

Product: Kubota M100GX M110GX M126GX M128GX M128GX-FS M135GX M135GX-FS Service Manual
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WSM

WORKSHOP MANUAL
TRACTOR

**M100GX, M110GX, M126GX,
M128GX, M128GX-FS,
M135GX, M135GX-FS**

Kubota

KiSC issued 01, 2022 A

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TO THE READER

This Workshop Manual tells the servicing personnel about the mechanism, servicing and maintenance of the M100GX, M110GX, M126GX, M128GX, M128GX-FS, M135GX and M135GX-FS. It contains 4 parts: "**Information**", "**General**", "**Mechanism**" and "**Servicing**".

■ **Information**

This section primarily contains information below.

- Safety First
- Safety Decal
- Specification
- Dimension

■ **General**

This section primarily contains information below.

- Engine Identification
- Model Identification
- General Precautions
- Maintenance Check List
- Check and Maintenance
- Special Tools

■ **Mechanism**

This section contains information on the structure and the function of the unit. Before you continue with the subsequent sections, make sure that you read this section.

Refer to the latest version of Workshop Manual (Code No. 9Y021-01870 / 9Y021-18200) for the diesel engine / tractor mechanism that this workshop manual does not include.

■ **Servicing**

This section primarily contains information below.

- Troubleshooting
- Servicing Specifications
- Tightening Torques
- Checking, Disassembling and Servicing

Regarding the servicing of Common Rail System (CRS), refer to "DIAGNOSIS MANUAL" (9Y120-01920, 9Y120-01860).

Regarding the servicing of Diesel Particulate Filter (DPF), refer to "DIESEL PARTICULATE FILTER HANDLING MANUAL" (9Y121-08130).

All illustrations, photographs and specifications contained in this manual are of the newest information available at the time of publication.

KUBOTA reserves the right to change all information at any time without notice.

Since this manual includes many models, information or illustrations and photographs can show more than one model.

August 2012

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Record of Revisions

For pdf, use search function {Search word} to find all the revised locations.

| Last digit of the Code No. | Month of Revision | Main Revised Point and Corrective Measures {Search word} | Reference Page |
|----------------------------|-------------------|--|---|
| 9Y121-20440 | 2018.05 | The code number of this WSM has been changed from 9Y121-06849 to 9Y121-20440. | - |
| | | Missed information was added. <ul style="list-style-type: none"> • The "4WD/BI-SPEED clutch" table was added. | 2-S74 |
| 1 | 2018.10 | Additional information <ul style="list-style-type: none"> • Tightening torques for the fan belt adjusting screw and adjusting screw lock nut were changed. | G-38, G-86, 1-S83, 1-S98 |
| 2 | 2020.03 | Additional information <ul style="list-style-type: none"> • Tightening torques for the cylinder head mounting screw and rocker arm bracket mounting screw and nut were changed. Corrected information <ul style="list-style-type: none"> • Instruction for "Calibration of solenoid proportional pressure reducing valve (Master, Main shift L and H)" is corrected. | 1-S83, 1-S115, 1-S116, 1-S134 8-S44, 8-S46, 8-S48 |
| 3 | 2022.01 | Update of Air-conditioner belt tension | G-19, G-37 to G-39, G-67, G-85 to G-87, 1-S5, 1-S25, 1-S78, 1-S88, 1-S98, 9-S7, 9-S51 |
| | | Additional, deleted and changed information <ul style="list-style-type: none"> • Minor correction about cylinder head gasket shape. • Brake system bleeding method is changed. • Relief valve assembly topic is deleted because this assy isn't permitted to disassemble. | 1-S117 4-S6 6-S7 |

I INFORMATION

INFORMATION

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1. SAFETY FIRST

SAFETY FIRST

- This symbol, the industry's "Safety Alert Symbol", is used throughout this manual and on labels on the machine itself to warn of the possibility of personal injury. Read these instructions carefully.
- It is essential that you read the instructions and safety regulations before you try to repair or use this unit.

DANGER

- Indicates an imminently hazardous situation which, if not avoided, will result in death or serious injury.

WARNING

- Indicates a potentially hazardous situation which, if not avoided, could result in death or serious injury.

CAUTION

- Indicates a potentially hazardous situation which, if not avoided, could result in minor or moderate injury.

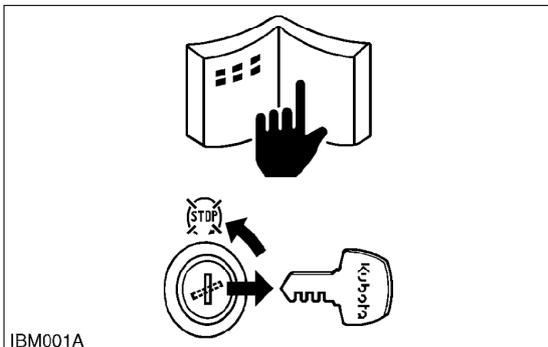
■ IMPORTANT

- Indicates that equipment or property damage could result if instructions are not followed.

■ NOTE

- Gives helpful information.

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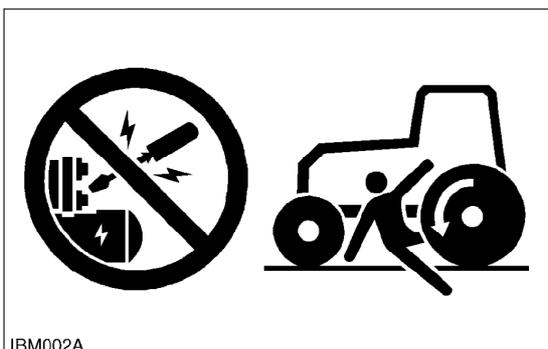


IBM001A

BEFORE YOU START SERVICE

- Read all instructions and safety instructions in this manual and on your machine safety decals.
- Clean the work area and machine.
- Park the machine on a stable and level ground, and set the parking brake.
- Lower the implement to the ground.
- Stop the engine, then remove the key.
- Disconnect the battery negative cable.
- Hang a "DO NOT OPERATE" tag in the operator station.

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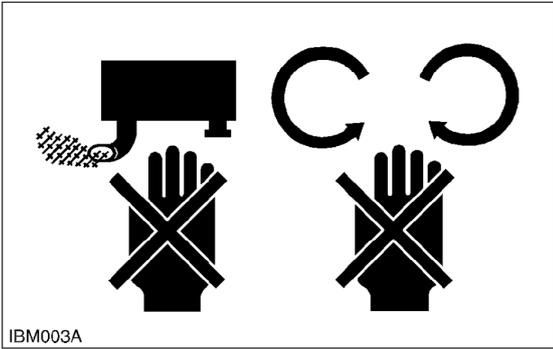


IBM002A

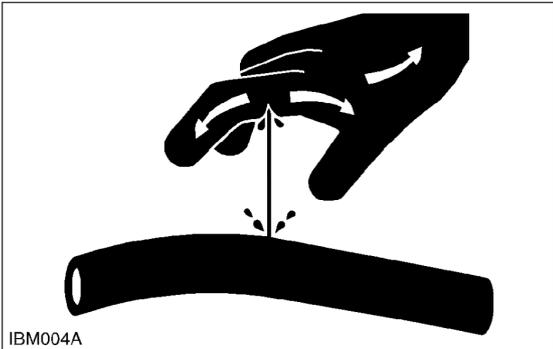
START SAFELY

- Do not do the procedures below when you start the engine.
 - short across starter terminals
 - bypass the safety start switch
- Do not alter or remove any part of machine safety system.
- Before you start the engine, make sure that all shift levers are in neutral positions or in disengaged positions.
- Do not start the engine when you stay on the ground. Start the engine only from operator's seat.

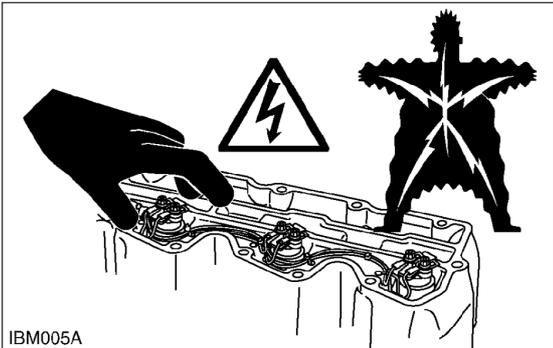
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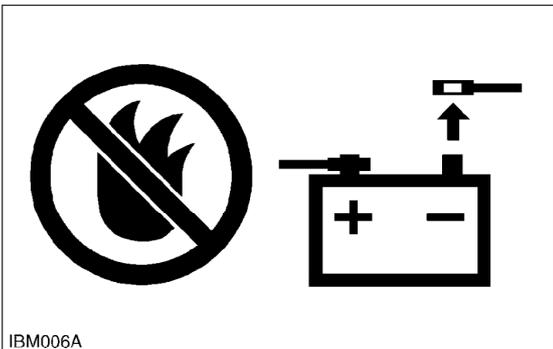
IBM003A



IBM004A



IBM005A



IBM006A

OPERATE SAFELY

- Do not use the machine after you consume alcohol or medication or when you are tired.
- Put on applicable clothing and safety equipment.
- Use applicable tools only. Do not use alternative tools or parts.
- When 2 or more persons do servicing, make sure that you do it safely.
- Do not operate below the machine that only a jack holds. Always use a safety stand to hold the machine.
- Do not touch the hot parts or parts that turn when the engine operates.
- Do not remove the radiator cap when the engine operates, or immediately after it stops. If not, hot water can spout out from the radiator. Only remove the radiator cap when it is at a sufficiently low temperature to touch with bare hands. Slowly loosen the cap to release the pressure before you remove it fully.
- Released fluid (fuel or hydraulic oil) under pressure can cause damage to the skin and cause serious injury. Release the pressure before you disconnect hydraulic or fuel lines. Tighten all connections before you apply the pressure.
- Do not open a fuel system under high pressure. The fluid under high pressure that stays in fuel lines can cause serious injury. Do not disconnect or repair the fuel lines, sensors, or any other components between the fuel pump and injectors on engines with a common rail fuel system under high pressure.
- Put on an applicable ear protective device (earmuffs or earplugs) to prevent injury against loud noises.
- Be careful about electric shock. The engine generates a high voltage of more than DC100 V in the ECU and is applied to the injector.

