TEN00103-06

Operation & Maintenance Manual

BULLDOZER

D65EX -15E0
D65PX -15E0
D65WX -15E0

SERIAL NUMBERS D65EX- 69001
D65PX- 69001 and up
D65WX-69001

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.

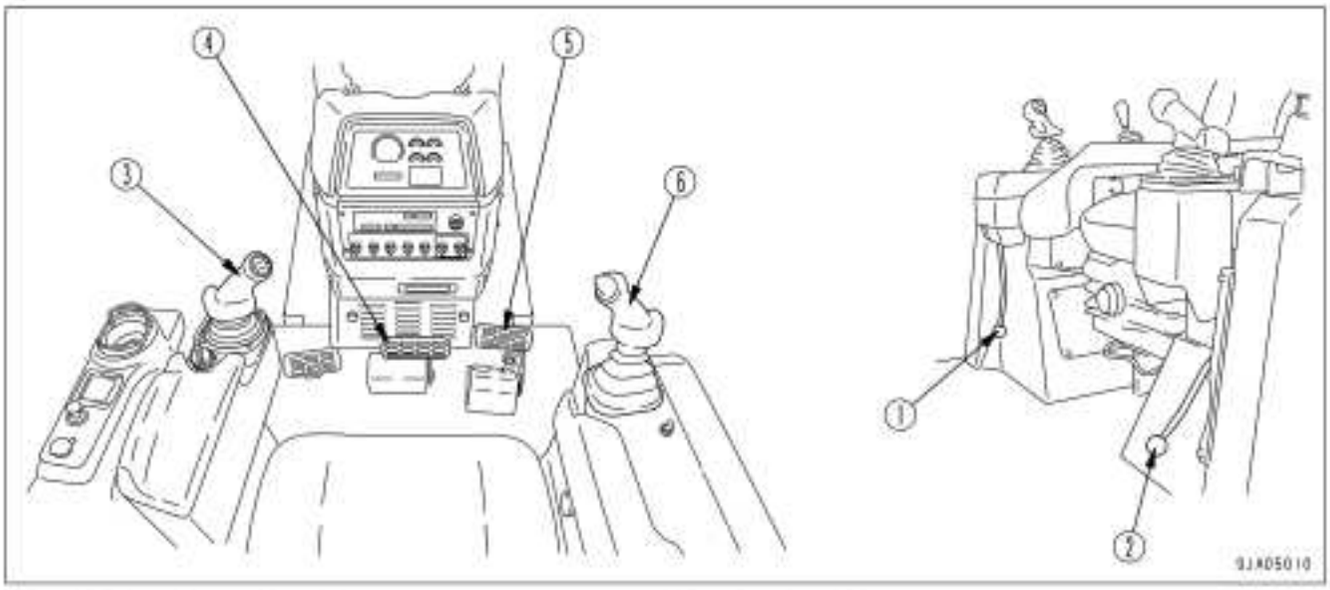
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CAP WITH LOCK ---- 3- 50
DOOR - OPEN LOCK ---- 3- 52
SASH GLASS INTERMEDIATE LOCK ---- 3- 52
DOOR POCKET ---- 3- 53
OPENING AND CLOSING ENGINE SIDE COVER ---- 3- 53
ASHTRAY ---- 3- 54
CUP HOLDER ---- 3- 54
TOOL BOX ---- 3- 54
SHOVEL HOLDER ---- 3- 55
CAR STEREO, HANDLING ---- 3- 56
AIR CONDITIONER, HANDLING ---- 3- 64
OPERATION ---- 3- 70
CHECK BEFORE STARTING ENGINE, ADJUST ---- 3- 70
STARTING ENGINE ---- 3- 87
OPERATIONS AND CHECKS AFTER STARTING ENGINE ---- 3- 92
STOPPING ENGINE ---- 3- 95
MACHINE OPERATION ---- 3- 96
SHIFTING GEARS ---- 3- 99
SHIFTING BETWEEN FORWARD AND REVERSE ---- 3-102
STEERING MACHINE ---- 3-104
PRECAUTIONS FOR OPERATION ---- 3-106
WORK POSSIBLE USING BULLDOZER ---- 3-108
ADJUSTING POSTURE OF WORK EQUIPMENT ---- 3-110
PARKING MACHINE ---- 3-114
CHECK AFTER FINISHING WORK ---- 3-115
LOCKING ---- 3-116
TIPS FOR LONGER UNDERCARRIAGE LIFE ---- 3-117
TRANSPORTATION ---- 3-120
TRANSPORTATION MEANS ---- 3-120
REMOVING CAB ---- 3-120
PRECAUTIONS WHEN REMOVING WORK EQUIPMENT ---- 3-121
PRECAUTIONS WHEN REMOVING ROPS ---- 3-121
LOADING, UNLOADING WORK ---- 3-122
LIFTING MACHINE ---- 3-125
TRAVELING ON ROADS ---- 3-127
COLD WEATHER OPERATION ---- 3-128
PRECAUTIONS FOR LOW TEMPERATURE ---- 3-128
AFTER COMPLETION OF WORK ---- 3-129
AFTER COLD WEATHER ---- 3-129
LONG-TERM STORAGE ---- 3-130
BEFORE STORAGE ---- 3-130
DURING STORAGE ---- 3-130
AFTER STORAGE ---- 3-130
TROUBLESHOOTING ---- 3-131
AFTER RUNNING OUT OF FUEL ---- 3-131
METHOD OF TOWING MACHINE ---- 3-132
IF BATTERY IS DISCHARGED ---- 3-133
OTHER TROUBLE ---- 3-137
MAINTENANCE ---- 4- 1
GUIDE TO MAINTENANCE ---- 4- 2

