TEN00193-00

Operation & Maintenance Manual

HYDRAULIC
EXCAVATOR

GALEO

PC40MR-2
PC50MR-2

SERIAL NUMBERS PC40MR- 11933 and up
PC50MR- 8550

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
DIRECTIONS OF MACHINE ---- 1- 7
PRODUCT INFORMATION ---- 1- 8
PRODUCT IDENTIFICATION NUMBER (PIN)/MACHINE SERIAL NO. PLATE ---- 1- 8
ENGINE SERIAL NUMBER PLATE AND ITS LOCATION ---- 1- 8
EMISSION CONTROL INFORMATION LABEL AND ITS LOCATION ---- 1- 9
SERVICE METER LOCATION ---- 1- 9
YOUR MACHINE SERIAL NUMBERS AND DISTRIBUTOR ---- 1- 10
SAFETY ---- 2- 1
SAFETY INFORMATION ---- 2- 2
SAFETY LABELS ---- 2- 4
LOCATION OF SAFETY LABELS ---- 2- 4
SAFETY LABELS ---- 2- 5
SAFETY INFORMATION ---- 2- 11
SAFETY MACHINE OPERATION ---- 2- 20
STARTING ENGINE ---- 2- 20
OPERATION ---- 2- 22
TRANSPORTATION ---- 2- 28
BATTERY ---- 2- 29
TOWING ---- 2- 31
LIFTING OBJECTS WITH BUCKET ---- 2- 32
SAFETY MAINTENANCE INFORMATION ---- 2- 33
OPERATION ---- 3- 1
MACHINE VIEW ILLUSTRATIONS ---- 3- 2
OVERALL MACHINE VIEW ---- 3- 2
CONTROLS AND GAUGES ---- 3- 3
DETAILED CONTROLS AND GAUGES ---- 3- 4
MONITORING SYSTEM ---- 3- 4
SWITCHES ---- 3- 12
CONTROL LEVERS AND PEDALS ---- 3- 16
WINDSHIELD ---- 3- 22
SLIDING DOOR ---- 3- 26
SLIDING WINDOW ---- 3- 26
EMERGENCY ESCAPE HAMMER ---- 3- 27
COVER WITH LOCK ---- 3- 28
ENGINE REAR COVER ---- 3- 29
COOLING COVER ---- 3- 29
MUD COVER ---- 3- 30
METHOD OF OPENING (TILTING) FLOOR ---- 3- 31
FUSE ---- 3- 36
BLOCK FUSE ---- 3- 37
AUXILIARY ELECTRIC POWER ---- 3- 38
OPERATION MANUAL STORAGE ---- 3- 39
TOOL BOX ---- 3- 39
GREASE GUN HOLDER ---- 3- 39
ASHTRAY ---- 3- 39

