

Product: Kubota M7-132 M7-152 M7-172 DeTier Service Manual

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# WSM

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**WORKSHOP MANUAL**

**TRACTOR**

**M7132, M7152,  
M7172, DeTier**

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## TO THE READER

This workshop manual provides safety information for service activity, general information such as specifications and dimensions of the machine, mechanisms and structure descriptions of the machine, and service procedures.

### **Safety**

This section contains safety service descriptions and safety label information.

### **General**

This section contains general instructions, tightening torques, general machine information and special tools.

### **Maintenance**

This section contains information for the recommended oil and general maintenance procedures.

Each section basically consists of mechanism and servicing.

### **Mechanism**

Mechanism part contains information and explanations for the structure, functions, and specifications of the machine or component parts. This part should be comprehended before proceeding with troubleshooting, disassembling, assembling, and servicing works.

### **Servicing**

Servicing part contains information and procedures for maintenance, troubleshooting and repair works. The reader should follow these instructions in order to satisfy any servicing work safely, correctly and quickly.

In this WSM, service specifications and service limits are defined as followings.

### **Service specifications:**

Specification which corresponds to new machine's ex-factory. It is based on quality standard, drawings, or actual measurements conducted by Kubota. This value is used to determine whether there is a problem with the machine in the event of a troubleshooting. However, it is necessary to consider degradation due to wear, based on the operating time of the machine, application or maintenance condition.

### **Service limits:**

Service limit is a value corresponding to the recommended performance limit by taking long term-use wear into account. When the service limit is reached, the machine is required to have proper repair, overhaul or replacement in order to keep safe and adequate performance.

All of the illustrations, photographs, specifications, and other information in this manual were created based on the latest model at the time of publication.

The parts names used in this manual are unified into names representing the functions of the parts. Therefore, it does not necessarily correspond to the names used in other materials (parts list, operators manual etc.) and the name on the label / identification plates on the product.

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# SUPPLEMENTARY INFORMATION

## Model name and related manuals

This manual applies to the following model.

Model name
M7-132, M7-152, M7-172

Please refer to the following manuals if necessary.

Publication title	Publication No.
M7-131, M7-151, M7-171	9Y121-12185
M7132, M7152, M7172 (Europe)	9Y121-17632

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# CONTENTS

## 1. SAFETY

SAFETY FIRST.....	1-1
1. Working precautions.....	1-1
2. Preparing for emergencies.....	1-1
3. Working cautions.....	1-2
4. Starting machine safely.....	1-2
5. Preventing fires.....	1-3
6. Preventing acid burns.....	1-3
7. Avoiding high pressure fluid.....	1-3
8. Avoiding hot exhaust.....	1-4
9. Cleaning exhaust filter.....	1-4
SAFETY LABELS.....	1-5

## 2. GENERAL

GENERAL.....	2-1
1. General working precautions.....	2-1
2. Tightening bolts and nuts.....	2-1
3. Applying thread-locking fluid.....	2-1
4. Installing circlips.....	2-2
5. Installing spring pins.....	2-2
6. Handling split pin.....	2-2
7. Handling chain joint and split pin.....	2-2
8. Handling liquid gasket.....	2-3
9. Replacing O-rings.....	2-3
10. Replacing oil seals.....	2-3
11. Replacing floating seals.....	2-4
12. Connecting hydraulic hoses.....	2-4
13. Wrapping thread seal tape.....	2-4
14. Installing elbows with male seat.....	2-4
15. Connecting and disconnecting quick hose couplings.....	2-5
16. Handling the battery.....	2-5
17. Handling wire harness.....	2-5
18. Handling fuses.....	2-7
19. Handling connectors.....	2-7
20. Wiring color.....	2-8
21. Washing the machine with a high pressure washer.....	2-8
22. Dispose fluids correctly.....	2-9
23. Using DEF/AdBlue®.....	2-9
TIGHTENING TORQUES.....	2-11
1. General use screws, bolts and nuts.....	2-11
2. Stud bolts.....	2-12
3. Hydraulic fittings.....	2-13
3.1 Hydraulic hose tightening torque.....	2-13
3.2 Hydraulic pipe cap nuts.....	2-13
3.3 Adaptors, elbows and nuts.....	2-13
3.4 Hydraulic pipes tightening torque.....	2-14
3.5 Hydraulic joint nut tightening torque.....	2-15
3.6 Hydraulic pipe joint tightening torque (PT thread).....	2-15
4. Pneumatic fittings.....	2-15
4.1 Tightening torque for pneumatic fittings.....	2-15
TRACTOR IDENTIFICATION.....	2-17
1. Model name and serial number.....	2-17
SPECIFICATION TABLE.....	2-19
TRAVELING SPEEDS.....	2-21

DIMENSIONS .....	2-23
SPECIAL TOOLS .....	2-25
1. General .....	2-25
1.1 Diagnosis tool kit (K-OBD) .....	2-25
1.2 CAN BUS interface .....	2-25
1.3 Tractor CAN BUS connector .....	2-25
2. Engine .....	2-26
2.1 Diesel engine compression tester .....	2-26
2.2 Oil pressure tester .....	2-26
2.3 Diagnosis tool kit .....	2-26
2.4 Valve seat cutter .....	2-26
2.5 Connecting rod alignment tool .....	2-27
2.6 Plastigauge .....	2-27
2.7 Radiator tester .....	2-27
2.8 Compression tester adapter (Glow plug adapter) .....	2-28
2.9 Valve guide replacing tool .....	2-29
2.10 Idle gear bushing replacing tool .....	2-29
2.11 Small end bushing replacing tool .....	2-30
2.12 Balancer shaft bearing replacing tool .....	2-31
2.13 Balancer shaft bearing replacing tool B .....	2-33
2.14 Balancer shaft bearing replacing tool C .....	2-35
2.15 Balancer shaft bearing replacing tool D .....	2-37
2.16 Oil seal installing tool A .....	2-39
2.17 Oil seal installing tool B .....	2-40
2.18 DEF header unit replacing tool (if equipped) .....	2-41
3. Front axle .....	2-42
3.1 Heavy duty front axle .....	2-42
4. Transmission .....	2-61
4.1 Powershift transmission .....	2-61
4.1.1 Eyebolt (M12) .....	2-61
4.1.2 Load ring .....	2-61
4.1.3 Eyebolt .....	2-61
4.1.4 Eyebolt .....	2-61
4.1.5 Basic tool .....	2-61
4.1.6 Gripping device .....	2-62
4.1.7 Plug insert .....	2-62
4.1.8 Basic tool .....	2-62
4.1.9 Driver tool .....	2-62
4.1.10 Measuring support .....	2-62
4.1.11 Straightedge .....	2-63
4.1.12 Handle .....	2-63
4.1.13 Driver tool .....	2-63
4.1.14 Driver tool .....	2-63
4.1.15 Striker .....	2-63
4.1.16 Grab sleeve .....	2-64
4.1.17 Basic tool .....	2-64
4.1.18 Press bush .....	2-64
4.1.19 Grab sleeve .....	2-64
4.1.20 Grab sleeve .....	2-64
4.1.21 Grab sleeve .....	2-65
4.1.22 Basic tool .....	2-65
4.1.23 Puller .....	2-65
4.1.24 Basic tool .....	2-65
4.1.25 Grab sleeve .....	2-65
4.1.26 Sleeve .....	2-66
4.1.27 Locating pin .....	2-66
4.1.28 Locating pin (M10) .....	2-66
4.1.29 Fixture .....	2-66

4.1.30	Extractor	2-66
4.1.31	Plug insert	2-67
4.1.32	Clamping device	2-67
4.1.33	Assembly lever	2-67
4.1.34	Slotted nut wrench	2-67
4.1.35	Clamping bar	2-67
4.1.36	Grab sleeve	2-68
4.1.37	Grab sleeve	2-68
4.1.38	Adjusting screws (M8)	2-68
4.1.39	Adjusting screws (M14)	2-68
4.1.40	Measuring lever	2-68
4.1.41	Driver tool	2-69
4.1.42	Driver tool	2-69
4.1.43	Driver tool	2-69
4.1.44	Clamping device	2-69
4.1.45	Transmission stand with tilting device	2-69
4.1.46	Striker	2-70
4.1.47	Eyebolt	2-70
4.1.48	Assembly fixture	2-70
4.1.49	Centering device	2-70
4.1.50	Handle	2-70
4.1.51	Offset screwdriver	2-71
4.1.52	Plug insert	2-71
4.1.53	Rapid grip	2-71
4.2	CVT	2-71
4.2.1	Adjusting screws	2-71
4.2.2	Striker	2-71
4.2.3	Load carrying fixture	2-72
4.2.4	Assembly aid	2-72
4.2.5	Locating pin	2-72
4.2.6	Locating pin	2-72
5	Rear axle	2-72
5.1	Slotted nut wrench	2-72
5.2	Grab sleeve	2-73
5.3	Socket wrench	2-73
5.4	Slotted nut wrench	2-73
5.5	Grab sleeve	2-73
5.6	Basic tool	2-73
5.7	Assembly fixture	2-74
5.8	Pressure pin	2-74
5.9	Locating pins (M12)	2-74
5.10	Straightedge	2-74
5.11	Spring scale	2-74
5.12	Driver tool	2-75
5.13	Driver tool	2-75
5.14	Driver tool	2-75
5.15	Handle	2-75
5.16	Assembly fixture	2-75
5.17	Insert (M22 × 1.5)	2-76
5.18	Pressure ring	2-76
5.19	Press-fit mandrel	2-76
5.20	Locating pins (M14)	2-76
6	Hydraulic	2-76
6.1	Complete suitcase with component	2-76
6.2	Empty case	2-77
6.3	Adaptor of PST main clutch	2-77
6.4	Adaptor of PST system	2-77
6.5	Adaptor of PST clutch/4WD clutch	2-77