WSM000001INI0012US0

PREVENT A FIRE

- Fuel is very flammable and explosive under some conditions. Do not smoke or let flames or sparks in your work area.
- To prevent sparks from an accidental short circuit, always disconnect the battery negative cable first and connect it last.
- The battery gas can cause an explosion. Keep the sparks and open flame away from the top of battery, especially when you charge the battery.
- Make sure that you do not spill fuel on the engine.

WSM000001INI0005US0



IBM007A

KEEP A GOOD AIRFLOW IN THE WORK AREA

- If the engine is in operation, make sure that the area has good airflow. Do not operate the engine in a closed area. The exhaust gas contains poisonous carbon monoxide.

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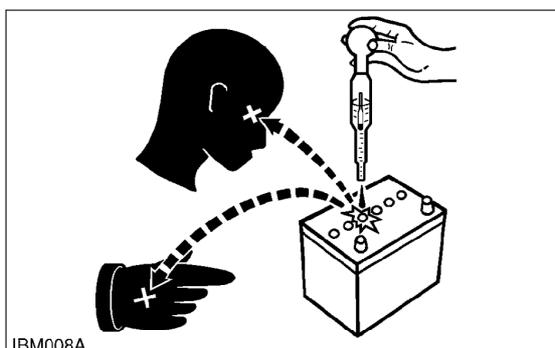


IBM009A

DISCARD FLUIDS CORRECTLY

- Do not discard fluids on the ground, down the drain, into a stream, pond, or lake. Obey related environmental protection regulations when you discard oil, fuel, coolant, electrolyte and other dangerous waste.

WSM000001INI0007US0



IBM008A

PREVENT ACID BURNS

- Keep electrolyte away from your eyes, hands and clothing. Sulfuric acid in battery electrolyte is poisonous and it can burn your skin and clothing and cause blindness. If you spill electrolyte on yourself, clean yourself with water, and get medical aid immediately.

WSM000001INI0008US0



IBM010A

PREPARE FOR EMERGENCIES

- Keep a first aid kit and fire extinguisher ready at all times.
- Keep the emergency contact telephone numbers near your telephone at all times.

WSM000001INI0009US0

2. SAFETY DECALS

[1] DANGER, WARNING AND CAUTION LABELS

(1) For North America Model

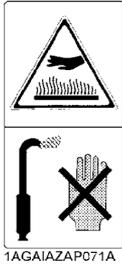
The following safety decals are installed on the machine. If a decal becomes damaged, illegible or is not on the machine, replace it. The decal part number is listed in the parts list.

WSM000001INI0013US0

- (1) Part No. TA040-4957-1
Do not get your hands close to engine fan and fan belt.



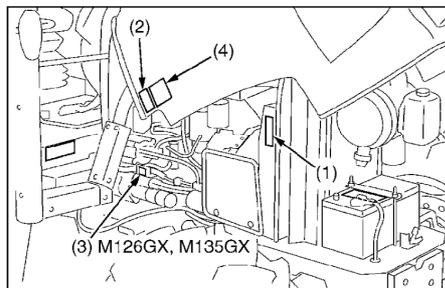
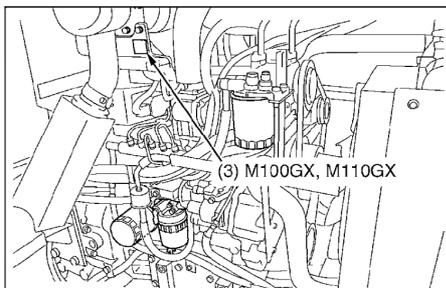
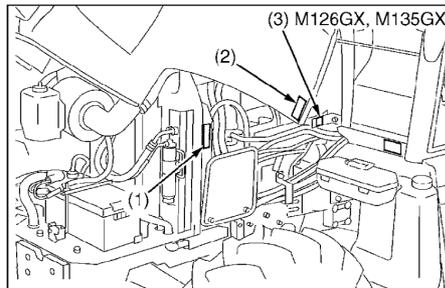
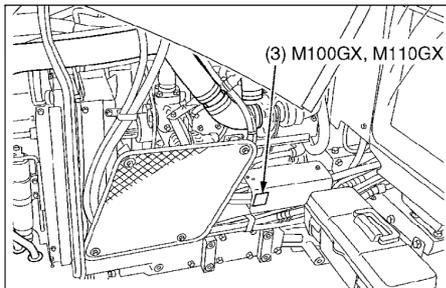
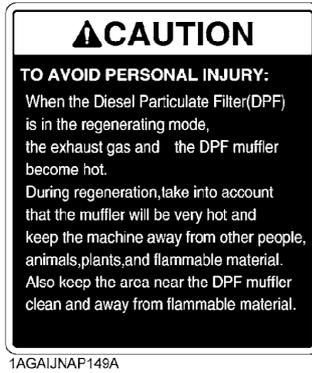
- (2) Part No. 3N300-4958-1
Do not touch hot surface like muffler, etc.



- (3) Part No. 3N600-4958-1
Do not touch hot surface like supply pump, etc.



- (4) Part No. 3Y205-9868-1



9Y1210684ICI001US

9Y1210684INI0001US0

(1) Part No. 3Y205-9835-1



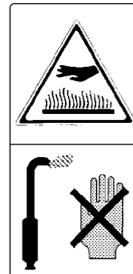

DANGER

TO AVOID POSSIBLE INJURY OR DEATH FROM A MACHINE RUNAWAY.

1. Do not start engine by shorting across starter terminals or bypassing the safety start switch. Machine may start in gear and move if normal starting circuitry is bypassed.
2. Start engine only from operator's seat with transmission and PTO OFF. Never start engine while standing on the ground.

1AGAIJNAP153A

(3) Part No. 32310-4958-1
Do not touch hot surface like muffler, etc.



1AGAIAZAP071A

(2) Part No. TC420-4956-1

Diesel fuel only

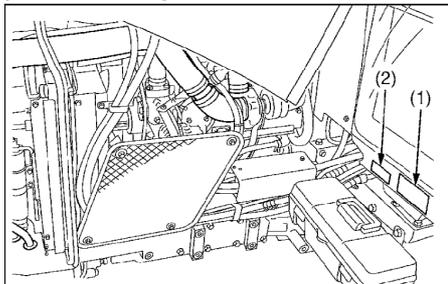
No fire



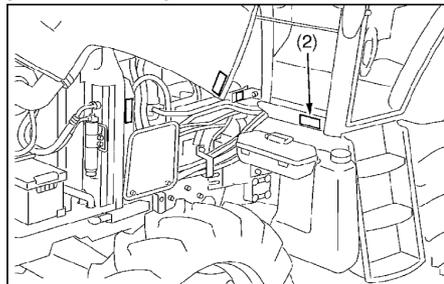

ULTRA LOW SULFUR DIESEL FUEL ONLY

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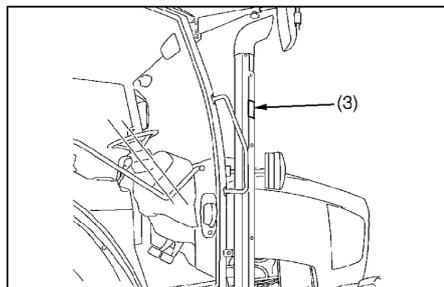
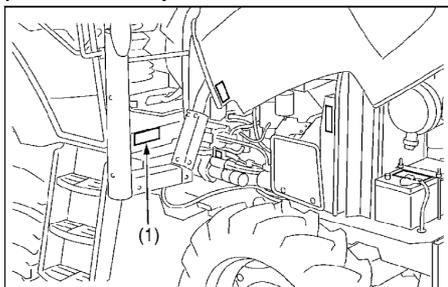
[M100GX, M110GX]



[M126GX, M135GX]



[M126GX, M135GX]



9Y1210684IC1002US

9Y1210684INI0002US0

(1) Part No. 3F240-9836-2

CAUTION

TO AVOID PERSONAL INJURY:

1. Read and understand the operator's manual before operation.
2. Before starting the engine, make sure that everyone is at a safe distance from tractor and the PTO is off.
3. Do not allow passengers on the tractor at any time.
4. Before allowing other people to use the tractor, have them read the operator's manual.
5. Check the tightness of nuts and bolts regularly.
6. Keep all shields in place and stay away from all moving parts.
7. Lock the two brake pedals together before driving on the road.
8. Slow down for turns, or rough roads, or when applying individual brakes.
9. On public roads use SMV emblem and hazard lights, if required by local traffic and safety regulations.
10. Pull only from the drawbar.
11. Before dismounting, lower the implement to the ground, set the parking brake, stop the engine and remove the key.
12. Securely support tractor and implements before working underneath.

1AGAICHAP113A

(2) Part No. 3Y205-9832-2

WARNING



BEFORE DISMOUNTING TRACTOR:

1. **ALWAYS SET PARKING BRAKE.**
Leaving transmission in gear with the engine stopped will not prevent tractor from rolling.
2. **PARK ON LEVEL GROUND WHENEVER POSSIBLE.**
If parking on a slope, position tractor across the slope.
3. **LOWER ALL IMPLEMENTS TO THE GROUND.**
Failure to comply to this warning may allow the wheels to slip, and could cause injury or death.
4. **STOP THE ENGINE.**

1AGAIJNAP151A

(3) Part No. 3Y205-9831-1

WARNING

TO AVOID FREE WHEELING WHEN SHIFTING THE SHUTTLE LEVER WHILE ON A SLOPE:

Stop completely by using the brake and by depressing the clutch pedal. Start off after selecting shuttle direction by releasing the clutch pedal.

WARNING



TO AVOID INJURY OR DEATH FROM ROLL-OVER:

Always use seat belt when driving.

