TEN00714-01

Operation & Maintenance Manual

WHEEL LOADER **WA600-8**

SERIAL NUMBERS 80001 and up

WARNING

Unsafe use of this machine may cause serious injury or death. Operators and maintenance personnel must read this manual before operating or maintaining this machine. This manual should be kept near the machine for reference and periodically reviewed by all personnel who will come into contact with it.

NOTICE

Komatsu has Operation & Maintenance Manuals written in some other languages. If a foreign language manual is necessary, contact your local distributor for availability.

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TABLE OF CONTENTS

FOREWORD 1-1
BEFORE READING THIS MANUAL 1-2
SAFETY INFORMATION 1-3
INTRODUCTION 1-4
MAIN USE OF MACHINE 1-4
DIRECTIONS OF MACHINE 1-4
VISIBILITY FROM OPERATOR'S SEAT 1-5
ENGINE TECHNOLOGY TO CONFORM EXHAUST GAS EMISSION 1-6
PRODUCT INFORMATION 1-7
LOCATION OF PRODUCT IDENTIFICATION NUMBER (PIN)/MACHINE SERIAL NO. PLATE 1-7
LOCATION OF ENGINE NUMBER PLATE 1-7
SERVICE METER LOCATION 1-8
YOUR MACHINE SERIAL NUMBERS AND DISTRIBUTOR 1-8
SAFETY 2-1
SAFETY 2-2
SAFETY LABELS 2-4
LOCATION OF SAFETY LABELS 2-5
CONTENTS OF SAFETY LABELS 2-7
GENERAL PRECAUTIONS COMMON TO OPERATION AND MAINTENANCE 2-15
PRECAUTIONS BEFORE STARTING OPERATION 2-15
PREPARATIONS FOR SAFE OPERATION 2-15
PRECAUTIONS TO PREVENT FIRE 2-17
PRECAUTIONS WHEN GETTING ON OR OFF MACHINE 2-19
DO NOT GET CAUGHT IN WORK EQUIPMENT 2-22
PRECAUTIONS RELATED TO PROTECTIVE STRUCTURES 2-22
UNAUTHORIZED MODIFICATION 2-22
PRECAUTIONS RELATED TO ATTACHMENTS AND OPTIONS 2-23
PRECAUTIONS WHEN RUNNING ENGINE INSIDE BUILDING 2-23
PRECAUTIONS FOR OPERATION 2-24
PRECAUTIONS FOR JOBSITE 2-24
START ENGINE 2-27
PRECAUTIONS FOR OPERATION 2-31
PRECAUTIONS FOR TRANSPORTATION 2-38
TOWING AND BEING TOWED 2-39
PRECAUTIONS FOR MAINTENANCE 2-40
PRECAUTIONS BEFORE STARTING INSPECTION AND MAINTENANCE 2-40
PRECAUTIONS FOR CHECK AND MAINTENANCE 2-46
TIRES 2-51
PRECAUTIONS FOR DEF 2-52
GENERAL CHARACTER AND PRECAUTIONS FOR HANDLING 2-52
PRECAUTIONS FOR ADDING 2-52
PRECAUTIONS FOR STORING 2-52
PRECAUTIONS FOR FIRE HAZARD AND LEAKAGE 2-52
OTHER PRECAUTIONS 2-52
OPERATION 3-1
GENERAL VIEW 3-2
MACHINE EQUIPMENT NAME 3-2
CONTROLS AND GAUGES NAMES 3-3
OTHER EQUIPMENT NAME 3-8
EXPLANATION OF COMPONENTS 3-11
EXPLANATION OF MACHINE MONITOR EQUIPMENT 3-11
SWITCHES 3-129
CONTROL LEVERS AND PEDALS 3-153
OTHER EQUIPMENT 3-159
MACHINE OPERATIONS AND CONTROLS 3-204
CHECKS AND ADJUSTMENT BEFORE STARTING ENGINE 3-204