6.6 Adaptor of CVT .....	2-78
6.7 T-joint for differential lock .....	2-78
6.8 Adaptor of PTO .....	2-78
6.9 Adaptor of auxiliary valve .....	2-78
6.10 Kit for pump flow .....	2-79
6.11 Kit for pump flow .....	2-79
6.12 T-joint of steering valve .....	2-79
6.13 Adaptor of front PTO .....	2-79
6.14 Pressure gauge .....	2-79
6.15 Hydraulic cable .....	2-80
6.16 Cylinder safety valve setting pressure adaptor .....	2-80
6.17 Hydraulic cylinder block tool .....	2-82
6.18 Adapter for flow meter .....	2-84
7. Cabin .....	2-84
7.1 General .....	2-84
7.1.1 Toe-in gauge .....	2-84
7.1.2 Cabin lifting tool .....	2-85
7.2 Air conditioner .....	2-91
7.2.1 Air conditioner service tool .....	2-92
7.2.2 Electric gas leak tester .....	2-93
7.2.3 Vacuum pump .....	2-93
7.2.4 Adaptor (for R134a) .....	2-93
7.2.5 Stopper magnetic clutch (for A/C compressor) .....	2-94
7.2.6 Stopper bolt (for A/C compressor) .....	2-95
8. Front suspension .....	2-95
8.1 Accumulator gas charge kit .....	2-95
8.1.1 Pressure reducer .....	2-96
8.1.2 Charging hose .....	2-97
8.1.3 Adaptor .....	2-97

### 3. MAINTENANCE

LUBRICANTS, FUEL AND COOLANT .....	3-1
1. DEF (AdBlue) (If equipped) .....	3-3
1.1 Handling DEF (AdBlue) .....	3-3
1.2 Quality of DEF (AdBlue) .....	3-3
1.3 Adding DEF (AdBlue) .....	3-3
1.4 Draining DEF (AdBlue) .....	3-4
1.5 Storing purchased DEF (AdBlue) .....	3-4
1.6 Storing DEF (AdBlue) in the DEF tank .....	3-5
1.7 Disposing of DEF (AdBlue) .....	3-5
1.8 Handling precautions after stopping the engine .....	3-5
1.9 Precautions when using in cold regions .....	3-5
2. Biodiesel fuel (BDF) B0-B5 .....	3-6
SERVICE INTERVALS .....	3-9
MAINTENANCE ITEMS CHART .....	3-13
CHECK AND MAINTENANCE .....	3-15
1. Daily check .....	3-15
1.1 Walk around inspection .....	3-15
1.2 Checking and refueling .....	3-15
1.3 Checking DEF/AdBlue® level and adding fluid (if equipped) .....	3-15
1.4 Checking pneumatic brake pressure (if equipped) .....	3-16
1.5 Checking water separator .....	3-16
1.6 Checking engine oil level .....	3-17
1.7 Checking transmission fluid level .....	3-17
1.8 Checking coolant level .....	3-18
1.9 Cleaning grill, radiator, and cooler .....	3-18
1.10 Checking DPF muffler / SCR device (if equipped) .....	3-19
1.11 Checking brake pedal .....	3-20

1.12	Checking parking brake .....	3-20
1.13	Checking gauges, meter and Easy Checker.....	3-20
1.14	Checking headlight, turn signal light, hazard light, and so on .....	3-20
1.15	Checking seat belt.....	3-20
1.16	Checking movable parts.....	3-20
2.	Initial 5, 10, 25, and 50 hours .....	3-20
2.1	Tightening bar axle torque.....	3-20
3.	Initial 50 hours .....	3-21
3.1	Changing engine oil .....	3-21
3.2	Replacing engine oil filter .....	3-21
3.3	Checking fan belt .....	3-21
3.4	Replacing transmission oil filter.....	3-21
4.	Every 50 hours .....	3-21
4.1	Checking neutral circuit.....	3-21
4.1.1	Preparation before testing .....	3-21
4.1.2	Testing engine start system .....	3-21
4.1.3	Testing transmission (neutral) control .....	3-21
4.1.4	Testing hydraulic up/down (lock) control.....	3-22
4.1.5	Testing remote hydraulic control (Premium, Premium KVT models) .....	3-22
4.1.6	Testing external rear PTO switch control .....	3-23
4.1.7	Checking operator presence control (OPC) system .....	3-24
4.1.8	Testing operator presence control (OPC) system (Standard, Premium models).....	3-25
4.1.9	Testing operator presence control (OPC) system (Premium KVT model) .....	3-25
4.1.10	Testing operator presence control (OPC) system.....	3-25
4.2	Checking wheel bolt torque.....	3-25
4.3	Checking tie-rod dust cover .....	3-26
4.4	Checking air brake for trailer (if equipped).....	3-26
5.	Every 100 hours .....	3-27
5.1	Cleaning air cleaner primary element .....	3-27
5.1.1	Cleaning pre-cleaner tubes.....	3-27
5.1.2	Replacing secondary element .....	3-27
5.2	Lubricating grease fittings .....	3-28
5.3	Adjusting brake pedal.....	3-29
5.3.1	Checking brake pedal free travel .....	3-29
5.3.2	Checking brake pedal stroke .....	3-30
5.3.3	Checking equalizer working level (anti-imbalance device) .....	3-30
5.4	Adjusting parking brake lever.....	3-30
5.5	Checking battery condition .....	3-30
5.5.1	Charging the battery .....	3-31
5.5.2	Directions for battery storage.....	3-31
5.5.3	How to detach the battery.....	3-32
5.6	Checking front PTO oil (if equipped).....	3-32
6.	Every 200 hours .....	3-32
6.1	Draining fuel tank water .....	3-32
6.2	Adjusting toe-in .....	3-33
6.2.1	Adjusting toe-in procedure.....	3-33
6.3	Cleaning inner air filter .....	3-33
6.4	Cleaning fresh air filter .....	3-34
6.4.1	Cleaning the filter.....	3-34
7.	Every 400 hours .....	3-34
7.1	Checking fan belt tension.....	3-34
7.1.1	Replacing the belt .....	3-35
7.2	Cleaning water separator .....	3-36
7.3	Cleaning fuel solenoid pump element .....	3-36
8.	Initial 500 hours .....	3-37
8.1	Changing transmission fluid.....	3-37
8.2	Changing rear axle case oil.....	3-37
8.3	Replacing transmission oil filter.....	3-37

9. Every 500 hours .....	3-37
9.1 Changing engine oil .....	3-37
9.2 Replacing engine oil filter .....	3-38
9.3 Cleaning pre-fuel filter .....	3-38
9.4 Replacing fuel filter.....	3-39
9.5 Replacing hydraulic oil filter (suction).....	3-39
9.6 Replacing hydraulic oil filter (return).....	3-41
9.7 Replacing power steering oil filter .....	3-41
9.8 Checking radiator hose and clamp.....	3-42
9.8.1 Overheating countermeasures .....	3-43
9.9 Checking fuel line .....	3-43
9.10 Checking intake air line .....	3-44
9.11 Checking brake hose.....	3-44
9.12 Checking differential lock hose.....	3-44
9.13 Checking lift cylinder hose .....	3-44
9.14 Checking power steering line .....	3-45
9.15 Checking oil cooler line .....	3-45
9.16 Checking front suspension hose .....	3-45
9.17 Checking air conditioner pipe and hose .....	3-46
9.18 Checking air conditioner drive belt .....	3-46
9.18.1 Replacing the belt .....	3-46
9.19 Changing front PTO oil (if equipped).....	3-46
10. Every 1000 hours .....	3-47
10.1 Changing transmission fluid .....	3-47
10.2 Replacing transmission oil filter.....	3-48
10.3 Changing rear axle case oil.....	3-49
10.4 Changing front differential case oil.....	3-49
10.5 Changing front axle gear case oil.....	3-49
10.6 Checking valve clearance .....	3-50
11. Every 1000 hours or 1 Year .....	3-50
11.1 Replacing air cleaner primary element and secondary element.....	3-51
11.2 Checking exhaust manifold .....	3-51
12. Every 1500 hours .....	3-51
12.1 Cleaning fuel injector nozzle tip .....	3-51
12.2 Checking DEF/AdBlue® injector tip (if equipped).....	3-51
12.3 Checking DEF (AdBlue) line (if equipped) .....	3-52
12.4 Replacing oil separator element.....	3-52
12.5 Checking positive crankcase ventilation (PCV) valve .....	3-53
12.6 Checking and cleaning EGR cooler (if equipped) .....	3-53
12.7 Checking accumulator gas pressure (Front suspension type).....	3-53
13. Every 2000 hours or 2 years .....	3-54
13.1 Flushing cooling system and changing coolant.....	3-54
13.2 Antifreeze .....	3-55
14. Every 3000 hours .....	3-56
14.1 Checking turbocharger.....	3-56
14.1.1 Checking turbine side of turbocharger.....	3-56
14.1.2 Checking compressor side of turbocharger .....	3-56
14.2 Checking supply pump.....	3-57
14.3 Checking and cleaning EGR system (if equipped).....	3-57
14.4 Cleaning DPF muffler (if equipped).....	3-57
14.5 Checking DEF/AdBlue® injector (if equipped).....	3-57
14.6 Replacing DEF pump filter (if equipped) .....	3-58
15. Every 8000 hours .....	3-59
15.1 Replacing DEF/AdBlue® tank filter (if equipped).....	3-59
16. Every 3 months.....	3-59
16.1 Checking the quality of DEF (AdBlue) (if equipped).....	3-59
17. Every 1 year .....	3-59
17.1 Checking DPF differential pressure sensor pipe (if equipped).....	3-59

