TEN00345-04

Operation & Maintenance Manual

HYDRAULIC EXCAVATOR

PC800 -8 PC800LC-8
PC800SE-8
PC850 -8 PC850SE-8

SERIAL NUMBERS PC800-55224 and up
PC850-55224

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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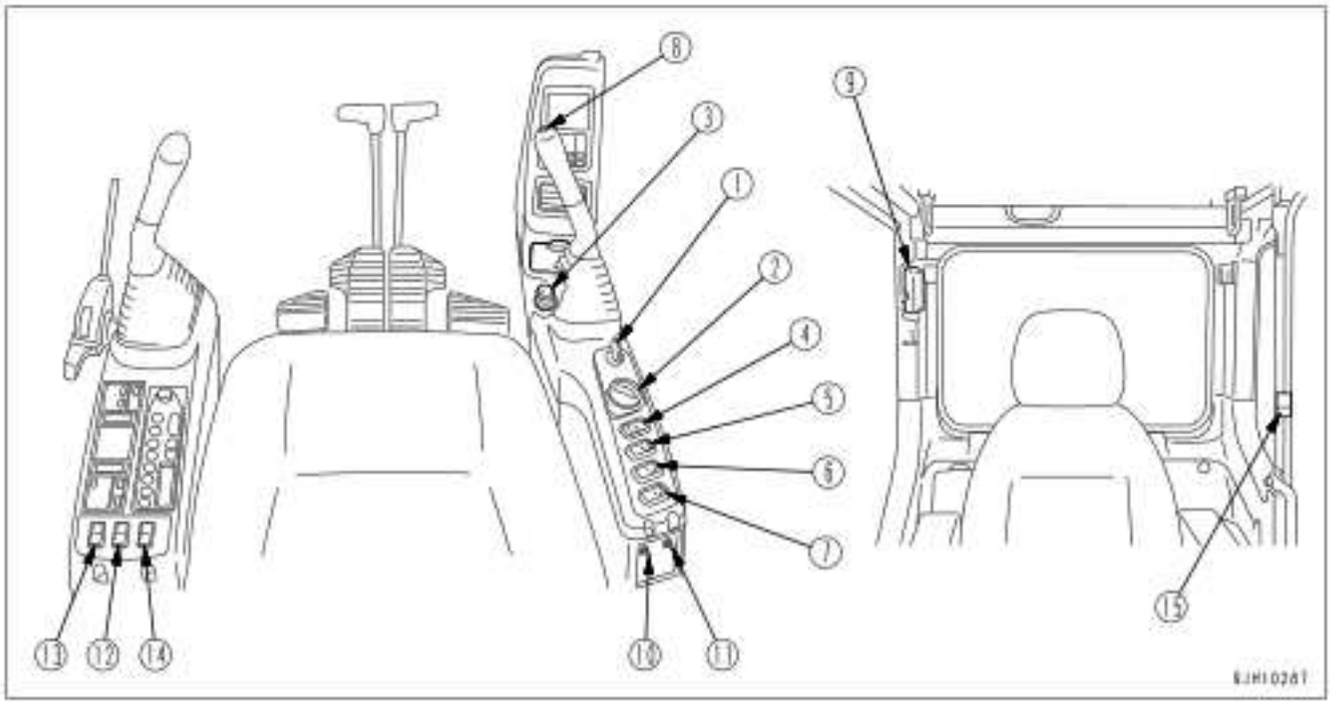
EMERGENCY EXIT FROM OPERATOR'S CAB ---- 3- 49
DOOR LOCK ---- 3- 49
CAP WITH LOCK ---- 3- 50
HOT AND COOL BOX ---- 3- 52
MAGAZINE BOX ---- 3- 52
ASHTRAY ---- 3- 52
FIRE EXTINGUISHER ---- 3- 53
AIR CONDITIONER CONTROLS ---- 3- 54
RADIO ---- 3- 68
AUXILIARY ELECTRIC POWER ---- 3- 77
FUSE ---- 3- 78
CIRCUIT BREAKER ---- 3- 79
CONTROLLER ---- 3- 80
TOOL BOX ---- 3- 80
GREASE PUMP ---- 3- 81
MACHINE OPERATIONS AND CONTROLS ---- 3- 85
BEFORE STARTING ENGINE ---- 3- 85
STARTING ENGINE ---- 3-104
AFTER STARTING ENGINE ---- 3-107
STOPPING THE ENGINE ---- 3-116
MACHINE OPERATION ---- 3-117
STEERING THE MACHINE ---- 3-121
SWINGING ---- 3-123
WORK EQUIPMENT CONTROLS AND OPERATIONS ---- 3-124
WORKING MODE ---- 3-125
PROHIBITED OPERATIONS ---- 3-127
GENERAL OPERATION INFORMATION ---- 3-132
TRAVELING ON SLOPES ---- 3-134
ESCAPE FROM MUD ---- 3-136
RECOMMENDED APPLICATIONS ---- 3-137
BUCKET REPLACEMENT ---- 3-138
PARKING MACHINE ---- 3-140
MACHINE INSPECTION AFTER DAILY WORK ---- 3-141
LOCKING ---- 3-142
TRANSPORTATION ---- 3-143
TRANSPORTATION PROCEDURE ---- 3-143
LIFTING MACHINE ---- 3-144
SHIPPING MACHINE INFORMATION ---- 3-145
TRANSPORTATION POSTURE ---- 3-146
PROCEDURE FOR INCREASING OR REDUCING TRACK FRAME GAUGE ---- 3-152
COLD WEATHER OPERATION ---- 3-154
COLD WEATHER OPERATION INFORMATION ---- 3-154
AFTER DAILY WORK COMPLETION ---- 3-157
AFTER COLD WEATHER SEASON ---- 3-157
LONG TERM STORAGE ---- 3-158
BEFORE STORAGE ---- 3-158
DURING STORAGE ---- 3-158
AFTER STORAGE ---- 3-159
STARTING MACHINE AFTER LONG-TERM STORAGE ---- 3-159
TROUBLES AND ACTIONS ---- 3-160

