.74	2.46	2.77	2.48	2.87	2.58
3		3	147		3. 20	2.87	2.98	2.67	3.11	2.79	3.04	2.73	3.04	2.72	3.16	2.83	3.40	3.05	3.40	3.05	3.43	3.08	3.56	3.19
4	高	4		高	4. 27	3.83	3.97	3.56	4.15	3.71	4.06	3.64	4.05	3.63	4.21	3. 78	4.53	4.07	4.53	4.06	4.57	4.10	4.74	4.26
5	同	1		同	5.86	5. 25	5.80	5.19	5.81	5.21	5. 93	5.31	5.92	5. 31	5.91	5. 30	5.49	4.93	5.49	4.92	5.54	4.97	5. 75	5.16
6		2	高		8. 26	7.40	8.17	7. 32	8. 20	7.35	8.36	7.49	8.35	7.48	8.33	7.47	7. 75	6.95	7.74	6.94	7.82	7.01	8.11	7. 28
7		3	回		10.24	9.17	10.12	9.07	10.16	9.10	10.36	9.28	10.34	9. 27	10.33	9. 25	9.60	8.62	9.58	8.60	9.68	8.69	10.05	9.02
8		4			13.65	12.23	13.50	12.10	13.54	12.13	13.81	12.37	13. 79	12.36	13.77	12.34	12.80	11.49	12.78	11.47	12.91	11.58	13.39	12.02
1		1			10.14	9.09	10.36	9.29	11.50	10.31	11.56	10.36	11.55	10.35	12.00	10.76	12.92	11.59	12.89	11.57	13.02	11.69	13. 17	11.82
2	高速	2		高速	14.30	12.81	14.61	13.10	16.23	14.54	16.30	14.61	16.28	14.59	16.93	15.17	18.21	16.35	18.19	16.32	18.37	16.48	18.57	16.67
3	走行	3		走行	17.71	15.87	18.11	16.22	20.10	18.01	20. 20	18.10	20.17	18.08	20.97	18. 79	22.57	20. 25	22.53	20. 22	22.76	20.42	23.01	20.65
4		4			24.71	22.14	25.30	22.67	28.04	25.12	28.17	25. 24	28.09	25.17	29. 21	26.17	31.39	28.17	31.31	28.09	31.74	28.49	32.04	28.75

• KL210H, 230H, 250H, 270H, 280H, 310H, 340H safety Cab U shift specification,

KL270H, 280H, 310H, 340H safety frame with U shift specification, KL380H, 410H, 460H, 500H, 550H U shift specification (except Pawakuro specification)

Uシフ	ト仕様	KL2	10H	KL2	30H	KL2	50H	KL2	70H 80H	KL3	10H	KL3	40H	KL3	80H	KL4	10H	KL4	60H	KL5	00H	KL5	m/n) 50H
主変速	クリープ	光准	公 米	盐准	公 米	光光	公 米:			盐准	公 米	光准	公 米	兴准	经准	盐准	经准	光准	公 米	光光	经准	光米	经准
レバー	レバー			前進			後進															前進	
1																						0.19	
2	-																					0.23	
3																						0.27	
4																						0.32	
5		0.30	0.59	0.28	0.58	0.29	0.58	0.29	0.60	0.29	0.60	0.30	0.59	0.32	0.55	0.32	0.55	0.32	0.56	0.34	0.58	0.33	0.57
6	低	0.36	0.83	0.33	0.82	0.35	0.82	0.34	0.84	0.34	0.84	0.35	0.84	0.38	0.78	0.38	0.78	0.39	0.79	0.40	0.82	0.40	0.80
7	IEX .	0.40	1.03	0.37	1.02	0.39	1.02	0.38	1.04	0.38	1.04	0.40	1.04	0.43	0.97	0.43	0.97	0.43	0.98	0.45	1.01	0.45	0.99
8		0.48	1.37	0.45	1.36	0.47	1.36	0.46	1.39	0.46	1.39	0.47	1.39	0.51	1.29	0.51	1.29	0.51	1.30	0.53	1.35	0.53	1.32
9		0.66	_	0.65	_	0.65	_	0.67	_	0.66	_	0.66	_	0.62		0.62		0.62	_	0.65		0.63	_
10		0.93	_	0.92	_	0.92	_	0.94	_	0.94	_	0.94	_	0.87		0.87	_	0.88	_	0.91		0.89	_
11		1.15		1.14		1.14	_	1.16	_	1.16		1.16	_	1.08		1.08		1.09	_	1.13		1.11	
12		1.53		1.52	_	1.52		1.55	_	1.55	_	1.55	_	1.44		1.43	_	1.45	_	1.50		1.47	
1		1.53	1.64	1.42	1.53	1.49	1.59	1.46	1.56	1.46	1.56	1.51	1.62	1.63	1.75	1.63	1.74	1.65	1.76	1.71	1.83	1.74	1.86
2		1.83	2.32	1.70	2.15	1.78	2.25	1.74	2. 20	1.74	2.20	1.81	2.29	1.95	2.46	1.94	2.46	1.96	2.48	2.04	2.58	2.07	2.62
3		2.16	2.87	2.01	2.67	2.10	2. 79	2.05	2. 73	2.05	2.72	2.13	2.83	2.30	3.05	2.30	3.05	2.32	3.08	2.41	3.19	2.45	3. 25
4		2.59	3.83	2.40	3.56	2.51	3. 71	2.46	3.64	2.45	3.63	2.55	3. 78	2.75	4.07	2.74	4.06	2.77	4.10	2.87	4.26	2.92	4.34
5		2.68	5. 25	2.49	5.19	2.60	5. 21	2.55	5.31	2.54	5.31	2.64	5.30	2.85	4.93	2.85	4.92	2.88	4.97	2.99	5.16	3.04	5.17
6	<u>+</u>	3. 20	7.40	2.98	7. 32	3.11	7. 35	3.04	7.49	3.04	7.48	3.16	7.47	3.40	6.95	3.40	6.94	3.43	7.01	3.56	7. 28	3.62	7. 29
7	高	3.57	9.17	3.32	9.07	3.47	9.10	3.39	9.28	3.39	9. 27	3. 52	9. 25	3.81	8.62	3.80	8.60	3.84	8.69	3.98	9.02	4.05	9.04
8		4.27	12.23	3.97	12.10	4.15	12.13	4.06	12.37	4.05	12.36	4.21	12.34	4.53	11.49	4.53	11.47	4.57	11.58	4.74	12.02	4.83	12.05
9		5.86	_	5.80	_	5.81	_	5. 93	_	5.92	_	5. 91	_	5.49		5.49		5.54	_	5. 75		5. 76	_
10		8.26	_	8.17	_	8. 20	_	8.36	_	8.35	_	8.33	_	7. 75	_	7.74	_	7.82	_	8.11	_	8.13	_
11		10.24	_	10.12	_	10.16	_	10.36	_	10.34	_	10.33	_	9.60	_	9.58	_	9.68	_	10.05	_	10.07	_
12		13.65	_	13.50	_	13.54	_	13.81	_	13. 79	_	13.77	_	12.80		12.78		12.91	_	13.39		13.43	_
1																						13.36	
2		14.30	12.81	14.61	13.10	16.23	14.54	16.30	14.61	16.28	14. 59	16.93	15.17	18.21	16.35	18.19	16.32	18.37	16.48	18.57	16.67	18.84	16.91
3	高速	14.82	15.87	15.14	16.22	16.81	18.01	16.89	18.10	16.87	18.08	17.54	18. 79	18.94	20. 25	18.90	20.22	19.10	20.42	19.31	20.65	19.59	20.95
4	走行	17.71	22.14	18.11	22.67	20.10	25.12	20. 20	25. 24	20.17	25.17	20.97	26.17	22.57	28.17	22.53	28.09	22.76	28.49	23.01	28.75	23.34	29.17
5		19.75	_	20.19	_	22.42	_	22.52	_	22.49	_	23.39	_	25. 25		25. 21		25.46	_	25.74		26.12	_
6		24.71	_	25.30	_	28.04	_	28.17	_	28.09	_	29.21	_	31.39		31.31	_	31.74	_	32.04	_	32.51	_

KL330 House specification

(km/h)

ルシフ	 ト仕様	KL 33	30-T	, i	0-TW
		IVE O	1	KLUU	O IW
主変速レバー	クリーブ レバー	前進	後進	前進	後進
1		0.20	0.18	0.20	0.18
2		0.28	0.25	0.28	0.25
3		0.36	0.31	0.34	0.31
4	低	0.46	0.41	0.46	0.41
5	IEV.	0.67	0.60	0.67	0.60
6		0.95	0.85	0.95	0.85
7		1.18	1.06	1.17	1.05
8		1.57	1.41	1.56	1.40
1		1.77	1.58	1.75	1.57
2		2.49	2.23	2.47	2.22
3		3.09	2.77	3.06	2.75
4	高。	4.11	3.69	4.09	3.66
5		6.01	5.39	5.97	5.35
6		8.48	7.59	8.42	7.54
7		10.50	9.41	10.43	9.34
8		14.99	13.44	14.90	13.35

◆ KL250 · 300 orchard specification

マニュ	アルシフ	/ト仕様	ı	50-K		0-KS		00-K	KL30	
			KL25	<u>0-KW</u>	KL250)-KSW	KL3U	<u>0-KW</u>	KL300)-K2M
主変速レバー	副変速 レバー	クリーブ レバー	前進	後進	前進	後進	前進	後進	前進	後進
1			0.21	0.19	0.19	0.17	0.21	0.19	0.19	0.17
2	任		0.30	0.26	0.27	0.24	0.30	0.26	0.27	0.24
3	低		0.37	0.33	0.33	0.29	0.37	0.33	0.33	0.29
4		低	0.49	0.44	0.44	0.39	0.49	0.43	0.44	0.39
1		157	0.66	0.58	0.59	0.52	0.65	0.58	0.59	0.52
2	高		0.92	0.82	0.83	0.74	0.92	0.82	0.83	0.73
3	问		1.15	1.02	1.03	0.91	1.14	1.01	1.02	0.91
4			1.53	1.36	1.37	1.22	1.52	1.35	1.37	1.21
1			1.88	1.67	1.69	1.50	1.87	1.66	1.68	1.49
2	低		2.65	2.36	2.38	2.12	2.64	2.34	2.37	2.11
3	14		3.28	2.92	2.95	2.62	3. 27	2.91	2.94	2.61
4		高	4.38	3.89	3.93	3.50	4.36	3.87	3.91	3.48
1	高	同	5.84	5.19	5.25	4.66	5.81	5.17	5.22	4.64
2			8.24	7.32	7.40	6.58	8. 20	7. 29	7.36	6.55
3			10.20	9.07	9.17	8.15	10.16	9.03	9.12	8.11
4			14.65	13.02	13.16	11.70	14.54	12.93	13.06	11.61