17.2 Checking EGR pipe (if equipped).....	3-59
17.3 Checking CAB isolation cushion .....	3-60
17.4 Checking oil separator hose.....	3-60
18. Every 2 years.....	3-60
18.1 Replacing DPF differential pressure sensor hose (if equipped).....	3-60
18.2 Replacing boost sensor hose.....	3-61
19. Every 3 years.....	3-61
19.1 Removing parking brake cable.....	3-61
20. Every 4 years.....	3-61
20.1 Replacing radiator hose (water pipes) .....	3-61
20.2 Replacing oil cooler line .....	3-61
20.3 Replacing intake air line .....	3-61
20.4 Replacing oil separator hose.....	3-62
20.5 Replacing oil cooler line .....	3-62
20.6 Replacing power steering hose.....	3-62
20.7 Replacing lift cylinder hose .....	3-62
20.8 Replacing differential lock hose.....	3-62
20.9 Replacing front suspension hose (Front suspension type) .....	3-63
20.10 Replacing brake hose .....	3-64
20.11 Replacing air conditioner hose .....	3-64
21. Service as required.....	3-64
21.1 Bleeding fuel system .....	3-64
21.2 Bleeding brake system.....	3-64
21.3 Replacing fuses.....	3-65
21.4 Replacing light bulb .....	3-68
21.5 Replacing headlight bulb.....	3-68
21.6 Lubricating points for door and window.....	3-68
21.7 Adding washer liquid .....	3-68
21.8 Checking amount of refrigerant (gas).....	3-68
21.9 Washing the tractor .....	3-69

## 4. ENGINE

MECHANISM .....	4-1
1. Features of the engine.....	4-1
2. Engine body.....	4-1
2.1 Structure of cylinder block.....	4-1
2.2 Function of center direct injection system (E-CDIS) .....	4-2
2.3 Function of piston.....	4-2
2.4 Function of balancer.....	4-2
3. Lubricating system.....	4-3
3.1 Function of oil cooler .....	4-3
3.2 Function of oil separator.....	4-3
4. Cooling system .....	4-4
4.1 Thermostat .....	4-4
4.1.1 Structure of thermostat .....	4-4
4.1.2 Operation of thermostat .....	4-5
4.1.3 Flow characteristic of thermostat .....	4-6
4.2 Function of bottom bypass system.....	4-6
4.3 Structure diagram of the cooling system.....	4-7
4.4 Function of viscous coupling fan .....	4-10
5. Common rail system (CRS).....	4-11
5.1 Structure of the common rail system.....	4-11
5.2 Outline of fuel system.....	4-13
5.3 Structure of supply pump .....	4-14
5.3.1 Function of feed pump .....	4-14
5.3.2 Function of regulating valve.....	4-14
5.3.3 Function of suction control valve (SCV).....	4-15
5.3.4 Function of pump unit .....	4-16

5.3.5	Function of delivery valve .....	4-16
5.3.6	Function of fuel temperature sensor .....	4-16
5.4	Function of rail.....	4-16
5.5	Function of injector.....	4-17
5.5.1	Operation of injector .....	4-19
5.5.2	Electrical circuit of injector drive .....	4-21
5.5.3	Function of injector QR/ID codes .....	4-21
5.5.4	Handling of injectors with QR codes (Reference).....	4-21
5.6	Engine control system.....	4-22
5.6.1	Diagram of engine control system .....	4-22
5.6.2	Function of the engine electronic control unit (ECU) .....	4-25
5.6.3	Sensors.....	4-25
6.	Exhaust gas recirculation (EGR) system (if equipped).....	4-30
6.1	General structure of EGR system .....	4-30
6.1.1	Structure of high pressure EGR system .....	4-32
6.1.2	Structure of low pressure EGR system.....	4-32
6.2	Function of EGR valve .....	4-33
6.2.1	Function of EGR valve lift sensor .....	4-34
6.3	Function of reed valve.....	4-34
7.	After treatment system (if equipped) .....	4-35
7.1	Schematic diagram of after treatment devices.....	4-35
7.2	Components.....	4-36
7.2.1	Function of diesel oxidation catalyst (DOC).....	4-36
7.2.2	Function of diesel particulate filter (DPF).....	4-36
7.2.3	Function of intake throttle valve .....	4-36
7.2.4	Function of air flow sensor.....	4-36
7.2.5	Function of temperature sensor.....	4-37
7.2.6	Function of differential pressure sensor.....	4-37
7.2.7	Function of selective catalytic reduction (SCR) .....	4-37
7.2.8	Function of diesel exhaust fluid (DEF) pump.....	4-38
7.2.9	Function of DEF injector .....	4-38
7.2.10	Function of the DEF tank .....	4-39
7.2.11	Function of coolant valve .....	4-39
7.2.12	Function of after treatment control unit (ACU).....	4-40
7.3	SCR system .....	4-41
7.3.1	Outline of the SCR system .....	4-41
7.3.2	Flow of coolant and DEF in SCR system.....	4-42
7.3.3	Process of thaw control .....	4-42
7.3.4	Warning indication and countermeasures.....	4-42
7.4	DPF regeneration system .....	4-46
7.4.1	Outline of regeneration mode .....	4-46
7.4.2	Function of indicators and switch lamps .....	4-47
SERVICING	.....	4-49
1.	Troubleshooting for engine .....	4-49
2.	Service specifications for engine .....	4-53
3.	Tightening torques for engine .....	4-57
4.	Checking, disassembling, and servicing.....	4-59
4.1	Checking and adjusting.....	4-59
4.1.1	Engine body.....	4-59
4.1.2	Lubricating system .....	4-60
4.1.3	Cooling system .....	4-60
4.1.4	Turbocharger .....	4-63
4.2	Preparation.....	4-63
4.2.1	Separating cabin from tractor .....	4-63
4.2.2	Removing SCR (if equipped) .....	4-79
4.2.3	Removing DPF muffler (if equipped).....	4-80
4.2.4	Removing exhaust pipes .....	4-82
4.2.5	Oil cooler pipe, wire harness, fuel hose .....	4-83

4.2.6 Main frame .....	4-83
4.3 Disassembling and assembling .....	4-85
4.3.1 DPF muffler (if equipped) .....	4-85
4.3.2 External components .....	4-87
4.3.3 Exhaust gas recirculation (EGR) (Low pressure side) (if equipped) .....	4-88
4.3.4 Turbocharger .....	4-88
4.3.5 Exhaust gas recirculation (EGR) (High pressure side) (if equipped) .....	4-89
4.3.6 Common rail system (CRS) .....	4-90
4.3.7 Cylinder head and valve .....	4-92
4.3.8 Thermostat .....	4-99
4.3.9 Water pump and oil cooler .....	4-99
4.3.10 Front cover .....	4-100
4.3.11 Flywheel and flywheel housing .....	4-101
4.3.12 Piston and connecting rod .....	4-106
4.3.13 Crankshaft and crankcase .....	4-110
4.3.14 Timing gears .....	4-111
4.4 Servicing .....	4-112
4.4.1 Cylinder head and valve .....	4-112
4.4.2 Timing gears .....	4-120
4.4.3 Piston and connecting rod .....	4-125
4.4.4 Crankshaft .....	4-128
4.4.5 Cylinder .....	4-131
4.4.6 Oil pump .....	4-132
4.5 Replacing .....	4-133
4.5.1 Replacing supply pump .....	4-133
4.5.2 Replacing injector .....	4-135
4.5.3 Replacing engine ECU .....	4-137
4.5.4 Replacing the DPF (if equipped) .....	4-140
4.5.5 Replacing the SCR (if equipped) .....	4-147
4.5.6 Replacing the ACU (if equipped) .....	4-147
4.5.7 Replacing the DEF injector (if equipped) .....	4-151
4.5.8 Replacing the header unit of the DEF tank (if equipped) .....	4-153

## 5. TRANSMISSION

MECHANISM .....	5-1
1. Power shift .....	5-1
1.1 Structure .....	5-1
1.1.1 Structure of power shift traveling system .....	5-1
1.1.2 Structure of PTO (Power shift) .....	5-3
1.2 Operation of power train .....	5-4
1.2.1 Operation of power shift section .....	5-4
1.2.2 Operation of range and creep shift section .....	5-6
1.2.3 Operation of PTO shift section .....	5-6
1.3 Hydraulic control of power shift .....	5-7
1.3.1 Hydraulic circuit .....	5-7
1.3.2 Component parts of power shift hydraulic control system .....	5-10
1.4 Electric control system .....	5-16
1.4.1 Electrical control system of power shift .....	5-16
1.4.2 Power shift transmission - switch and sensor location .....	5-17
1.4.3 Component parts .....	5-18
2. CVT .....	5-25
2.1 Structure .....	5-25
2.1.1 Traveling system of CVT .....	5-25
2.1.2 Structure of PTO (CVT) .....	5-27
2.2 Operation of power train .....	5-28
2.2.1 Operation principle of CVT .....	5-28
2.2.2 Driving chart and gear shift pattern of CVT .....	5-29
2.3 Hydraulic system .....	5-32