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RUNNING OUT OF FUEL ---- 3-160
PHENOMENA THAT ARE NOT FAILURES ---- 3-161
TOWING THE MACHINE ---- 3-162
SEVERE JOB CONDITION ---- 3-162
DISCHARGED BATTERY ---- 3-163
OTHER TROUBLE ---- 3-167
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 PROCEDURE ---- 4- 17
INITIAL 100 HOURS MAINTENANCE (ONLY AFTER THE FIRST 100 HOURS) ---- 4- 17
INITIAL 500 HOURS MAINTENANCE (ONLY AFTER THE FIRST 500 HOURS) ---- 4- 17
WHEN REQUIRED ---- 4- 18
CHECK BEFORE STARTING ---- 4- 41
EVERY 10 HOURS MAINTENANCE ---- 4- 42
EVERY 100 HOURS MAINTENANCE ---- 4- 44
EVERY 250 HOURS MAINTENANCE ---- 4- 45
EVERY 500 HOURS MAINTENANCE ---- 4- 50
EVERY 1000 HOURS MAINTENANCE ---- 4- 59
EVERY 2000 HOURS MAINTENANCE ---- 4- 72
EVERY 4000 HOURS MAINTENANCE ---- 4- 78
EVERY 5000 HOURS MAINTENANCE ---- 4- 81
EVERY 8000 HOURS MAINTENANCE ---- 4- 85
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
ATTACHMENT GUIDE ---- 6- 3
COMBINATIONS OF WORK EQUIPMENT ---- 6- 4
TRACK SHOES SELECTION ---- 6- 6
HANDLING COUNTERWEIGHT REMOVER ---- 6- 7
HANDLING MACHINES EQUIPPED WITH KOMTRAX ---- 6- 19
BASIC PRECAUTIONS ---- 6- 19

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SWITCHES



(1) Starting switch
(2) Fuel control dial
(3) Cigarette lighter
(4) Lamp switch
(5) Swing lock switch
(6) Machine push-up switch
(7) Boom shockless control switch
(8) Horn switch
(9) Room lamp switch
(10) Emergency pump drive switch
(11) Swing brake cancel switch
(12) Rotating lamp switch (if equipped)
(13) Large capacity airflow air conditioner blower switch (if equipped)
(14) Lower wiper switch (Fixed front window cab specification) (if equipped)
(15) Step light switch

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MAINTENANCE PROCEDURE

INITIAL 100 HOURS MAINTENANCE (ONLY AFTER THE FIRST 100 HOURS)

Perform the following maintenance only after the first 100 hours.

