Operation & Maintenance Manual

TEN00080-00

GALEO

WA200L-5

WHEEL LOADER

SERIAL NUMBERS WA200L-65001 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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CONTENTS

FOREWORD ---- 1- 1
FOREWORD ---- 1- 2
SAFETY INFORMATION ---- 1- 5
INTRODUCTION ---- 1- 7
FRONT/REAR, LEFT/RIGHT DIRECTIONS OF MACHINE ---- 1- 7
NECESSARY INFORMATION ---- 1- 8
PRODUCT IDENTIFICATION NUMBER (PIN)/MACHINE SERIAL NO. PLATE ---- 1- 8
ENGINE SERIAL NO. PLATE ---- 1- 8
POSITION OF SERVICE METER ---- 1- 9
TABLE TO ENTER SERIAL NO. AND DISTRIBUTOR ---- 1- 9
SAFETY ---- 2- 1
SAFETY ---- 2- 2
SAFETY LABELS ---- 2- 5
LOCATION OF SAFETY LABELS ---- 2- 5
SAFETY LABELS ---- 2- 6
GENERAL PRECAUTIONS ---- 2- 11
PRECAUTIONS FOR OPERATION ---- 2- 20
STARTING ENGINE ---- 2- 20
OPERATION ---- 2- 22
TRANSPORTATION ---- 2- 28
BATTERY ---- 2- 29
TOWING ---- 2- 31
PRECAUTIONS FOR MAINTENANCE ---- 2- 32
PRECAUTIONS WITH TIRES ---- 2- 39
OPERATION ---- 3- 1
GENERAL VIEW ---- 3- 2
GENERAL VIEW OF MACHINE ---- 3- 2
GENERAL VIEW OF CONTROLS AND GAUGES ---- 3- 3
EXPLANATION OF COMPONENTS ---- 3- 5
MACHINE MONITOR ---- 3- 5
SWITCHES ---- 3- 31
CONTROL LEVERS, PEDALS ---- 3- 40
STEERING TILT LOCK LEVER ---- 3- 44
CAP AND COVER WITH LOCK ---- 3- 44
FRAME LOCK BAR ---- 3- 45
TOWING PIN ---- 3- 46
GREASE PUMP ---- 3- 46
CAB DOOR INNER LOCK ---- 3- 46
CAB DOOR OPEN LOCK ---- 3- 47
CAB WINDOW OPEN LOCK CANCEL KNOB ---- 3- 47
FUSE ---- 3- 47
SLOW BLOW FUSE ---- 3- 49
POWER OUTLET ---- 3- 49
STORAGE BOX ---- 3- 49
AM/FM RADIO-CASSETTE STEREO ---- 3- 50
AIR CONDITIONER ---- 3- 58
HANDLING CAB WIPER ---- 3- 63
OPERATION ---- 3- 64
CHECK BEFORE STARTING ENGINE, ADJUST ---- 3- 64

