TEN00336-01

Operation & Maintenance Manual

HYDRAULIC EXCAVATOR

PC400-8 PC400LC-8
PC450-8 PC450LC-8

SERIAL NUMBERS PC400-70290 and up
PC450-70290

ecot3

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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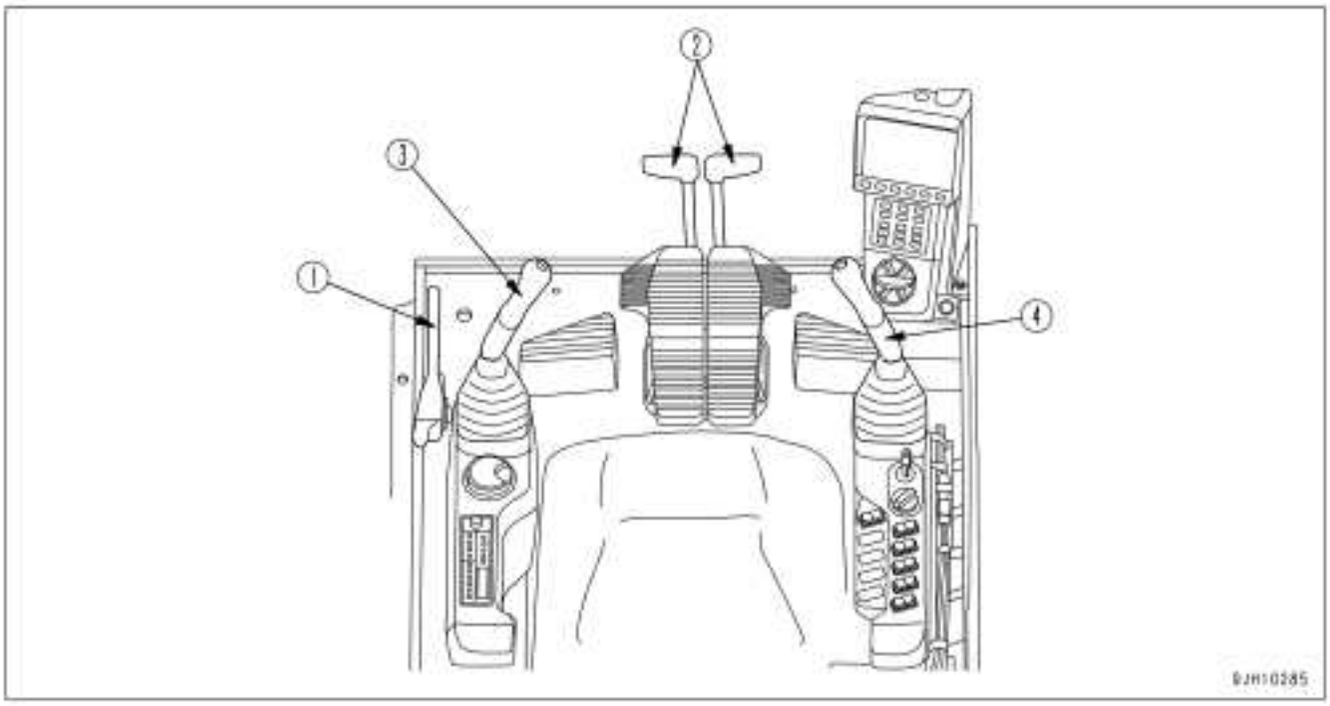
EMERGENCY ESCAPE HAMMER ---- 3- 84
DOOR LOCK ---- 3- 84
CAP WITH LOCK ---- 3- 85
DRINK BOX ---- 3- 87
MAGAZINE BOX ---- 3- 87
ASHTRAY ---- 3- 87
AIR CONDITIONER CONTROLS ---- 3- 88
RADIO ---- 3-101
AUXILIARY ELECTRIC POWER ---- 3-106
FUSE ---- 3-107
FUSIBLE LINK ---- 3-108
CONTROLLER ---- 3-108
TOOL BOX ---- 3-109
GREASE PUMP HOLDER ---- 3-109
FIRE EXTINGUISHER ---- 3-109
MACHINE OPERATIONS AND CONTROLS ---- 3-110
BEFORE STARTING ENGINE ---- 3-110
STARTING ENGINE ---- 3-129
AFTER STARTING ENGINE ---- 3-132
STOPPING THE ENGINE ---- 3-143
MACHINE OPERATION ---- 3-144
STEERING THE MACHINE ---- 3-148
SWINGING ---- 3-150
WORK EQUIPMENT CONTROLS AND OPERATIONS ---- 3-151
WORKING MODE ---- 3-153
PROHIBITED OPERATIONS ---- 3-155
GENERAL OPERATION INFORMATION ---- 3-160
TRAVELING ON SLOPES ---- 3-162
ESCAPE FROM MUD ---- 3-164
RECOMMENDED APPLICATIONS ---- 3-165
BUCKET REPLACEMENT AND INVERSION ---- 3-167
PARKING MACHINE ---- 3-171
MACHINE INSPECTION AFTER DAILY WORK ---- 3-172
LOCKING ---- 3-173
TRANSPORTATION ---- 3-174
TRANSPORTATION PROCEDURE ---- 3-174
LOADING AND UNLOADING WITH TRAILER ---- 3-175
LIFTING MACHINE ---- 3-184
TRANSPORTATION POSTURE ---- 3-186
PROCEDURE FOR INCREASING OR REDUCING TRACK FRAME GAUGE ---- 3-188
COLD WEATHER OPERATION ---- 3-190
COLD WEATHER OPERATION INFORMATION ---- 3-190
AFTER DAILY WORK COMPLETION ---- 3-192
AFTER COLD WEATHER SEASON ---- 3-192
LONG TERM STORAGE ---- 3-193
BEFORE STORAGE ---- 3-193
DURING STORAGE ---- 3-193
AFTER STORAGE ---- 3-194
STARTING MACHINE AFTER LONG-TERM STORAGE ---- 3-194
TROUBLES AND ACTIONS ---- 3-195