• KL270-PC, 330-PC, 410H-PC, 500H-PC, 270D-PC, 330D-PC

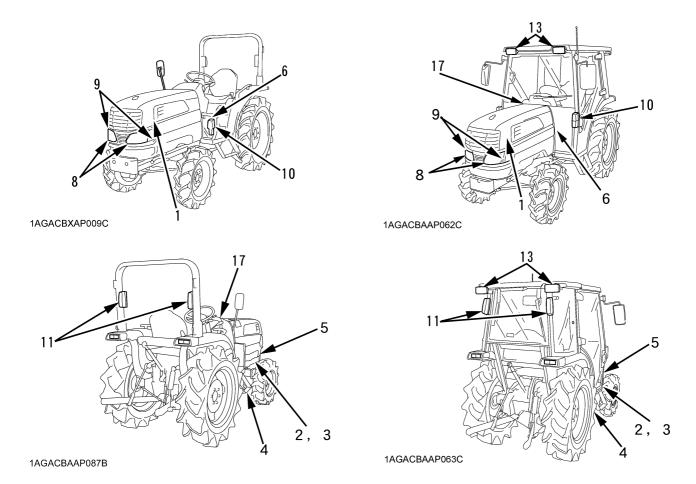
	1 1 1 1 24							= -					<u>km/h)</u>
	ト仕様	KL27	U-PC	KL33	U-PC	KL41()H-PC	KL500	JH-PC	KL270	JD-PC	KL330	JD-PC
主変速 レバー	クリープ レバー	前進	後進										
1		0.20	0.18	0.19	0.16	0.24	0.22	0.25	0.23	0.20	0.18	0.19	0.16
2		0.23	0.25	0.23	0.22	0.29	0.31	0.30	0.32	0.23	0.25	0.23	0.22
3		0.28	0.31	0.27	0.27	0.35	0.38	0.36	0.40	0.28	0.31	0.27	0.27
4		0.32	0.41	0.32	0.36	0.41	0.51	0.43	0.53	0.32	0.41	0.32	0.36
5		0.35	0.55	0.33	0.48	0.43	0.84	0.44	0.85	0.35	0.52	0.33	0.45
6	Irr.	0.40	0.78	0.40	0.68	0.51	1.18	0.53	1.20	0.40	0.73	0.40	0.64
7	低	0.46	0.96	0.44	0.85	0.57	1.47	0.59	1.48	0.46	0.90	0.44	0.79
8		0.53	1.28	0.53	1.13	0.68	1.96	0.71	1.97	0.53	1.20	0.53	1.06
9		0.70	_	0.70	_	1.12	_	1.13	_	0.66	_	0.66	_
10		0.99	_	0.99	_	1.58		1.59	_	0.93	_	0.92	_
11		1.23	_	1.22		1.96	_	1.97	_	1.15	_	1.15	_
12		1.64	_	1.63	_	2.61	_	2.63	_	1.53	_	1.53	_
1		1.77	1.59	1.70	1.39	2.18	1.96	2.26	2.03	1.77	1.59	1.70	1.39
2		2.02	2.24	2.01	1.97	2.61	2.76	2.71	2.87	2.02	2.24	2.01	1.97
3		2.50	2.77	2.39	2.44	3.08	3.42	3.19	3.55	2.50	2.77	2.39	2.44
4		2.85	3.69	2.84	3.25	3.68	4.56	3.82	4.74	2.85	3.69	2.84	3.25
5		3.10	4.91	2.97	4.32	3.81	7.48	3.96	7.55	3.10	4.60	2.97	4.04
6	卋	3.53	6.93	3.52	6.09	4.56	10.55	4.74	10.65	3.53	6.49	3.52	5.70
7	高	4.13	8.58	3.95	7.54	5.08	13.08	5.28	13.19	4.13	8.04	3.95	7.07
8		4.70	12.32	4.69	10.78	6.08	18.91	6.31	18.37	4.70	11.54	4.69	10.09
9		6.25	_	6.24	_	9.98	_	10.07	_	5.85	_	5.84	_
10		8.82	_	8.80	_	14.07	_	14.20	_	8. 26	_	8. 24	_
11		10.92		10.90		17.43		17.59		10.23		10.21	
12		15.68		15.57	_	24.32		24.49		14.69		14.58	

■ Standard accessories

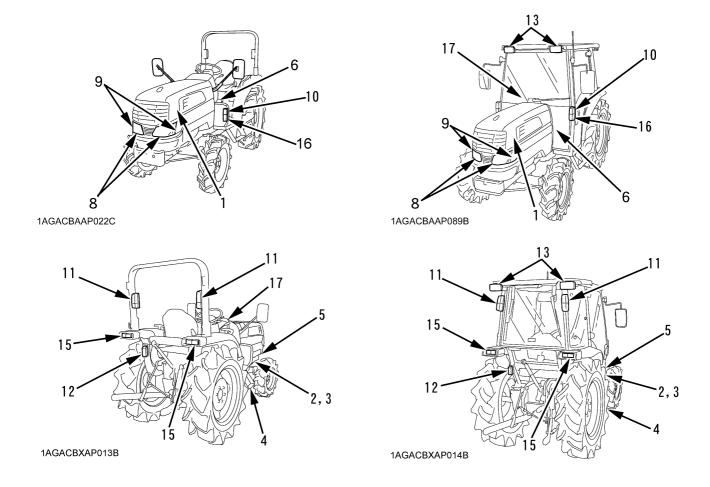
Goods Name	Quantity / unit	Remarks	Goods Name	Quantity / unit	Remarks
driver	1	+, - presumed dead, switch-typ	e instruction manual	1	
10-12 spanner	1		Warranty	1	
14-17 spanner	1		Maintenance book	1	
19-22 spanner	1		Instruction confirmation card	1	
24-27 spanner	1		PTO shaft cap	1	
17-24 wrench	1		bolt	1	
Pliers	1		Spring washer	1	For the PTO shaft cap
Main switch key Assi	1				

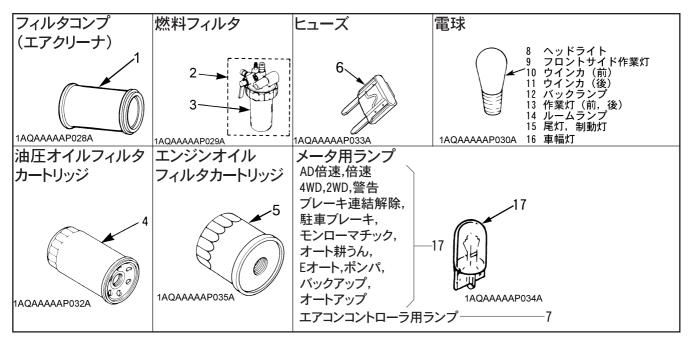
The main consumable parts list (Let's use the genuine parts)

[KL210 · 230 · 250 · 270 · 300 · 330 · 300D · 330D · 360 · 430] (except Pawakuro specification)



$[\text{KL210H} \cdot 230\text{H} \cdot 250\text{H} \cdot 270\text{H} \cdot 280\text{H} \cdot 310\text{H} \cdot 340\text{H} \cdot 380\text{H} \cdot 410\text{H} \cdot 460\text{H} \cdot 500\text{H} \cdot 550\text{H} \cdot 270\text{-PC} \cdot 330\text{-PC} \cdot 270\text{D-PC} \cdot 330\text{-PC}]$





Drawing n	ımber Product Name	Product number Drav	ving No.	Product Name	Product number
	Filter Comp (air cleaner) [KL210 · 230 · 250 ·		9 ligh	bulb 21W	T1270-9902-0
	270 · 300 · 330 · 300D · 330D · 360 · 430 · 210H · 230H · 250H · 270H · 280H · 310H ·	T0270-1632-0	10 ligh	t bulb 21W	T1370-9911-0
1	340H · 380H · 410H]		11 ligh	t bulb 21 / 5W	T1370-9912-0
	Element (outer) [KL460H ·	R1401-4227-0	11 ligh	t bulb 21 / 5W	T1370-9912-0
	500H · 550H]	K 1401-4227-0	12 ligh	t bulb 21W	T2255-9912-0
2 fuel	filter Assi	16271-4301-3	13 val	ves (12V35W halogen)	T1275-9106-0
3 filte	element	16271-4356-0	14 ligh	t bulb 10W	T0180-7422-0
4 oil f	lter cartridge	T0070-3771-0		Bulb 21 / 5W [KL210H · 230H · 250H · 270H ·	
5 oil f	lter cartridge	17321-3243-0	15	280H · 310H · 340H · 380H · 410H · 460H · 500H · 550H · 270-PC · 330-PC · 270DPC ·	T1370-9912-0
	Fuse (mini 5A)	T1065-3043-0	15	330D-PC]	11370-9912-0
	Fuse (mini 7.5A)	T1065-3048-0			
	Fuse (mini 10A)	5H050-4162-0		Light bulb 5W [KL210H · 230H · 250H · 270H ·	
6	Fuse (mini 15A)	5H050-4163-0	40	280H · 310H · 340H · 380H · 410H · 460H ·	T1070 0011 0
	Fuse (mini 20A)	5H050-4164-0	16	500H · 550H · 270-PC · 330-PC · 270DPC · 330D-PC]	T1370-9914-0
	Fuse (mini 30A)	5H050-4166-0			
7 valv	e (heater control) T1275-8722-0		17 val	ve (monitor)	T1060-3027-0
8 bulk	s 60 / 55W	T1270-9901-0			

Pawakuro specification undercarriage replacement parts list (Let's use the genuine parts)

Product number	Product Name	Adaptation Model	Applications and specifications	Combination attachment
Crawler				
T1060-8467-0 crawler	(Rubber, high lag)	KL330-PC	PC2 specification (high lag) 38 link	
T1060-8468-0 crawler	Rubber, Katahashigo)	KL330D-PC	PC1 specification (one ladder) 38 link	
T0280-6048-0 crawler	(Rubber, 35)	KL270-PC	PC2 specification (high lag) 35 link	
T1030-8468-0 crawler	Rubber, Katahashigo)	KL270D-PC	PC1 specification (one ladder) 35 link	
T1390-8467-0 crawler	Rubber 400 * 41 * 90WC) KL410H-	PC PC2 specific	atlidnli(htigh lag)	
T1410-8467-0 crawler	Rubber 400 * 42 * 90WC) KL500H-	PC PC2 specific	attlΩhli(trikgh lag)	
Track roller				
T1060-8401-0 Tianlur	, Assi (sub)	KL270-PC KL330-PC KL410H-PC KL500H-PC		
遊輪	l			
T1270-8450-0 idler, A	ssi (300, flat)	KL330-PC KL33 遊輪	0D-PC after	
T1240-8450-0 idler, A	ssi (250, flat)	KL270-PC KL270D-PC KL330-PC KL330D-PC	KL270-PC, KL270D-PC before and after 遊輪 KL330-PC , KL330D-PC before 遊輪	
Adopt plans	Idler, Assi (310, flat)	KL410H-PC		
Adopt plans	Idler, Assi (250, flat)	KL500H-PC		
sprocket		1		
Adopt plans	Sprocket, Assi	KL270-PC KL270D-PC KL330-PC KL330D-PC		
Adopt plans	Sprocket, Assi KL410H-PC	KL500H-PC		
guide				
T1240-8458-0 guide (crawler)	KL270-PC KL270D-PC KL330-PC KL330D-PC		
T1270-8458-0 guide (crawler)	KL410H-PC KL500H-PC		

Attachment list (Let's use a genuine attachment)

Product number	Product Name	Adaptation Model	Applications and specifications	Combination attachment
Auxiliary car wheel	1 rodder Name	/ duptation woder	уфинация ана эресписаното	Combination attachment
98352-73600	9.5-22 Strakes mount	KL210 KL210H	Five mounting strakes on one side For 9.5-22	P20, P25, P30, one of the P38 5 sets / table
98352-74600	9.5-24 Strakes mount	KL230 KL230H KL330-T	For strakes six attached to one side For 9.5-24	P20, P25, P30, P38 of any of the six sets / table
98352-67600	11.2-24 strakes mount	KL250 KL250H	For strakes seven attached to one side For 11.2-24	P20, P25, P30, P38 of any of the seven sets / table
98352-78600 strakes	mount Assi	KL270 KL270H KL280H (except Pawakuro specification)	For strakes seven attached to one sideFor 12.4-24	P20, P25, P30, P38 of any of the seven sets / table
99822-21002 paddy fiel	d wheel Mount Assi	KL300 KL300D KL310H	For strakes seven attached to one side For 12.4-26	G20, one of the G35 inverted strike Lake Assi one set / table
99072-22001 strakes	Mount Assi	KL330 KL330D KL340H (except Pawakuro specification)	For strakes seven attached to one sideFor 13.6-24	P20, P25, P30, P38 of any of the seven sets / table
98352-59600	GL367 Strakes mount	KL360 KL430 KL380H KL410H KL460H KL500H (except Pawakuro specification)	 For strakes seven attached to one side For 13.6-26 For 13.6-28 	G20, one of the G35 inverted strike Lake Assi 7 sets / table
98352-76600	P20 inverted strike Lake Assi	KL210 KL230 KL250 KL270 KL330 KL330D	Shoe width 20cm-pin configuration R, each one L	
99576-26902	P25 inverted strike Lake Assi	KL210H KL230H KL250H KL270H	Shoe width 25cm plate type configuration R, each one L	Said of the mounting base Assi
99516-27902	P30 inverted strike Lake Assi	KL280H KL340H KL330-T (except	Shoe width 30cm plate type configuration R, each one L	
99516-28902	P38 inverted strike Lake Assi	Pawakuro specification)	Shoe width 38cm plate type configuration R, each one L	
99556-31001	G20 inverted strike Lake Assi	KL300 KL300D KL360 KL430 KL310H	Each left and right shoe width 20cm 7 pcs / set	
99556-32001	G35 inverted strike Lake Assi	KL380H KL410H KL460H KL500H (except Pawakuro specification)	Each left and right shoe width 35cm 7 pcs / set	Said of the mounting base Assi