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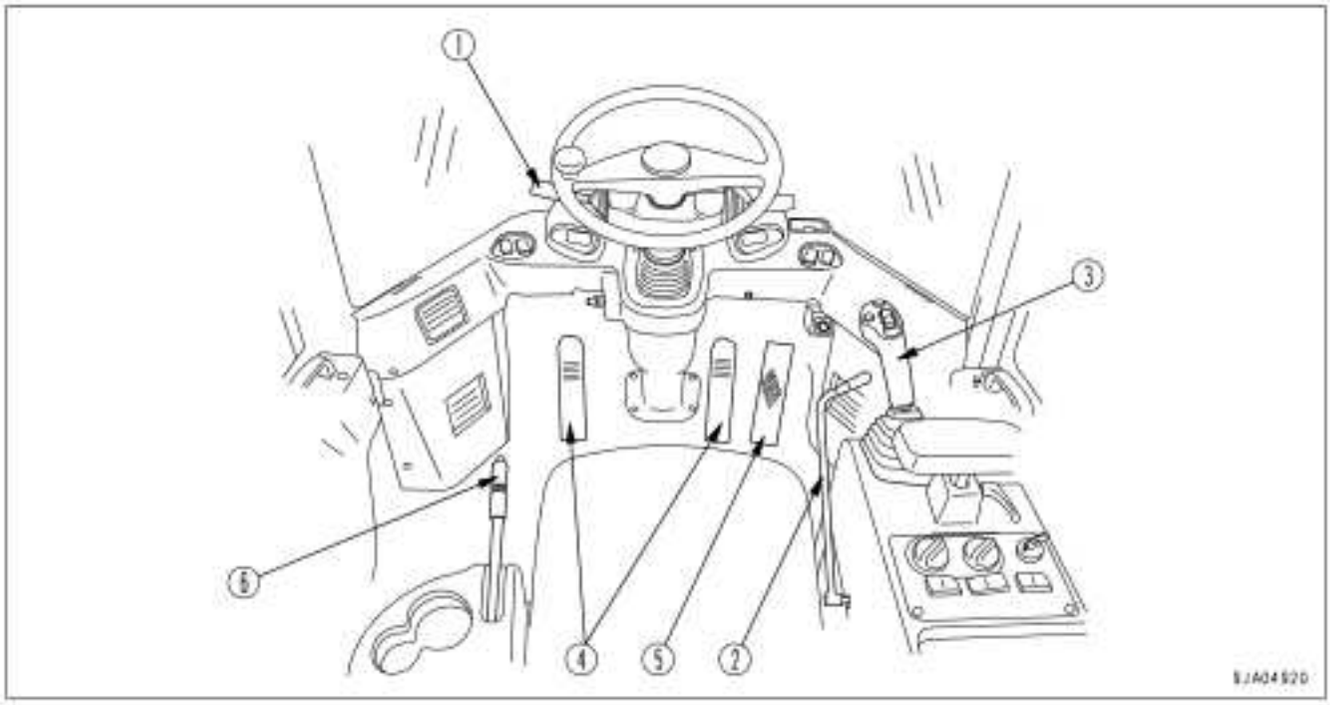
STARTING ENGINE ---- 3- 79
OPERATIONS AND CHECKS AFTER STARTING ENGINE ---- 3- 81
STOPPING ENGINE ---- 3- 83
MOVING THE MACHINE (DIRECTIONAL, SPEED), STOPPING THE MACHINE ---- 3- 84
TURNING ---- 3- 89
OPERATION OF WORK EQUIPMENT ---- 3- 91
WORK POSSIBLE USING WHEEL LOADER ---- 3- 93
PRECAUTIONS FOR OPERATION ---- 3- 98
ADJUSTING WORK EQUIPMENT POSTURE ---- 3-100
PARKING MACHINE ---- 3-102
CHECKS AFTER COMPLETION OF OPERATION ---- 3-104
LOCKING ---- 3-104
HANDLING THE TIRES ---- 3-105
TRANSPORTATION ---- 3-107
TRANSPORTATION PROCEDURE ---- 3-107
LOADING, UNLOADING WORK WITH TRAILERS ---- 3-107
LIFTING MACHINE ---- 3-111
COLD WEATHER OPERATION ---- 3-113
PRECAUTIONS FOR LOW TEMPERATURE ---- 3-113
PRECAUTIONS AFTER COMPLETION OF WORK ---- 3-114
AFTER COLD WEATHER ---- 3-114
WARMING-UP OPERATION FOR STEERING HYDRAULIC CIRCUIT IN COLD WEATHER ---- 3-115
LONG-TERM STORAGE ---- 3-116
BEFORE STORAGE ---- 3-116
DURING STORAGE ---- 3-116
AFTER STORAGE ---- 3-116
TROUBLESHOOTING ---- 3-117
WHEN MACHINE RUNS OUT OF FUEL ---- 3-117
METHOD OF TOWING MACHINE ---- 3-117
IF BATTERY IS DISCHARGED ---- 3-119
OTHER TROUBLE ---- 3-122
MAINTENANCE ---- 4- 1
GUIDES TO MAINTENANCE ---- 4- 2
OUTLINES OF SERVICE ---- 4- 4
HANDLING OIL, FUEL, COOLANT, AND PERFORMING OIL CLINIC ---- 4- 4
OUTLINE OF ELECTRIC SYSTEM ---- 4- 7
WEAR PARTS ---- 4- 8
WEAR PARTS LIST ---- 4- 8
RECOMMENDED FUEL, COOLANT, AND LUBRICANT ---- 4- 9
USE OF FUEL, COOLANT AND LUBRICANTS ACCORDING TO AMBIENT TEMPERATURE ---- 4- 10
RECOMMENDED BRANDS, RECOMMENDED QUALITY FOR PRODUCTS OTHER THAN KOMATSU GENUINE OIL ---- 4- 11
STANDARD TIGHTENING TORQUES FOR BOLTS AND NUTS ---- 4- 12
TORQUE LIST ---- 4- 12
PERIODIC REPLACEMENT OF SAFETY CRITICAL PARTS ---- 4- 13
MAINTENANCE SCHEDULE CHART ---- 4- 14
MAINTENANCE SCHEDULE CHART ---- 4- 14
SERVICE PROCEDURE ---- 4- 16
INITIAL 250 HOURS SERVICE ---- 4- 16
WHEN REQUIRED ---- 4- 17