2.3.1 Hydraulic circuit .....	5-32
2.3.2 Component parts of CVT hydraulic control system .....	5-33
2.4 Electric control system .....	5-35
2.4.1 Electric control system of CVT .....	5-35
2.4.2 CVT - switch and sensor location .....	5-36
2.4.3 Component parts .....	5-36
3. Front PTO .....	5-37
3.1 Structure of front PTO .....	5-37
3.2 Hydraulic circuit of front PTO .....	5-38
3.3 System component of front PTO .....	5-39
3.3.1 Front PTO soft start control .....	5-40
SERVICING .....	5-41
1. Power shift .....	5-41
1.1 Troubleshooting for transmission (Power shift) .....	5-41
1.2 Service specifications for transmission (Power shift) .....	5-47
1.3 Tightening torques for transmission (Power shift) .....	5-48
1.4 Checking and adjusting .....	5-50
1.4.1 System pressure .....	5-50
1.4.2 Hydraulic control for power shift .....	5-50
1.4.3 Main clutch .....	5-51
1.4.4 PTO clutch .....	5-51
1.4.5 Differential lock .....	5-52
1.4.6 4 wheel drive .....	5-52
1.4.7 Lubrication .....	5-53
1.5 Preparation .....	5-53
1.5.1 Separating power shift transmission from tractor .....	5-53
1.5.2 Separating rear axle case from transmission case .....	5-69
1.6 Disassembling .....	5-72
1.6.1 Removing range shift valve (IRS valve) (without removing cabin) .....	5-72
1.6.2 Removing powershift valve block (without removing cabin) .....	5-73
1.6.3 Removing damper disc .....	5-76
1.6.4 Removing input shaft .....	5-76
1.6.5 Removing clutch housing from transmission housing .....	5-77
1.6.6 Disassembling clutch housing .....	5-78
1.6.7 Disassembling transmission housing .....	5-90
1.7 Assembling .....	5-116
1.7.1 Assembling clutch housing .....	5-116
1.7.2 Assembling transmission housing .....	5-139
1.7.3 Mounting clutch housing to transmission housing .....	5-193
1.7.4 Installing input shaft .....	5-196
1.7.5 Installing oil supply .....	5-197
1.7.6 Adjusting crawler gear shift system .....	5-198
1.7.7 Mounting main transmission to rear axle .....	5-199
1.7.8 Closing components .....	5-202
2. CVT .....	5-204
2.1 Troubleshooting for transmission (CVT) .....	5-204
2.2 Service specifications for transmission (CVT) .....	5-207
2.3 Tightening torques for transmission (CVT) .....	5-208
2.4 Checking and adjusting .....	5-210
2.4.1 Checking system pressure .....	5-210
2.4.2 Checking lubrication pressure .....	5-210
2.4.3 Checking 4 wheel drive operating pressure .....	5-210
2.4.4 Checking PTO clutch operating pressure .....	5-210
2.4.5 Checking differential lock operating pressure .....	5-211
2.4.6 CF, CR, C1, C2, C3, C4 and BG clutch .....	5-211
2.4.7 Diagnostic protocol of KVT model .....	5-212
2.5 Preparation .....	5-216
2.5.1 Separating CVT from tractor .....	5-216

2.6 Disassembling .....	5-239
2.6.1 Removing speed sensor, pressure sensor, solenoid valve and inductive sensor .....	5-239
2.6.2 Removing clutch control .....	5-240
2.6.3 Removing oil supply .....	5-242
2.6.4 Removing system control .....	5-243
2.6.5 Removing hydraulic unit .....	5-245
2.7 Assembling .....	5-249
2.7.1 Assembling hydraulic unit .....	5-249
2.7.2 Assembling system control .....	5-254
2.7.3 Assembling oil supply .....	5-257
2.7.4 Assembling clutch control .....	5-259
2.7.5 Assembling inductive sensor, solenoid valve, pressure sensor, speed sensor and speed transmitter .....	5-264
3. Rear component .....	5-266
3.1 Disassembling .....	5-266
3.1.1 Disassembling differential .....	5-266
3.1.2 Disassembling PTO .....	5-268
3.1.3 Oil supply and power lift .....	5-273
3.2 Assembling .....	5-277
3.2.1 Power lift and oil supply .....	5-277
3.2.2 PTO .....	5-286
3.2.3 Differential .....	5-296
4. Front PTO .....	5-302
4.1 Troubleshooting for transmission (Front PTO) .....	5-302
4.2 Service specifications for transmission (Front PTO) .....	5-303
4.3 Checking and adjusting .....	5-304
4.3.1 Clutch pressure .....	5-304
4.3.2 Pump pressure .....	5-304
4.4 Preparation .....	5-304
4.4.1 Separating front PTO from tractor .....	5-304
4.5 Disassembling .....	5-307
4.5.1 Oil pump .....	5-307
4.5.2 PTO unit .....	5-308
4.5.3 Clutch .....	5-309
4.5.4 Piston .....	5-311
4.6 Assembling .....	5-312
4.6.1 Clutch .....	5-312
4.6.2 PTO unit .....	5-313
4.6.3 Oil pump .....	5-314

## 6. REAR AXLE

MECHANISM .....	6-1
1. Structure .....	6-1
1.1 Structure of rear axle .....	6-1
1.2 Structure of bar axle .....	6-2
1.2.1 Structure of classical type bar axle .....	6-2
1.2.2 Structure of plug on type bar axle .....	6-2
SERVICING .....	6-3
1. Troubleshooting for rear axle .....	6-3
2. Tightening torques for rear axle .....	6-4
3. Checking, disassembling, and servicing .....	6-5
3.1 Preparation .....	6-5
3.1.1 Separating rear axle from tractor .....	6-5
3.2 Disassembling .....	6-6
3.2.1 Disassembling planetary gear .....	6-6
3.2.2 Disassembling rear axle shaft .....	6-7
3.3 Assembling .....	6-8
3.3.1 Assembling rear axle shaft .....	6-8

3.3.2 Assembling rear axle shaft into rear axle end drive .....	6-9
3.3.3 Assembling planetary gear .....	6-10
3.3.4 Assembling planetary carrier into rear axle shaft.....	6-12
3.3.5 Assembling rear axle end drive installation into rear axle housing .....	6-12

## 7. BRAKES

MECHANISM .....	7-1
1. Traveling brake .....	7-1
1.1 Structure of traveling brake .....	7-1
1.2 Mechanism of traveling brake .....	7-3
1.3 Component parts.....	7-3
1.3.1 Master cylinder .....	7-3
1.3.2 Brake pressure switch .....	7-3
1.3.3 Traveling brake switch .....	7-4
1.3.4 Emergency brake accumulator .....	7-4
2. Parking brake .....	7-4
2.1 Structure of parking brake .....	7-4
2.2 Outline of parking brake switch .....	7-4
3. Hydraulic trailer brake.....	7-5
3.1 Structure of hydraulic trailer brake .....	7-5
3.2 Component parts.....	7-6
3.2.1 Function of hydraulic trailer brake valve .....	7-6
3.2.2 Operation .....	7-7
4. Air trailer brake .....	7-10
4.1 Structure of air trailer brake.....	7-10
4.2 Air pressure circuit .....	7-11
4.3 Component parts.....	7-12
4.4 Air compressor .....	7-12
4.5 Function of air compressor.....	7-12
4.6 Regulator valve .....	7-12
4.7 Function of regulator valve .....	7-12
4.8 Pneumatic pressure switch .....	7-12
4.9 Function of pneumatic pressure switch .....	7-12
4.10 Trailer air brake control valve (Dual line).....	7-13
4.11 Function of trailer air brake control valve (Dual line) .....	7-13
4.12 Trailer air brake control valve (Single line) .....	7-14
4.13 Function of trailer air brake control valve (Single line) .....	7-14
SERVICING .....	7-15
1. Troubleshooting for brakes .....	7-15
2. Service specifications for brakes .....	7-16
3. Tightening torques for brakes .....	7-17
4. Checking, disassembling, and servicing.....	7-18
4.1 Checking and adjusting.....	7-18
4.1.1 Adjusting brake pedal free travel .....	7-18
4.1.2 Checking brake pedal stroke .....	7-18
4.1.3 Checking brake hose .....	7-19
4.1.4 Adjusting brake .....	7-19
4.1.5 Adjusting parking brake lever free play.....	7-19
4.1.6 Checking brake accumulator pressure .....	7-20
4.1.7 Checking air trailer brake (If equipped).....	7-20
4.1.8 Testing hydraulic trailer brake (If equipped).....	7-21
4.1.9 Bleeding brake system .....	7-21
4.2 Disassembling and assembling.....	7-22
4.2.1 Service brake.....	7-22
4.2.2 Parking brake.....	7-29
4.2.3 Hydraulic trailer brake valve (If equipped) .....	7-32
4.2.4 Air trailer brake control valve (If equipped) .....	7-32
4.2.5 Brake .....	7-33

## 8. FRONT AXLE

MECHANISM .....	8-1
1. Front axle.....	8-1
1.1 Structure of heavy duty front axle .....	8-1
2. Front suspension system.....	8-5
2.1 Outline of front suspension .....	8-5
2.2 Control of front suspension .....	8-6
2.2.1 Function of suspension mode .....	8-6
2.2.2 Front suspension mode change conditions .....	8-6
2.2.3 Front suspension indicator conditions .....	8-7
2.3 Structure of front suspension .....	8-8
2.4 Hydraulic system of front suspension .....	8-9
2.4.1 Hydraulic system outline of front suspension .....	8-9
2.4.2 Hydraulic circuit of front suspension .....	8-10
2.4.3 Hydraulic system operation of front suspension .....	8-11
2.4.4 Component parts .....	8-14
2.5 Electrical system of front suspension.....	8-17
2.5.1 Electrical system outline of front suspension.....	8-17
2.5.2 Electrical diagram of front suspension.....	8-18
2.5.3 Electrical component parts .....	8-19
SERVICING .....	8-21
1. Troubleshooting for front axle .....	8-21
2. Service specifications for front axle .....	8-24
3. Tightening torques for front axle .....	8-25
4. Checking and adjusting .....	8-27
4.1 All type .....	8-27
4.1.1 Checking toe-in.....	8-27
4.1.2 Checking tie-rod dust cover .....	8-27
4.1.3 Checking axial sway of front wheel.....	8-27
4.2 Front suspension type.....	8-27
4.2.1 Suspension control valve .....	8-27
4.2.2 Accumulator gas pressure .....	8-28
5. Preparation .....	8-29
5.1 Draining lubricants .....	8-29
5.1.1 Heavy duty front axle .....	8-29
5.2 Separating front axle .....	8-30
5.2.1 Rigid type.....	8-30
5.2.2 Front axle suspension type.....	8-38
6. Disassembling .....	8-43
6.1 Heavy duty front axle .....	8-43
6.1.1 Disassembling swinging support .....	8-43
6.1.2 Disassembling planetary reduction gear.....	8-44
6.1.3 Disassembling steering knuckle and steering sensor.....	8-47
6.1.4 Disassembling steering cylinder .....	8-51
6.1.5 Disassembling differential unit .....	8-53
6.1.6 Disassembling bevel pinion .....	8-57
6.2 Front suspension component parts.....	8-60
6.2.1 Removing front suspension control valve .....	8-60
6.2.2 Removing accumulator .....	8-60
7. Assembling .....	8-61
7.1 Heavy duty front axle .....	8-61
7.1.1 Assembling swinging support .....	8-61
7.1.2 Assembling planetary reduction gear .....	8-62
7.1.3 Assembling steering knuckle and steering sensor.....	8-65
7.1.4 Assembling steering cylinder .....	8-71
7.1.5 Assembling differential unit.....	8-74
7.1.6 Assembling bevel pinion .....	8-78