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MACHINE OPERATIONS AND CONTROLS ---- 3- 40
BEFORE STARTING ENGINE ---- 3- 40
STARTING ENGINE ---- 3- 54
AFTER STARTING ENGINE ---- 3- 58
STOPPING THE ENGINE ---- 3- 61
MACHINE OPERATION ---- 3- 62
STEERING THE MACHINE ---- 3- 67
SWINGING ---- 3- 69
WORK EQUIPMENT CONTROLS AND OPERATIONS ---- 3- 70
PROHIBITED OPERATIONS ---- 3- 72
GENERAL OPERATION INFORMATION ---- 3- 74
TRAVELING ON SLOPES ---- 3- 75
ESCAPE FROM MUD ---- 3- 77
WORK POSSIBLE USING COMPACT HYDRAULIC EXCAVATOR ---- 3- 78
BUCKET REPLACEMENT ---- 3- 80
PARKING MACHINE ---- 3- 81
MACHINE INSPECTION AFTER DAILY WORK ---- 3- 82
LOCKING ---- 3- 83
RUBBER SHOES AND ROAD LINERS ---- 3- 84
TRANSPORTATION ---- 3- 89
TRANSPORTATION PROCEDURE ---- 3- 89
LOADING AND UNLOADING WITH TRAILER ---- 3- 90
LIFTING MACHINE ---- 3- 96
COLD WEATHER OPERATION ---- 3- 99
COLD WEATHER OPERATION INFORMATION ---- 3- 99
CAB HEATER IN COLD WEATHER ---- 3-100
AFTER DAILY WORK COMPLETION ---- 3-101
AFTER COLD WEATHER SEASON ---- 3-101
LONG TERM STORAGE ---- 3-102
BEFORE STORAGE ---- 3-102
DURING STORAGE ---- 3-103
AFTER STORAGE ---- 3-103
TROUBLES AND ACTIONS ---- 3-104
RUNNING OUT OF FUEL ---- 3-104
PHENOMENA THAT ARE NOT FAILURES ---- 3-104
TOWING THE MACHINE ---- 3-105
SEVERE JOB CONDITION ---- 3-105
DISCHARGED BATTERY ---- 3-106
OTHER TROUBLE ---- 3-110
MAINTENANCE ---- 4- 1
MAINTENANCE INFORMATION ---- 4- 2
OUTLINE OF SERVICE ---- 4- 4
HANDLING OIL, FUEL, COOLANT, AND PERFORMING OIL CLINIC ---- 4- 4
ELECTRIC SYSTEM MAINTENANCE ---- 4- 7
HANDLING HYDRAULIC SYSTEM ---- 4- 8
WEAR PARTS ---- 4- 9
WEAR PARTS LIST ---- 4- 9
RECOMMENDED FUEL, COOLANT, AND LUBRICANT ---- 4- 10
RECOMMENDED BRANDS, RECOMMENDED QUALITY FOR PRODUCTS OTHER THAN KOMATSU GENUINE OIL ---- 4- 12

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TIGHTENING TORQUE SPECIFICATIONS ---- 4- 13
TIGHTENING TORQUE LIST ---- 4- 13
SAFETY CRITICAL PARTS ---- 4- 14
SAFETY CRITICAL PARTS LIST ---- 4- 14
MAINTENANCE SCHEDULE ---- 4- 15
MAINTENANCE SCHEDULE CHART ---- 4- 15
MAINTENANCE INTERVAL FOR HYDRAULIC BREAKER ---- 4- 16
MAINTENANCE PROCEDURE ---- 4- 17
WHEN REQUIRED ---- 4- 17
CHECK BEFORE STARTING ---- 4- 46
EVERY 500 HOURS MAINTENANCE ---- 4- 47
EVERY 1000 HOURS MAINTENANCE ---- 4- 57
EVERY 2000 HOURS MAINTENANCE ---- 4- 59
SPECIFICATIONS ---- 5- 1
SPECIFICATIONS ---- 5- 2
ATTACHMENTS AND OPTIONS ---- 6- 1
ATTACHMENTS AND OPTIONS - GENERAL INFORMATION ---- 6- 2
SAFETY FIRST ---- 6- 2
ATTACHMENT INSTALLATION ---- 6- 3
BUCKET WITH HOOK ---- 6- 4
PROHIBITED OPERATIONS ---- 6- 4
AIR CONDITIONER ---- 6- 5
CONTROL PANEL AND COMPONENTS ---- 6- 5
AIR CONDITIONER CONTROLS ---- 6- 6
AIR CONDITIONER MAINTENANCE ---- 6- 7
WINDSHIELD WASHER ---- 6- 11
WINDSHIELD WASHER OPERATION ---- 6- 11
CHECK WINDOW WASHER FLUID LEVEL, ADD FLUID ---- 6- 11
MACHINE READY FOR ATTACHMENT ---- 6- 12
LOCATIONS ---- 6- 12
HYDRAULIC CIRCUIT ---- 6- 14
ATTACHMENT OPERATIONS ---- 6- 17
LONG TERM STORAGE ---- 6- 18
SPECIFICATIONS ---- 6- 19
CHANGING MACHINE CONTROL PATTERN (IF PATTERN CHANGE VALVE EQUIPPED) ---- 6- 20
CONTROL PATTERN CHANGE PROCEDURE ---- 6- 20
MACHINE CONTROL PATTERNS ---- 6- 21
POWER ANGLE BLADE ---- 6- 22
BLADE CONTROL LEVER ---- 6- 22
WHEN REQUIRED ---- 6- 23
EVERY 500 HOURS SERVICE ---- 6- 23
WEAR PARTS LIST ---- 6- 24
SPECIFICATIONS ---- 6- 24
ATTACHMENT GUIDE ---- 6- 25
ATTACHMENT COMBINATIONS ---- 6- 25
RECOMMENDED ATTACHMENT OPERATIONS ---- 6- 26
HYDRAULIC BREAKER ---- 6- 26
HIGH-ALTITUDE SPECIFICATION MACHINE ---- 7- 1
LOCATIONS ---- 7- 2
MACHINE OPERATIONS AND CONTROLS ---- 7- 3