Product number	Product Name	Adaptation Model	Applications and specifications	Combination attachment
3-point link			- FELLENING AND SECUNDATION	
T0030-3910-1 top link	Assi	KL210 KL230 KL210H KL230H KL330T (W)	For general working machine	
T0050-3910-1 top link	Assi	KL250 For KL250H genera	I working machine	
T0070-3910-1 top link	Assi	KL270 KL300 KL330 KL300D KL330D KL270H KL280H KL310H KL340H	For general working machine	
T1150-3910-1 top lin	k Assi	KL360 KL430 KL380H KL410H	For general working machine	
35080-7110-3 top li	nk Assi	KL460H KL500H KL550H	For general working machine	
weight				
T1230-49801 weigh	Auxiliary, 10)	KL210 KL230 KL250	10kg Attached to the front inside of the front axle frame	01133-51230 4 U (volts)
T1230-49811 weigh	Auxiliary, 20)	KL210H KL230H KL250H KL250K (S) (W) KL300K (S) (W) KL330T (W)	20kg Attached to the front inside of the front axle frame	01133-51230 4 U (volts)
T0070-49800 weigh	t (auxiliary)	KL270 KL300 KL330 KL300D KL330D KL280H KL310H KL340H	Two 10kg × Attached to the front inside of the front axle frame	01133-51230 4 U (volts)
99261-11002 front v	reight (25kg)	All models	Front hook-type weight	· KL210 ~ 330, KL210H ~ 340H mount Assi 6,10 need · KL360,430,380H ~ 550H 5 pieces mounting possible in the standard
99431-17000 weight	mount Assi 6	All HIUGEIS	25kg weight up to six	
99591-17000 weight	mount Assi 10		25kg weight up to 10 sheets	

Product number	Product Name	Adaptation Model	Applications and specifications	Combination attachment
99221-12002 front w	eight Assi	KL210 KL230 KL250 KL270	28kg Attached to the front of the front axle frame	
34070-49772 bumpe	r (15)	KL300 KL330 KL300D KL330D		30400-44891 2 co (volts)
34070-49782 bumpe	r (20)	KL210H KL230H		02771-50100 2 co (nut)
34070-49793 bumpe	KL270 KL280 -49793 bumper (30) KL340 KL340	KL250H KL270H KL280H KL310H KL340H KL330T (W) KL250K (S)	15kg, 20kg, 30kg, is the weight to be attached to remove the bumper is mounted before the front axle frame 40kg.	34070-49731 2 co (volts) 02174-50120 2 co (nut) 04512-50120 2 co (Banezagane)
T1030-49801 bumpe	т (40)	(W) KL300K (S) (W)		01774-51275 2 co (volts) 02174-50120 2 co (nut) 04512-50120 2 co (Banezagane)
99831-15001 rear w	neel weights Assi	KL300 KL300D	33kg × 6 pieces	
99831-15111 rear wh	eel weights	KL430 KL310H KL410H KL330-TW (except Pawakuro specification)	Added as needed to 33kg (for 12.6-26,13.6-26) 99831-15001	
99281-15002 rear w	neel weights Assi	KL330 KL330D	27.5kg × 6 pieces	
99281-15112 rear wh	eel weights	KL340H (except Pawakuro specification)	Added as needed to 99281-15002	
99411-15000 rear w	neel weights Assi	KL360 KL380H KL460H KL500H (except Pawakuro specification)	35kg × 6 pieces	
99881-15000 rear w	neel weights Assi	KL550H	Four 50kg ×	
Otherwise				
99563-81002 canopy	v (simplified)		I Horo made date. It can not be mounted on the safety cab specification.	
99571-91001 working	g light Assi		12V27W can not be mounted in one mouth safety cab specification.	
96397-15101 car wa	sh pump	All models	It can not be attached to the mounting with super joint in the rear PTO.	
99563-85001 canopy	⁄ Assi		It resin folding date. It can not be mounted on the safety cab specification.	

Product number	Product Name	Adaptation Model	Applications and specifications	Combination attachment
99233-75002 Hitchia	isshi	KL210 KL230 KL250 KL270 KL300 KL330 KL300D KL210H KL230H KL250H KL270H KL270H KL280H KL340H KL340H KL340H	Used during the towing operation	
99593-75001 Dorob	aasshi	KL360 KL430		
99583-75001 swing	drawbar Assi	KL380H KL410H KL460H KL500H KL550H		
99705-67001 fuel su	pply table A Assi	KL210 KL230 KL250 KL270 KL300 KL330 KL300D KL330D KL360 KL430 KL210H KL250H KL270H KL250H KL270H KL280H KL310H KL340H KL340H KL340H KL340H KL340H KL380H KL310H KL30H KL370H KL380H KL370-PC	Mounted on the hood right	Co-deposition of the front loader can not
99715-67001 fuel su				

In pull instrument list (Let's use a genuine-in pull instrument)



- * When wearing the tractor rear working machine, the load applied to the steering wheel (front wheel) is the total weight 20 % Or more so as to the balance weight is attached, please use.
- * Load applied to the steering wheel (front wheel) is also wearing the maximum weight that can be mounted is the total weight of the 20% Please do not install a working machine that can not be ensured or more.
- * When using the front loader, and appropriate working machine to the tractor rear to enhance stability c

 Please equipped with Eight. (Please consult place of purchase for more information.)

		Adaptation Model							
Product number	Product Name	KL210 (H) KL	230 (H) KL250	(H) KL270 (H)	KL280H	KL300 KL300D KL310H	KL330 KL330D KL340H	KL330T (W)	
7C404-02010 RL4K		0	0	0				0	
7C404-00010 RL4k	-В	0	0	0				0	
7C404-02020 RL4K	-V	0	0	0				0	
7C404-00020 RL4K	-VB	0	0	0				0	
7C404-02620 RL4F	K-V	0	0	0				0	
7C404-00620 RL4F	K-VB	0	0	0				0	
7C404-02012 WRL	4K	0	0	0				0	
7C404-00012 WRL	4K-B	0	0	0				0	
7C404-02022 WRL	4K-V	0	0	0				0	
7C404-00022 WRL	4K-VB	0	0	0				0	
7C404-02622 WRL	4FK-V	0	0	0				0	
7C404-00622 WRL	4FK-VB	0	0	0				0	
7C405-02010 RL5K		0	0	0	0			0	
7C405-00010 RL5K	-В	0	0	0	0			0	
7C405-02020 RL5K	-V	0	0	0	0			0	
7C405-00020 RL5K	-VB	0	0	0	0			0	
7C405-02620 RL5F	K-V	0	0	0	0			0	
7C405-00620 RL5F	K-VB	0	0	0	0			0	
7C405-02012 WRL	5K	0	0	0	0			0	
7C405-00012 WRL	5K-B	0	0	0	0			0	
7C405-02022 WRL	5K-V	0	0	0	0			0	
7C405-00022 WRL	5K-VB	0	0	0	0			0	
7C405-02622 WRL	5FK-V	0	0	0	0			0	
7C405-00622 WRL	5FK-VB	0	0	0	0			0	
7C406-02010 RL6K		0	0	0	0	0	0	0	
7C406-00010 RL6K	-В	0	0	0	0	0	0	0	
7C406-02020 RL6K	-V	0	0	0	0	0	0	0	

				Adaptati	on Model			
Product number	Product Name	KL210 (H) KL	230 (H) KL250	(H) KL270 (H)	KL280H	KL300 KL300D KL310H	KL330 KL330D KL340H	KL330T (W)
7C406-00020 RL6k	I-VB	0	0	0	0	0	0	0
7C406-02620 RL6F	K-V	0	0	0	0	0	0	0
7C406-00620 RL6F	K-VB	0	0	0	0	0	0	0
7C406-02012 WRL	6K	0	0	0	0	0	0	0
7C406-00012 WRL	6K-B	0	0	0	0	0	0	0
7C406-02022 WRL	6K-V	0	0	0	0	0	0	0
7C406-00022 WRL	6K-VB	0	0	0	0	0	0	0
7C406-02622 WRL	6FK-V	0	0	0	0	0	0	0
7C406-00622 WRL	6FK-VB	0	0	0	0	0	0	0
7C407-02010 RL7k				0	0	0	0	0
7C407-00010 RL7k	I-B			0	0	0	0	0
7C407-02020 RL7k	I-V			0	0	0	0	0
7C407-00020 RL7k	I-VB			0	0	0	0	0
7C407-02012 WRL	7K			0	0	0	0	
7C407-00012 WRL	7K-B			0	0	0	0	
7C407-02022 WRL	7K-V			0	0	0	0	
7C407-00022 WRL	7K-VB			0	0	0	0	
7C464-02010 RL4X	K	0	0					0
7C464-00010 RL4X	К-В	0	0					0
7C464-02020 RL4X	K-V	0	0					0
7C464-00020 RL4X	K-VB	0	0					0
7C464-02012 WRL	4XK	0	0					0
7C464-00012 WRL	4XK-B	0	0					0
7C464-02022 WRL	4XK-V	0	0					0
7C464-00022 WRL	4XK-VB	0	0					0
7C465-02010 RL5X	к	0	0	0	0			0
7C465-00010 RL5X	К-В	0	0	0	0			0
7C465-02020 RL5X	K-V	0	0	0	0			0
7C465-00020 RL5X	K-VB	0	0	0	0			0
7C465-02620 RL5X	FK-V	0	0	0	0			0
7C465-00620 RL5X	FK-VB	0	0	0	0			0
7C465-02012 WRL	5XK	0	0	0	0			0
7C465-00012 WRL	5XK-B	0	0	0	0			0
7C465-02022 WRL	5XK-V	0	0	0	0			0
7C465-00022 WRL	5XK-VB	0	0	0	0			0
7C465-02622 WRL	5XFK-V	0	0	0	0			0
7C465-00622 WRL	5XFK-VB	0	0	0	0			0

				Adaptati	on Model			
Product number	Product Name	KL210 (H) KL	230 (H) KL250		KL280H	KL300 KL300D KL310H	KL330 KL330D KL340H	KL330T (W)
7C466-02010 RL6>	(K				0	0	0	
7C466-00010 RL6>	(К-В				0	0	0	
7C466-02020 RL6>	(K-V				0	0	0	
7C466-00020 RL6>	K-VB				0	0	0	
7C466-02620 RL6>	(FK-V				0	0	0	
7C466-00620 RL6>	(FK-VB				0	0	0	
7C466-02012 WRL	бХК				0	0	0	
7C466-00012 WRL	6XK-B				0	0	0	
7C466-02022 WRL	6XK-V				0	0	0	
7C466-00022 WRL	6XK-VB				0	0	0	
7C466-02622 WRL	6XFK-V				0	0	0	
7C466-00622 WRL	6XFK-VB				0	0	0	
7C467-02010 RL7>	ĸ					0	0	
7C467-00010 RL7>	(К-В					0	0	
7C467-02020 RL7>	(K-V					0	0	
7C467-00020 RL7>	(K-VB					0	0	
7C467-02012 WRL	7XK					0	0	
7C467-00012 WRL	7XK-B					0	0	
7C467-02022 WRL	7XK-V					0	0	
7C467-00022 WRL	7XK-VB					0	0	
7C482-02010 R2W	ĸ	0	0	0	0			0
7C482-00010 R2W	К-В	0	0	0	0			0
7C482-02020 R2W	K-V	0	0	0	0			0
7C482-00020 R2W	K-VB	0	0	0	0			0
7C482-02012 WR2	wĸ	0	0	0	0			0
7C482-00012 WR2	WK-B	0	0	0	0			0
7C482-02022 WR2	WK-V	0	0	0	0			0
7C482-00022 WR2	WK-VB	0	0	0	0			0
7C483-02010 R3W	2K	0	0	0	0			0
7C483-00010 R3W	2K-B	0	0	0	0			0
7C483-02020 R3W	2K-V	0	0	0	0			0
7C483-00020 R3W	2K-VB	0	0	0	0			0
7C483-02012 WR3\	W2K	0	0	0	0			0
7C483-00012 WR3	W2K-B	0	0	0	0			0
7C483-02022 WR3	W2K-V	0	0	0	0			0
7C483-00022 WR3	W2K-VB	0	0	0	0			0
7C485-02010 R5K		0	0	0	0			0