8. Servicing .....	8-84
8.1 Adjusting king pin preload .....	8-84
8.2 Adjusting backlash between differential pinion and differential side gear .....	8-85
8.3 Adjusting turning torque of pinion shaft .....	8-85

## 9. STEERING

MECHANISM .....	9-1
1. Power steering type .....	9-1
1.1 Structure of power steering .....	9-1
1.2 Hydraulic system .....	9-2
1.2.1 Hydraulic circuit of power steering .....	9-2
1.2.2 Component parts .....	9-3
2. Auto steering .....	9-4
2.1 Structure of auto steering .....	9-4
2.2 Hydraulic system .....	9-5
2.2.1 Hydraulic circuit of auto steering .....	9-5
2.2.2 Operation .....	9-6
2.3 Electrical system .....	9-7
2.3.1 Outline of auto steering electric system .....	9-7
2.3.2 Component parts .....	9-8
SERVICING .....	9-11
1. Troubleshooting for steering .....	9-11
2. Service specifications for steering .....	9-13
3. Tightening torques for steering .....	9-14
4. Checking, disassembling, and servicing .....	9-16
4.1 Checking and adjusting .....	9-16
4.1.1 Checking power steering relief valve pressure .....	9-16
4.2 Preparation .....	9-16
4.2.1 Separating front axle .....	9-16
4.2.2 Separating steering cylinder from tractor .....	9-16
4.3 Disassembling and assembling .....	9-19
4.3.1 Steering cylinder .....	9-19
4.3.2 Steering controller .....	9-25
4.4 Auto steering installation .....	9-34
4.4.1 i-Box .....	9-34
4.4.2 GPS modem .....	9-34
4.4.3 GPS cable .....	9-36
4.4.4 GPS receiver .....	9-40
4.4.5 Terminal .....	9-41
4.4.6 Auto steering switch .....	9-42
4.4.7 Configuration and calibration .....	9-42

## 10. HYDRAULIC SYSTEM

MECHANISM .....	10-1
1. Outline .....	10-1
1.1 Specification for hydraulics .....	10-1
2. Control and operation .....	10-1
2.1 3-point hitch control system .....	10-1
2.1.1 Terminology ( <b>Standard, Deluxe</b> models) .....	10-1
2.1.2 Terminology ( <b>Premium</b> and <b>Premium KVT</b> models) .....	10-2
2.1.3 Function of 3-point hitch lock button .....	10-3
2.1.4 Function of position, mix draft, auto draft control .....	10-3
2.1.5 Function of 3-point hitch depth control adjustment dial .....	10-6
2.1.6 Function of lift arm top limit adjustment dial (Standard model, Deluxe model (NA)) .....	10-6
2.1.7 Function of lift arm top limit adjustment key (Premium and Premium KVT model) .....	10-6
2.1.8 Function of 3-point hitch lowering speed adjustment dial (Standard model, Deluxe model (NA)) .....	10-7

2.1.9 Function of 3-point hitch lowering speed adjustment key (Premium and Premium KVT model) .....	10-7
2.1.10 Function of 3-point quick raise and lower switches .....	10-7
2.1.11 Function of ride control switch.....	10-9
2.1.12 Function of wheel slip control key (Premium and Premium KVT).....	10-11
2.2 Auxiliary valve control system .....	10-12
2.2.1 Function of flow control knob (Standard model, Deluxe model) .....	10-12
2.2.2 Function of oil flow control key (Premium and Premium KVT model).....	10-12
2.2.3 Function of priority control key (Premium and Premium KVT model).....	10-12
2.2.4 Function of timer control key (Premium and Premium KVT model).....	10-12
3. Hydraulic circuit .....	10-13
3.1 Hydraulic circuit for auxiliary control valves and front suspension (Premium and Premium KVT model) .....	10-13
3.2 Hydraulic circuit for auxiliary control valves and front suspension (Standard model) .....	10-14
3.3 Hydraulic circuit for auxiliary control valves and front suspension (Deluxe model).....	10-15
3.4 Hydraulic circuit for steering and brakes .....	10-16
4. Structure .....	10-17
4.1 Structure of hydraulic lines for Standard model .....	10-17
4.1.1 Structure of hydraulic lines connected to pumps .....	10-17
4.1.2 Structure of hydraulic lines for auxiliary control valve and 3-point hitch .....	10-18
4.1.3 Structure of hydraulic lines for steering system .....	10-19
4.1.4 Structure of hydraulic lines for front suspension .....	10-20
4.1.5 Structure of hydraulic lines for brakes .....	10-21
4.2 Structure of hydraulic lines for Premium and Deluxe model .....	10-22
4.2.1 Structure of hydraulic lines connected to pumps .....	10-22
4.2.2 Structure of hydraulic lines for auxiliary control valve and 3-point hitch .....	10-23
4.2.3 Structure of hydraulic lines for steering system .....	10-24
4.2.4 Structure of hydraulic lines for front suspension .....	10-25
4.2.5 Structure of hydraulic lines for brakes .....	10-26
4.3 Structure of hydraulic lines for Premium KVT model .....	10-27
4.3.1 Structure of hydraulic lines connected to pumps (Premium-KVT model) .....	10-27
4.3.2 Structure of hydraulic lines for auxiliary control valve and 3-point hitch .....	10-28
4.3.3 Structure of hydraulic lines for steering system .....	10-29
4.3.4 Structure of hydraulic lines for front suspension .....	10-30
4.3.5 Structure of hydraulic lines for brakes .....	10-31
5. Component parts .....	10-32
5.1 Component parts for Standard model .....	10-32
5.1.1 Outline of hydraulic components for Standard model .....	10-32
5.1.2 Function of pressure compensator valve .....	10-32
5.1.3 Function of auxiliary control valve (SB23-M, Type A) .....	10-34
5.2 Component parts for Deluxe model .....	10-37
5.2.1 Outline of hydraulic components for Deluxe model .....	10-37
5.2.2 Axial piston variable pump .....	10-38
5.2.3 Function of auxiliary control valve (SB23-M, Type A) .....	10-41
5.3 Component parts for Premium and Premium KVT model .....	10-44
5.3.1 Outline of hydraulic components for Premium and Premium KVT model .....	10-44
5.3.2 Axial piston variable pump .....	10-45
5.3.3 Function of pilot valve .....	10-48
5.3.4 Function of auxiliary control valve (SB23-EHS1) .....	10-48
5.4 3-point hitch control valve (All models) .....	10-49
5.4.1 Function of 3-point hitch control valve .....	10-49
5.5 High pressure selecting valve .....	10-50
5.5.1 Type of high pressure selecting valve .....	10-50
5.6 Electric component .....	10-50
5.6.1 3-point hitch control unit (VCU2).....	10-50
5.6.2 Rear hitch position sensor .....	10-51
5.6.3 Draft sensor .....	10-51
SERVICING .....	10-53

1. Standard model .....	10-53
1.1 Service specifications for hydraulic system (Standard model) .....	10-53
1.2 Tightening torques for hydraulic system (Standard model) .....	10-54
1.3 Checking and adjusting .....	10-55
1.3.1 Hydraulic pump for three-point hitch .....	10-55
1.3.2 Three point hitch system .....	10-55
1.3.3 Auxiliary control valve linkage .....	10-56
1.4 Disassembling and assembling .....	10-56
1.4.1 Hydraulic pump for three-point hitch .....	10-56
1.4.2 Hydraulic pump for transmission and steering .....	10-58
1.4.3 Auxiliary control valves .....	10-60
1.4.4 Power lift .....	10-62
1.4.5 Front 3-point hitch .....	10-65
2. Deluxe model .....	10-68
2.1 Troubleshooting for hydraulic system (Deluxe model) .....	10-68
2.2 Service specifications for hydraulic system (Deluxe model) .....	10-70
2.3 Tightening torques for hydraulic system (Deluxe model) .....	10-71
2.4 Checking and adjusting .....	10-72
2.4.1 Hydraulic pump for three-point hitch .....	10-72
2.4.2 Three point hitch system .....	10-72
2.4.3 Auxiliary control valve linkage .....	10-73
2.5 Disassembling and assembling .....	10-73
2.5.1 Hydraulic pump for three-point hitch .....	10-73
2.5.2 Hydraulic pump for transmission and steering .....	10-75
2.5.3 Auxiliary control valves .....	10-77
2.5.4 Power lift .....	10-79
2.5.5 Front 3-point hitch .....	10-82
3. Premium model and premium KVT model .....	10-85
3.1 Troubleshooting for hydraulic system (Premium and Premium KVT model) .....	10-85
3.2 Service specifications for hydraulic system (Premium and Premium KVT model) .....	10-87
3.3 Tightening torques for hydraulic system (Premium model and Premium KVT model) .....	10-88
3.4 Checking and adjusting .....	10-89
3.4.1 Hydraulic pump for three-point hitch .....	10-89
3.4.2 Three point hitch system .....	10-89
3.5 Disassembling and assembling .....	10-90
3.5.1 Hydraulic pump for three-point hitch .....	10-90
3.5.2 Hydraulic pump for transmission and steering .....	10-92
3.5.3 Auxiliary control valves .....	10-93
3.5.4 Power lift .....	10-98
3.5.5 Front 3-point hitch .....	10-101