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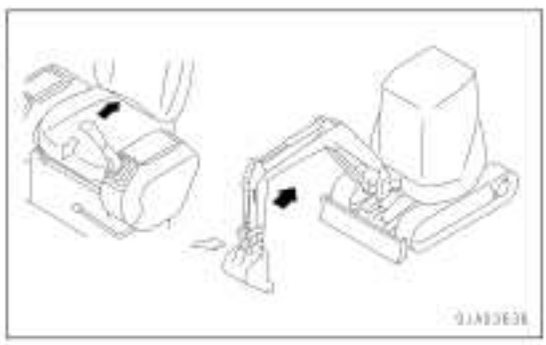
WORK EQUIPMENT CONTROLS AND OPERATIONS

⚠ WARNING

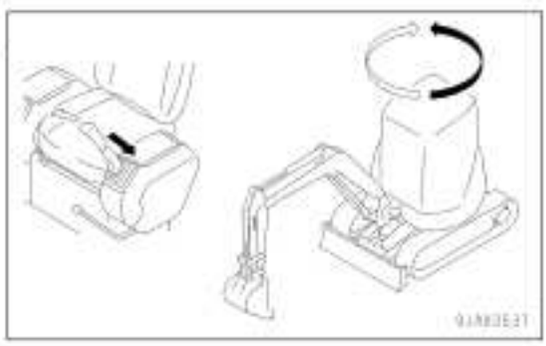
For operation modes other than the standard one (ISO pattern), refer to the chapter of ATTACHMENTS AND OPTIONS in this manual.

Use the control levers to operate the work equipment.
Note that when the levers are released, they return to the HOLD position and the work equipment is held in that position.

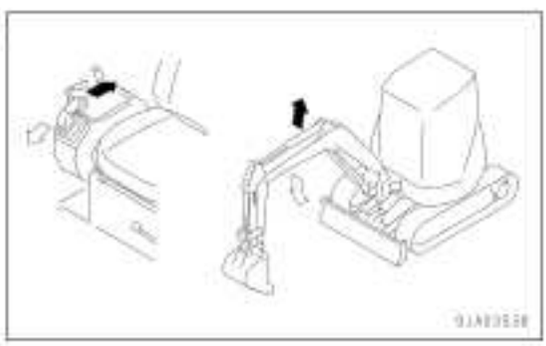
- Arm control
  Move the left work equipment control lever to the front or rear to operate the arm.



- Swing control
  Move the left work equipment control lever to the left or right to swing the upper structure.



- Boom control
  Move the right work equipment control lever to the front or rear to operate the boom.