- Clean strainer of coupling lubricating oil filter

For details of the method of maintaining, see EVERY 500 HOURS MAINTENANCE.

INITIAL 500 HOURS MAINTENANCE (ONLY AFTER THE FIRST 500 HOURS)

Carry out the following maintenance only after the first 500 hours of operation on new machines.

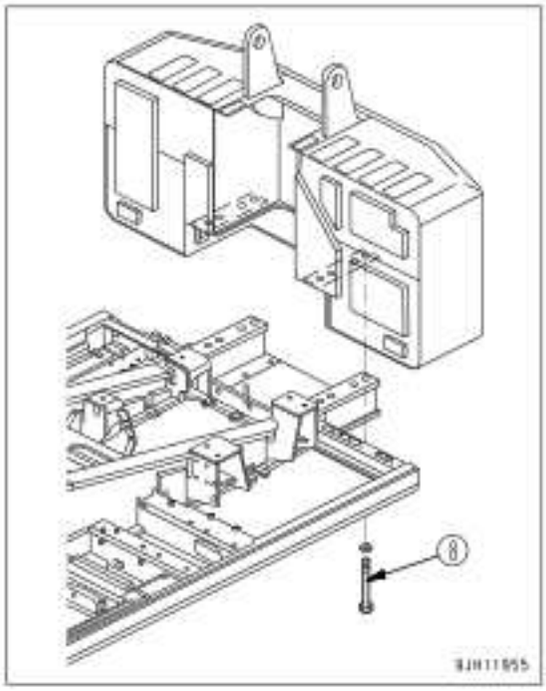
- Change oil in swing machinery case
- Change oil in couplig case
- Change oil in final drive case

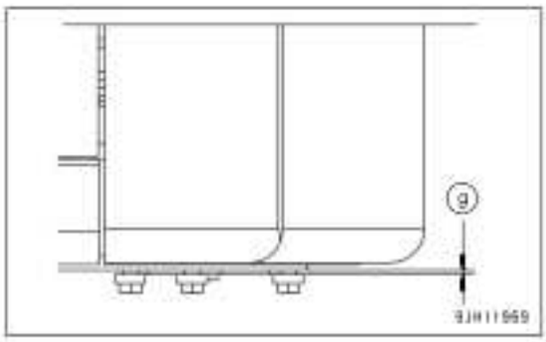
Special tools are needed for inspection and maintenance, so contact your Komatsu distributor.

For details of the method of replacing or maintaining, see EVERY 1000 HOURS and EVERY 2000 HOURS SERVICE.

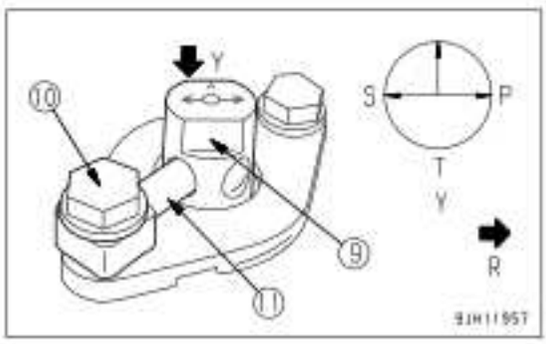
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15. Set all the counterweight completely in the revolving frame, then install with the mounting bolts. The method for installing the counterweight is as follows.
    1) Turn the engine starting switch OFF
    2) Temporarily tighten the 6 counterweight mounting bolts (8) so that the gap (g) between the revolving frame and the counterweight mounting bolt washers is 0-5 mm.
    3) Operate counterweight remover control levers (12) and (15) quickly to the full stroke in direction (e) several times until the counterweight is completely settled, then remove the remaining pressure in remover link cylinders (13) and (19).
    4) Install 6 counterweight mounting bolts (8) fully.
    Width across flats of bolts: 65 mm (2.6 in)
    Tightening torque: 3,430-4,212Nm(350-430kgf·m, 2,532-3,110lbft)





16. Turn the arrow stamped on the head of remover control selector valve (9) to the "Y" view position, and then secure it with bolt (10) and lever (11).
    Tightening torque: 98-123Nm(10-12.5kgf·m, 72.3-90.4lbft)



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