		適応型式							
品番	品名	KL210 (H) KL	230 (H) KL250	(H) KL270 (H)	KL280H	KL300 KL300D KL310H	KL330 KL330D KL340H	KL330T (W)	
7C485-00010 R5k-l	3	0	0	0	0			0	
7C485-02020 R5k-\	/	0	0	0	0			0	
7C485-00020 R5k-\	/B	0	0	0	0			0	
7C485-02410 R5k-\	N	Δ	Δ	Δ	Δ			Δ	
7C485-00410 R5k-\	WB	Δ	Δ	Δ	Δ			Δ	
7C485-02420 R5k-\	/W	Δ	Δ	Δ	Δ			Δ	
7C485-00420 R5k-\	/WB	Δ	Δ	Δ	Δ				
7C485-02710 R5k \	W2	Δ	Δ	Δ	Δ			Δ	
7C485-00710 R5k-\	W2B	Δ	Δ	Δ	Δ				
7C485-02720 R5k-\	/W2	Δ	Δ	Δ	Δ			Δ	
7C485-00720 R5k-\	/W2B	Δ	Δ	Δ	Δ				
7C485-02012 WR5	ĸ	0	0	0	0			0	
7C485-00012 WR5	K-B	0	0	0	0			0	
7C485-02022 WR5	K-V	0	0	0	0			0	
7C485-00022 WR5	K-VB	0	0	0	0			0	
7C485-02412 WR5	K-W	Δ	Δ	Δ	Δ			Δ	
7C485-00412 WR5I	K-WB	Δ	Δ	Δ	Δ				
7C485-02422 WR5I	K-VW	Δ	Δ	Δ	Δ			Δ	
7C485-00422 WR5	K-VWB	Δ	Δ	Δ	Δ				
7C485-02712 WR5	K W2	Δ	Δ	Δ	Δ			Δ	
7C485-00712 WR5I	K-W2B	Δ	Δ	Δ	Δ				
7C485-02722 WR5I	K-VW2	Δ	Δ	Δ	Δ			Δ	
7C485-00722 WR5	K-VW2B	Δ	Δ	Δ	Δ				
7C486-02010 R6K					0	0	0		
7C486-00010 R6K-	В				0	0	0		
7C486-02020 R6K-	v				0	0	0		
7C486-00020 R6K-	VB				0	0	0		
7C486-02410 R6K-	w				Δ	Δ	Δ		
7C486-00410 R6K-	WB				Δ	Δ	Δ		
7C486-02420 R6K-	vw				Δ	Δ	Δ		
7C486-00420 R6K-	VWB				Δ	Δ	Δ		
7C486-02710 R6K-	W2				Δ	Δ	Δ		
7C486-00710 R6K-	W2B				Δ	Δ	Δ		
7C486-02720 R6K-	VW2				Δ	Δ	Δ		
7C486-00720 R6K-	VW2B				Δ	Δ	Δ		
7C486-02012 WR6	κ				0	0	0		
7C486-00012 WR6	К-В				0	0	0		

		適応型式									
品番	品 名	KL210 (H) KL	230 (H) KL250	(H) KL270 (H)	KL280H	KL300 KL300D KL310H	KL330 KL330D KL340H	KL330T (W)			
7C486-02022 WR6	K-V				0	0	0				
7C486-00022 WR6	K-VB				0	0	0				
7C486-02412 WR6	K-W				Δ	Δ	Δ				
7C486-00412 WR6I	K-WB				Δ	Δ	Δ				
7C486-02422 WR6I	<-VW				Δ	Δ	Δ				
7C486-00422 WR6	K-VWB				Δ	Δ	Δ				
7C486-02712 WR6	K W2				Δ	Δ	Δ				
7C486-00712 WR6I	K-W2B				Δ	Δ	Δ				
7C486-02722 WR6I	<-VW2				Δ	Δ	Δ				
7C486-00722 WR6	K-VW2B				Δ	Δ	Δ				
7C400-02000 U2100	-9RF 補助ユニット ○		0					0			
7C400-04000 U250Q	9RF 補助 ユニット			0							
7C400-06000 U270Q	9RF 補助 ユニット				0	0	0				
7C400-07000 WU210	Q-9RF 補助ユニット○		0					0			
7C400-08000 WU250	Q-9RF 補助 ユニット			0							
7C400-09000 WU270	Q-9RF 補助 ユニット				0	0	0				

品番	品名	適 応 型 式 KL250-K (KS) KL3			
m #	m 11	00-K (KS)			
7C405-00810 RL5H	HK-B	0	0		
7C405-00820 RL5H	lK-VB	0	0		
7C406-00810 RL6H	HK-B	0	0		
7C406-00820 RL6H	lK-VB	0	0		
7C400-02000 U210	Q-9RF 補助 ユ ニ ッ ト	0	0		

		適応型式					
品番	品 名	KL380H KL410H	KL360 KL430	KL460H KL500H	KL550H		
7E407-02010 RM1	71K	0	0	0	0		
7E407-00010 RM1	71K-B	0	0	0	0		
7E407-02012 WRM	171K	0	0	0	0		
7E407-00012 WRM	171K-B	0	0	0	0		
7E408-02010 RM1	B1K	0	0	0	0		
7E408-00010 RM1	B1K-B	0	0	0	0		
7E408-02012 WRM	181K	0	0	0	0		
7E408-00012 WRM	181K-B	0	0	0	0		
7E409-02010 RM1	91K	0	0	0	0		
7E409-00010 RM1	91K-B	0	0	0	0		

			適応型式		
品番	品名	KL380H KL410H	KL360 KL430	KL460H KL500H	KL550H
7E409-02012 WRM	191K	0	0	0	0
7E409-00012 WRM	191K-B	0	0	0	0
7E420-02010 RM2	01K			0	0
7E420-00010 RM2	01K-B			0	0
7E420-02012 WRM	201K			0	0
7E420-00012 WRM	201K-B			0	0
7E422-02010 RM2	21K			0	0
7E422-00010 RM2	21K-B			0	0
7E422-02012 WRM	221K			0	0
7E422-00012 WRM	221K-B			0	0
7E400-01000 U361	Q-9RF 補助 ユニット (※ 1)		0	0	
7E400-02000 U3600	Q-9RF 補助 ユ ニ ッ ト		0	0	
7E400-03000 U381	Q-9RF 補助 ユニット (※ 1)	0			
7E400-04000 U3800	Q-9RF 補助 ユニット	0			
7E400-05000 U551	Q-9RF 補助 ユニット (※ 1)				0
7E400-06000 U5500	Q-9RF 補助 ユニット				0
7E400-08000 WU36)Q-9RF 補助 ユ ニ ッ ト	0	0	0	0

	品 名	適 応 型 式						
品番		KL270-PC-PC KL270D	KL330-PC KL330D KL410	H-PC-PC-PC KL5	рон			
7C407-02010 RL7k		0						
7C408-02010 RL8k		0	0					
7C409-02010 RL9K			0					
7C407-02012 WRL	7K	0						
7C408-02012 WRL	зк	0	0					
7C409-02012 WRL	9K		0					
7E408-02010 RM1	31K			0	0			
7E408-02012 WRM	181K			0	0			
7E409-02010 RM1	91K			0	0			
7E409-02012 WRM	191K			0	0			
7E420-02010 RM2	01K				0			
7E420-02012 WRM	201K				0			
7E422-02010 RM2	21K				0			
7E422-02012 WRM	221K				0			
7C400-04000 U250	Q-9RF 補助 ユニット	0						
7C400-06000 U270	Q-9RF 補助 ユニット		0					
7C400-09000 WU2	70Q-9RF 補助 ユニット	0	0					
7E400-01000 U361	Q-9RF 補助 ユニット (※ 1)				0			
7E400-02000 U3600	-9RF 補助 ユ ニ ッ ト				0			

品番	品名	適応型式						
		KL270-PC-PC	KL330-PC					
		KL270D	KL330D KL410	оон				
				0				
7E400-04000 U3800	Q-9RF 補助 ユ ニ ッ ト			0				
7E400-08000 WU360)Q-9RF 補助 ユ ニ ッ ト			0	0			

補 足

^{*} RL: サイドドライブ, R センタドライブ, X: 正逆転ロータリ, K: シリーズ記号, F: 細土用 チフレーム仕様△印ロータリは,トラクタとのセット販売のみ.

^{*} RM: サイドドライブ, B: 後 2 輪 付, WRM: W3P 用 オートヒッチフレーム 仕様 * U: 特殊 3P 式 補助 ユニッ

	品 名	適応型式									
品番		KL210 KL210H	KL230 KL230H	KL250 KL250H	KL270 KL270H KL280H	KL300 KL300D KL310H	KL330 KL330D KL340H	KL380H KL410H	KL360 KL430	KL460H KI KL550H	.500H
L1177-00000 KLH25)グレイタスローダ	***									
L1178-00000 KLH25)-ESLグレイタスローダ	☆ ☆ ☆									
L1179-00000 KLH33)グレイタスローダ				***						
L1180-00000 KLH33)-ESLグレイタスローダ				\$ \$ \$						
L1200-00000 KLH43) グレイタスローダ							**			
L1201-00000 KLH43	D-ESL グレイタスローダ							* *			
)-PC グレイタスローダ							* *			
)グレイタスローダ									**	
	D-ESL グレイタスローダ									* *	
	D-PC グレイタスローダ									••	
	Mグレイタスジュニア	***									
	Nグレイタスジュニア	***									

	Lグレイタスジュニア	***									
	M-PC グレイタスジュニア	* * * *									
	N-PC グレイタスジュニア	***									
	K-PC グレイタスジュニア	***									
	IL-PC グレイタスジュニア	***									
		NNN			***						
	Mグレイタスジュニア										
	Nグレイタスジュニア				***						
	Kグレイタスジュニア										
	L グレイタスジュニア				***						
	M-PC グレイタスジュニア				* * 4						
	N-PC グレイタスジュニア				* * 4						
	K-PC グレイタスジュニア				* * 4						
	L-PC グレイタスジュニア			_	* * *		_				
	超砕土成形ロータリ			0	0	0	0				
	5 超 砕 土 成形 ロ ー タ リ			0	0	0	0				
	お超砕土成形ロータリ				0	0	0				
	7 超 砕 土 成形 ロ ー タ リ						0	0	0	0	0
L2316-00000 RT-418	3 超 砕 土 成形 ロ ー タ リ						0	0	0	0	0
L2309-00000 RT-419	9 超 砕 土 成形 ロ ー タ リ						0	0	0	0	0
	G 超 砕 土 ロ ー タ リ			0	0	0	0				
L2026-00000 RL115	3 超砕土ロータリ			0	0	0	0				
L2027-00000 RL116	G超砕土ロータリ			0	0	0	0				
L2024-00000 RM117	G超砕土ロータリ						0	0	0	0	0
L2028-00000 RM118	G超砕土ロータリ						0	0	0	0	0
L2025-00000 RM119	G超砕土ロータリ						0	0	0	0	0
L2502-00000 IM-2 3	マルチ巻取り機	0	0	0	0	0	0				
L2522-00000 IM-2S	マルチ巻取り機				0	0	0				
L2516-00000 IM-6 3	アルチ巻取り機	0	0	0	0	0	0				
L2300-00000 RT-1	2 (M1) 小うねマルチロータリ○○○L2302	-00000 RT	-112 (M4)	平高うね							
マルチロータリ	○○○ L2303-00000 RT-112 (M6) 高うねマル	チロータ	リ º L250	0-00000							
○○RT-212 2 う ね	マルチロータリ										
		0	0	0							
78485-00000 RT-2D	2 軸 マルチロータリ	0	0	0							
L2310-00000 RT-712	サイドマルチロータリ	0	0	0							

補足

*★印ローダは安全フレーム仕様トラクタ,☆印ローダは安全キャブ仕様トラクタに適応します. *◆印ローダは安全フレーム仕様,安全キャブ仕様の両トラクタに適応します. * KLH250, KLH330 グレイタスローダを安全フレームH (高速車) 仕様トラクタに装着する場合は,別

途 ハ イ ス ピ ー ド キ ッ ト (品 番: L1190-00000, 型式: KL340H-HSK) が 必要 で す. * ロ ー ダ 品名 に お け る [-PC] は, プ ッ シュ プ ル ケ ー ブ ル 仕 様 の 意味 で, パ ワ ク ロ 仕 様 の 意味 で は あ り ま せ ん.



f 用安全キ

農用トラクター(乗用型)用 及び安全フレーム検査成績表



KS OUB 合格番号:203007 型式名:クボタ

安全キャブ

体頼者名:株式会社 クボタ ...