## 11. ELECTRICAL SYSTEM

MECHANISM .....	11-1
1. Starting system .....	11-1
1.1 System outline and electrical circuit .....	11-1
2. Instrument panel .....	11-3
3. K-Monitor (Terminal Monitor) .....	11-4
3.1 Specification of terminal monitor .....	11-4
3.2 ISOBUS .....	11-5
3.3 Outline of K-monitor .....	11-6
3.4 Outline of K-monitor pro .....	11-6
3.5 Outline of terminal display .....	11-7
4. Armrest .....	11-8
4.1 Outline of standard model armrest .....	11-8
4.2 Outline of premium model armrest .....	11-8
4.3 Outline of premium-KVT armrest .....	11-8
4.4 Outline of joystick model armrest .....	11-8
5. Controller area network (CAN) communication .....	11-9

6. ISOBUS .....	11-11
6.1 Outline of ISOBUS socket.....	11-11
6.2 Outline of ISOBUS monitor socket.....	11-12
7. Headland management system.....	11-12
7.1 Outline.....	11-12
7.1.1 Outline of headland management system .....	11-12
7.1.2 Programming headland management system .....	11-12
7.1.3 Handling headland management system .....	11-12
7.1.4 Program list.....	11-14
7.2 Structure of headland management system .....	11-18
7.3 Components.....	11-19
7.3.1 Outline of ARU.....	11-19
7.3.2 Outline of terminal monitor.....	11-19
7.3.3 Outline of VCU2.....	11-19
SERVICING .....	11-21
1. Troubleshooting for electrical system .....	11-21
2. Service specifications for electrical system .....	11-26
2.1 Harness list .....	11-27
2.2 Engine system.....	11-29
2.3 Driving system.....	11-34
2.4 PTO and hydraulic system .....	11-40
2.5 Cabin system .....	11-44
2.6 Trailer brake system.....	11-48
2.7 Operation switch .....	11-49
2.8 Joint connector.....	11-54
2.9 GND .....	11-62
2.10 Control unit.....	11-65
3. Tightening torques for electrical system .....	11-76
4. Diagnostic trouble code (DTC) .....	11-77
4.1 Diagnostic trouble code for ECU.....	11-77
4.2 Diagnostic trouble code for ACU.....	11-86
4.3 Diagnostic trouble code for TCU (powershift) .....	11-98
4.4 Diagnostic trouble code for TCU (CVT) .....	11-116
4.5 Diagnostic trouble code for VDC .....	11-128
4.6 Diagnostic trouble code for VCU1 .....	11-142
4.7 Diagnostic trouble code for VCU2.....	11-144
4.8 Diagnostic trouble code for ARU.....	11-200
4.9 Diagnostic trouble code for SWP .....	11-209
4.10 Diagnostic trouble code for CEU.....	11-211
4.11 Diagnostic trouble code for TECU .....	11-214
4.12 Diagnostic trouble code for SCM .....	11-222
4.13 Diagnostic trouble code for NAC.....	11-233
5. Checking and adjusting .....	11-235
5.1 Checking and adjusting by terminal monitor .....	11-235
5.1.1 Warning / error message on terminal monitor.....	11-235
5.1.2 DTC message on terminal monitor .....	11-235
5.1.3 DTC history on terminal monitor .....	11-235
5.1.4 DTC (SPN, FMI) on terminal monitor.....	11-236
5.1.5 ECU/ACU trouble on terminal monitor.....	11-236
5.1.6 TCU/VDC/VCU1/VCU2/ARU/SWP trouble on terminal monitor .....	11-236
5.1.7 DTC search application .....	11-236
5.1.8 Updating terminal monitor version .....	11-237
5.2 Checking and adjusting by instrument panel .....	11-239
5.2.1 Diagnostic trouble code (DTC) .....	11-239
5.2.2 SCR trouble (if equipped) .....	11-241
5.2.3 DPF trouble indication in instrument panel (if equipped).....	11-245
5.2.4 CAN communication trouble indication in instrument panel .....	11-247
5.2.5 Mode and item selection (if equipped).....	11-247

5.3 Control unit.....	11-249
5.3.1 Vehicle control unit1 (VCU1) (A84).....	11-249
5.3.2 Vehicle control unit2 (VCU2) (A83).....	11-251
5.3.3 Transmission control unit (TCU) (XA82).....	11-255
5.3.4 Engine control unit (ECU) (CN33).....	11-258
5.3.5 After treatment control (ACU) (CN17) (if equipped).....	11-261
5.3.6 CEU controller (CN81) and power board.....	11-263
5.3.7 Dash board monitor (DBM) (XP1).....	11-269
5.3.8 Switch panel (SWP) (A20).....	11-270
5.3.9 K-Monitor (Terminal Monitor) (XP2).....	11-272
5.3.10 Armrest unit (ARU) (X52).....	11-278
5.3.11 VDC (XA85) (for CVT model).....	11-281
5.3.12 Navigation controller (NAC) (X67).....	11-284
5.4 Starting and charging system.....	11-285
5.4.1 Checking battery.....	11-285
5.4.2 Checking starter.....	11-287
5.4.3 Checking alternator.....	11-288
5.4.4 Checking main key switch (S19).....	11-289
5.4.5 Checking battery cut switch (S40).....	11-290
5.4.6 Checking battery cut relay (CN15).....	11-291
5.5 Fuse and relay.....	11-293
5.5.1 Checking fuse.....	11-293
5.5.2 Checking relay.....	11-299
5.5.3 Checking battery cut relay (CN15).....	11-301
5.5.4 Checking flasher unit.....	11-302
5.6 Grounding and joint connector.....	11-302
5.6.1 Checking grounding wire.....	11-302
5.6.2 Checking joint connector.....	11-303
5.7 CAN termination.....	11-314
5.7.1 Vehicle CAN termination (Powershift model).....	11-315
5.7.2 Vehicle CAN termination (KVT model).....	11-316
5.7.3 Powertrain CAN termination (Powershift model).....	11-317
5.7.4 Powertrain CAN termination (CVT model).....	11-318
5.7.5 CAN termination hydraulic CAN.....	11-319
5.7.6 EGR CAN termination (if equipped).....	11-320
5.7.7 Navigation CAN termination.....	11-322
5.8 Engine control system (Intake control).....	11-322
5.8.1 Checking air filter switch (B6).....	11-322
5.8.2 Checking boost sensor (CN23).....	11-323
5.8.3 Checking EGR valve (CN34) and LWP EGR valve (CN48) (if equipped).....	11-324
5.8.4 Checking intake air flow sensor (CN44) (if equipped).....	11-325
5.8.5 Checking intake air temperature sensor (CN45) (if equipped).....	11-326
5.8.6 Checking intake throttle valve (CN46) (if equipped).....	11-327
5.9 Engine control system (Fuel control).....	11-328
5.9.1 Checking fuel injector (A12).....	11-328
5.9.2 Checking feed pump (A14).....	11-329
5.9.3 Checking fuel tank sensor (B4a).....	11-330
5.9.4 Checking fuel temperature sensor (CN39).....	11-331
5.9.5 Checking pressure reducing valve (CN52).....	11-332
5.9.6 Checking rail pressure sensor (CN53).....	11-333
5.9.7 Checking water separator switch.....	11-334
5.9.8 Checking suction control valve (SCV) (CN58).....	11-334
5.10 Engine control system (DPF control) (if equipped).....	11-336
5.10.1 Checking differential pressure sensor (CN31).....	11-336
5.10.2 Checking exhaust temperature sensor T0/T1/T2 (CN36a/CN36b/CN36c).....	11-337
5.10.3 Checking DPF inhibit switch (XS27).....	11-338
5.10.4 Checking parked regeneration switch (XS28).....	11-339
5.11 Engine control system (SCR control) (if equipped).....	11-340

5.11.1	Checking DEF injector (CN29).....	11-340
5.11.2	Checking DEF pump sensor (CN30).....	11-341
5.11.3	Checking DEF tank sensor (Header unit) (B73).....	11-343
5.11.4	Checking DEF hose heater Delivery (R3) / Return (R4) / Suction (R5) .....	11-344
5.11.5	Checking pre NOx sensor (CN50) / post NOx sensor (CN49) .....	11-345
5.11.6	Checking SCR inlet temperature sensor (CN55) .....	11-346
5.11.7	Checking coolant valve .....	11-347
5.12	Engine control system (Other) .....	11-348
5.12.1	Checking CCV heater (CN26a/CN26b) .....	11-348
5.12.2	Checking coolant temperature sensor (CN27) .....	11-349
5.12.3	Checking camshaft position sensor (G sensor) (CN24) .....	11-350
5.12.4	Checking crankshaft position sensor (NE sensor) (CN28) .....	11-351
5.12.5	Checking engine oil pressure switch (CN35).....	11-352
5.12.6	Checking glow plug (R1).....	11-353
5.12.7	Checking maximum engine speed dial (B66) .....	11-354
5.13	Powershift system .....	11-355
5.13.1	Checking shuttle lever (S23).....	11-355
5.13.2	Checking PST clutch pedal switch (B20).....	11-356
5.13.3	Checking PST clutch pedal sensor (B21) .....	11-357
5.13.4	Checking foot throttle sensor (B53) .....	11-360
5.13.5	Checking parking brake switch (for 4WD) (S16).....	11-361
5.13.6	Checking brake pedal switch R.H. (S20) / L.H. (S21).....	11-362
5.13.7	Checking brake low pressure switch (B5).....	11-363
5.13.8	Checking PST brake cooler cutoff solenoid valve (Y23).....	11-364
5.13.9	Checking 4WD solenoid valve (Y25) .....	11-365
5.13.10	Checking solenoid valve (Differential) (Y26).....	11-366
5.13.11	Checking traveling speed sensor (B11) .....	11-367
5.13.12	Checking main clutch speed sensor (B12) .....	11-368
5.13.13	Checking powershift output speed sensor (B13) .....	11-369
5.13.14	Checking powershift input speed sensor (B14) .....	11-370
5.13.15	Checking range shift position sensor (B18) .....	11-371
5.13.16	Checking oil temperature sensor (B19) .....	11-372
5.13.17	Checking range shift neutral switch (E17) .....	11-373
5.13.18	Checking system pressure switch (S2).....	11-374
5.13.19	Checking PST transmission filter pressure switch (S5).....	11-375
5.13.20	Checking solenoid valve (Main clutch) (Y11).....	11-376
5.13.21	Checking solenoid valve (Powershift clutch A) (Y12) .....	11-377
5.13.22	Checking solenoid valve (Powershift clutch B) (Y13) .....	11-378
5.13.23	Checking solenoid valve (Powershift clutch C) (Y14) .....	11-379
5.13.24	Checking solenoid valve (Powershift clutch D) (Y15) .....	11-380
5.13.25	Checking solenoid valve (Powershift clutch F) (Y16) .....	11-381
5.13.26	Checking solenoid valve (Powershift clutch G) (Y17).....	11-382
5.13.27	Checking solenoid valve (Range shift X1) (Y18) .....	11-383
5.13.28	Checking solenoid valve (Range shift X2) (Y19) .....	11-384
5.13.29	Checking solenoid valve (Range shift Y1) (Y20) .....	11-385
5.13.30	Checking solenoid valve (Range shift Y2) (Y21) .....	11-386
5.13.31	Checking diode for range shift solenoid Y1/Y2 (V1).....	11-387
5.13.32	Checking external switch for rear PTO L.H. (S14).....	11-388
5.13.33	Checking external switch for rear PTO R.H. (S15) .....	11-389
5.13.34	Checking PST PTO rotation speed sensor (B15) .....	11-390
5.13.35	Checking PST PTO shaft detection sensor (B16).....	11-391
5.13.36	Checking PST solenoid valve (PTO clutch) (Y22) .....	11-392
5.14	CVT system.....	11-393
5.14.1	Checking shuttle lever (S23).....	11-393
5.14.2	Checking CVT clutch pedal switch (B20).....	11-394
5.14.3	Checking CVT clutch pedal sensor (B21).....	11-395
5.14.4	Checking foot throttle sensor (B53) .....	11-398
5.14.5	Checking parking brake switch (for 4WD) (S16).....	11-399