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METHOD FOR STARTING ENGINE 3-240
METHOD FOR OPERATIONS AND CHECKS AFTER STARTING ENGINE 3-245
METHOD FOR STOPPING ENGINE 3-249
METHOD FOR STARTING MACHINE (TRAVEL FORWARD AND REVERSE) AND STOPPING MACHINE 3-250
METHOD FOR SHIFTING GEARS 3-256
METHOD FOR SWITCHING BETWEEN FORWARD AND REVERSE 3-259
METHOD FOR STEERING MACHINE 3-261
METHOD FOR OPERATING WORK EQUIPMENT 3-265
PRECAUTIONS FOR OPERATION 3-268
METHOD FOR CHECKING BUCKET ANGLE 3-270
RECOMMENDED APPLICATIONS 3-271
REMOTE POSITIONER 3-288
METHOD FOR PARKING MACHINE 3-295
METHOD FOR CHECKING AFTER FINISHING WORK 3-298
LOCK 3-299
METHOD FOR REMOVING BUCKET 3-305
HANDLE TIRE 3-309
HANDLE AIR CONDITIONER 3-313
EXPLANATION OF AIR CONDITIONER EQUIPMENT 3-314
METHOD FOR OPERATING AIR CONDITIONER 3-322
HANDLE RADIO 3-328
EXPLANATION OF RADIO EQUIPMENT 3-328
METHOD FOR CONTROLLING RADIO 3-331
TRANSPORTATION 3-334
TRANSPORTATION PROCEDURE 3-334
LOADING AND UNLOADING WITH TRAILER 3-334
METHOD FOR LIFTING MACHINE 3-335
PRECAUTIONS FOR DISASSEMBLING AND ASSEMBLING WORK EQUIPMENT 3-336
COLD WEATHER OPERATION 3-337
COLD WEATHER OPERATION INFORMATION 3-337
PRECAUTIONS AFTER DAILY WORK COMPLETION 3-339
AFTER COLD WEATHER SEASON 3-339
PRECAUTIONS FOR LONG-TERM STORAGE 3-340
PREPARATION FOR LONG-TERM STORAGE 3-340
MAINTENANCE DURING LONG-TERM STORAGE 3-340
STARTING MACHINE AFTER LONG-TERM STORAGE 3-341
TROUBLES AND ACTIONS 3-342
ACTIONS WHEN RUNNING OUT OF FUEL 3-342
PRECAUTIONS FOR TOWING MACHINE 3-342
PRECAUTIONS FOR DISCHARGED BATTERY 3-346
METHOD FOR LOWERING WORK EQUIPMENT WHEN STOPPING ENGINE 3-351
OTHER TROUBLE 3-352
MAINTENANCE 4-1
PRECAUTIONS FOR MAINTENANCE 4-2
CHECK SERVICE METER READING 4-2
KOMATSU GENUINE REPLACEMENT PARTS 4-2
KOMATSU GENUINE LUBRICANTS 4-2
ALWAYS USE CLEAN WASHER FLUID 4-2
FRESH AND CLEAN LUBRICANTS 4-2
CHECK DRAINED OIL AND USED FILTER 4-2
PRECAUTIONS FOR REFILLING OIL OR FUEL 4-2
PRECAUTIONS FOR ADDING DEF 4-2
PRECAUTIONS FOR WELDING 4-2
DO NOT DROP THINGS INSIDE MACHINE 4-2
PRECAUTIONS FOR KDPF 4-2
PRECAUTIONS FOR SCR ASSEMBLY 4-3
DUSTY JOBSITES 4-3