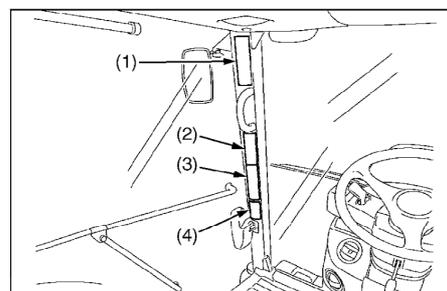
1AGAIJNAP150A

(4) Part No. 3Y205-9778-1 [If optional instructional seat is installed]

CAUTION

- Instructional seat is provided only for training and instructing operators or diagnosing machine problems.
- It is not intended to carry children nor any other person for any other purpose.
- Always wear your seat belt and stabilize your body by holding the handrail on the CAB frame.
- Use caution to avoid the risks of obstructing operator's view, falling from the machine and interfering with controls.

1AGAIJNAP157A



9Y1210684IC1003US

9Y1210684INI0003USO

(1) Part No. 3Y565-9855-1 [Front suspension type]

⚠ CAUTION
TO AVOID PERSONAL INJURY:
 Before operating the switches for the front suspension, make sure the area near the machine is clear of all persons and objects.

1AGAIJNAP154A

(3) Part No. 3F240-4966-1

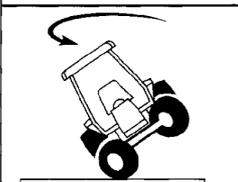
⚠ CAUTION
USE [UP-DOWN] ONLY ON FARM FIELDS. FOR ALL OTHER APPLICATIONS, USE HYDRAULIC LEVER TO MOVE ATTACHMENT.

1AGAIBIAP1800

(2) Part No. 3Y205-9833-1

⚠ WARNING
TO AVOID MACHINE RUNAWAY DUE TO 4WD BRAKING SYSTEM:
 Do not run engine with only rear wheels off ground.

⚠ WARNING



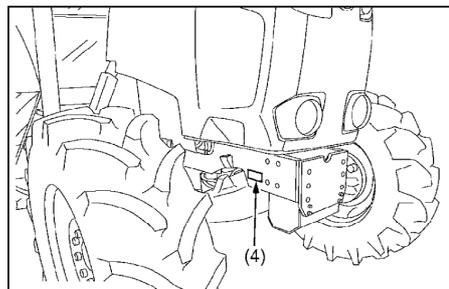
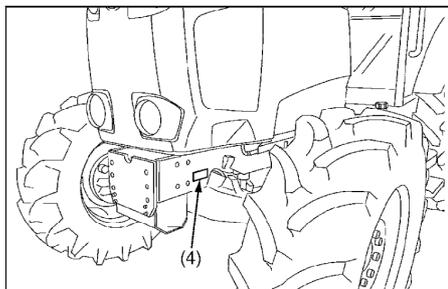
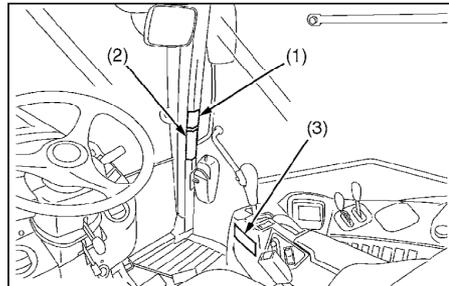
TO AVOID PERSONAL INJURY:
 Use "Bi-Speed Turn" only in low gears and slow speed. Do not use "Bi-Speed Turn" in high gears or road speed.

1AGAIJNAP152A

(4) Part No. 3T565-9859-2 [Front suspension type]

⚠ CAUTION
TO AVOID PERSONAL INJURY:
 Servicing of front suspension hydraulic system should be performed only by authorized Kubota dealer.

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9Y1210684IC1004US

9Y1210684INI0004US0

(1) Part No. 3Y205-9892-1

| | | | |
|--|--|--|---|
| ⚠ DANGER/POISON | | | 105E41R 12V AMP. HR (5HR) 80 AMP. HR (20HR) 100 RESERVE CAPACITY (MIN) 160 BCI CCA 900 EN CCA 800 S.O.C INDICATOR <input type="checkbox"/> ON <input type="checkbox"/> CHARGE BATTERY <input type="checkbox"/> REPLACE BATTERY |
| SHIELD EYES. EXPLOSIVE GASES CAN CAUSE BLINDNESS OR INJURY. NO SPARKS • FLAMES • SMOKING | SULFURIC ACID CAN CAUSE BLINDNESS OR SEVERE BURNS. | KEEP OUT OF REACH OF CHILDREN. DO NOT TIP. DO NOT OPEN BATTERY. FLUSH EYES IMMEDIATELY WITH WATER. GET MEDICAL HELP FAST. | |
| PROPOSITION 65 WARNING BATTERY POSTS, TERMINALS, AND RELATED ACCESSORIES CONTAIN LEAD AND LEAD COMPOUNDS, CHEMICALS KNOWN TO THE STATE OF CALIFORNIA TO CAUSE CANCER AND REPRODUCTIVE HARM. WASH HANDS AFTER HANDLING. | | | |
| BATTERY POSTS, TERMINALS, AND RELATED ACCESSORIES CONTAIN LEAD AND LEAD COMPOUNDS, CHEMICALS KNOWN TO THE STATE OF CALIFORNIA TO CAUSE CANCER AND REPRODUCTIVE HARM. WASH HANDS AFTER HANDLING. | | | |

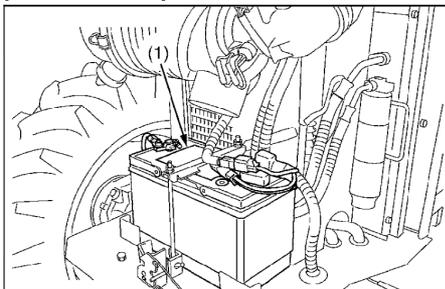
1AGAUJAP083A

(2) Part No. 3P903-9892-3

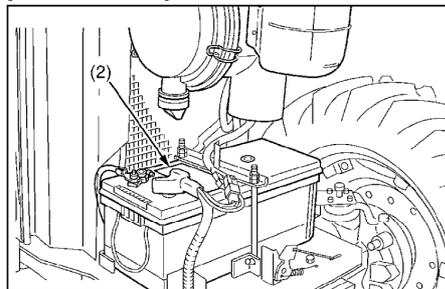
| | | | |
|--|--|--|--|
| ⚠ DANGER / POISON | | | |
| SHIELD EYES. EXPLOSIVE GASES CAN CAUSE BLINDNESS OR INJURY. NO SPARKS • FLAMES • SMOKING | SULFURIC ACID CAN CAUSE BLINDNESS OR SEVERE BURNS. | KEEP OUT OF REACH OF CHILDREN. DO NOT TIP. DO NOT OPEN BATTERY. FLUSH EYES IMMEDIATELY WITH WATER. GET MEDICAL HELP FAST. | |
| PROPOSITION 65 WARNING BATTERY POSTS, TERMINALS, AND RELATED ACCESSORIES CONTAIN LEAD AND LEAD COMPOUNDS, CHEMICALS KNOWN TO THE STATE OF CALIFORNIA TO CAUSE CANCER AND REPRODUCTIVE HARM. WASH HANDS AFTER HANDLING. | | | S.O.C INDICATOR <input type="checkbox"/> ON <input type="checkbox"/> CHARGE BATTERY <input type="checkbox"/> REPLACE BATTERY |
| 180G51(4D-1050) RC 300(MIN) | 12V 1090CCA (SAE) | 160Ah(20HR) 950CCA (EN) | |

1AGAUJAP148A

[M100GX, M110GX]



[M126GX, M135GX]



9Y1210684IC1005US

9Y1210684IN10005USO

- (1) Part No. 3F240-9819-1
Do not stand by IMPLEMENT or between implement and tractor while operating remote hitch switch.



1AGAIBIAP1770

- (3) Part No. 6C200-4959-1

| | |
|------------------|---|
| ⚠ WARNING | TO AVOID PERSONAL INJURY: 1. Attach pulled or towed loads to the drawbar only. 2. Use the 3-point hitch only with equipment designed for 3-point hitch usage. |
| | ⚠ WARNING TO AVOID PERSONAL INJURY: 1. Keep PTO shield in place at all times. 2. Do not operate the PTO at speeds faster than the speed recommended by the implement manufacturer. 3. For trailing PTO-driven implements, set drawbar at towing position. (see operator's manual) |

1AGAIHFAP067A

- (2) Part No. 3P305-9856-1

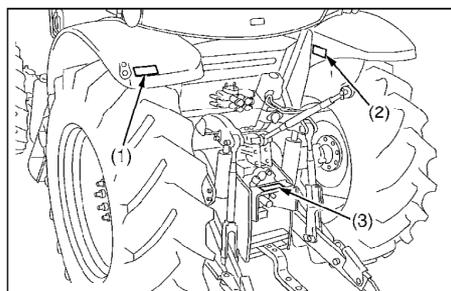
| | |
|--|------------------|
| ⚠ CAUTION | |
| TO AVOID INJURY FROM SEPARATION: | |
| GROOVE LH | GROOVE RH |
| DO NOT EXTEND LIFT ROD BEYOND THE GROOVE ON THE THREADED ROD. | |

1AGAICVAP046E

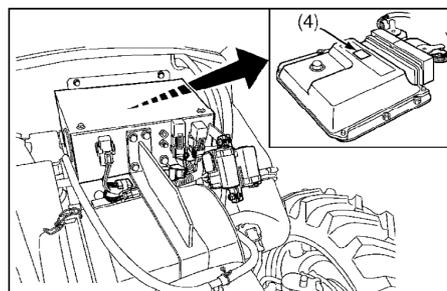
- (4) Part No. 1J574-8721-1

| | |
|------------------|--|
| ⚠ WARNING | To avoid electric shock; Set the key switch to the "OFF" position before checking or repairing the computer, wiring or/and connectors. |
| | |

1AGAIJNAP165A



9Y1210684IC1006US



9Y1210684IN10006US0

CARE OF DANGER, WARNING AND CAUTION LABELS

1. Keep danger, warning and caution labels clean and free from obstructing material.
2. Clean danger, warning and caution labels with soap and water, dry with a soft cloth.
3. Replace damaged or missing danger, warning and caution labels with new labels.
4. If a component with danger, warning and caution label(s) affixed is replaced with new part, make sure new label(s) is (are) attached in the same location(s) as the replace component.
5. Mount new danger, warning and caution labels by applying on a clean dry surface and pressing any bubbles to outside edge.