47号

所: 太阪府太阪市浪速区敷津東1丁目2番

主要材料 4

ブ

SPLY : STKM 11 A, STKR 400, SS 400, SPHC, SPHE, SPCE, SPCC, : SS 400 : S 40~45 C ■ 王 フ レ ー ム : ■ 装着ブラケット : ■ 組立・装着ボルト : :

検査成績 目

強度試験 1)水平負荷試験は、キャブの後部右側、側部右側に対して実施。 ■ 基準質量

: 1340 kg ■ 所要吸収エネルギー

後部負荷 2.16 kJ {220 kgf·m} 側部負荷 2.98 kJ {304 kgf·m} 19.71 kN {2010 kgf}

■ 圧壊力

左左後側側側側 2.5 cm 5.0 cm -7.0 cm 12.5 cm 右便 :::: 右右前前侧侧侧侧侧侧侧侧侧侧侧侧侧侧侧侧侧侧侧侧侧侧 2) 試験後のキャブの永久変位 (後 路 前方へ) : 右衛 (後方へ) : 右衛 (後方へ) : 右衛 (後方へ) : 右衛 (後方へ) : 前郷

-0.5 cm -2.0 cm 9.0 cm

0.0 cm 1.5 cm

左側

1.5 cm

: 後部 右側

3) 側部負荷試験時のキャブの最大変位と残留変位との差 : 11.5 cm

畑 靈

8

■ 81 dB(A) [クボタ KL25]

※ 7.5km/hに近い速度段で、けん引負荷をかけた時のキャブ内騒音(運転者の耳もと)

낊 t ≥

本キャブは,既合格機(合格番号 201005)であり,装着トラクター4型式(クボタ KL230H, クボタ KL230) クボタ KL210H, クボタ KL210) の追加にともなって受検したものである。強度試験,分解調査については, 元の型式検査の試験成績を転用した。

装着可能トラクタ

型式名

日立 NTX245 クボタ KL210H クボタ KL25 クボタ KL23

2. 主要諸元 (最大トラクター)

クボタ KL230H クボタ KL210

クボタ KL230 クボタ KL21

構造の概要

構造及び装着法

供試キャブは、鋼管及び鋼板を主材とした溶接による一体構造であり、防振ゴム・取付金具を介してク ラッチハウジング部、ブレーキケース部及び後車軸ケース部にボルトで装着 ウインドスクリーン, ドア (両側), 側窓, 後窓を装備。

主な装備

シートベルト (2点式), 暖冷房装置,電動ワイパー (前・後)

主要寸法 . თ

■ フートプレートから屋根部材 (内張下面) までの高さ ■ 座席基準点上方 76cm の高さにおけるキャブの内幅 ■ 座席基準点から屋根部材(内張下面)までの高さ

■ ステアリングホイールの中心高さにおける座席基準点上方のキャブの内幅 ■ 戸口の幅

90. 5 cm 131. 5 cm 86. 0 cm 75. 5 cm 86. 5 cm 32. 0 cm 37. 0 cm 119. 0 cm 32. 5 cm

■ 最低位ステップの高さ ■ 戸口の高さ

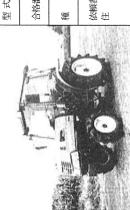
(フートプレートから)

(フェンダーを合む) (キャブ上端まで) ■ キャブ装着時のトラクターの全高 ■ キャブの全幅

■ 座席基準点上方 76cm の高さにおける座席基準点からキャブ後部までの水平距離 ※1. クボタ KL26 (タイヤサイズ: 前輪 6-14 4FR (後輪 9.5-24 4FR) に装着時。2. トラクターシートの発展型式: しげる工業: T1060-47703. ステアリングホイールのテルトは上から3段目に選節。



田 及び安全フレーム検査成績表 (乗用型) トラクター 農用



ω 合格番号:20300

所: 大阪府大阪市浪速区敷津東1丁目2番 佐頼者名:株式会社 クボタ 住 所:大阪府大阪市徳東

安全キャブ 類:

装着可能トラクタ

型式名

クボタ KL250 クボタ KL250H

主要諸元(最大トラクター) .

クボタ KL250H

4輪駆動

kW{PS}/rpm : 18.4{25}/2600 1380 : 1640 kg : HIII

構造の概要

構造及び装着法

供試キャプは、鋼管及び鋼板を主材とした溶接による一体構造であり、防板ゴム・取付金具を介してクラッチハウジング部、プレーキケース部及び後車軸ケース部にボルトで装着。 ウインドスクリーン,ドア(両側)、側窓、後窓を装備。

主な装備 α

シートベルト (2点式), 暖冷房装置, 電動ワイパー (前・後)

主要寸法 ※ . ღ

■ フートプレートから屋根部材(内張下面)までの高さ ■ 座席基準点から屋根部材(内張下面)までの高さ

■ 座席基準点上方 76cm の高さにおけるキャブの内幅 ■ ステアリングホイールの中心高さにおける座席基準点上方のキャブの内幅 (上部)

■万口の幅

(フートプレートから) ■最低位ステップの高さ■キャブ装着時のトラクターの全高

■ 戸口の高さ

90. 5 cm 131. 0 cm 85. 5 cm 93. 0 cm 72. 0 cm 87. 0 cm 123. 0 cm 37. 5 cm 119. 5 cm 31. 5 cm

■ 座席基準点上方 76cm の高さにおける座席基準点からキャブ後部までの水平距離 (フェンダーを含む) キャブの全幅

(キャブ上端まで)

※1.クボタ KL250H(タイヤサイズ : 前輪 7-14 4PR 後輪 11.2-24 4PR)に装着時。

2. トラクターシートの銘柄型式 : しげる工業, 71270-47711

3. ステアリングホイールのチルトは上から3段目に調節。

主要材料

■ エ フ レ ー ム : STKM 11 A, STKR 400, SS 400, SPHC, SPHE, SPCE, SPCC, SPLY, SPMY ■ 装着ブラケット : SS 400 ■ 組立・装着ボルト : S 40~45 C

検査成績

強度試験 1)水平負荷試験は、キャブの後部右側、側部左側に対して実施。 ■ 基準質量

: 後部負荷 2.25 kJ {229 kgf·m} : 側部負荷 3.05 kJ {311 kgf·m} : 20.51 kN {2091 kgf} ■ 所要吸収エネルギー

圧壊力

2) 試験後のキャブの永久変位

左側 0.5 cm 左側 1.0 cm 0.5 cm 1.0 cm 9.0 cm 4.5 cm 左側 4.0 cm 左側 15.0 cm 後側 右側 2.0 cm 右側 0.5 cm :::: 右右前前 侧侧侧部 : 後部 (後 部 (前方へ)(前方へ)(前方へ)(前 部 (右向方へ)(上 部 (下方へ)

3) 側部負荷試験時のキャブの最大変位と残留変位との差 : 11.0 cm

盟

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騒 音 ※ ■ 80.5 dB(A) [クボタ KL250H]

※ 7.5km/hに近い速度段で、けん引負荷をかけた時のキャブ内騒音(運転者の耳もと)

띪 ţ \geq

任意 コード田) であり, 強度試験, 分解調査については, 本キャブは任意鑑定受験機(平 14 任鑑 18 号, 鑑定の試験成績を転用した。





用安全キャ 及び安全フレーム検査成績表 (乗用型) W 5 ۱D _ 職用

等等格耳氏或 農業(性核系特定産業 技^工術等研究中機等 は記録を記述を表現である。 7

ო 型式名: **クボタ KSQ3**

合格番号:205020

安全キャブ ...

熚

所:大阪府大阪市浪速区敷津東1丁目 佐頼者名:株式会社 クボタ 住 所:大阪府大阪市浪速 2番47号

装着可能トラクター

佑 Ħ 犐 Ŀ

クボタ KL33 クボタ KL30 クボタ KL300D クボタ KL330 クボタ KL270 クボタ KL330D クボタ KL270H クボタ KL300

主要諸元 (最大トラクター)

ď

kg : ■質量(キャブ付き)■軸

クボタ KL330D

4輪駆動

kW{PS}/rpm : 24.3{33}/2800 1495 1745 mm 띮 ■機関出力 / 回転速度

構造の概要

1. 構造及び装着法

供試キャブは、鋼管及び鋼板を主材とした溶接による一体構造であり、防振ゴム・取付金具を介してク

ラッチハウジング部、ブレーキケース部及び後車軸ケース部にボルトで装着。

ウインドスクリーン,ドア(両側),側窓,後窓を装備。

シートベルト (2点式), 暖冷房装置,電動ワイパー (前・後) 主な装備

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主要寸法 . თ

フートプレートから屋根部材 (内張下面) までの高さ ■ 座席基準点から屋根部材(内張下面)までの高さ

■ 座席基準点上方 76cm の高さにおけるキャブの内幅

90.0 cm

131.0 cm 85.5 cm 91.0 cm 78.5 cm 87.0 cm 32.5 cm 1123.5 cm 38.5 cm

■ ステアリングホイールの中心高さにおける座席基準点上方のキャブの内幅

(フートプレートから) (母報) (紀代) 戸口の高さ ■ 戸口の幅

■最低位ステップの高さ

(フェンダーを含む) (キャブ上端まで) ■ キャブ装着時のトラクターの全高

137.5 cm 30.0 cm

■ 座席基準点上方 76cm の高さにおける座席基準点からキャブ後部までの水平距離 ※ 1. クボタ KL330D(タイヤサイズ : 前輪 8-16 4PR 後輪 13.6-24 4PR)に装着時。

2. トラクターシートの銘柄型式 : しげる工業㈱, T1270-47711

3. ステアリングホイールのチルトは中央位置に調節。

主要材料

■ 主 フ レ ー ム : STKM 11 A, STKR 400, SS 400, SPCC, SPCE, SPHE, SPHE, SPLY ■ 装着ブラケット : SS 400 ■組立・装着ボルト : S 40~45 C

検査成績 Ħ

強度試験
 水平負荷試験は、キャブの後部右側、側部右側に対して実施。

: 1490 kg ■ 所要吸収エネルギー ■ 基準質量

. 後部負荷 2.40 kJ {245 kgf·m} : 側部負荷 3.18 kJ {325 kgf·m} : 21.92 kN {2235 kgf}

■ 圧壊力

2) 試験後のキャブの永久変位

-0.5 cm 2.5 cm 4.5 cm 6.0 cm ::: 右右前 劍側側 ■ 後 部 (耐 方 へ) ■ 前 部 (耐 方 へ) ■ 歯 部 (右 値 方 へ) ■ 上 部 (下 方 へ)

1.0 cm 1.5 cm 8.5 cm 左側左側 3.5 cm 2.0 cm 12.5 cm 右側 右側 前部 後部 部 (右側方へ) 部 (下 方 へ)

3) 側部負荷試験時のキャブの最大変位と残留変位との差 : 11.0 cm

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クボタ L330D

クボタ KL27

■ 81.5 dB(A) [クボタ KL330D]

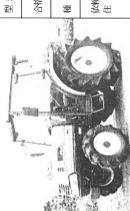
※ 7.5km/hに近い速度段で、けん引負荷をかけた時のキャブ内騒音(運転者の耳もと)

띪 t ≥

クボタ KL300D) の追加にともなって受検したものである。強度試験については,元の型式検査の試験成績 本キャブは, 既合格機(合格番号 203009)であり, 装着トラクター 3型式(クボタ KL330D, クボタ L330D, を転用した。



ブ 4 # 農用トラクター(乗用型)用安全 及び安全フレーム検査成績表



型式 タ・・ クボタ KS

合格番号:203010

安全キャブ ...

所: 大阪府大阪市浪速区敷津東1丁目2番 体頼者名:株式会社 クボタ #

装着可能トラクター

佑 草

クボタ KL310H クボタ KL34H クボタ KL28H クボタ KL340H クボタ KL280H

クボタ KL31H

主要諸元(最大トラクター)

.

: クボタ KL340H 4輪駆動 1535 kg ::

kW{PS}/rpm : 25.0{34}/2700

: 1745

構造の概要

1. 構造及び装着法

供試キャブは、鋼管及び鋼板を主材とした溶接による一体構造であり、防振ゴム・取付金具を介してク ラッチハウジング部、ブレーキケース部及び後車軸ケース部にボルトで装着。 ウインドスクリーン,ドア(両側),側窓,後窓を装備。

主な装備 .

シートベルト (2点式),暖冷房装置,電動ワイバー (前・後)

. ო

■ フートプレートから屋根部材(内張下面)までの高さ ■ 座席基準点から屋根部材(内張下面)までの高さ

105.0 cm 141.5 cm

■ ステアリングホイールの中心高さにおける座席基準点上方のキャブの内幅 ■ 座席基準点上方 90cm の高さにおけるキャブの内幅 ■ 戸口の幅

(フートプレートから) (世報)

85. 5 cm 93. 5 cm 72. 0 cm 86. 0 cm 32. 0 cm 132. 5 cm 37. 5 cm 137. 0 cm 32. 5 cm

(フェンダーを含む) (キャブ上端まで) ■ キャブ装着時のトラクターの全高

■最低位ステップの高さ

■ 戸口の恵み

■ 座席基準点上方 90cm の高さにおける座席基準点からキャブ後部までの水平距離

2. トラクターシートの銘柄型式 : しげる工業, 71270-47711

※1.クボタ KL340H(タイヤサイズ : 前輪 8-16 4PR 後輪 13.6-24 4PR)に装着時。

3. ステアリングホイールのチルトは上から3段目に讕節。

主要材料

岩 華

■ 注 フ レ ー ム : STKR 400, STKN 11 A, SS 400, SPHC, SPHE, SPCE, SPCC, SPLY ■ 装着ブラケット : SS 400 ■ 組立・装着ボルト : S 40~45 C

検査成績 Ħ

強度試験

1) 水平負荷試験は、キャブの後部右側、前部左側、側部左側に対して実施。■ 基準質量■ 下野販収エネルギー : 後部負荷 1.01 kJ [103 kgf·m] : 1530 kg : 後部負荷 1.01 kJ {103 kgf·m} : 前部負荷 1.27 kJ {129 kgf·m} : 團部負荷 2.68 kJ {273 kgf·m}

30.60 kN (3120 kgf)

■ 圧壊力

2) 試験後のキャブの永久変位

左側 -0.5 cm 9.5 cm -3.0 cm 0.0 cm 0.5 cm 左側 -4.0 cm 左側 10.5 cm 後側 右側 0.5 cm … … 在 一 一 三 三 三 : 前部 部 (右側方へ) (後 部 (前方へ)(前 部 (後方へ)(前 部 (右側方へ)上 部 (下方へ)

3) 側部負荷試験時のキャブの最大変位と残留変位との差 : 11.5 cm

0.5 cm

:後部 右側 -1.0 cm

2. 騒 音

*

■ 80 dB(A) [クボタ KL340H]

※ 7.5km/hに近い速度段で、けん引負荷をかけた時のキャブ内騒音(運転者の耳もと)

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クボタ KL280H)の追加にともなって受検したものである。強度試験,分解調査については,元の型式検査 本キャブは, 既合格機 (合格番号 200001) であり, 装着トラクター 3型式(クボタ KL340H、クボタ KL310H、 の試験成績を転用した。



用安全キャブ (乗用型)

及び安全フレーム検査成績表 ١ トラクタ 農用

合格番号:204002 攤

型式名: **クボタ KSQ41**

類: 安全キャブ

佐頼者名:株式会社 クボタ 住 所:大阪府大阪市浪速区敷津東1丁目2番

47号

装着可能トラクター

型式名

クボタ KL410H

クボタ KL380H クボタ KL41H

クボタ KL38H

主要諸元(最大トラクター) . در

クボタ KL410H 4輪駆動

kg : 1725 mm : 1890 kW {PS} / rpm : 30.9 {42} / 2600 ■軸 ■機関出力/回転数

構造の概要 Ħ

構造及び装着法 ·.