5.14.6	Checking brake pedal switch R.H. (S20) / L.H. (S21)	11-400
5.14.7	Checking brake low pressure switch (B5)	11-401
5.14.8	Checking CVT brake cooler cutoff solenoid valve (Y23)	11-402
5.14.9	Checking 4WD solenoid valve (Y25)	11-403
5.14.10	Checking solenoid valve (Differential) (Y26)	11-404
5.14.11	Checking steering filter sensor (B7)	11-405
5.14.12	Checking oil temperature sensor and clutch solenoid valve (Y29)	11-406
5.14.13	Checking CVT engine input speed sensor (B1a)	11-408
5.14.14	Checking CVT hydrostatic unit output speed sensor (B2a)	11-409
5.14.15	Checking CVT speed/direction of rotation sensor (B4)	11-410
5.14.16	Checking CVT redundant speed sensor (B55a)	11-411
5.14.17	Checking CVT lubrication pressure switch (B51)	11-412
5.14.18	Checking CVT filter bypass switch (S4)	11-413
5.14.19	Checking CVT system pressure switch (S5)	11-414
5.14.20	Checking CVT thermal related filter bypass switch (S9a)	11-415
5.14.21	Checking CVT hydrostatic control valve solenoid (Y28)	11-416
5.14.22	Checking oil temperature sensor and clutch solenoid valve (Y29)	11-417
5.14.23	Checking external switch for rear PTO L.H. (S14)	11-419
5.14.24	Checking external switch for rear PTO R.H. (S15)	11-420
5.14.25	Checking CVT PTO rotation speed sensor (B15)	11-421
5.14.26	Checking CVT PTO shaft detection sensor (B16)	11-422
5.14.27	Checking CVT solenoid valve (PTO clutch) (Y22)	11-423
5.15	Steering control system	11-423
5.15.1	Checking steering wheel angle sensor (B29)	11-424
5.15.2	Checking steering controller (A24)	11-425
5.15.3	Checking steering sensor (SASA) (X63)	11-426
5.15.4	Checking auto steering cut-off valve (Y44)	11-427
5.15.5	Checking GNSS receiver (B62a)	11-428
5.15.6	Checking steering filter sensor (B7)	11-429
5.16	Hydraulic control system	11-430
5.16.1	Checking external switch for rear hitch L.H. (S10)	11-430
5.16.2	Checking external switch for rear hitch RH (S11)	11-431
5.16.3	Checking rear hitch draft sensor L.H. (B30)	11-432
5.16.4	Checking rear hitch draft sensor R.H. (B31)	11-433
5.16.5	Checking rear hitch position sensor (B32)	11-434
5.16.6	Checking rear hitch solenoid up (Y37) / down (Y38)	11-435
5.16.7	Checking rear hitch adjustment dials (R20 to R22) (Standard model)	11-436
5.16.8	Checking ride control switch (S43) (Standard model)	11-437
5.16.9	Checking radar sensor (B33)	11-438
5.16.10	Checking external switch for auxiliary control valve (2nd) L.H. (S12)	11-439
5.16.11	Checking external switch for auxiliary control valve (2nd) R.H. (S13)	11-440
5.16.12	Checking auxiliary control valve (Y31 to Y36)	11-441
5.16.13	Checking pilot pressure solenoid (Y39) (Premium and Premium KVT)	11-442
5.16.14	Checking hydraulic suction filter sensor (B2)	11-443
5.16.15	Checking hydraulic return filter pressure sensor (B3)	11-444
5.17	Front suspension system (Front suspension model)	11-444
5.17.1	Checking front suspension mode switch (XS35) (Standard model)	11-445
5.17.2	Checking front suspension up/down switch (XS36)	11-446
5.17.3	Checking front suspension angle sensor (B34)	11-447
5.17.4	Checking front suspension pressure sensor (rod side) (B35)	11-448
5.17.5	Checking front suspension pressure sensor (head side) (B36)	11-449
5.17.6	Checking front suspension solenoid valve (head side) (Y41)	11-450
5.17.7	Checking front axle suspension solenoid valve (pump side) (Y42)	11-451
5.17.8	Checking front axle suspension solenoid valve (Rod side) (Y43)	11-452
5.18	Front PTO	11-453
5.18.1	Checking front PTO solenoid valve (X24-1)	11-453
5.19	Trailer brake system	11-454
5.19.1	Checking switch connector voltage of parking brake	11-454

5.19.2	Checking parking brake switch continuity .....	11-455
5.19.3	Checking air pressure switch (B1) .....	11-455
5.20	Cabin control system .....	11-456
5.20.1	Maintenance for A/C specification .....	11-456
5.20.2	Dashboard .....	11-465
5.20.3	Console .....	11-477
5.20.4	Light .....	11-490
5.20.5	Others .....	11-496
5.21	Others .....	11-507
5.21.1	Terminal information for trailer socket (EU model) .....	11-507
5.21.2	Terminal information for loader electrical outlet .....	11-508
5.21.3	Terminal information for electrical outlet (EU model) .....	11-508
6.	Disassembling and assembling .....	11-508
6.1	Starter motor .....	11-508
6.1.1	Disassembling motor .....	11-508
6.2	Alternator .....	11-509
6.2.1	Disassembling front bracket .....	11-509
6.2.2	Removing pulley .....	11-509
6.2.3	Removing rotor .....	11-510
6.2.4	Removing brush .....	11-510
6.2.5	Reassembling brush .....	11-510
6.2.6	Removing bearing at slip ring side .....	11-511
7.	Servicing .....	11-511
7.1	Starter .....	11-511
7.1.1	Checking commutator and mica .....	11-511
7.1.2	Checking brush wear .....	11-511
7.1.3	Checking armature coil .....	11-512
7.1.4	Checking overrunning clutch .....	11-512
7.1.5	Checking brush holder .....	11-513
7.1.6	Checking field coil .....	11-513
7.2	Alternator .....	11-513
7.2.1	Checking bearing .....	11-513
7.2.2	Checking stator .....	11-513
7.2.3	Checking rotor .....	11-514
7.2.4	Checking slip ring .....	11-514
7.2.5	Checking brush wear .....	11-514
7.2.6	Checking rectifier .....	11-514

## 12. CABIN

MECHANISM .....	12-1
1. Air conditioning system .....	12-1
1.1 Structure of air conditioning system .....	12-1
1.2 Control of air conditioning system .....	12-2
1.2.1 Outline of air conditioning system control .....	12-2
1.2.2 Air flow of air conditioning system .....	12-4
1.2.3 Location of air control vent .....	12-4
1.3 Electrical system of air conditioning system .....	12-6
1.3.1 Electrical circuit of air conditioning system .....	12-6
1.3.2 Function of blower relay and compressor relay .....	12-7
1.3.3 Blower switch .....	12-10
1.4 Components of air conditioning system .....	12-11
1.4.1 Compressor .....	12-11
1.4.2 Air conditioner unit .....	12-12
2. Pneumatic cabin suspension system .....	12-13
2.1 Structure of pneumatic cabin suspension system .....	12-13
2.2 Components of pneumatic cabin suspension system .....	12-15
2.2.1 Function of compressor .....	12-15
2.2.2 Function of pressure regulation valve .....	12-15