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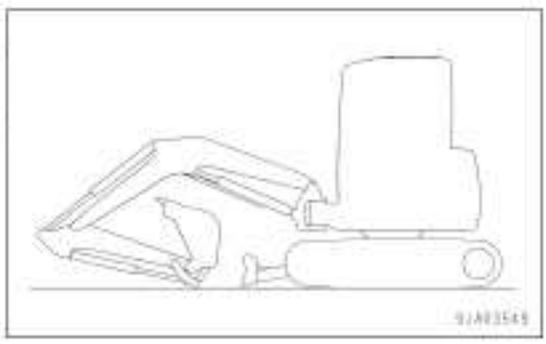
Lubricating Work Equipment

NOTICE

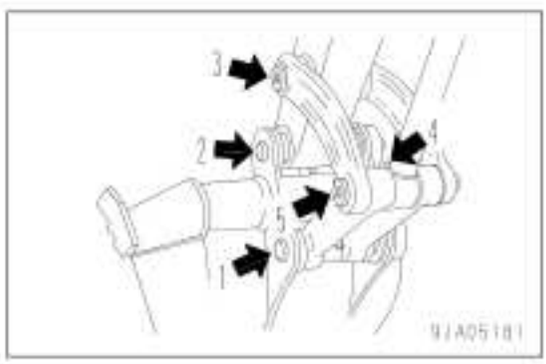
- **When breaking in a new machine, carry out lubrication every 10 hours for the first 100 hours of operation.**
- **If any abnormal sound comes from the greasing point, carry out greasing regardless of the inspection and maintenance interval.**
- **After carrying out digging work in water, always lubricate the pins that were under water.**

- Prepare a grease pump

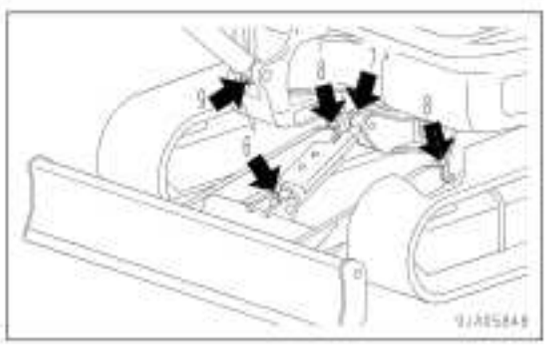
1. Set the machine to the greasing posture shown on the right diagram, lower the work equipment to the ground, then stop the engine.
2. Using a grease pump, pump in grease through the grease fittings shown by arrows.
3. After greasing, wipe off any old grease that was pushed out.



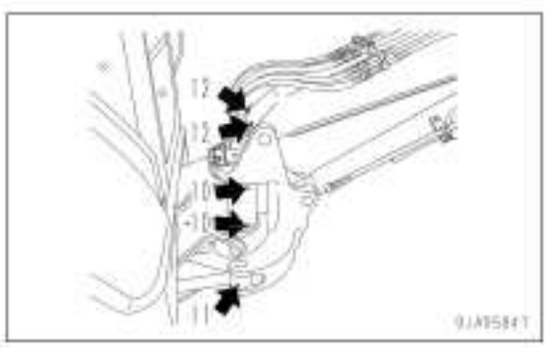
(1) Bucket - Link connecting pins (1 place)
(2) Arm - Bucket connection pin (1 place)
(3) Arm - Link coupling pin (1 place)
(4) Bucket cylinder rod end (1 place)
(5) Link coupling pin (1 place)



(6) Blade cylinder foot pin (1 place)
(7) Blade cylinder rod end (1 place)
(8) Blade foot pin (2 places)
(9) Boom cylinder foot pin (1 place)



(10) Boom swing bracket pin (2 places)
(11) Boom swing cylinder rod end pin (1 place)
(12) Boom foot pin (2 places)