供試キャブは、鋼管及び鋼板を主材とした溶接による一体構造であり、防振ゴム・取付金具を介して、 クラッチハウジング部及び後車軸ケース部にボルトで装着。 ウインドスクリーン、ドア (両側)、側窓、後窓を装備。

主な装備 . .

シートベルト (2点式), 暖冷房装置, 電動ワイパー (前・後)

- 主要寸法 . თ
- 座席基準点から屋根部材(内張下面)までの高さ
- ▼フートプレートから屋根部材 (内張下面) までの高さ
 ■座席基準点上方90cm の高さにおけるキャブの内端
 ■ステアリングホイールの中心高さにおける座席基準点上方のキャブの内幅
 戸口の幅 (年報)

101. 5 cm 141. 5 cm 84. 0 cm 93. 5 cm 72. 0 cm 32. 0 cm 132. 5 cm 43. 5 cm 214. 5 cm 30. 5 cm

戸口の高さ

(フートプレートから)

(船上)

- (キャブ上端まで) ■ キャブ装着時のトラクターの全高 最低位ステップの高さ
- 座席基準点上方 90cm の高さにおける座席基準点からキャブ後部までの水平距離 (フェンダーを含む) キャブの全幅
 - ※1.クボタ KL410H(タイヤサイズ : 前輪 8-18 4PR 後輪 13.6-26 4PR)に装着略。
 - 2. トラクターシートの銘柄型式 : しげる工業, T1410-47711
 - 3. ステアリングホイールのチルトは上から3段目に調節。

農業·生物系特定産業 培、統三研三統 構

技術 研究機 三平成16年度

4. 主要材料 ■ 主 フ レ ー ム : STKR 400, STKM 11 A, SS 400, SPHC, SPHE, SPCE, SPCC, SPLY ■ 装着ブラケット : SS 400 ■ 装着 ボ ル ト : S 40~45 C

検査成績

Ħ

1. 強度試験1) 水平負荷試験は、キャブの後部右側、前部左側、側部左側に対して実施。■ 基準質量■ 1710 kg■ 所要数収エネルギー・ 後部負荷 1.32 kJ {135 kgfm}

1710 kg 《後衛衛布 1.32 kJ {135 kgf·m} 前部衛布 1.36 kJ {138 kgf·m} @部衛布 2.99 kJ {335 kgf·m} 34.20 kM {3487 kgf}

■ 圧壊力

2) 試験後のキャブの永久変位

左側 0.0 cm 左側 -1.0 cm 左側 1.5 cm 左側 -5.5 cm 左側 11.0 cm 後側 右側 1.5 cm 右側 1.0 cm .. (後部 : 右便 : 右便 : 前側

-2.5 cm -0.5 cm 10.0 cm 3) 側部負荷試験時のキャブの最大変位と残留変位との差 : 11.0 cm

騒 音 ※ ■ 84.5 dB(A) [クボタ KL410H]

8

※ 7.5km/hに近い速度段で、けん引負荷をかけた時のキャブ内騒音、運転者の耳もと

띪 亡 ≥

本キャブは, 既合格機 (合格番号 200002) であり, 装着トラクター2型式 (クボタ KL410H, クボタ KL380H) の追加にともなって受検したものである。強度討樂, 分解調査については, 元の型式検査の試験成績を転用した。



用安全キャブ 及び安全フレーム検査成績表 (乗用型) ١ 農用トラクタ

農業·生物系特定産業 技、術 研・究 機 構

平成16年度

合格番号:204003

ო

型式名: **クボタ KSQ4**

類:安全キャブ 種

所: 大阪府大阪市浪速区數準東1丁目2番 佐頼者名:株式会社 クボタ 住 所:大阪府大阪市漁車 47号

装着可能トラクター

群兵名

クボタ KL43 クボタ KL430

クボタ KL36

クボタ KL360

主要諸元 (最大トラクター) ■型 式 名 ■ 種 (キャブ付き) ■ 類 車 (キャブ付き) ■ 軸 機関出力/回転数 P

. N

: クボタ Kl430 : 4輪駆動 kg: 1685 mm: 1910 : kW{PS}/rpm: 31.6(43)/2800

構造の概要 Ħ

1. 構造及び装着法

供款キャブは、鋼管及び鋼板を主材とした溶接による一体構造であり、防板ゴム・取付金具を介して、クラッチハウジング部及び後車軸ケース部にボルトで装着。 ウインドスクリーン、ドア (両側)、側窓、後窓を装備。

主な装備 ď

シートベルト (2点式), 暖冷房装置,電動ワイパー (前・後)

- 主要十法 ※ . თ
- 座席基準点から屋根部材(内張下面)までの高さ
 - フートプレートから屋根部材 (内張下面) までの高さ
- ステアリングホイールの中心高さにおける座席基準点上方のキャブの内幅 戸口の幅 ■ 座席基準点上方 76cm の高さにおけるキャブの内幅
 - (上部) (中部)
- (フートプレートから) (年)

90. 5 cm 130. 5 cm 85. 0 cm 91. 5 cm 74. 0 cm 86. 5 cm 32. 0 cm 1122. 5 cm 38. 0 cm 1120. 0 cm 30. 0 cm

- 座席基準点上方 90cm の高さにおける座席基準点からキャブ後部までの水平距離 (キャブ上端まで) (フェンダーを含む) ■ 戸口の高さ■ 最低位ステップの高さ■ キャブ装着時のトラクターの全高
- ※ 1. クボタ KL430(タイヤサイズ : 前輪 8-18 4PR 後輪 13.6-26 4PR)に装着時。
 - 2. トラクターシートの銘柄型式 : しげる工業, T1410-47711
 - 3. ステアリングホイールのチルトは上から3段目に調節。

- 4. 主要材料 注 フ レ ー ム : STKR 400, STKN 11 A, SS 400, SPHC, SPHE, SPCE, SPCC, SPLY 装着ブラケット : SS 400 装 着 ぶ ル ト : S 40~45 C

検査成績

- 強度試験
 水平負荷試験は、キャブの後部右側、側部左側に対して実施。 ■ 基準質量
 - 所要吸収エネンゲー
 - : 1720 kg : 後部負荷 2.77 kJ {282 kgf·m} : 側部負荷 3.50 kJ {357 kgf·m} : 25.30 kN {2580 kgf}
 - 圧壊力

2) 試験後のキャブの永久変位

- 6.5 cm 2 -8.0 cm 2 15.5 cm 1
- 左側 -0.5 cm 左側 0.0 cm 0.0 cm -2.5 cm 7.5 cm cn 左側 cm 左側 cn 後側 2.0 cn 1.5 cm :::::和右右前前後侧侧侧侧侧侧部部部部 ● 後 部 (前方へ)■ 計 部 (後方へ)■ 期 (右宣方へ)■ 上 部 (下方へ)
- 3) 側部負荷試験時のキャブの最大変位と残留変位との差 : 10.0 cm

w ※ 2. 驟

■ 83 dB(A) [クボタ KL430]

※ 7.5km/hに近い速度段で、けん引負荷をかけた時のキャブ内騒音、運転者の耳もと

떒 ţ ≥

本キャブは,既合格機(合格番号 200003)であり,装着トラクター2型式(クボタ KL430, クボタ KL360) の追加にともなって受検したものである。強度試験,分解調査については,元の型式検査の試験応議を転用



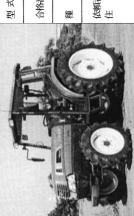
用安全キャ (乗用型) ١

トラクタ

農用

農業·生物系特定産業 七:統 研 究|機 構 平成16年度

及び安全フレーム検査成績表



KSQ50 型式名:**クボタ**

合格番号:204034

類: 安全キャブ

所:大阪府大阪市浪速区敷津東1丁目2番 依頼者名:株式会社 クボタ

装着可能トラクター

整江名

クボタ KL550H

クボタ KL46H

クボタ KL50H クボタ KL500H

クボタ KL460H

2. 主要諸元 (最大トラクター)

■型 式 名 ■種 類 ■質 量 (キャブ付き) ■軸 距 機関出力/回転速度

: クボタ KL550H

4輪駆動

: 40.5 {55} /2700 1835 1940 kg : kW (PS) /rpm

構造の概要

1. 構造及び装着法

供試キャブは、鋼管及び鋼板を主材とした溶接による一体構造であり、防板ゴム・取付金具を介してク ウインドスクリーン,ドア (両側),側窓,後窓を装備 ラッチハウジング部及び後車軸ケース部にボルトで装着。

2. 主な装備

シートベルト (2点式), 暖冷房装置, 電動ワイパー (前・後)

主要寸法

. რ

主要 寸法 ※ ■ 座席基準点から屋根部材 (内張下面) までの高さ

■ ステアリングホイールの中心高さにおける座席基準点上方のキャブの内幅 ■ フートプレートから屋根部材 (内張下面) までの高さ ■ 座席基準点上方90cm の高さにおけるキャブの内幅 ■ 戸口の幅

102. 5 cm 141. 5 cm 84. 0 cm 93. 0 cm 72. 0 cm 87. 0 cm 32. 5 cm 133. 5 cm 50. 5 cm

(中部)

(年年)

(フートプレートから) (キャブ上端まで) ■ キャブ装着時のトラクターの全高 ■ 最低位ステップの高さ ■ 戸口の高さ

■ 座席基準点上方 90cm の高さにおける座席基準点からキャブ後部までの水平距離 (フェンダーを含む)

※1. クボタ KL550H(タイヤサイズ : 前輪8.3-20 4PR 後輪12.4-32 4PR)に装着時。

2. トラクターシートの銘柄型式 : しげる工業, 11410-47711 3. ステアリングホイールのチルトは上から3段目に調節。

検査成績 Ħ

: STKR 400, STKM 11A, SS 400, SPHC, SPCC, SPCE, SPLY

: S 40~45 C : SS 400

■ 主 フ レ ー ム■ 装着ブラケット■ 組立・装着ボルト

主要材料

4

1. 強度試験

キャブの後部右側, 前部左側, 側部左側に対して実施。 量 : 1800 kg ■ 基準質量● 所要吸収エネルギー 1) 水平負荷試験は,

: 後部負荷 1.47 kJ {150 kgf·m} 前部負荷 1.40 kJ {143 kgf·m} 個部負荷 3.15 kJ {321 kgf·m} : 36.00 kN {3671 kgf}

£ 榔 **⊞**

2) 試験後のキャブの永久変位

1.0 cm -2.5 cm 1.5 cm 2 -4.0 cm 2 13.0 сш

左側 -0.5 cm 11.0 cm 後部 右側 2.0 cm 1.5 cm 右側 ::::: 右右前前後 侧侧部部部

3) 側部負荷試験時のキャブの最大変位と残留変位との差 : 10.5 cm

* 畑 2. 騷

■ 82.5 dB(A) [クボタ KL550H]

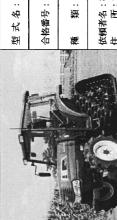
※ 7.5km/h に近い速度段で、けん引負荷をかけた時のキャブ内騒音(運転者の耳もと)