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RUNNING OUT OF FUEL ---- 3-195
PHENOMENA THAT ARE NOT FAILURES ---- 3-196
TOWING THE MACHINE ---- 3-197
LIGHTWEIGHT TOWING HOLE ---- 3-198
SEVERE JOB CONDITION ---- 3-198
DISCHARGED BATTERY ---- 3-199
OTHER TROUBLE ---- 3-203
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
WEAR PARTS ---- 4- 8
WEAR PARTS LIST ---- 4- 8
RECOMMENDED FUEL, COOLANT, AND LUBRICANT ---- 4- 9
RECOMMENDED BRANDS, RECOMMENDED QUALITY FOR PRODUCTS OTHER THAN KOMATSU GENUINE OIL ---- 4- 11
TIGHTENING TORQUE SPECIFICATIONS ---- 4- 12
TIGHTENING TORQUE LIST ---- 4- 12
SAFETY CRITICAL PARTS ---- 4- 13
SAFETY CRITICAL PARTS LIST ---- 4- 14
MAINTENANCE SCHEDULE ---- 4- 15
MAINTENANCE SCHEDULE CHART ---- 4- 15
MAINTENANCE INTERVAL FOR HYDRAULIC BREAKER ---- 4- 17
MAINTENANCE PROCEDURE ---- 4- 18
INITIAL 1000 HOURS MAINTENANCE (ONLY AFTER THE FIRST 1000 HOURS) ---- 4- 18
WHEN REQUIRED ---- 4- 19
CHECK BEFORE STARTING ---- 4- 46
EVERY 50 HOURS MAINTENANCE ---- 4- 47
EVERY 250 HOURS MAINTENANCE ---- 4- 48
EVERY 500 HOURS MAINTENANCE ---- 4- 53
EVERY 1000 HOURS MAINTENANCE ---- 4- 66
EVERY 2000 HOURS MAINTENANCE ---- 4- 73
EVERY 4000 HOURS MAINTENANCE ---- 4- 80
EVERY 5000 HOURS MAINTENANCE ---- 4- 82
EVERY 8000 HOURS MAINTENANCE ---- 4- 84
SPECIFICATIONS ---- 5- 1
SPECIFICATIONS ---- 5- 2
ATTACHMENTS AND OPTIONS ---- 6- 1
GENERAL PRECAUTIONS FOR SAFETY ---- 6- 2
PRECAUTIONS WHEN SELECTING ---- 6- 2
READ THE INSTRUCTION MANUAL THOROUGHLY ---- 6- 2
PRECAUTIONS WHEN REMOVING OR INSTALLING ---- 6- 2
PRECAUTIONS WHEN USING ---- 6- 2
BUCKET WITH HOOK ---- 6- 3
HOOK CONDITION ---- 6- 3
PROHIBITED OPERATIONS ---- 6- 3
MACHINE READY FOR ATTACHMENT ---- 6- 4
LOCATIONS ---- 6- 4
HYDRAULIC CIRCUIT ---- 6- 8

