

WSM

WORKSHOP MANUAL TRACTOR

M100GX, M110GX, M126GX,
M128GX, M128GX-FS,
M133GX, M133GX-FS

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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.	Issue month	Main Revised Point and Corrective Measures {Search word}	Reference Page
2	2014.07	<ul style="list-style-type: none"> • Correct specifications • Adding the informations (DPF regeneration system of Default Version) • Adding the information (When reassembling) • Correcting the tightening torque • Correcting tightening torque • Correcting tightening torque • Correcting the flow rate • Correcting the relief pressure • Correcting the clearance • Correcting errors of DTC (Diagnostic Trouble Code) • Adding the informations • Correcting errors • Adding Tightening torque 	I-21, I-22, I-26 1-M42 2-S47, 7-S17 2-S50 3-S3 3-S5 7-S3, 7-S6, 7-S8, 7-S10 7-S4, 7-S10 7-S26 8-S12, 8-S16 8-S17 8-S100, 8-S101, 8-S102, 8-S103, 8-S104 9-S8, 9-S55
3	2015.03	<ul style="list-style-type: none"> • Changing the title from "M100GX, M110GX, M126GX, M135GX, M135GX-FS" to "M100GX, M110GX, M126GX, M128GX, M128GX-FS, M135GX, M135GX-FS" • Adding M100GX, M128GX, M128GX-FS for Europe • Adding the maintenance for Europe 	–
4	2015.07	<ul style="list-style-type: none"> • Balancer shaft bearing replacing tool changed. 	G-122, G-124, G-125, G-126, 1-S145
5	2015.11	<ul style="list-style-type: none"> • Wrong Correction The topic "Adjusting Air Conditioner Belt Tension [M100GX, M110GX]" was moved to [4] CHECK POINTS OF EVERY 100 HOURS from [5] CHECK POINTS OF EVERY 200 HOURS 	G-31
		<ul style="list-style-type: none"> • Wrong Correction Rated pressure for hydraulic flow test was corrected. 	7-S3, 7-S4, 7-S6, 7-S8
		<ul style="list-style-type: none"> • Wrong Correction Engine speed as a condition for checking relief valve setting pressure was corrected. 	7-S4, 7-S10

Last digit of the Code No.	Issue month	Main Revised Point and Corrective Measures {Search word}	Reference Page
5	2015.11	<ul style="list-style-type: none"> • Wrong Correction Additional line was drawn in the electric circuit because a wiring between battery and starter was missed in the previous circuit. Reference page: The diagram at the end of the book. 	8-M1, 8-M2, 8-M3, 8-M4, 8-M28, 8-M33
		<ul style="list-style-type: none"> • Wrong Correction Correct: Black/White wiring connects to terminal 5 of main key switch. Reference page: The diagram at the end of the book. 	8-M1, 8-M2, 8-M3, 8-M4, 8-S93, 8-S94
		<ul style="list-style-type: none"> • Wrong Correction Terminal no. of hand throttle lever sensor was corrected. Reference page: The diagram at the end of the book. 	8-M10
		<ul style="list-style-type: none"> • Wrong Correction Wiring color between shuttle rotation sensor and main ECU was corrected. Reference page: The diagram at the end of the book. 	8-M10
		<ul style="list-style-type: none"> • Wrong Correction Electric circuit for front wiper motor was corrected. Reference page: The diagram at the end of the book. 	8-M11
		<ul style="list-style-type: none"> • Wrong Correction Correct: (7) Glow Relay, (8) Starter Relay 	8-M19
		<ul style="list-style-type: none"> • Wrong Correction Correct: (1) Turn Signal Relay LH, (4) Turn Signal Relay Relay RH 	8-M26
		<ul style="list-style-type: none"> • Wrong Correction E-R30 Unload Solenoid --> E-H30 Unload Solenoid 	8-S12
		<ul style="list-style-type: none"> • Wrong Correction "Fail safe control or symptom caused by error" for the item ""N" blinks at range shift display (2)" was corrected 	8-S17
		<ul style="list-style-type: none"> • Wrong Correction Item no. 64 is "Suspension pressure sensor". Item no. 65 is "Suspension stroke sensor". 	8-S69
		<ul style="list-style-type: none"> • Topic "Sensor Resistance" was added. 	8-S108
		<ul style="list-style-type: none"> • Wrong Correction Correct: Voltage across the terminal 1 - chassis is approx. battery voltage. 	8-S112
		<ul style="list-style-type: none"> • Topic "Temperature Sensor (Build in Air Flow Sensor) Resistance" was added. 	8-S115
		<ul style="list-style-type: none"> • Wrong Correction Correct: Wiring color for terminal 1 is Blue/Yellow 	8-S122
<ul style="list-style-type: none"> • Wrong Correction Correct: Terminals to measure the hand throttle lever sensor resistance are terminal 2-3 and terminal 2-4 	8-S122		



Thank you very much
for your reading.
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to get more information.