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CHECK BEFORE STARTING ---- 4- 36
EVERY 50 HOURS SERVICE ---- 4- 37
EVERY 100 HOURS SERVICE ---- 4- 38
EVERY 250 HOURS SERVICE ---- 4- 40
EVERY 500 HOURS SERVICE ---- 4- 46
EVERY 1000 HOURS SERVICE ---- 4- 49
EVERY 2000 HOURS SERVICE ---- 4- 53
EVERY 4000 HOURS SERVICE ---- 4- 59
SPECIFICATIONS ---- 5- 1
SPECIFICATIONS ---- 5- 2
ATTACHMENTS, OPTIONS ---- 6- 1
SELECTING BUCKET AND TIRES ---- 6- 2
INDEX ---- 7- 1

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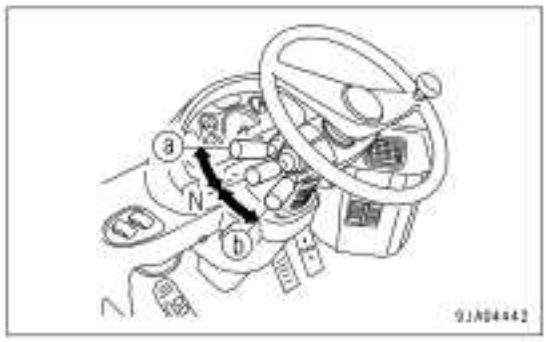
CONTROL LEVERS, PEDALS



(1) Directional lever
(2) Work equipment lock lever
(3) Work equipment lever
(4) Brake pedal
(5) Accelerator pedal
(6) Parking brake lever

DIRECTIONAL LEVER

This lever (1) is used to switch the direction of travel of the machine between forward and reverse.
When starting the engine, if the directional lever is not at the N position, the engine will not start.
Position (a): FORWARD
Position N: NEUTRAL
Position (b): REVERSE



REMARK
When the starting switch is turned to the ON position, if the directional lever is not at the N position, the central warning lamp lights up and the alarm buzzer sounds intermittently.
When the directional lever is set to the N position, the central warning lamp goes out and the alarm buzzer stops.

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ADJUSTMENT

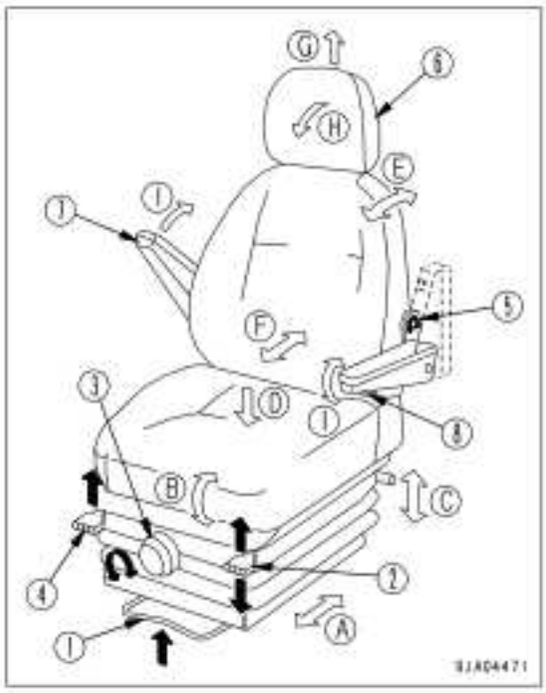
SEAT ADJUSTMENT

WARNING

When adjusting the position of the operator's seat, always set the work equipment lock lever to the LOCK position to prevent any accidental contact with the control levers.

- Always adjust the operator's seat before starting each operation or when the operators change shift.
- When adjusting the seat, put your back against the backrest and adjust to a position where the brake pedal can be fully depressed.