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CONTROL LEVERS AND PEDALS



(1) Lock lever
(2) Travel levers
(with pedal and auto-deceleration system)
(3) Left work equipment control lever
(with auto-deceleration system)
(4) Right work equipment control lever
(with auto-deceleration system)

Lock Lever

WARNING

- **When leaving the operator's compartment, set the lock lever securely to the LOCK position. If the lock lever is not at the LOCK position and the control levers or control pedals are touched by mistake, it may lead to serious personal injury.**
- **Check that the condition of the lever is as shown in the diagram.**
- **When pulling the lock lever up, be careful not to touch the work equipment control lever.**
  When pushing the lock lever down, be careful not to touch the work equipment control lever.

This lever (1) is a device to lock the work equipment, swing, travel, and attachment (if equipped) control levers.

(L) LOCK position: Even when levers or attachment control pedal (if equipped) are operated, machine does not move
(F) FREE position: Machine moves according to operation of levers or attachment control panel (if equipped)



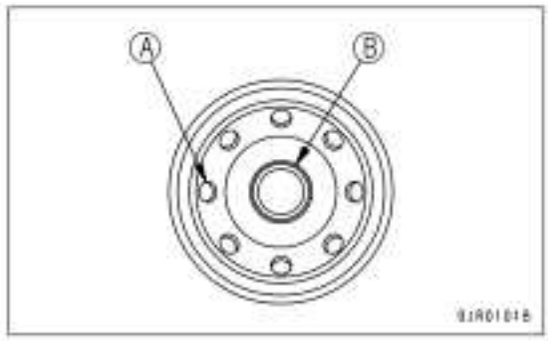
REMARK
This lock lever is of hydraulic lock type. Accordingly, when it is in the lock position (L), the control levers or control pedals move but the machine does not move.

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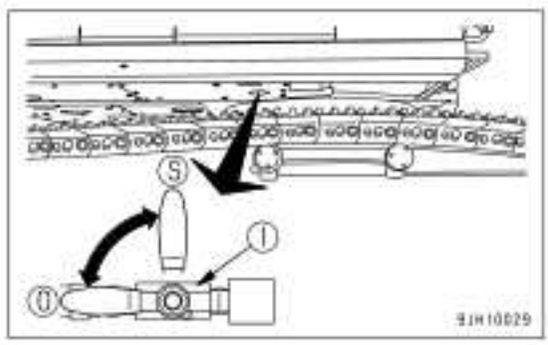
5. Clean the filter holder, coat the packing surface of the new filter cartridge thinly with oil, then install the filter cartridge to the filter holder.

NOTICE

- **Do not fill the new filter cartridge with fuel.**
- **Remove cap (B) and install the filter cartridge.**