9Y1210684IN10007US0

(2) For Oceania Model

The following safety decals are installed on the machine. If a decal becomes damaged, illegible or is not on the machine, replace it. The decal part number is listed in the parts list.

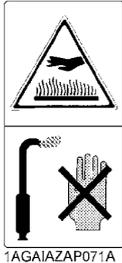
WSM000001INI0013US0

- (1) Part No. TA040-4957-1
Do not get your hands close to engine fan and fan belt.



1AGAIAZAP110A

- (2) Part No. 3N300-4958-1
Do not touch hot surface like muffler, etc.



1AGAIAZAP071A

- (3) Part No. 3N600-4958-1
Do not touch hot surface like supply pump, etc.

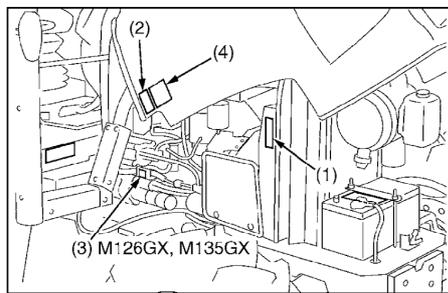
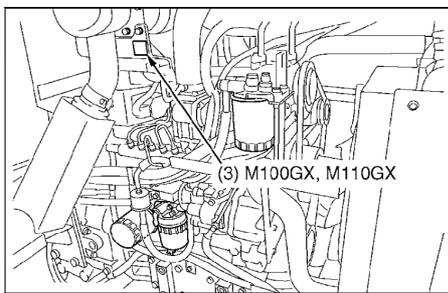
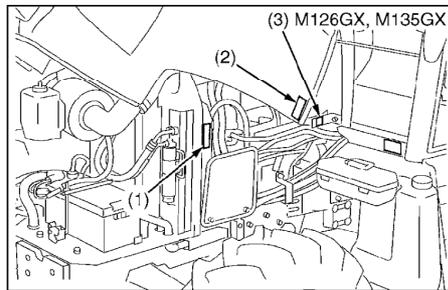
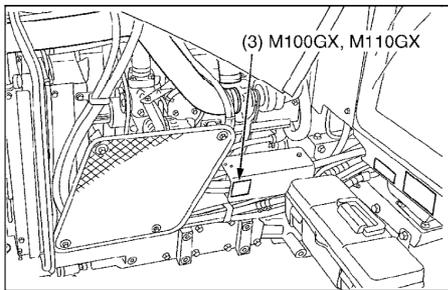


1AGAIDXAP073A

- (4) Part No. 3Y205-9868-1



1AGAIJNAP149A



9Y1210684ICI012US

9Y1210684INI0021US0

(1) Part No. 3Y205-9835-1



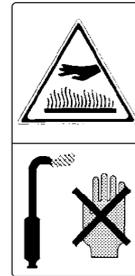
1AGAIJNAP153A

⚠ DANGER

TO AVOID POSSIBLE INJURY OR DEATH FROM A MACHINE RUNAWAY.

1. Do not start engine by shorting across starter terminals or bypassing the safety start switch. Machine may start in gear and move if normal starting circuitry is bypassed.
2. Start engine only from operator's seat with transmission and PTO OFF. Never start engine while standing on the ground.

(3) Part No. 32310-4958-1
Do not touch hot surface like muffler, etc.

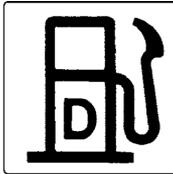


1AGAIAZAP071A

(2) Part No. TA040-4956-2

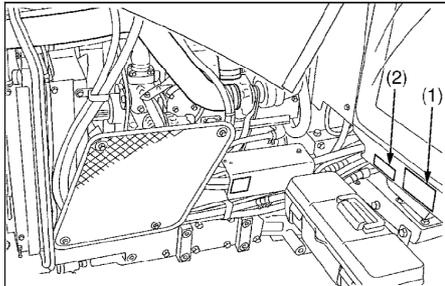
Diesel fuel only

No fire

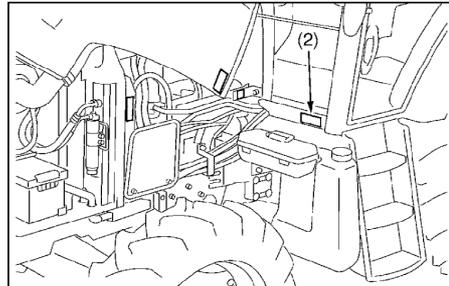


1AGAMAAP3840

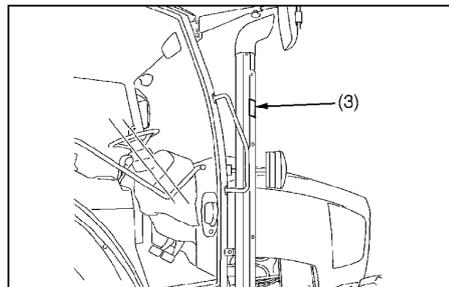
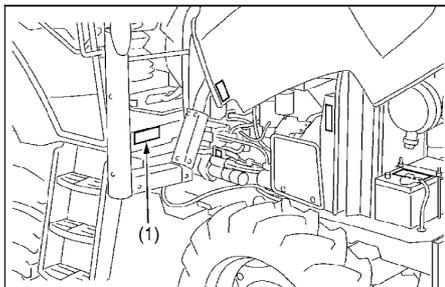
[M100GX, M110GX]



[M126GX, M135GX]



[M126GX, M135GX]



9Y1210684ICI013US

9Y1210684INI0022USO

(1) Part No. 3F240-9836-2

CAUTION

TO AVOID PERSONAL INJURY:

1. Read and understand the operator's manual before operation.
2. Before starting the engine, make sure that everyone is at a safe distance from tractor and the PTO is off.
3. Do not allow passengers on the tractor at any time.
4. Before allowing other people to use the tractor, have them read the operator's manual.
5. Check the tightness of nuts and bolts regularly.
6. Keep all shields in place and stay away from all moving parts.
7. Lock the two brake pedals together before driving on the road.
8. Slow down for turns, or rough roads, or when applying individual brakes.
9. On public roads use SMV emblem and hazard lights, if required by local traffic and safety regulations.
10. Pull only from the drawbar.
11. Before dismounting, lower the implement to the ground, set the parking brake, stop the engine and remove the key.
12. Securely support tractor and implements before working underneath.

1AGAICHAP113A

(2) Part No. 3Y205-9832-2

WARNING



BEFORE DISMOUNTING TRACTOR:

1. **ALWAYS SET PARKING BRAKE.**
Leaving transmission in gear with the engine stopped will not prevent tractor from rolling.
2. **PARK ON LEVEL GROUND WHENEVER POSSIBLE.**
If parking on a slope, position tractor across the slope.
3. **LOWER ALL IMPLEMENTS TO THE GROUND.**
Failure to comply to this warning may allow the wheels to slip, and could cause injury or death.
4. **STOP THE ENGINE.**

1AGAIJNAP151A

(3) Part No. 3Y205-9831-1

WARNING

TO AVOID FREE WHEELING WHEN SHIFTING THE SHUTTLE LEVER WHILE ON A SLOPE:
Stop completely by using the brake and by depressing the clutch pedal.
Start off after selecting shuttle direction by releasing the clutch pedal.

WARNING



TO AVOID INJURY OR DEATH FROM ROLL-OVER:
Always use seat belt when driving.

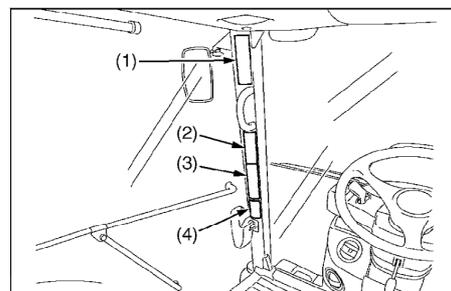
1AGAIJNAP150A

(4) Part No. 3Y205-9778-1
[If optional instructional seat is installed]

CAUTION

- Instructional seat is provided only for training and instructing operators or diagnosing machine problems.
- It is not intended to carry children nor any other person for any other purpose.
- Always wear your seat belt and stabilize your body by holding the handrail on the CAB frame.
- Use caution to avoid the risks of obstructing operator's view, falling from the machine and interfering with controls.

1AGAIJNAP157A



9Y1210684ICI014US

9Y1210684INI0023US0

(1) Part No. 3Y565-9855-1 [Front suspension type]

⚠ CAUTION
TO AVOID PERSONAL INJURY:
 Before operating the switches for the front suspension, make sure the area near the machine is clear of all persons and objects.

1AGAIJNAP154A

(3) Part No. 3F240-4966-1

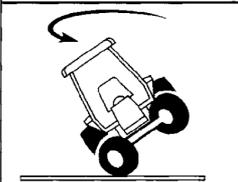
⚠ CAUTION
USE [UP-DOWN] ONLY ON FARM FIELDS. FOR ALL OTHER APPLICATIONS, USE HYDRAULIC LEVER TO MOVE ATTACHMENT.

1AGAIBIAP1800

(2) Part No. 3Y205-9833-1

⚠ WARNING
TO AVOID MACHINE RUNAWAY DUE TO 4WD BRAKING SYSTEM:
 Do not run engine with only rear wheels off ground.

⚠ WARNING



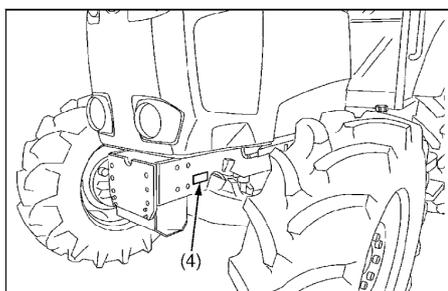
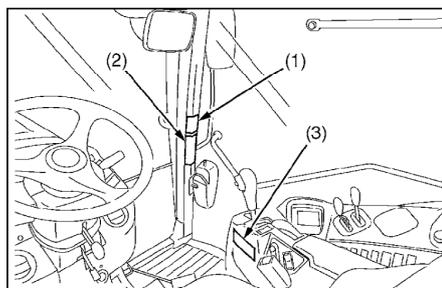
TO AVOID PERSONAL INJURY:
 Use "Bi-Speed Turn" only in low gears and slow speed. Do not use "Bi-Speed Turn" in high gears or road speed.