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AVOID MIXING OIL 4-3
LOCK INSPECTION COVERS 4-3
BLEED AIR FROM HYDRAULIC CIRCUIT 4-3
PRECAUTIONS WHEN INSTALLING HYDRAULIC HOSES 4-3
CHECKS AFTER INSPECTION AND MAINTENANCE 4-3
FUEL AND LUBRICANTS TO MATCH THE AMBIENT TEMPERATURE 4-4
CLOSE ENGINE SIDE COVER SECURELY 4-4
OUTLINE OF MAINTENANCE 4-5
HANDLE OIL, FUEL, COOLANT, AND PERFORMING OIL CLINIC 4-5
HANDLE ELECTRICAL COMPONENTS 4-10
STANDARD TIGHTENING TORQUE FOR BOLTS AND NUTS 4-11
MAINTENANCE SCHEDULE 4-13
MAINTENANCE SCHEDULE TABLE 4-13
MAINTENANCE PROCEDURE 4-15
INITIAL 10 HOURS MAINTENANCE (ONLY FOR THE FIRST 50 HOURS) 4-15
INITIAL 250 HOURS MAINTENANCE (ONLY AFTER THE FIRST 250 HOURS) 4-15
WHEN REQUIRED 4-16
CHECKS BEFORE STARTING 4-51
EVERY 50 HOURS MAINTENANCE 4-52
EVERY 100 HOURS MAINTENANCE 4-53
EVERY 250 HOURS MAINTENANCE 4-59
EVERY 500 HOURS MAINTENANCE 4-64
EVERY 1000 HOURS MAINTENANCE 4-75
EVERY 2000 HOURS MAINTENANCE 4-83
EVERY 4000 HOURS MAINTENANCE 4-103
EVERY 4500 HOURS MAINTENANCE 4-108
EVERY 8000 HOURS MAINTENANCE 4-108
EVERY 9000 HOURS MAINTENANCE 4-108
SPECIFICATIONS 5-1
SPECIFICATIONS 5-2
SPECIFICATIONS: WA600-8 5-2
ATTACHMENTS AND OPTIONS 6-1
BUCKET AND TIRE SELECTION 6-2
HANDLE STEERING WHEEL SPEC MACHINE 6-3
GENERAL VIEW 6-3
EXPLANATION OF COMPONENTS 6-8
MACHINE OPERATIONS AND CONTROLS 6-16
HANDLE LOAD METER 6-48
LOAD METER 6-48
METHOD FOR USING LOAD METER 6-52
HANDLE EXTERNAL POWER SUPPLY ENGINE PREHEATER 6-74
INSTALLATION PROCEDURES FOR EXTERNAL POWER SUPPLY SYSTEM FOR EXTERNAL POWER SUPPLY ENGINE PREHEATER 6-74
FABRICATE EXTERNAL POWER SUPPLY CABLE 6-75
INSTALL EXTERNAL POWER SUPPLY SYSTEM 6-76
CHECK OPERATION AFTER COMPLETION OF ASSEMBLING 6-76
CIRCUIT DIAGRAM OF EXTERNAL POWER SUPPLY ENGINE PREHEATER 6-77
REPLACEMENT PARTS 7-1
PERIODIC REPLACEMENT OF DEFINED LIFE PARTS 7-2
DEFINED LIFE PARTS LIST 7-2
CONSUMABLE PARTS 7-3
CONSUMABLE PARTS LIST 7-3
RECOMMENDED FUEL, COOLANT, AND LUBRICANT 7-5
LUBRICATION CHART 7-6
METHOD FOR USING FUEL, COOLANT AND LUBRICANTS ACCORDING TO AMBIENT TEMPERATURE 7-8
RECOMMENDED BRANDS AND QUALITIES OTHER THAN KOMATSU GENUINE OILS 7-9
INDEX 8-1

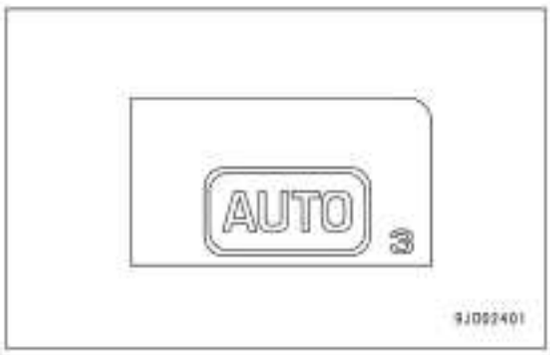
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METHOD FOR OPERATING AIR CONDITIONER

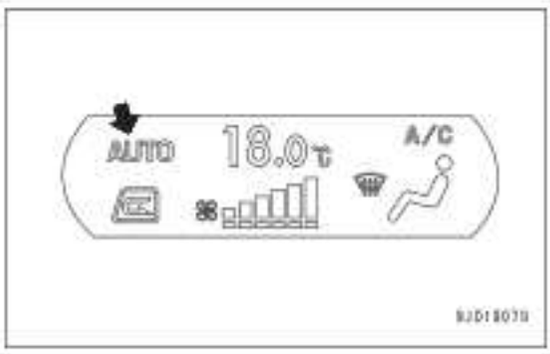
The air conditioner can be operated automatically or manually. Select the method of operation as desired.

METHOD FOR AUTOMATIC OPERATION

1. Press AUTO switch.

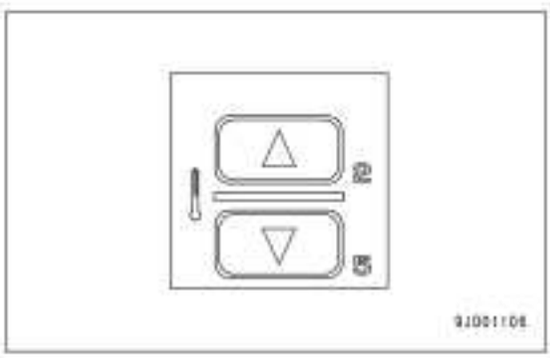


The automatic operation symbol on the air conditioner display lights up.