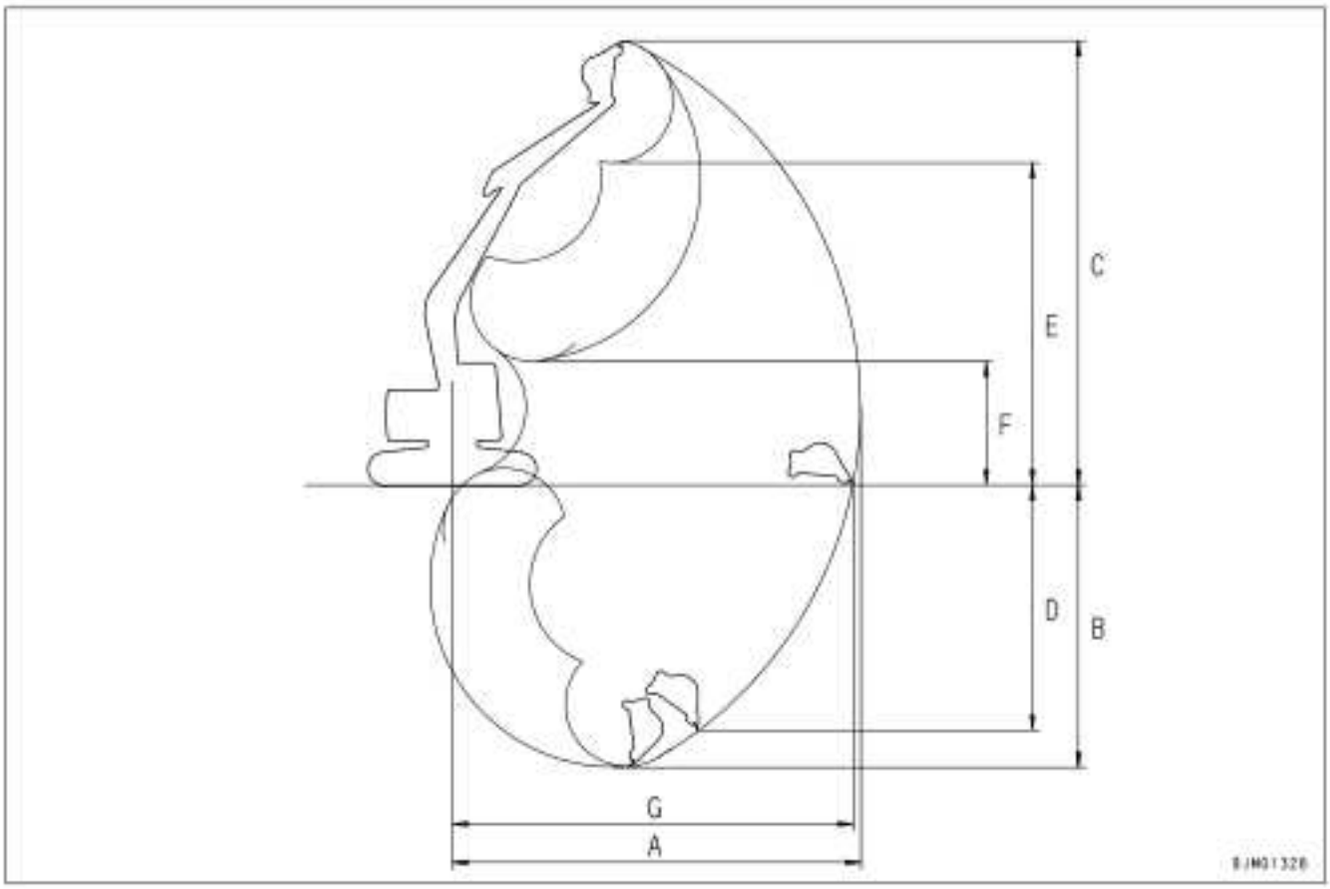
6. When installing, tighten until the packing surface contacts the seal surface of the filter holder, then tighten it 3/4 of a turn.
   If the filter cartridge is tightened too far, the packing will be damaged and this will lead to leakage of fuel. If the filter cartridge is too loose, fuel will also leak from the packing, so always tighten the correct amount.
7. Turn the valve (1) at the bottom of the fuel tank to the OPEN position (O).



8. After completing the replacement of filter cartridge (2), bleed the air.

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	Working ranges	Unit	PC400-8	PC400LC-8	PC450-8	PC450LC-8
A	Max. digging reach	mm (ft in)	12,025 (39' 5")	12,025 (39' 5")	12,005 (39' 5")	12,005 (39' 5")
B	Max. digging depth	mm (ft in)	7,820 (25' 8")	7,820 (25' 8")	7,790 (25' 7")	7,790 (25' 7")
C	Max. digging height	mm (ft in)	10,915 (35' 10")	10,915 (35' 10")	10,925 (35' 10")	10,925 (35' 10")
D	Max. vertical wall digging depth	mm (ft in)	6,870 (22' 6")	6,870 (22' 6")	6,600 (21' 8")	6,600 (21' 8")
E	Max. dumping height	mm (ft in)	7,565 (24' 10")	7,565 (24' 10")	7,625 (25')	7,625 (25')
F	Min. dump height	mm (ft in)	2,890 (9' 6")	2,890 (9' 6")	2,920 (9' 7")	2,920 (9' 7")
G	Max. digging reached at ground level	mm (ft in)	11,820 (38' 9")	11,820 (38' 9")	11,800 (38' 9")	11,800 (38' 9")



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