1AGAIJNAP152A

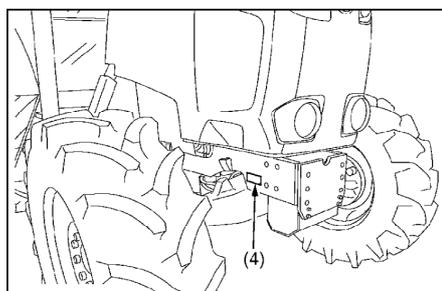
(4) Part No. 3T565-9859-2 [Front suspension type]

⚠ CAUTION
TO AVOID PERSONAL INJURY:
 Servicing of front suspension hydraulic system should be performed only by authorized Kubota dealer.

1AGAIHFAP087A



9Y1210684IC1015US



9Y1210684INI0024US0

(1) Part No. 3Y205-9892-1

DANGER/POISON

SHIELD EYES. EXPLOSIVE GASES CAN CAUSE BLINDNESS OR INJURY.

NO SPARKS, FLAMES OR SMOKING CAN CAUSE BLINDNESS OR SEVERE BURNS.

SULFURIC ACID CAN CAUSE BLINDNESS OR SEVERE BURNS.

KEEP OUT OF REACH OF CHILDREN. DO NOT TIP. DO NOT OPEN BATTERY.

FLUSH EYES IMMEDIATELY WITH WATER. GET MEDICAL HELP FAST.

PROPOSITION 65 WARNING
BATTERY POSTS, TERMINALS, AND RELATED ACCESSORIES CONTAIN LEAD AND LEAD COMPOUNDS, CHEMICALS KNOWN TO THE STATE OF CALIFORNIA TO CAUSE CANCER AND REPRODUCTIVE HARM. WASH HANDS AFTER HANDLING.

105E41R 12V

AMP. HR (5HR) 80
AMP. HR (20HR) 100
RESERVE CAPACITY (MIN) 160
BCI CCA 900
EN CCA 800

S.O.C. INDICATOR

CHARGE BATTERY REPLACE BATTERY

Pb

DK 85330

1AGAUJAP083A

(2) Part No. 3P903-9892-3

DANGER / POISON

SHIELD EYES. EXPLOSIVE GASES CAN CAUSE BLINDNESS OR INJURY.

NO SPARKS, FLAMES OR SMOKING CAN CAUSE BLINDNESS OR SEVERE BURNS.

SULFURIC ACID CAN CAUSE BLINDNESS OR SEVERE BURNS.

KEEP OUT OF REACH OF CHILDREN. DO NOT TIP. DO NOT OPEN BATTERY.

FLUSH EYES IMMEDIATELY WITH WATER. GET MEDICAL HELP FAST.

PROPOSITION 65 WARNING
BATTERY POSTS, TERMINALS, AND RELATED ACCESSORIES CONTAIN LEAD AND LEAD COMPOUNDS, CHEMICALS KNOWN TO THE STATE OF CALIFORNIA TO CAUSE CANCER AND REPRODUCTIVE HARM. WASH HANDS AFTER HANDLING.

180G51(4D-1050) 12V

RC 300(MIN) 1090CCA (SAE) 160Ah(20HR) 950CCA (EN)

S.O.C. INDICATOR

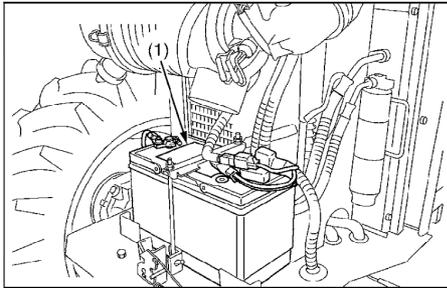
CHARGE BATTERY REPLACE BATTERY

Pb

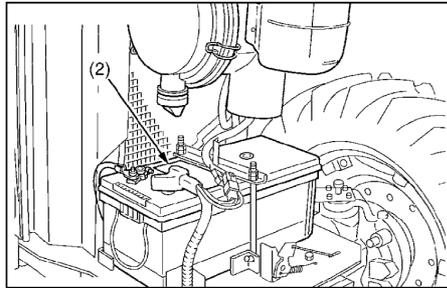
DK 85401

1AGAUJAP148A

[M100GX, M110GX]



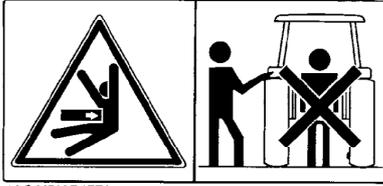
[M126GX, M135GX]



9Y1210684ICI016US

9Y1210684INI0025USO

- (1) Part No. 3F240-9819-1
Do not stand by IMPLEMENT or between implement and tractor while operating remote hitch switch.



1AGAIBIAP1770

- (3) Part No. 6C200-4959-1

| | |
|------------------|---|
| ⚠ WARNING | TO AVOID PERSONAL INJURY: 1. Attach pulled or towed loads to the drawbar only. 2. Use the 3-point hitch only with equipment designed for 3-point hitch usage. |
| | ⚠ WARNING TO AVOID PERSONAL INJURY: 1. Keep PTO shield in place at all times. 2. Do not operate the PTO at speeds faster than the speed recommended by the implement manufacturer. 3. For trailing PTO-driven implements, set drawbar at towing position. (see operator's manual) |

1AGAIHFAP067A

- (2) Part No. 3P305-9856-1

| | |
|--|------------------|
| ⚠ CAUTION | |
| TO AVOID INJURY FROM SEPARATION: | |
| GROOVE LH | GROOVE RH |
| DO NOT EXTEND LIFT ROD BEYOND THE GROOVE ON THE THREADED ROD. | |

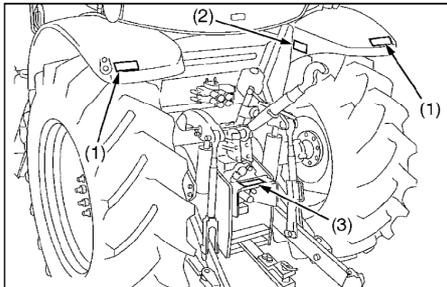
1AGAICVAP046E

- (4) Part No. 1J574-8721-1

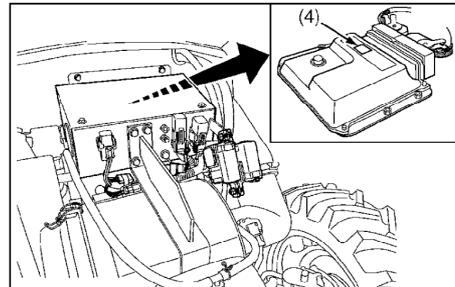
| |
|----------------------|
| ⚠ WARNING |
| |

1AGAIJNAP165A

To avoid electric shock:
Set the key switch to the "OFF" position before checking or repairing the computer, wiring or/and connectors.



9Y1210684ICI017US



9Y1210684INI0026US0

CARE OF DANGER, WARNING AND CAUTION LABELS

1. Keep danger, warning and caution labels clean and free from obstructing material.
2. Clean danger, warning and caution labels with soap and water, dry with a soft cloth.
3. Replace damaged or missing danger, warning and caution labels with new labels.
4. If a component with danger, warning and caution label(s) affixed is replaced with new part, make sure new label(s) is (are) attached in the same location(s) as the replace component.
5. Mount new danger, warning and caution labels by applying on a clean dry surface and pressing any bubbles to outside edge.

9Y1210684INI0027US0

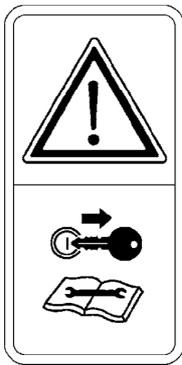
[2] PICTORIAL SAFETY LABELS

(1) For Europe Model

The pictorial safety labels affixed are intended to alert persons to potential hazards. The hazard is identified by a pictorial in the safety alert triangle or by the safety alert symbol alone. An adjacent pictorial provides instructions and information on how to avoid the hazard.

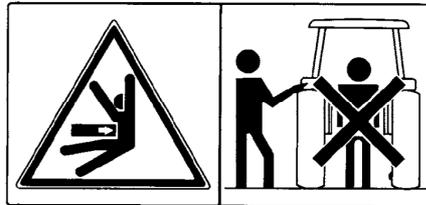
9Y1210684INI0020US0

- (1) Part No. 3P903-9883-1
Hazardous high voltage.
Turn the starter switch to the OFF position if it is necessary to check or repair the computer, harness, or connectors.

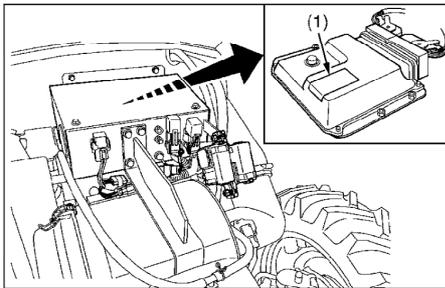


1AGAIFYAP127A

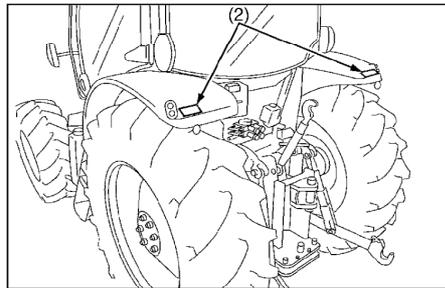
- (2) Part No. 3F240-9819-1
Do not stand by IMPLEMENT or between implement and tractor while operating remote hitch switch.