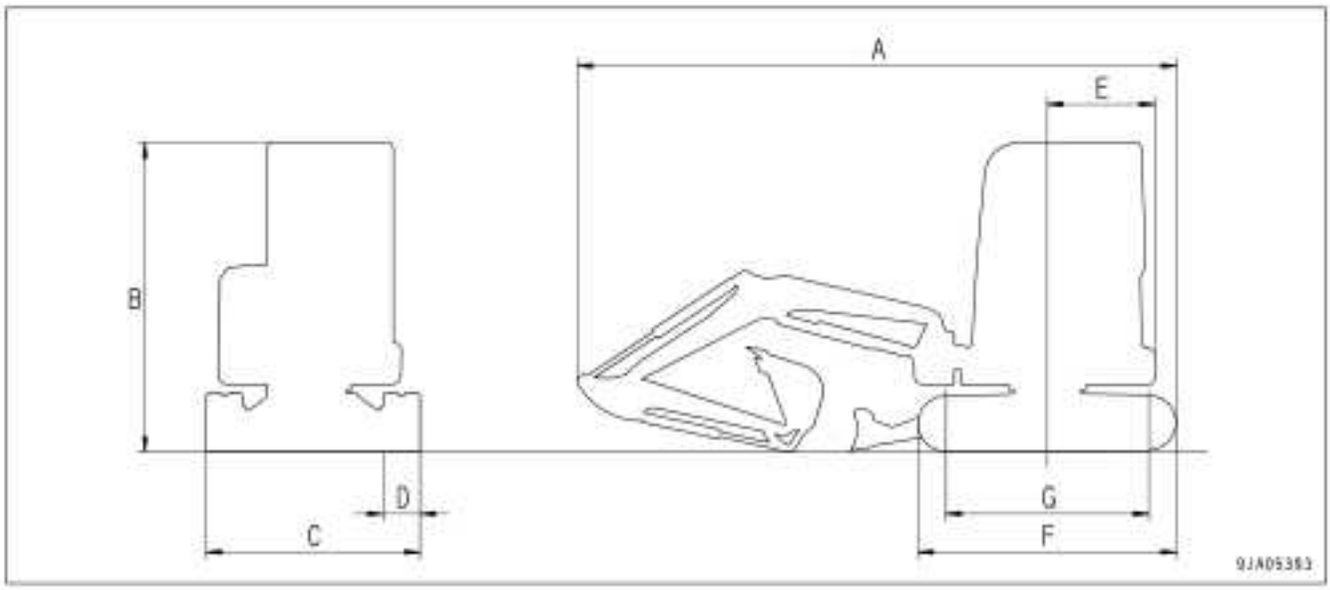


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SPECIFICATIONS

	Item		Unit	PC40MR-2 (With X weight)	PC50MR-2 (With X weight)
	Operating weight	Canopy specified	kg(lb)	5,160(11,375) *1	5,325(11,740) *1
		Cab specified		5,245(11,563) *1	5,410(11,927) *1
	Bucket capacity		m^3(cu.yd)	0.14(0.18)	0.16(0.21)
	Name of engine		-	Komatsu 4D88E-5X diesel engine	
	Engine horsepower		kW(HP)/rpm	29.4(39)/2,350	
A	Overall length		mm(ft in)	5,390(17'8")	5,550(18'3")
B	Overall height	Canopy specified	mm(ft in)	2,625(8'7")	
		Cab specified		2,625(8'7")	
C	Overall width		mm(ft in)	1,960(6'5")	
D	Track width		mm(ft in)	400(1'4")	
E	Radius of upper structure	Canopy specified	mm(ft in)	980(3'3")	
		Cab specified		980(3'3")	
F	Length of track		mm(ft in)	2,520(8'3")	
G	Tumbler center distance		mm(ft in)	2,000(6'7")	
	Min. ground clearance		mm(ft in)	340(1'1")	
	Travel speed (Low/High)		km/h(MPH)	2.8(1.7)/4.6(2.9)	
	Continuous swing speed		rpm	9.0	

*1 : Operating weight of machine with full tank of fuel and an 165lb / 75kg operator (ISO 6016).



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