뺩 t \geq

本キャブは、既合格機(合格番号 204004)であり、装着トラクター1型式 (クボタ KL550H) の追加にともなって受検したものである。強度試験、分解調査については、元の型式検査の試験成績を転用した。



ブ (乗用型) 用安全キャ 農用トラクター(乗用型)用 及び安全フレーム検査成績表



KSQ410PC 型 式 名: **力ボ**タ

合格番号:204014

安全キャブ

佐頼者名:株式会社クボタ 住 所:大阪府大阪市浪速区敷津東1丁目 2番47号

装着可能トラクタ

计名 .. 牌 クボタ KL410H-PC

主要諸元(最大トラクター) αi

クボタ KL410H-PC 半装軌式 kW{PS}/rpm : 30.9{42}/2600 1890 kg III

構造の概要 Ħ

供試キャブは、鋼管及び鋼板を主材とした溶接による一体構造であり、防振ゴム・取付金具を介してク ウインドスクリーン,ドア(両側)、側窓、後窓を装備。 ラッチハウジング部及び後車軸ケース部にボルトで装着。 構造及び装着法

2. 主な装備

シートベルト (2点式) ・暖冷房装置,電動ワイパー (前・後)

计键计法 ※ . დ

■ ステアリングホイールの中心高さにおける座席基準点上方のキャブの内幅 ■ フートプレートから屋根部材 (内張下面) までの高さ ■ 座席基準点上力 90cm の高さにおけるキャブの内幅 ■ 座席基準点から屋根部材(内張下面)までの高さ

102.5 142.5

(フートプレートから) (上部)

■ 最低位ステップの高さ

戸口の高さ

84.0 93.5 72.0 86.5 32.0 133.5 48.5 217.5 138.0

座席基準点上方 90cm の高さにおける座席基準点からキャブ後部までの水平距離 (フェンダーを含む) (キャブ上端まで) ■ キャブ装着時のトラクターの全高

※1. クボタ KL410H-PC (タイヤ等サイズ : 前輪8-18 4PR 履構400W×41L×90P) に装着時。

2. トラクターシートの銘柄型式 : しげる工業(株), T1415-477113. ステアリングホイールのチルトは中央位置に置稿。

農業。在物系特定產業 技術雖獨機構

被曲5回指信 電票·出場

SPCE, SPLY 4. 主要材料 ■ 土 フ レ ー ム : STKN 11 A, STKR 400, SS 400, SPHC, SPHE, SPCC, ■ 装着プラケット : SS 400 ■ 組立・装着ポルト : S 40~45 C

検査成績 目

強度試験

キャブの後部右側, 前部左側, 側部左側に対して実施。 量 : 1950 kg 距 : 1890 mm 1) 水平負荷試験は,

■ 基 準 語 正 ■ 野野吸収エネルギー

(後衛負布 1.51 kJ {154 kgf·m} 前部負布 1.48 kJ {151 kgf·m} 皇部負布 3.41 kJ {348 kgf·m} 39.00 kN {3977 kgf}

九 Щ

2) 試験後のキャブの永久変位

-1.0 cm -3.0 cm 14.0 cm 左左後側側部 4.0 cm 19.5 cm 右黴 5.6 右黴 1.6 ::::: 右右前前後 侧侧部部部

左側 3.0 cm 左側 1.5 cm 3) 側部負荷試験時のキャブの最大変位と残留変位との差 :10.0 cm 5.0 cm 1.0 cm

※ 伽 虚

■ 83.5 dB(A) [クボタ KL410H-PC] ä

※ 7. 5km/h に近い速度段で、けん引負荷をかけた時のキャブ内騒音(運転者の耳もと)

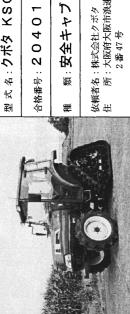
띮 t ₽

強度試験はコードロにより実施した。



J (乗用型) 用安全キャ 農用トラクター(乗用型)用 及び安全フレーム検査成績表

技術研究機構 型式名: 7ボタ



KSQ500PC

Ŋ

類:安全キャブ

依頼者名:株式会社クボタ 住 所:大阪府大阪市浪速区敷津東1丁目 2番47号

装着可能トラクタ

绐 Ħ 二 料 クボタ KL500H-PC

主要諸元(最大トラクター) Ŕ

名類 量 (キャブ付き)

クボタ KL500H-PC

半装軌式

kW(PS)/rpm : 36.8{50}/2700 2000 1920 kg 🗏 距 関出力/回転速度

構造の概要 Ħ

1. 構造及び装着法

供試キャブは、鋼管及び鋼板を主材とした溶接による一体構造であり、防振ゴム・取付金具を介してク ウインドスクリーン, ドア (両側) , 側窓, 後窓を装備。 ラッチハウジング部及び後車軸ケース部にボルトで装着。

2. 主な装備

ツートベルト (2点式) 、暖冷房装置、電動ワイパー (前・後)

主要寸法 ※ . რ

■ フートプレートから屋根部材(内張下面)までの高さ ■ 座席基準点上方 90cm の高さにおけるキャブの内幅 ■ 座席基準点から屋根部材(内張下面)までの高さ

5 5

■ ステアリングホイールの中心高さにおける座席基準点上方のキャブの内幅 (上部)

■ 戸口の幅

(フートプレートから) (田部) 戸口の高さ

102.5 142.0 84.5 93.0 72.0 32.0 133.5 54.5 54.5 30.0

座席基準点上方 90cm の高さにおける座席基準点からキャブ後部までの水平距離 (フェンダーを含む) キャブの全幅

(キャブ上揺また)

■ キャブ装着時のトラクターの全高

■ 最低位ステップの高さ

E .:

※1. クボタ KL500H-PC (タイヤ等サイズ : 約輪8.3-20 4PR 履帯400W×42L×90P) に装着時。

2. トラクターシートの銘柄型式 : しげる工業(株), 71415-477113. ステアリングホイールのテルトは中央位置に関係。

计要材料

= エフ レ ー ム : STRM I1 A, STKR 400, SS 400, SPHC, SPHE, SPCC, SPCE, SPLY ■ 抜着ブラケット : SS 400 ■ 組立・装着ボルト : S 40~45 C

検査成績 Ħ

強度試験

1) 水平負荷討線は、キャブの後部右側、前部左側、側部左側に対して実施。 ■ 基 準 質 量 : 2000 kg ■ 基 準 軸 陌 : 1920 m ■ 所要吸収エネルギー : 後部負荷 1.60 kT [163 kof·m]

: 後部負荷 1.60 kJ {163 kgf·m} 前部負荷 1.50 kJ {153 kgf·m} 側部負荷 3.50 kJ {357 kgf·m} : 40.00 kN {4079 kgf} R 磩

> Щ .

2) 試験後のキャブの永久変位

-2.0 cm 左側左側 4.5 cm 5.5 cm 21.5 cm

3,5 cm 1.0 cm 0.0 cm 15.0 cm 左側左側 後部 右側 5.5 cm 右側 0.5 cm :::::右右右前前後侧側側部部部部部部部部部部部部部部部部部部部部部部部部部部部部部部

3) 側部負荷試験時のキャブの最大変位と残留変位との差 : 10.5 cm

~~ 2. 騷

■ 82.5 dB(A) [クボタ KL500H-PC]

※ 7.5km/h に近い速度段で、けん引負荷をかけた時のキャブ内騒音(運転者の耳もと)

띪 † \geq

強度試験はコードⅡにより実施した。



ブ 4 + ₩ 用安 農用トラクター(乗用型)用 及び安全フレーム検査成績表 トラク



型式名:**クボタ**

合格番号:203011

安全フレーム (2柱式) 類:

所: 人阪府大阪市浪速区敷建東1丁目2番 依頼者名:株式会社 クボタ 住 所:大阪府大阪市浪園

装着可能トラクタ

佑 草

クボタ KL230H クボタ KL210 日立 NTX245 クボタ KL210H クボタ KL25 クボタ KL23

٥.

主要諸元 (最大トラクター) ■型 式 名

クボタ KL25 4輪駆動 : クボタ : 4輪駆 kg : 1150 mm : 1550

kW{PS}/rpm : 18.4{25}/2600

構造の概要

構造及び装着法

供試フレームは、鋼管及び鋼板を主材としたボルト締めによる組立構造の2柱式であり、防板ゴム・取付金具を介してクラッチハウジング部、ブレーキケース部及び後車軸ケース部にボルトで装着。 なお、格納等のためにフレーム上部を折曲げることができる。

主な装備

ツートベルト (2点式)

- 主要寸法 . ღ
- フートプレートから屋根部材(下画)までの高さ ■ 座席基準点から屋根部材 (下面)までの高さ

88.0 cm 131.0 cm 97.0 cm

- ステアリングホイールの中心高さにおける座席基準点上方のフレームの内幅 ■座席基準点上方76cmの高さにおけるフレームの内幅
 - ■戸口の幅

(上部) (中部) (足)

■ 戸口の南さ

(フートプレートから)

- cm - cm - cm - cm 41.0 cm 119.0 cm 31.5 cm

- 最低位ステップの高さ
- フレーム装着時のトラクターの全高 (屋根部材上面まで)
 - レフームの全幅
- 座席基準点上方 76cm の高さにおける座席基準点からフレーム後部までの水平距離
- ※1. クボタ KL25 (タイヤサイズ : 前輪 6-14 後輪 9.5-24) に装着時。
 - 2. トラクターシートの銘柄型式 : しげる工業, T1060-4770
 - 3. ステアリングホイールのチルトは上から3段目に鑑飾。

主要材料

西海滨湖湖

半年

- 主 フ レ ー ム : STK 400, STKR 400, SS 400, SPHC, SPHE, SPCE, SPCC, SPLY 装着プラケット : SS 400 ■組立・装着ボルト : S 40~45 C, SCD 400-D

検査成績 目

強度試験

- 1) 水平負荷討線は、フレームの後硝右側、側部右側に対して実施。 基 箱 質 量 : 1170 kg 所要吸収コネルギー : 後部負荷 1.88 k1 [192 bef·m]
 - : 1170 kg : 後部負荷 1.88 kJ {192 kgf·m} 側部負荷 2.74 kJ {280 kgf·m}
 - : 17.21 kN {1755 kgf} Ŧ. 趣 **H**
 - - 2) 試験後のフレームの永久変位
- 左側 左側 : 右側 18.0 cm : 20.0 cm : 右側 6.0 cm 部 (右側方へ) ●後部(前方へ)● 部(右側方へ)●上部(下方へ) 部(下方へ)

2.5 cm 15.0 cm

- 3) 側部負荷試験時のフレームの最大変位と残留変位との差 : 12.0 cm

クボタ KL230 クボタ KL21

騒 音 ※ ■ 86 dB(A) [クボタ KL25]

※ 7.5km/hに近い速度段で、けん引負荷をかけた時のフレーム内騒音(運転者の耳もと)

닖 ţ ≥

本フレームは, 既合格機(合格番号 201007)であり, 装着トラクター4型式(クボタ KL230H、クボタ KL230)、 クボタ KL210H、クボタ KL210)の追加にともなって受検したものである。強度試験,分解調査については, 元の型式検査の試験成績を転用した。



型式名: クボタ KS Temes 音記 合格番号:203012 T 全キャ 用安 農用トラクター(乗用型)用 及び安全フレーム検査成績表

安全フレーム (2柱式) 類:

凲

所: 大阪府大阪市浪速区敷津東1丁目2番 依頼者名:株式会社 クボタ 47 号 \mathbb{H}

装着可能トラクタ

佑 1. 型 1. クボタ KL250 クボタ KL250H

ς.

クボタ KL250H

・ カボタ KL250H : 4 精調到 kg : 1200 mm : 1590 kW{PS}/rpm : 18.4{25}/2600

構造の概要

構造及び装着法

供試フレームは、鋼管及び鋼板を主材としたボルト絡めによる組立構造の2柱式であり、防板ゴム・取付金具を介してクラッチハウジンが部、プレーキケース部及び後車軸ケース部にボルトで装着。 なお、格納等のためにフレーム上部を折曲げることができる。

主な装備 .