1AGAIBIAP1770



9Y1210684ICI007US

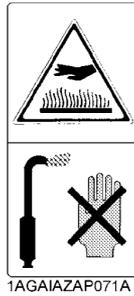


9Y1210684INI0008US0

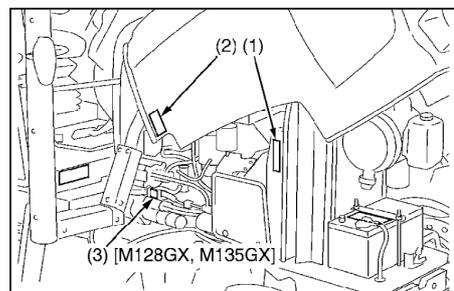
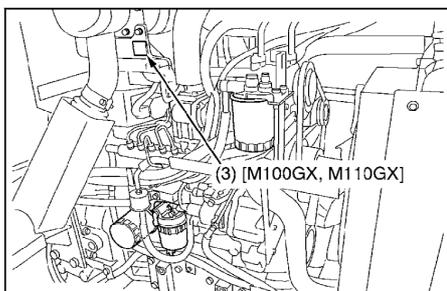
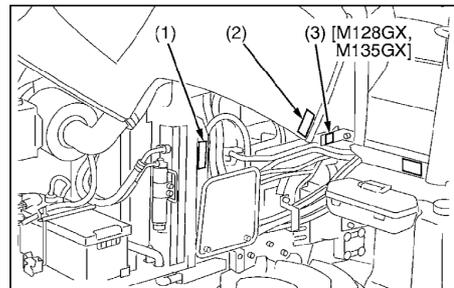
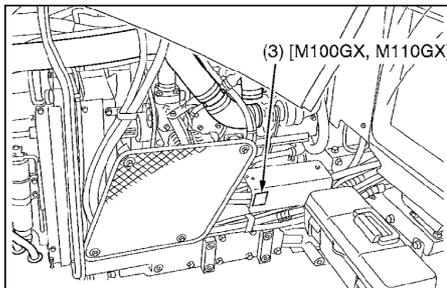
- (1) Part No. TA040-4957-1
Do not open or remove safety shields while engine is running.



- (2) Part No. 3N300-4958-1
Do not touch hot surfaces.



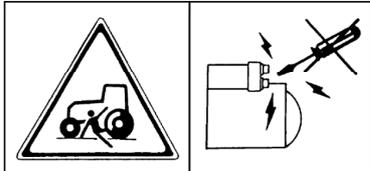
- (3) Part No. 3N600-4958-1
Do not touch hot surface like supply pump, etc.



9Y1210684IC1008US

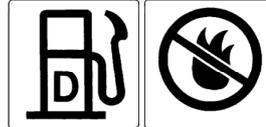
9Y1210684INI0009US0

(1) Part No. K3512-4718-1
Start engine from operator's seat only.



1BDABANAP083B

(2) Part No. TA040-4956-2
Diesel fuel only. No fire.



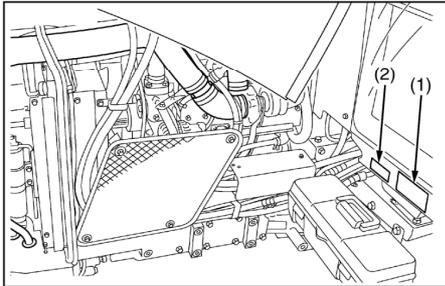
1AGAIAZAP118A

(3) Part No. 32310-4958-1
Do not touch hot surfaces.

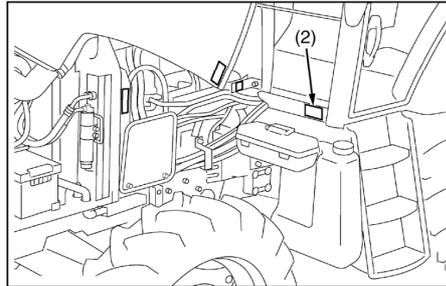


1AGAIAZAP071A

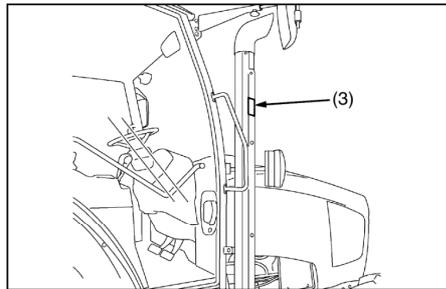
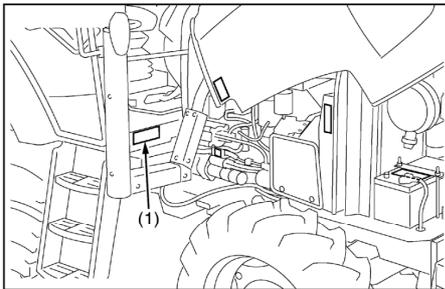
[M100GX, M110GX]



[M128GX, M135GX]



[M128GX, M135GX]



9Y1210684IC1009US

9Y1210684INI0010US0

(1) Part No. 3Y205-9892-1

⚠ DANGER/POISON

| | | |
|---|------------------------------|--|
| SHIELD EYES. EXPLOSIVE GASES CAN CAUSE BLINDNESS OR INJURY. | NO SPARKS • FLAMES • SMOKING | SULFURIC ACID CAN CAUSE BLINDNESS OR SEVERE BURNS. |
|---|------------------------------|--|

KEEP OUT OF REACH OF CHILDREN. DO NOT TIP. DO NOT OPEN BATTERY.

FLUSH EYES IMMEDIATELY WITH WATER. GET MEDICAL HELP FAST.

PROPOSITION 65 WARNING
 BATTERY POSTS, TERMINALS, AND RELATED ACCESSORIES CONTAIN LEAD AND LEAD COMPOUNDS, CHEMICALS KNOWN TO THE STATE OF CALIFORNIA TO CAUSE CANCER AND REPRODUCTIVE HARM. WASH HANDS AFTER HANDLING.

DK 85338

| | |
|------------------------|-----|
| 105E41R 12V | |
| AMP. HR (5HR) | 80 |
| AMP. HR (20HR) | 100 |
| RESERVE CAPACITY (MIN) | 160 |
| BCI CCA | 900 |
| EN CCA | 800 |

S.O.C.
INDICATOR
OK

CHARGE-REPLACE
BATTERY BATTERY

Pb

RECYCLE

1AGAUJHAP063A

(2) Part No. 3P903-9892-3

⚠ DANGER / POISON

| | | |
|---|------------------------------|--|
| SHIELD EYES. EXPLOSIVE GASES CAN CAUSE BLINDNESS OR INJURY. | NO SPARKS • FLAMES • SMOKING | SULFURIC ACID CAN CAUSE BLINDNESS OR SEVERE BURNS. |
|---|------------------------------|--|

KEEP OUT OF REACH OF CHILDREN. DO NOT TIP. DO NOT OPEN BATTERY.

FLUSH EYES IMMEDIATELY WITH WATER. GET MEDICAL HELP FAST.

PROPOSITION 65 WARNING
 BATTERY POSTS, TERMINALS, AND RELATED ACCESSORIES CONTAIN LEAD AND LEAD COMPOUNDS, CHEMICALS KNOWN TO THE STATE OF CALIFORNIA TO CAUSE CANCER AND REPRODUCTIVE HARM. WASH HANDS AFTER HANDLING.

DK 85491

| | | |
|----------------------------|----------------------|--------------------|
| 180G51(4D-1050) 12V | | 160Ah(20HR) |
| RC 300(MIN) | 1090CCA (SAE) | 950CCA (EN) |

S.O.C. INDICATOR
OK

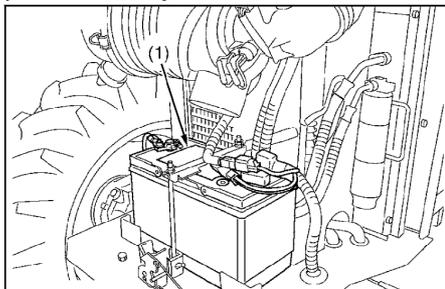
CHARGE-REPLACE
BATTERY BATTERY

Pb

RECYCLE

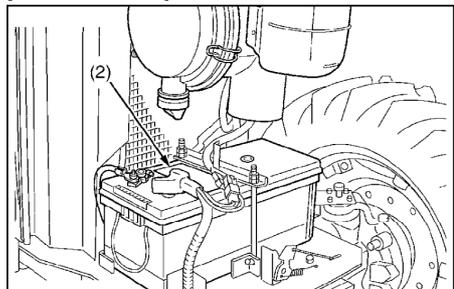
1AGAUJNAP148A

[M100GX, M110GX]



9Y1210684ICI010US

[M128GX, M135GX]



9Y1210684INI0011USO

(1) Part No. 3P903-9837-1

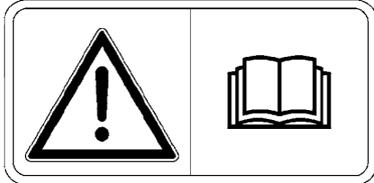
DANGER/POISON

- Shield eyes.
- Explosive gases can cause blindness or injury.
- No sparks, flames, smoking
- Sulfuric acid can cause blindness or severe burns.

**KEEP OUT OF REACH CHILDREN.
DO NOT TIP. DO NOT OPEN BATTERY.**

- Flush eyes immediately with water.
- Get medical help fast

WASH HANDS AFTER HANDLING

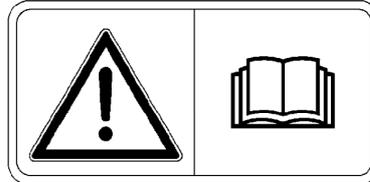


1AGAIFYAP126A

(2) Part No. 3P903-9837-1

REFRIGERANT UNDER HIGH PRESSURE

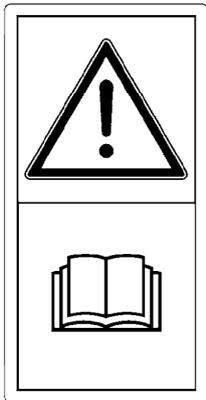
Improper service methods may cause personal injury.
This air conditioning system should be serviced by your dealer or any other qualified service shop.
See Repair Manual for detail.



1AGAIFYAP126A

(3) Part No. TD179-3491-1

Carefully read operator's manual before handling the machine.
Observe instructions and safety rules when operating.