2. Press switch △ or switch ▽ of the temperature control switch to set to the desired temperature.

   The air flow and combination of the vents are automatically selected according to the set temperature and environment, and the air conditioner is operated automatically to provide the set temperature.



REMARK

- If the air conditioner switch is not turned on when the ambient temperature is high, air is not cooled and its temperature may not decrease to the set temperature.
- After automatic operation, the air flow may be set to "Low" for a certain period to prevent cold air from blowing out, depending on the ambient temperature.
- Once the desired temperature is set, do not operate the temperature control switch unnecessarily. It may take longer time to reach the set temperature.
- To heat or cool the air quickly, set the temperature display to 18.0 °C {64.4 °F} (max. cooling) or 32.0 °C {89.6 °F} (max. heating).
- If each switch is operated during automatic operation, the function of that switch is applied first, the automatic operation symbol on the air conditioner display goes out, and the manual operation is selected.

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STORE DEF

- Completely seal up its container for storage. Only open containers in a well-ventilated area.
- When storing DEF, avoid direct sunlight. Always use the original container. Make sure that transfer equipment and tank must meet DEF compatible material specification. If DEF is stored in an iron or aluminum container, toxic gas may develop and a chemical reaction may corrode the container.
- The relationship between the upper limit of storage temperature and the storage period of DEF is shown in the table.

Temperature of storage area	Storage period
Max.10 °C {50 °F}	Up to 36 months
Max.25 °C {77 °F}	Up to 18 months
Max.30 °C {86 °F}	Up to 12 months
Max.35 °C {95 °F}	Up to 6 months

*: Do not store DEF in the temperature of 35 °C {95 °F} or above.

For the storage in cold weather, see the section about DEF in "COLD WEATHER OPERATION (3-337)".

FILTER

- Filters are extremely important safety parts. They prevent impurities in the oil, fuel, and air circuits from entering important equipment and causing problems. Replace all filters periodically. For details, see Operation and Maintenance Manual.
  However, when working in severe conditions, replace the filters at shorter intervals according to the oil and fuel (sulfur content) being used.
- Never try to clean and use again the filters (cartridge type). Always replace them with new filters.
- When replacing oil filters, check if any metal particles are attached to the old filters.
  If any metal particles are found, consult your Komatsu distributor.
- Do not open packages of spare filters until just before they are to be used.
- Komatsu recommends using Komatsu genuine filters.

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EVERY 4500 HOURS MAINTENANCE

Maintenance for every 50, 100, 250 and 500 hours service should be performed at the same time.

METHOD FOR CLEANING KDPF

Contact your Komatsu distributor for cleaning of the KDPF.

METHOD FOR CLEANING DEF TANK

Ask your Komatsu distributor for cleaning of the DEF tank.

METHOD FOR CLEANING FUEL DOSER

For cleaning the fuel doser, ask your Komatsu distributor.

METHOD FOR CHECKING FOR MISSING FUEL SPRAY PREVENTION CAP ON FUEL DOSER PIPING, HARDENING OF RUBBER

Ask your Komatsu distributor to have the fuel spray prevention cap on fuel doser checked.

EVERY 8000 HOURS MAINTENANCE

Maintenance for every 50, 100, 250, 500, 1000, 2000 and 4000 hours service should be performed at the same time.

METHOD FOR REPLACING ENGINE HIGH-PRESSURE PIPING CLAMP

Special techniques and tools are required for this work.

Ask your Komatsu distributor for replacement of the engine high-pressure piping.

METHOD FOR REPLACING FUEL SPRAY PREVENTION CAP

Ask your Komatsu distributor for replacement of the fuel spray prevention caps.

METHOD FOR OVERHAULING STARTING MOTOR AND ALTERNATOR

Special techniques and tools are required for this work.

Ask your Komatsu distributor to have the starting motor and alternator overhauled.

EVERY 9000 HOURS MAINTENANCE

Maintenance for every 50, 100, 250, 500, 1000 and 4500 hours service should be performed at the same time.

METHOD FOR REPLACING DEF HOSE

Ask your Komatsu distributor for replacement of the DEF hose.

METHOD FOR REPLACING FUEL SPRAY PREVENTION CAP ON FUEL DOSER PIPING

Ask your Komatsu distributor for replacement of the fuel spray prevention cap on fuel doser.

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