ツートベルト (2点式)

主要寸法 ※ . თ

■ 座席基準点から屋根部材 (下面) までの高さ

▼フートブレートから屋根部材(下面)までの高き
 歴席基準点上方76cmの高さにおけるフレームの内幅
 ステアリングホイールの中心高さにおける座席基準点上方のフレームの内幅
 ■ 戸口の幅
 (上部)

87.5 cm 130.0 cm 98.0 cm — cm — cm — cm — cm 41.0 cm

(フートブレートから) (上等) (千等) ■最低位ステップの高さ ■ 戸口の恵み

■ 座席基準点上方 76cm の高さにおける座席基準点からフレーム後部までの水平距離 (フェンダーを含む) ■ファーオの全幅

(屋根部材上面まで)

■ フレーム装着時のトラクターの全高

198.0 cm 119.0 cm 33.5 cm

※1.クボタ KL250H(タイヤサイズ : 前輪 7-14 4PR 後輪 11.2-24 4PR)に装着時

トラクターシートの銘柄型式 : しげる工業、T1270-47711
 ステアリングホイールのチルトは上から3段目に調節。

SPHC, SPHE, SPCE, SPCC, SPLY, SPMY 主要材料 ■ 主 フ レ ー ム : STK 400, STKR 400, SS 400, ■ 装着ブラケット : SS 400 ■ 組立・装着ポルト : S 40~45 C, SCD 400-D

検査成績 目

強度試験

フレームの後部右側,側部左側に対して実施。 量 : 1200 kg 小平負荷試験は、
 基準質

: 1200 kg : 後部負荷 1.93 kJ {197 kgf·m} 側部負荷 2.78 kJ {283 kgf·m} ■ 所要吸収エネルギー

: 17.64 kN {1799 kgf} Ł 礟 **■**

2) 試験後のフレームの永久変位

左側 : 右側 17.5 cm : 20.0 cm 5.0 cm : 右側 ●後部(前方へ)● 随部(右側方へ)■上部(下方へ)

0.0 cm

Cm 3) 側部負荷試験時のフレームの最大変位と残留変位との差 : 13.0

 職
 音 ※

 ■ 85.5 dB(A)
 [クボタ KL250H]

※ 7.5km/hに近い速度段で、けん引負荷をかれた時のフレーム内騒音(運転者の耳もと)

띪 to \geq

本フレームは任意鑑定受験機(平14任鑑19号,コード皿)であり,強度試験,分解調査については, 意鑑定の試験成績を転用した。

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記事が、無量

用安全キャ 及び安全フレーム検査成績表 (乗用型) 1 74 iD _ 農用

平城住牟東 က ブ

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က ш ഗ \mathbf{Y} 型式名: 夕ボタ

安全フレーム (2柱式) 205023 合格番号: 類:

所:大阪府大阪市浪速区敷津東1丁目 依頼者名:株式会社 クボタ \oplus 種

2番47号

装着可能トラクター

竹 Ħ --融 クボタ KL33 クボタ KL30 クボタ KL300D クボタ KL330 クボタ KL270 クボタ KL330D クボタ KL300

クボタ L330D クボタ KL27

> ※タボタ KL27 については、大径タイヤ仕様(タイヤサイズ:前輪 7-16 後輪 12.4-24)のみ装着可能。 クボタ KL270H

主要諸元 (最大トラクター) ر ا

クボタ KL330D 4輪駆動 1320 kg : ■質 量 (フレーム付き)

kW{PS}/rpm : 24.3{33}/2800 .. uu ■軸 ■機関出力/回転速度

構造の概要

構造及び装着法 供試フレームは、鋼管及び鋼板を主材としたボルト締めによる組立構造であり、防板ゴム・取付金具を 介してクラッチハウジング部、ブレーキケース部及び後車軸ケース部にボルトで装着。 格納等のためにフレーム上部を折曲げることができる。

主な装備 α.

ツートベルト (2点式)

■ 座席基準点から屋根部材 (下面) までの高さ 3. 主要寸法

■ 座席基準点上方 76cm の高さにおけるフレームの内幅 フートプレートから屋根部材 (下面) までの高さ

87.0 cm 129.5 cm 97.5 cm 94.5 cm

mo_ CH L-CIII 42.0 cm

198.0 cm

119.0 cm 34.0 cm

-cm

■ ステアリングホイールの中心高さにおける座席基準点上方のフレームの内幅 ■ 戸口の幅

(フートプレートから)

(屋根部材上面まで) (フェンダーを含む) ■ フレーム装着時のトラクターの全高 ■ 最低位ステップの高さ ファームの全幅

戸口の高さ

座席基準点上方 76cm の高さにおける座席基準点からフレーム後部までの水平距離 ※ 1. クボタ KL330D(タイヤサイズ : 前輪 8-16 4PR 後輪 13.6-24 4PR)に装着時。

2. トラクターシートの銘柄型式 : しげる工業機, T1270-47711

3. ステアリングホイールのチルトは中央位置に調節。

: STK 400, STKR 400, SS 400, SPHC, SPHE, SPCE, SPCC, SPLY STK 400, SS 400 : S 40~45 C, SGD 400 D

検査成績 目

1. 強度試験

1) 水平負荷試験は、フレームの後部右側、側部左側に対して実施。■ 基 準 質 量 : 1330 kg

: 1330 kg : 後部負荷 2.14 kJ{218 kgf·m} 側部負荷 2.96 kJ{302 kgf·m} : 19.56 kN {1995 kgf} 4 ■ 所要吸収エネルギー 榔

H

2) 試験後のファームの永久変位

13.5 cm 左側 左側 5.5 cm : 18.0 cm :右側 : 右側 ●後部(前方へ)●側部(右側方へ)■上部(下方へ)

12.0 cm 1.5 cm 3) 側部負荷試験時のフレームの最大変位と残留変位との差 : 12.5 cm

* 盟

■ 87.5 dB(A) [クボタ KL330D]

※ 7.5km/h に近い速度段で、けん引負荷をかけた時のフレーム内騒音(運転者の耳もと)

딞 付 ≥

クボタ KL300D)の追加にともなって受検したものである。強度試験については,元の型式検査の試験成績 本フレームは, 既合格機 (合格番号 203013) であり, 装着トラクター 3 型式 (クボタ K1,330D, クボタ L330D)

但划账 唱鑑基

T 用安全キャ 及び安全フレーム検査成績表 田型) (無 トラクタ Щ 丰

KS SY 型式名:**クボタ** 合格番号:203014

類:安全フレーム (2柱式) Щ

所: 大阪府大阪市浪速区敷津東1丁目2番 依頼者名:株式会社 クボタ #

: STKR 400, STK 400, SS 400, SPHC, SPHE, SPCC, SPCE, SPLY : SS 400 主要材料 ■ ± フ レ ー ム : ■ 装 着 ブラケット : ■ 組立・装着ボルト :

: S 40~45 C, SGD 400-D

検査成績 目

強度試験

1) 水平負荷討線は、フレームの後部右側。側部右側に対して実施。 ■ 基 箱 質 量 : 1370 kg ■ 所要吸収コネルギー : 後船負指 ? 91 kT [995 b.mf.--1

: 1370 kg : 後部負荷 2.21 kJ {225 kgf·m} 個部負荷 3.02 kJ {308 kgf·m} : 20.15 kN {2055 kgf}

Ŧ. 轍 Ш

2) 試験後のファームの永久変位

: 右側

9.0 cm 0.0 cm

左側 左側 9.5 cm : 右側 3.5 cm : 14.0 cm ●後部(前方へ)● 部(右側方へ)上 部(下方へ) 3) 側部負荷試験時のフレームの最大変位と残留変位との差 : 8.5

CIII

~ 2. 騷

■ 86 dB(A) [クボタ KL340H]

※ 7. 5km/h に近い速度段で、けん引負荷をかけた時のフレーム内騒音(運転者の耳もと)

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本フレームは,既合格機(合格番号 99077)であり,装着トラクター3型式(クボタ K1340H, クボタ K1310H, クボタ KL280H) の追加にともなって受倹したものである。強度試験,分解調査については,元の型式検査 の試験成績を極用した。

装着可能トラクタ

クボタ KL340H 竹 军

クボタ KL280H

クボタ KL34H

クボタ KL310H

クボタ KL31H

主要諸元 (最大トラクター) 式 名 類 量 (フレーム付き) 型種質軸

ر ا

クボタ KL340H 4輪駆動

1360 1745

kW{PS}/rpm : 25.0{34}/2700 kg : ■軸 ■機関出力/回転速度

構造の概要

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構造及び装着法 供試フレームは、鋼管及び鋼板を主材としたボルト締めによる組立構造の2柱式であり、防板ゴム・取付金具を介してクラッチハウジング部、ブレーキケース部及び後車軸ケース部にボルトで装着。 なお、格納等のためにフレーム上部を折曲げることができる。

ツートベルト (2点式)

主な装備

α.

■ フートプレートから屋根部材 (下面) までの高さ ■ 座席基準点から屋根部材(下面)までの高さ 主要寸法 ※ . ღ

■ ステアリングホイールの中心高さにおける座席基準点上方のフレームの内幅 ■ 座席基準点上方 76cm の高さにおけるフレームの内幅

87.0 cm 130.0 cm 97.5 cm — cm — cm — cm — cm — cm 41.5 cm

(世報) ■の□□■

■最低位ステップの高さ ■ 戸口の高さ

(フートプレートから)

(紀)

■ 座席基準点上方 76cm の高さにおける座席基準点からフレーム後部までの水平距離 (屋根部材上面まで) (フェンダーを含む) ■ フレーム装着時のトラクターの全高 ■ファームの分幅

119.0 cm 33.0 cm

198.0 cm

※1. クボタ KL340H(タイヤサイズ : 前輪 8-16 4PR 後輪 13.6-24 4PR)に装着時。

トラクターシートの銘柄型式 : しげる工業, T1270-47711
 ステアリングホイールのチルトは上から3段目に講覧。



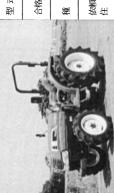


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及び安全フレーム検査成績表 農用



KSF41 型式名:**クボタ**

瀬:安全フレーム(2柱式) 合格番号:204005

佐頼者名:株式会社 クボタ 住 所:大阪府大阪市池速区敷津東1丁目2番 47号

装着可能トラクター

华 Ħ 軐

クボタ KL41H クボタ KL410H

クボタ KL380H

クボタ KL38H

ď.

クボタ KL410H 4輪駆動 1535 ж : 主要諸元 (最大トラクター) ■型 式 A ■型 電 (フレーム付き) ■軸 軸

mm : 1890 kW{PS}/rpm : 30.9{42}/2600 ■軸 ■機関出力/回転速度

構造の概要 Ħ

構造及び装着法

供試フレームは、鋼管及び鋼板を主材としたボルト締めによる組立構造の2柱式であり、防振ゴム・取 付金具を介して後車軸ケース部及びクラッチハウジング部にボルトで装着。 なお,格納等のためにフレーム上部を折曲げることができる。

主な装備 .

ツートベルト (2点式)

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■ フートプレートから屋根部材 (下面) までの高さ ■ 座席基準点から屋根部材(下面)までの高さ

■ ステアリングホイールの中心高さにおける座席基準点上方のフレームの内幅 ■ 座席基準点上方 90cm の高さにおけるフレームの内幅

■戸□の幅

117.5 cm 97.5 cm 97.5 cm — cm — cm — cm — cm 47.5 cm 232.5 cm 33.5 cm

■ 最低位ステップの高さ ■ 戸口の過み

(フートプレートから)

(年部) (年年) (上部)

(屋根部材上面まで) ■ フレーム装着時のトラクターの全高

■ フレームの全幅 ■ 距席基準点上方 90cm の高さにおける座席基準点からフレーム後部までの水平距離

※1. クボタ KL410H (タイヤサイズ : 前輪 8-18 4PR 後輪13.6-26 4PR) に装着時。

検査成績

SPCE SPLY, SPCC, SPHC, SPHE, : STKR 400, STK 400, SS 400, : SS 400 : SGD 400-D, S 40∼45 C ・ 主要材料 ■ 士 フ レ ー ム ■ 装 着 ブラケット ■ 組立・装着パルト

目

フレームの後部右側,前部左側、側部左側に対して実施。 量 : 1530 kg 1) 水平負荷試験は、フレート基準質量所要吸収エネルギー 1. 強度試験

(1530 kg - 後部負荷 1.18 kJ (121 kgf·m) - 前部負荷 1.27 kJ (129 kgf·m) - 個部負荷 2.68 kJ (273 kgf·m) - 30.60kN (3120 kgf)

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左側 : 右側 0.0 cm : 16.0 cm 2) 試験後のフレームの永久変位 ■後部(前カヘ) ■側部(右側カヘ) ■上部(下カヘ)

-2.5 cm -1.0 cm

左側

2.0 cm

:右側

3) 側部負荷試験時のフレームの最大変位と残留変位との差 : 10.5 cm

■ 87.5 dB(A) [クボタ KL410H] ~~ 쨃 . دا

※ 7. 5km/h に近い速度段で、けん引負荷をかけた時のフレーム内騒音、運転者の耳もと

낊 ţ ≥

本フレームは、既合格機(合格番号 200004)であり、装着トラクター2型式(クボタ KL410H, クボタKL380H) の追加にともなって受検したものである。強度試験、分解調査については、元の型式検査の試験成