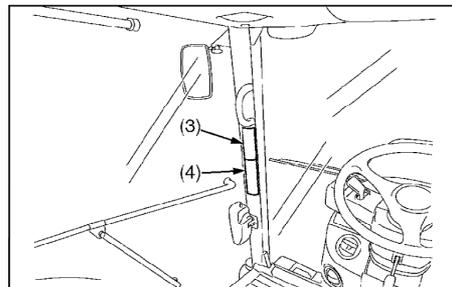
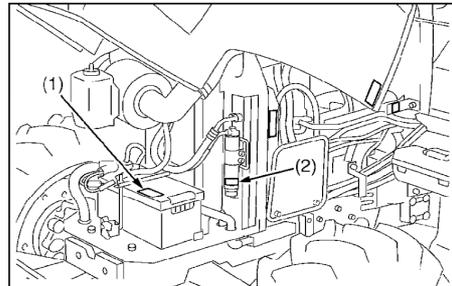
1AGAWAEAP088A

(4) Part No. 3P903-4902-1

Seat belt should be used.



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CARE OF PICTORIAL SAFETY LABELS

1. Keep pictorial safety labels clean and free from obstructing material.
2. Clean pictorial safety labels with soap and water, dry with a soft cloth.
3. Replace damaged or missing pictorial safety labels with new labels.
4. If a component with pictorial safety label(s) affixed is replaced with new part, make sure new label(s) is (are) attached in the same location(s) as the replace component.
5. Mount new pictorial safety labels by applying on a clean dry surface and pressing any bubbles to outside edge.

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3. SPECIFICATIONS

[1] FOR NORTH AMERICA MODEL

| Model | | M100GX | M110GX | M126GX | M135GX | |
|------------------|---|--|--|---|--|--|
| Engine | Model | V3800-TIE4 | | V6108-TIE4 | | |
| | Type | Direct injection, with turbocharger, water-cooled, 4-cycle diesel | | | | |
| | Number of cylinder | 4 | | | | |
| | Total displacement | 3769 cm ³ (230 cu.in.) | | 6124 cm ³ (374 cu.in.) | | |
| | Bore and stroke | 100 × 120 mm (3.94 × 4.72 in.) | | 118 × 140 mm (4.65 × 5.51 in.) | | |
| | Net power*1 | 74.6 kW (100 HP) | 81.7 kW (109.5 HP) | 93.2 kW (125 HP) | 100.7 kW (135 HP) | |
| | PTO power*1 (factory observed) | 64.1 kW (86 HP) / 2600 min ⁻¹ (rpm) | 71.6 kW (97.3 HP) / 2600 min ⁻¹ (rpm) | 80.5 kW (108 HP) / 2200 min ⁻¹ (rpm) | 88.0 kW (120 HP) / 2200 min ⁻¹ (rpm) | |
| | Maximum torque | 346 N-m (35.3 kgf-m, 255 lbf-ft) / 1500 min ⁻¹ (rpm) | 370 N-m (37.7 kgf-m, 273 lbf-ft) / 1500 min ⁻¹ (rpm) | 532 N-m (54.2 kgf-m, 392 lbf-ft) / 1200 min ⁻¹ (rpm) | 567 N-m (57.8 kgf-m, 418 lbf-ft) / 1200 min ⁻¹ (rpm) | |
| | Low idling revolution | 800 to 850 min ⁻¹ (rpm) | | | | |
| | Battery capacity | 12 V, 100 Ah at 20 hours, 900CCA | | 12 V, 160 Ah at 20 hours, 1090CCA | | |
| | Fuel | Diesel fuel No. 1-D S15 [below -10 °C (14 °F)] Diesel fuel No. 2-D S15 [above -10 °C (14 °F)] | | | | |
| | Fuel tank capacity | 190 L (50.2 U.S.gals, 41.8 Imp.gals) | | | | |
| | Engine oil capacity | 10.5 L (11.1 U.S.qts, 9.2 Imp.qts) | | | | |
| | Coolant capacity | 9.6 L (10.1 U.S.qts, 8.5 Imp.qts) | | 14.6 L (15.4 U.S.qts, 12.8 Imp.qts) | | |
| Dimensions | Overall length | 4230 mm (166.5 in.) | | 4360 mm (171.7 in.) <4350 mm (171.3 in.)> | | |
| | Overall width (min. tread) | 2100 mm (82.7 in.) | | 2180 mm (85.8 in.) | | |
| | Overall height | 2790 mm (109.8 in.) | 2840 mm (111.8 in.) | 2875 mm (113.2 in.) | | |
| | Wheel base | 2435 mm (95.9 in.) | | 2690 mm (105.9 in.) <2680 mm (105.5 in.)> | | |
| | Tread | Front | 1580, 1610 mm (62.2, 63.39 in.) | | 1775, 1875 mm (69.9, 73.8 in.) | |
| | | Rear | 1500 to 2060 mm (59.1 to 81.1 in.) | 1530 to 2035 mm (60.2 to 80.1 in.) | 1590 to 2090 mm (62.6 to 82.3 in.) | |
| Crop clearance | 450 mm (17.7 in.) | | 495 mm (19.5 in.) | | 565 mm (22.2 in.) | |
| Weight | 4095 kg (9028 lbs) | | 4180 kg (9216 lbs) | | 4705 kg (10373 lbs) <4905 kg (10814 lbs)> | |
| Traveling system | Standard tire size | Front | 12.4R24 | 13.6R24 | 14.9R24 | |
| | | Rear | 18.4R34 | | 18.4R38 | |
| | Clutch | Multiple wet disk, Electronic Hydraulically operated | | | | |
| | Steering | Hydrostatic power steering | | | | |
| | Braking system | Hydraulically operated wet disk | | | | |
| | Differential | Bevel gears with differential lock (Front, Rear) | | | | |
| Hydraulic system | Hydraulic control system | Electronic draft control | | | | |
| | Pump capacity | 70.9 L (18.7 U.S.gals, 15.6 Imp.gals) / min. | | 77.2 L (20.4 U.S.gals, 17.0 Imp.gals) / min. | | |
| | Three point hitch | Category 2 | | | | |
| | Max. lifting force | At lift points | 3900 kg (8598 lbs) | | | |
| | | 24 in. behind lift points*2 | 3100 kg (6834 lbs) | | | |
| | Remote hydraulic control | 2 standard (3rd and 4th valve optional) | | | | |
| | System pressure | 19.7 MPa (201 kgf/cm ² , 2857 psi) | | | | |
| Traction system | Swinging drawbar, adjustable in direction | | | | | |
| PTO system | Live PTO (Independent) | Direction of turning | Clockwise, viewed from tractor rear | | | |
| | | PTO / engine speed | 6 splines: 540 min ⁻¹ (rpm) / 2205 min ⁻¹ (rpm) 21 splines: 1000 min ⁻¹ (rpm) / 2389 min ⁻¹ (rpm) | | 6 splines: 540 min ⁻¹ (rpm) / 1994 min ⁻¹ (rpm) 21 splines: 1000 min ⁻¹ (rpm) / 2050 min ⁻¹ (rpm) | |

The company reserves the right to change the specifications without notice.

■ NOTE

- *1: Manufacture's estimate
- *2: Top link mounting: upper hole
- <>: Front suspension type

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[2] FOR EUROPE MODEL

| Model | | | M110GX | M135GX |
|--|-----------------------------------|--|--|--|
| Engine | Model | | V3800-TIE4 | V6108-TIE4 |
| | Type | | Direct injection, with turbocharger, water-cooled, 4-cycle diesel | |
| | Number of cylinder | | 4 | |
| | Total displacement | | 3769 cm ³ (230 cu.in.) | 6124 cm ³ (374 cu.in.) |
| | Bore and stroke | | 100 × 120 mm (3.94 × 4.72 in.) | 118 × 140 mm (4.65 × 5.51 in.) |
| | Net power*1 | | 80.5 kW (109.5 PS) | 99.3 kW (135 PS) *8 101.5 kW (138 PS) *9 |
| | PTO power*1 (factory observed) | | 71.6 kW (97.3 PS) / 2600 min ⁻¹ (rpm) | 88.0 kW (120 PS) / 2200 min ⁻¹ (rpm) |
| | Maximum torque | | 370 N·m (37.7 kgf·m, 273 lbf·ft) / 1500 min ⁻¹ (rpm) | 567 N·m *8 (57.8 kgf·m, 418 lbf·ft) / 1200 min ⁻¹ (rpm) 579 N·m *9 (59.0 kgf·m, 427 lbf·ft) / 1200 min ⁻¹ (rpm) |
| | Battery capacity | | 12 V, 100 Ah at 20 hours, 800CCA (EN) | 12 V, 160 Ah at 20 hours, 950CCA (EN) |
| | Fuel tank capacity | | 190 L (50.2 U.S.gals, 41.8 Imp.gals) | |
| | Engine oil capacity | | 10.5 L (11.1 U.S.qts, 9.2 Imp.qts) | 14.6 L (15.4 U.S.qts, 12.8 Imp.qts) |
| | Coolant capacity | | 9.0 L (9.5 U.S.qts, 7.9 Imp.qts) | 15 L (16 U.S.qts, 13 Imp.qts) |
| Dimensions | Overall length | | 4245 mm (167.1 in.) | 4400 mm (173.2 in.) |
| | Overall width (min. tread) | | 2130 mm (83.86 in.) | 2125 mm (83.66 in.) |
| | Overall height | | 2830 mm (111.4 in.) | 2885 mm (113.6 in.) |
| | Wheel base | | 2435 mm (95.9 in.) | 2690 mm (105.9 in.) <2680 mm (105.5 in.)> |
| | Tread | Front | 1565 to 1675 mm (61.62 to 65.94 in.) | 1720 to 1765 mm (67.72 to 69.48 in.) |
| | | Rear | 1555 to 1860 mm (61.22 to 73.22 in.) | 1605 to 1810 mm (63.19 to 71.25 in.) |
| Crop clearance | | 495 mm (19.5 in.) | 565 mm (22.2 in.) | |
| Weight | | | 3990 kg (8796 lbs) | 4560 kg (10050 lbs) <4780 kg (10540 lbs)> |
| Traveling system | Standard tire size | Front | 340 / 85R24 | 420 / 70R24 |
| | | Rear | 460 / 85R34 | 520 / 70R38 |
| | Clutch | | Multiple wet disk, Electronic Hydraulically operated | |
| | Steering | | Hydrostatic power steering | |
| | Braking system | | Hydraulically operated wet disk | |
| | Trailer brake | | Hydraulic | |
| | Trailer brake coupler | | ISO 5676 | |
| Differential | | Bevel gears with differential lock (Front, Rear) | | |
| Hydraulic system | Hydraulic control system | | Electronic draft, Position, Mix control (Low link sensing) | |
| | Pump capacity (Theoretical value) | | 76.3 L (20.2 U.S.gals, 16.8 Imp.gals) / min. | 82.5 L (21.8 U.S.gals, 18.1 Imp.gals) / min. |
| | Pump capacity (Factory spec) | | 70.9 L (18.7 U.S.gals, 15.6 Imp.gals) / min. | 77.2 L (20.4 U.S.gals, 17.0 Imp.gals) / min. |
| | Three point hitch | | Category 2 | |
| | Max. lifting force | At lift points*2 | 5000 kg (11020 lbs) | 6100 kg (13450 lbs) |
| | | 24 in. behind lift points*3 | 4300 kg (9480 lbs) | 4900 kg (10800 lbs) |
| | Remote hydraulic control | | 2 standard (3rd and 4th valve optional) | |
| | Remote control valve coupler | | ISO 7241-1 standards "A" | |
| System pressure | | 19.6 MPa (200 kgf/cm ² , 2840 psi) | | |
| Traction system | | Swinging drawbar, high hitch and piton-fix | | |
| PTO system | Live PTO (Independent) | Direction of turning | Clockwise, viewed from tractor rear | |
| | | PTO / engine speed | 6 splines: 540 min ⁻¹ (rpm) / 2405 min ⁻¹ (rpm) 1000 min ⁻¹ (rpm) / 2529 min ⁻¹ (rpm) 540E / 1519 min ⁻¹ (rpm) | 6 splines: 540 min ⁻¹ (rpm) / 1994 min ⁻¹ (rpm) 1000 min ⁻¹ (rpm) / 2050 min ⁻¹ (rpm) 540E / 1398 min ⁻¹ (rpm) |
| The level of protection against hazardous substance *4 | | | Category 1 | |
| Noise at the operator's ear *5 | CAB/door closed | 73 dB (A) | 72 dB (A) | |
| | CAB/door opened | 86 dB (A) | 83 dB (A) | |
| Noise of the tractor in motion *6 | | | 82 dB (A) | 85 dB (A) |