STANDARD TYPE SEAT



(A) Fore-and-aft adjustment
Pull lever (1) up, set the seat to the desired position, then release the lever.
Fore-and-aft adjustment: 120 mm (4.7 in)

(B) Adjusting seat angle
Move lever (2) up and push down on the rear of the seat to tilt it backward.
Move lever (2) down and push down on the front of the seat to tilt it forward.
Adjustment range: 13 degrees (Tilt forward/tilt back angle)

(C) Adjusting height of seat
Move lever (2) up or down to move the seat up or down. This lever is also used to adjust the seat angle. Adjust the seat angle and height.
Amount of adjustment: 50 mm (2.0 in)

(D) Setting seat for weight
Turn grip (3) to adjust the strength of the suspension.
Adjustment range: (Target) 50 to 120 kg (110 to 265 lb)

(E) Adjusting reclining angle
Move lever (4) up and move the backrest to the front or rear.
Adjustment range: Front 24 degrees , Rear 3 degrees \i

(F) Lumbar support
Turn grip (5) to adjust the tension applied to the lower back.

(G) Adjusting headrest height
Move the headrest (6) up or down.
Amount of adjustment: 50 mm (2.0 in)

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EVERY 500 HOURS SERVICE

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

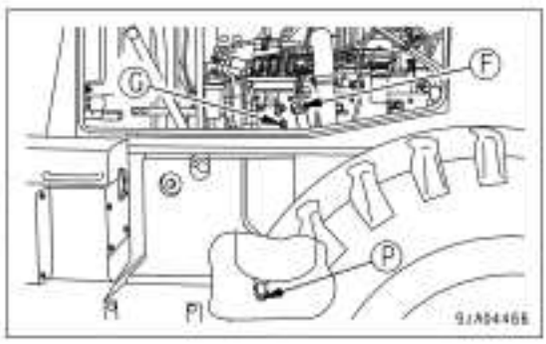
CHANGE OIL IN ENGINE OIL PAN, REPLACE ENGINE OIL FILTER CARTRIDGE

⚠ WARNING

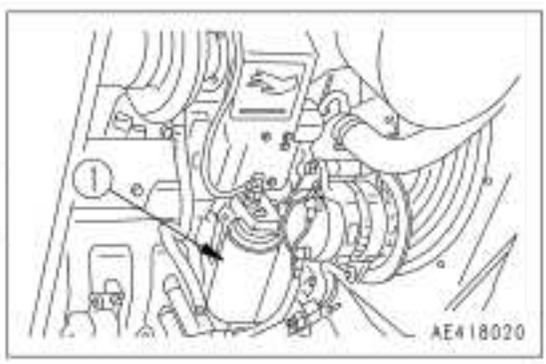
- **The parts and oil are at high temperature immediately after the engine is stopped, and may cause burns. Wait for the temperature to go down before starting the work.**
- **When removing the oil filler cap, turn it slowly to release the internal pressure, then remove it.**

- Refill capacity: 19.5 liters (5.15 US gal)
- Filter wrench

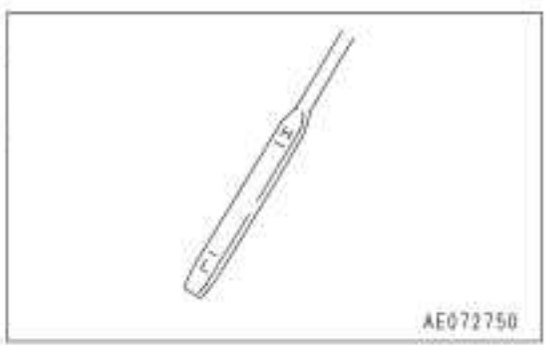
1. Open the engine side cover on the right side of the chassis.
2. Remove oil filler cap (F).
3. Place a container to catch the oil under drain plug (P).
4. Loosen drain plug (P) and drain the oil. Be careful not to get oil on yourself.
5. Check the drained oil, and if there are excessive metal particles or foreign material, please contact your Komatsu distributor.
6. Tighten drain plug (P).



7. Open the engine side cover on the left side of the chassis.
8. Using the filter wrench, turn filter cartridge (1) counterclockwise to remove it.
9. Clean the filter holder, fill the new filter cartridge with engine oil, then coat the seal and thread of the filter cartridge with engine oil (or coat thinly with grease) and install.
10. When installing the seal, tighten it so its surface comes into contact with the filter holder, then tighten another 3/4 turn.



11. After replacing the filter cartridge, add oil through oil filler (F) until the oil level is between the H and L marks on the dipstick (G).
12. Run the engine at idle for short time, then stop the engine, and check that the oil is between the H and L marks on the dipstick. For details, see "CHECK OIL LEVEL IN ENGINE OIL PAN, ADD OIL (PAGE 3-67)".



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