2.2.3 Function of compressed air tank.....	12-15
2.2.4 Function of air pressure switch.....	12-15
2.2.5 Function of CAB suspension feed valve.....	12-16
2.2.6 Function of pneumatic suspension.....	12-16
SERVICING.....	12-17
1. Troubleshooting for cabin.....	12-17
2. Service specifications for cabin.....	12-24
3. Tightening torques for cabin.....	12-25
4. Precautions at repairing refrigerant cycle.....	12-27
4.1 Handling of service tools.....	12-29
4.1.1 Service tools.....	12-29
4.1.2 Operation of manifold gauge set.....	12-29
4.1.3 Setting refrigerant charging hose.....	12-30
4.1.4 Vacuum pump adapter.....	12-31
4.1.5 Function of electric gas leak tester.....	12-32
4.1.6 Setting can tap valve.....	12-32
4.1.7 Setting T-joint.....	12-33
4.1.8 Objective of R134a refrigerant recovery and recycling machine.....	12-33
5. Checking and charging refrigerant cycle.....	12-33
5.1 Checking with manifold gauge.....	12-33
5.1.1 Connecting manifold gauge and preparing test.....	12-33
5.1.2 Gauge indication when operating normally.....	12-34
5.1.3 Gauge indication when insufficient refrigerant.....	12-34
5.1.4 Gauge indication when excessive refrigerant or insufficient condenser cooling.....	12-34
5.1.5 Gauge indication when air entered in cycle.....	12-35
5.1.6 Gauge indication when moisture entered in cycle.....	12-35
5.1.7 Gauge indication when refrigerant fails to circulate.....	12-36
5.1.8 Gauge indication when expansion valve opens too far or improper installation of heat sensitizing tube.....	12-36
5.1.9 Gauge indication when damaged compression of compressor.....	12-37
5.2 Discharging, evacuating and charging.....	12-37
5.2.1 Discharging the refrigerant.....	12-37
5.2.2 Evacuating system.....	12-38
5.2.3 Charging refrigerant.....	12-39
5.2.4 Checking charge refrigerant amount.....	12-40
6. Checking and adjusting.....	12-42
6.1 Air conditioning system.....	12-42
6.1.1 Air conditioning system operating condition.....	12-42
6.1.2 Compressor.....	12-44
6.1.3 Compressor relay and blower relay.....	12-46
6.1.4 Control panel (Blower switch, A/C switch, mode control dial, temperature control dial, and recirculation / fresh air selection switch).....	12-47
6.1.5 Blower resistor.....	12-50
6.1.6 Blower motor.....	12-51
6.1.7 Temperature motor.....	12-52
6.1.8 Mode motor.....	12-52
6.1.9 Recirculation / fresh air motor.....	12-53
6.1.10 Pressure switch.....	12-53
6.2 Wiper and wiper motor.....	12-54
6.2.1 Wiper motor.....	12-54
6.3 Cabin air suspension system.....	12-55
6.3.1 Checking proper assembly of cabin air suspension.....	12-55
7. Disassembling and assembling.....	12-55
7.1 Separating cabin from tractor.....	12-55
7.1.1 Preparation.....	12-55
7.1.2 Air conditioner, wiring harness, heater hose and hydraulic hose.....	12-60
7.1.3 Steering hose and brake hose.....	12-62
7.1.4 Wiring harness and cables.....	12-64

7.2 Removing cabin roof .....	12-69
7.2.1 Removing cabin outer roof.....	12-69
7.3 Removing meter panel and switch panel .....	12-70
7.3.1 Removing covers .....	12-70
7.3.2 Removing shuttle lever and front wiper switch .....	12-71
7.3.3 Removing switch panel .....	12-71
7.3.4 Removing meter panel.....	12-71
7.4 Air conditioning system .....	12-72
7.4.1 Compressor .....	12-72
7.4.2 Removing air conditioner unit .....	12-74
7.4.3 Removing air conditioner pipes .....	12-79
7.4.4 Removing heater hoses.....	12-80
7.5 Cabin.....	12-81
7.5.1 Cabin windshields.....	12-81
7.5.2 Wiper motor .....	12-83
7.5.3 Passenger seat.....	12-84
7.5.4 CAB suspension .....	12-84
8. Servicing .....	12-84
8.1 Air conditioning system .....	12-84
8.1.1 Compressor .....	12-84

### 13. K-OBD

GENERAL INFORMATION .....	13-1
1. Overview of K-OBD .....	13-1
2. Component of K-OBD kit.....	13-1
3. Structure of CANBUS line .....	13-3
4. Connecting K-OBD with a tractor .....	13-5
4.1 Connecting port.....	13-5
4.2 Connecting port for Y cable.....	13-5
4.3 Connecting computer with tractor .....	13-5
4.4 Terminal position of K-OBD connector .....	13-6
INSTALLATION INFORMATION .....	13-7
1. Installing K-OBD .....	13-7
2. Updating K-OBD to the latest version software .....	13-7
3. Uninstalling K-OBD.....	13-8
OPERATION INFORMATION .....	13-11
1. User interface .....	13-11
2. Selecting tractor model.....	13-12
3. Logging in as different user level .....	13-12
4. Setting preferences .....	13-13
5. Getting help .....	13-13
6. Updating xCU .....	13-13
DIAGNOSTICS INFORMATION .....	13-17
1. Overview of Diagnostics function .....	13-17
2. Function of Active DTC.....	13-17
3. Function of DTC history.....	13-18
4. Function of I/O testing .....	13-18
4.1 I/O testing items .....	13-20
4.1.1 VCU1 table for I/O testing .....	13-20
4.1.2 VCU2 table for I/O testing .....	13-22
4.1.3 TCU-PST table for I/O testing .....	13-27
4.1.4 TCU-KVT table for I/O testing.....	13-28
4.1.5 VDC table for I/O testing.....	13-30
4.1.6 ARU/CEU/SWP table for I/O testing .....	13-33
5. Function of Calibration.....	13-37
5.1 Calibration table .....	13-38
5.2 Calibration value table.....	13-39
6. Function of Parameters .....	13-40

6.1 Parameters for xCU configuration .....	13-41
6.1.1 VCU1 table for parameters .....	13-41
6.1.2 VCU2 table for parameters .....	13-42
6.1.3 ARU table for parameters .....	13-44
6.1.4 TCU-PST table for parameters .....	13-45
6.1.5 VDC table for parameters .....	13-46
6.1.6 TCU-KVT table for parameters .....	13-47
6.1.7 ECU table for parameters .....	13-48
6.1.8 ACU table for parameters (if equipped) .....	13-51
6.2 Parameters for SC replacement.....	13-53
6.3 Parameters for option parts.....	13-54
7. Function of Data Monitor .....	13-55
7.1 Selecting Data Monitor items .....	13-55
7.2 Monitoring multiple items on one chart .....	13-56
7.3 Starting a new session .....	13-56
7.4 Loading recorded data from file .....	13-57
7.5 Saving recording data to file.....	13-57
7.6 Deleting recorded data point .....	13-58
7.7 Stopping recording data points and resuming recording.....	13-58
7.8 Finish recording.....	13-58
7.9 Data Monitor items .....	13-60
7.9.1 VCU1 table for Data Monitor.....	13-60
7.9.2 ECU Data Monitor table .....	13-61
7.9.3 ACU table for Data Monitor (if equipped).....	13-64
8. Function of Active Test .....	13-66
8.1 Conducting active test.....	13-66
8.1.1 Cylinder injection stop instruction .....	13-67
8.1.2 Instruction of EGR valve on/off function (if equipped).....	13-67
8.1.3 Instruction of glow relay on/off function.....	13-67
8.1.4 Instruction of intake throttle valve on/off function (if equipped).....	13-68
8.1.5 Instruction of DEF recirculation line heater on/off function (if equipped) .....	13-68
8.1.6 Instruction of tank heater coolant valve on/off function.....	13-68

# 1. SAFETY

[-m7-172-detier-service-manual/](#)

# 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 attempt to assemble 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.

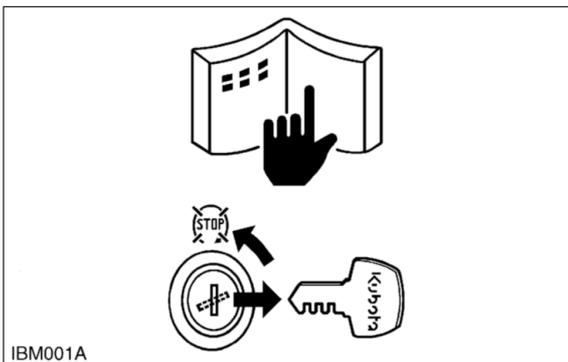
## IMPORTANT

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

## NOTE

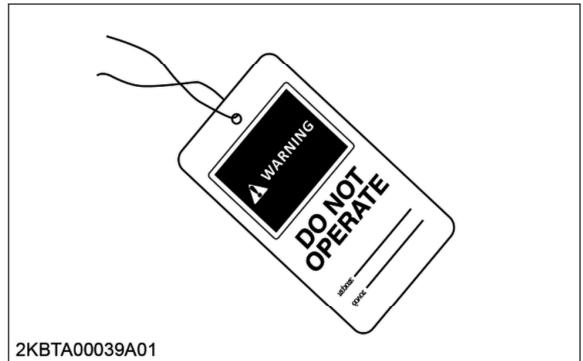
- Gives helpful information.

## 1. Working precautions



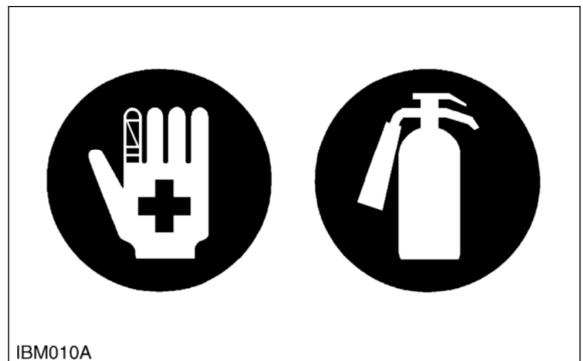
- Understand all safety instructions and safety labels in this manual.
- Park the machine on a stable and level ground then lower the attachment to check the machine safely.

- Stop the engine and remove the key when leaving the operator's seat for cleaning, maintenance, and servicing.



- Hang a DO NOT OPERATE tag near the operator's seat.
- Do not use worn or cracked tools. Use tools in a proper way with enough strength.
- In regards to the facility which is used in the workshop, follow each safety instruction.

## 2. Preparing for emergencies



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