TEN00157-00

Operation & Maintenance Manual

WHEEL LOADER

GALEO

WA250PT-5

SERIAL NUMBERS 70570 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- 39
STEERING TILT LOCK LEVER ---- 3- 43
CAP AND COVER WITH LOCK ---- 3- 43
FRAME LOCK BAR ---- 3- 44
TOWING PIN ---- 3- 45
GREASE PUMP ---- 3- 45
CAB DOOR INNER LOCK ---- 3- 45
CAB DOOR OPEN LOCK ---- 3- 46
CAB WINDOW OPEN LOCK CANCEL KNOB ---- 3- 46
FUSE ---- 3- 46
SLOW BLOW FUSE ---- 3- 48
POWER OUTLET ---- 3- 48
STORAGE BOX ---- 3- 48
AM/FM RADIO ---- 3- 49
AM/FM RADIO-CASSETTE STEREO ---- 3- 55
AIR CONDITIONER ---- 3- 63
HANDLING CAB WIPER ---- 3- 68
OPERATION ---- 3- 69

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CHECK BEFORE STARTING ENGINE, ADJUST ---- 3- 69
STARTING ENGINE ---- 3- 84
OPERATIONS AND CHECKS AFTER STARTING ENGINE ---- 3- 86
STOPPING ENGINE ---- 3- 88
MOVING THE MACHINE (DIRECTIONAL, SPEED), STOPPING THE MACHINE ---- 3- 89
TURNING ---- 3- 93
OPERATION OF WORK EQUIPMENT ---- 3- 95
HANDLING HYDRAULIC QUICK COUPLER ---- 3- 97
WORK POSSIBLE USING WHEEL LOADER ---- 3-100
PRECAUTIONS FOR OPERATION ---- 3-105
ADJUSTING WORK EQUIPMENT POSTURE ---- 3-107
PARKING MACHINE ---- 3-111
CHECKS AFTER COMPLETION OF OPERATION ---- 3-113
LOCKING ---- 3-113
HANDLING THE TIRES ---- 3-114
TRANSPORTATION ---- 3-116
TRANSPORTATION PROCEDURE ---- 3-116
LOADING, UNLOADING WORK WITH TRAILERS ---- 3-116
LIFTING MACHINE ---- 3-120
COLD WEATHER OPERATION ---- 3-122
PRECAUTIONS FOR LOW TEMPERATURE ---- 3-122
PRECAUTIONS AFTER COMPLETION OF WORK ---- 3-123
AFTER COLD WEATHER ---- 3-123
WARMING-UP OPERATION FOR STEERING HYDRAULIC CIRCUIT IN COLD WEATHER ---- 3-124
LONG-TERM STORAGE ---- 3-125
BEFORE STORAGE ---- 3-125
DURING STORAGE ---- 3-125
AFTER STORAGE ---- 3-125
TROUBLESHOOTING ---- 3-126
WHEN MACHINE RUNS OUT OF FUEL ---- 3-126
METHOD OF TOWING MACHINE ---- 3-126
IF BATTERY IS DISCHARGED ---- 3-128
OTHER TROUBLE ---- 3-131
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

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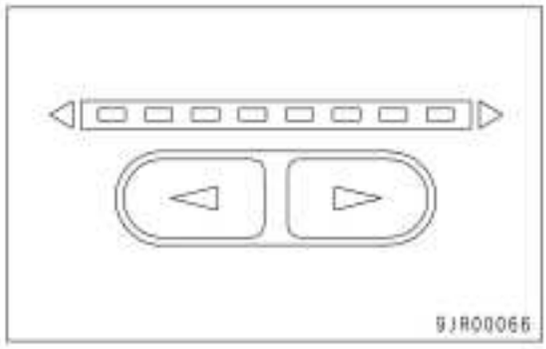
INITIAL 250 HOURS SERVICE ---- 4- 16
WHEN REQUIRED ---- 4- 17
CHECK BEFORE STARTING ---- 4- 36
EVERY 50 HOURS SERVICE ---- 4- 37
EVERY 100 HOURS SERVICE ---- 4- 38
EVERY 250 HOURS SERVICE ---- 4- 40
EVERY 500 HOURS SERVICE ---- 4- 46
EVERY 1000 HOURS SERVICE ---- 4- 50
EVERY 2000 HOURS SERVICE ---- 4- 55
EVERY 4000 HOURS SERVICE ---- 4- 61
SPECIFICATIONS ---- 5- 1
SPECIFICATIONS ---- 5- 2
ATTACHMENTS, OPTIONS ---- 6- 1
SELECTING BUCKET AND TIRES ---- 6- 2
HANDLING FORK TOOL ---- 6- 3
EXPLANATION OF COMPONENTS ---- 6- 3
OPERATION ---- 6- 4
INDEX ---- 7- 1

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METHOD OF OPERATION

Switch / Condition of use		Fan switch	Air conditioner switch	Temperature control switch	FRESH/RECIRC selector switch	Mode selector switch
Cooling	Rapid	HI	ON	All blue	RECIRC	FACE
	Normal	HI - LO	ON	More than half are blue	FRESH	FACE
Dehumidifying, heating		HI - LO	ON	More than half are red	FRESH	FOOT
Heating	Rapid	HI	OFF	All red	RECIRC	FOOT
	Normal	HI - LO	OFF	More than half are red	FRESH	FOOT
Defroster		HI	ON	More than half are red	FRESH	DEF
Ventilation or pressurizing		HI - LO	OFF	All blue	FRESH	FACE

When defrosting, set the temperature control switch so that all lamps are red. This will improve defrosting and demisting.