| Model | | M110GX | M135GX |
|------------------------------------|-----------------------|--------------|-----------------------|
| Value of the vibration level *7 | Grammer MSG95A/721 | Light driver | 1.24 m/s ² |
| | | Heavy driver | 1.1 m/s ² |

The company reserves the right to change the specifications without notice.

The figures in "Dimensions" and "Weight" are for the tractor equipped with a drawbar (Short type), a High-hitch (Normal) and a Piton-Fix.

■ **NOTE**

- *1: Manufacture's estimate
- *2: Theoretical value
- *3: Top link mounting: upper hole
- *4: According to EN 15695-1: 2009
- *5: Measured according to Directive 2009/76/EC
- *6: Measured according to Council Directive 2009/63/EC
- *7: Measured according to Council Directive 78/764/EEC
- *8: M135GX : Serial number below 75001 / M135GX FS Model : Serial number below 85001.
- *9: M135GX : Serial number above 75001 / M135GX FS Model : Serial number above 85001.
- <>: Front suspension type

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| Model | | M100GX-II | M110GX-II | M128GX-II | M135GX-II | |
|--|--|---|--|---|--|--|
| Engine | Model | V3800-TIE4 | | V6108-TIE4 | | |
| | Type | Direct injection, with turbocharger, water-cooled, 4-cycle diesel | | | | |
| | Number of cylinder | 4 | | | | |
| | Total displacement | 3769 cm ³ (230 cu.in.) | | 6124 cm ³ (374 cu.in.) | | |
| | Bore and stroke | 100 × 120 mm (3.94 × 4.72 in.) | | 118 × 140 mm (4.65 × 5.51 in.) | | |
| | Net power*1 | 73.6 kW (100 PS) | 80.5 kW (109.5 PS) | 94.1 kW (128 PS) | 99.3 kW (135 PS) | |
| | PTO power*1 (factory observed) | 59.6 kW (81 PS) / 2600 min ⁻¹ (rpm) | 66.9 kW (91 PS) / 2600 min ⁻¹ (rpm) | 79.4 kW (108 PS) / 2200 min ⁻¹ (rpm) | 84.6 kW (115 HP) / 2200 min ⁻¹ (rpm) | |
| | Maximum torque | 346 N·m (35.3 kgf·m, 255 lbf-ft) / 1500 min ⁻¹ (rpm) | 370 N·m (37.7 kgf·m, 273 lbf-ft) / 1500 min ⁻¹ (rpm) | 537 N·m (54.8 kgf·m, 396 lbf-ft) / 1200 min ⁻¹ (rpm) | 566 N·m (57.7 kgf·m, 417 lbf-ft) / 1200 min ⁻¹ (rpm) | |
| | Battery capacity | 12 V, 100 Ah at 20 hours, 800CCA (EN) | | 12 V, 160 Ah at 20 hours, 950CCA (EN) | | |
| | Fuel tank capacity | 190 L (50.2 U.S.gals, 41.8 Imp.gals) | | | | |
| | Engine oil capacity | 10.5 L (11.1 U.S.qts, 9.2 Imp.qts) | | 14.6 L (15.4 U.S.qts, 12.8 Imp.qts) | | |
| Coolant capacity | 10.1 L (10.7 U.S.qts, 8.89 Imp.qts) | | 14.6 L (15.4 U.S.qts, 12.8 Imp.qts) | | | |
| Dimensions | Overall length | 4245 mm (167.1 in.) | | 4400 mm (173.2 in.) | | |
| | Overall width (min. tread) | 2130 mm (83.86 in.) | | 2125 mm (83.66 in.) | | |
| | Overall height | 2830 mm (111.4 in.) | | 2885 mm (113.6 in.) | | |
| | Wheel base | 2435 mm (95.9 in.) | | 2690 mm (105.9 in.) <2680 mm (105.5 in.)> | | |
| | Tread | Front | 1565 to 1675 mm (61.62 to 65.94 in.) | | 1720 to 1765 mm (67.72 to 69.48 in.) | |
| | | Rear | 1555 to 1860 mm (61.22 to 73.22 in.) | | 1605 to 1810 mm (63.19 to 71.25 in.) | |
| Crop clearance | 495 mm (19.5 in.) | | 565 mm (22.2 in.) | | | |
| Weight | | 3990 kg (8796 lbs) | | 4560 kg (10050 lbs) <4780 kg (10540 lbs)> | | |
| Traveling system | Standard tire size | Front | 340 / 85R24 | | 420 / 70R24 | |
| | | Rear | 460 / 85R34 | | 520 / 70R38 | |
| | Clutch | Multiple wet disk, Electronic Hydraulically operated | | | | |
| | Steering | Hydrostatic power steering | | | | |
| | Braking system | Hydraulically operated wet disk | | | | |
| | Trailer brake | Hydraulic | | | | |
| | Trailer brake coupler | ISO 5676 | | | | |
| Differential | Bevel gears with differential lock (Front, Rear) | | | | | |
| Hydraulic system | Hydraulic control system | Electronic draft, Position, Mix control (Low link sensing) | | | | |
| | Pump capacity (Theoretical value) | 76.3 L (20.2 U.S.gals, 16.8 Imp.gals) / min. | | 82.5 L (21.8 U.S.gals, 18.1 Imp.gals) / min. | | |
| | Pump capacity (Factory spec) | 70.9 L (18.7 U.S.gals, 15.6 Imp.gals) / min. | | 77.2 L (20.4 U.S.gals, 17.0 Imp.gals) / min. | | |
| | Three point hitch | Category 2 | | | | |
| | Max. lifting force | At lift points*2 | 5000 kg (11020 lbs) | | 6100 kg (13450 lbs) | |
| | | 24 in. behind lift points*3 | 4300 kg (9480 lbs) | | 4900 kg (10800 lbs) | |
| | Remote hydraulic control | 2 standard (3rd and 4th valve optional) | | | | |
| | Remote control valve coupler | ISO 7241-1 standards "A" | | | | |
| System pressure | 19.6 MPa (200 kgf/cm ² , 2840 psi) | | | | | |
| Traction system | Swinging drawbar, high hitch and piton-fix | | | | | |
| PTO system | Live PTO (Independent) | Direction of turning | Clockwise, viewed from tractor rear | | | |
| | | PTO / engine speed | 6 splines: 540 min ⁻¹ (rpm) / 2405 min ⁻¹ (rpm) 1000 min ⁻¹ (rpm) / 2529 min ⁻¹ (rpm) 540E / 1519 min ⁻¹ (rpm) | | 6 splines: 540 min ⁻¹ (rpm) / 1994 min ⁻¹ (rpm) 1000 min ⁻¹ (rpm) / 2050 min ⁻¹ (rpm) 540E / 1398 min ⁻¹ (rpm) | |
| The level of protection against hazardous substance *4 | | Category 1 | | | | |
| Noise at the operator's ear *5 | CAB/door closed | 73 dB (A) | | 72 dB (A) | | |
| | CAB/door opened | 86 dB (A) | | 83 dB (A) | | |
| Noise of the tractor in motion *6 | | 82 dB (A) | | 85 dB (A) | | |
| Value of the vibration level *7 | Grammer MSG95A/721 | Light driver | 1.24 m/s ² | | | |
| | | Heavy driver | 1.1 m/s ² | | | |

The company reserves the right to change the specifications without notice.

The figures in "Dimensions" and "Weight" are for the tractor equipped with a drawbar (Short type), a High-hitch (Normal) and a Piton-Fix.

■ **NOTE**

- *1: **Manufacture's estimate**
- *2: **Theoretical valve**
- *3: **Top link mounting: upper hole**
- *4: **According to EN 15695-1: 2009**
- *5: **Measured according to Directive 2009/76/EC**
- *6: **Measured according to Council Directive 2009/63/EC**
- *7: **Measured according to Council Directive 78/764/EEC**
- <>: **Front suspension type**

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