Set the vent mode selector switch to the intermediate position to give the desired condition.
With the FACE vents, it is possible to adjust the direction of the air flow and to turn it on or off.
However, do not set to the FACE mode with the vents closed.



WHEN NOT USING THE AIR CONDITIONER REGULARLY

Run the air conditioner in cooling or dehumidification + heating mode for several minutes from time to time to prevent the loss of the oil film in various parts of the compressor.

REMARK

If the temperature inside the cab is low, the air conditioner may not work. In such cases, use the recirculated air to warm up the inside of the cab, then turn the air conditioner switch on. The air conditioner will be run.

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USE OF FUEL, COOLANT AND LUBRICANTS ACCORDING TO AMBIENT TEMPERATURE

Reservoir	Fluid Type	Ambient Temperature -22 -4 14 32 50 68 86 104 122°F -30 -20 -10 0 10 20 30 40 50°C	Recommended Komatsu Fluids
Engine Oil Pan	Engine oil	SAE10W30	Komatsu EO10W30-DH API CH-4 API CI-4
		SAE15W40	Komatsu EO15W40-DH API CH-4 API CI-4
		SAE30DH	Komatsu EO30-DH
Transfer case	Power train oil (Note.1)	TO10	TO10
Hydraulic System	Engine oil	SAE10W30DH	Komatsu EO10W30-DH
Axle	Axle oil (Note.2)	AXO80	AXO80
	Engine oil	(Note.3)	EO50-CD
Grease fitting	Hyper grease (Note.4)	G2-T, G2-TE	G2-T, G2-TE
	Lithium EP grease	G2-LI	G2-LI
Cooling system	Supercoolant AF-NAC	AF-NAC (Note.5)	AF-NAC
Fuel tank	Diesel fuel	No.2-D No.1-D	ASTM No.2-D ASTM No.1-D

Capacity \ Reservoir		Engine oil pan	Transfer case	Hydraulic system	Axle (front and rear) (each)	Cooling system	Fuel tank
Specified	Liters	20	7.0	135	18	19	184
	US gal	5.28	1.85	35.67	4.76	5.02	48.61
Refill	Liters	19.5	5.5	67	18	-	-
	US gal	5.15	1.45	17.70	4.76	-	-

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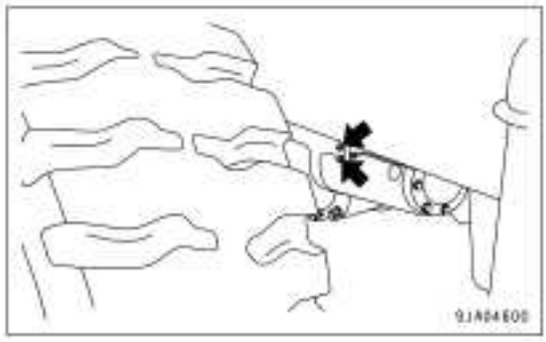
EVERY 100 HOURS SERVICE

Maintenance for every 50 hours service should be carried out at the same time.

LUBRICATE REAR AXLE PIVOT PIN

(2 places)

1. Using a grease pump, pump in grease through the grease fittings marked by the arrows.
2. After greasing, wipe off any old grease that was pushed out.



CLEAN ELEMENT IN AIR CONDITIONER FRESH AIR FILTER

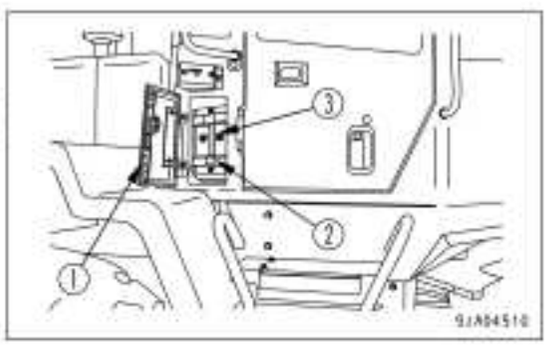
(If equipped)

⚠ WARNING

If compressed air is used, there is danger that dirt may fly and cause personal injury.
Always wear protective glasses, dust mask, and other protective equipment.

If the air conditioner has been used, the air filter should be cleaned.
Stop the air conditioner before cleaning the element.

1. Open cover (1).
2. Remove bracket (2) and filter (3) as one unit.
3. Direct dry compressed air (less than 0.69 MPa (7 kgf/ cm^2, 99.4 PSI)) to the element from inside along its folds, then direct it from outside along its folds and again from inside.
4. When installing, fit filter (3) into bracket (2), then install.



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