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CONTROL LEVERS AND PEDALS



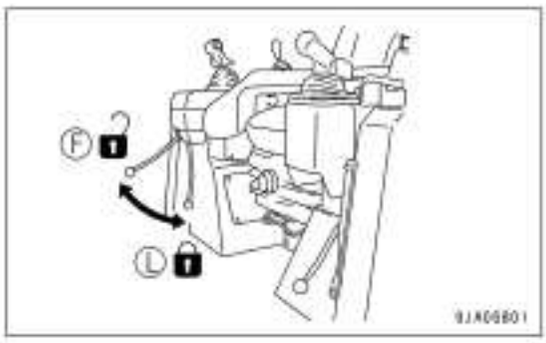
(1) Work equipment lock lever
(2) Parking brake lever
(3) Steering, forward-reverse, gear shift lever
(4) Brake pedal
(5) Decelerator pedal
(6) Blade control lever

WORK EQUIPMENT LOCK LEVER

WARNING

- **When leaving the operator's compartment, set the work equipment lock lever securely to the LOCK position. If the work equipment lock lever is not at the LOCK position and the control levers are touched by mistake, it may lead to serious personal injury.**
- **If the work equipment lock lever is not set securely to the LOCK position, the work equipment may move and cause serious injury. Check that it is in the position shown in the diagram.**
- **When parking the machine or when carrying out maintenance, always lower the work equipment to the ground, then set the work equipment lock lever to the LOCK position.**

This lever (1) is a lock device for the work equipment control lever.
(L) LOCK position: Work equipment does not move even when work equipment control lever is operated
(F) FREE position: Work equipment moves according to operation of work equipment control lever



REMARK
When starting the engine, to ensure safety, always set the work equipment lock lever to the LOCK position.

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ADJUSTMENT

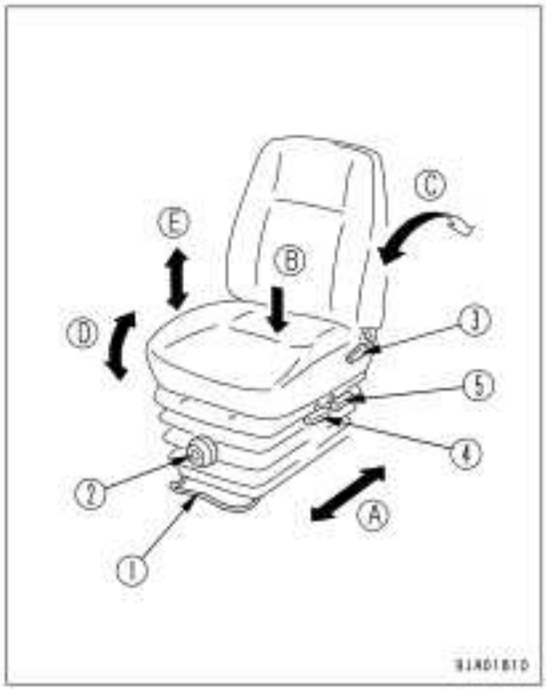
ADJUST OPERATOR'S SEAT

⚠ 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.

(A) Fore-and-aft adjustment
Pull lever (1), set the seat to a position where it is easy to operate, then release the lever.
Fore-aft adjustment: 160 mm (6.3 in) (8 stages)



(B) Weight adjustment of seat
Turn knob (2) under the seat to match the weight adjustment scale with your own weight.
The weight can be adjusted to 50 to 120 kg (110 to 265 lb).

REMARK
To make the seat softer, adjust the weight to make it lighter; to make the seat harder, adjust the weight to make it heavier.
When traveling on rough road surfaces, make the seat harder before starting operations.

(C) Adjust reclining angle
Pull up lever (3) and set the seat back to a position which is comfortable for operation, then release the lever.
Sit with your back against the seat back when adjusting. If your back is not touching the seat back, the seat back may suddenly move forward.

REMARK
The seat can be reclined more when the seat is pushed to the front. The amount of reclining decreases as the seat is pushed back, so when moving the seat back, return the seatback to the upright position.

(D) Seat angle adjustment
- Front angle adjustment of seat (5 stages)

To raise the front of the seat, apply your weight to the seatback, while pulling up lever (4).
To lower the front of the seat, apply your weight to the front of the seat, while pulling up lever (4).
- Rear angle adjustment of seat (5 stages)

To raise the rear of the seat, stand up on your feet a little, while pulling up lever (5).
To lower the rear of the seat, apply your weight to the rear of the seat, while pulling up lever (5).

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EVERY 1000 HOURS SERVICE

Maintenance for every 50, 250 and 500 hours should be carried out at the same time.

REPLACE FUEL MAIN FILTER CARTRIDGE

Carry out this operation after carrying out the maintenance in the "REPLACE FUEL PRE-FILTER CARTRIDGE (PAGE 4-56)" for every 500 hours.

⚠ WARNING

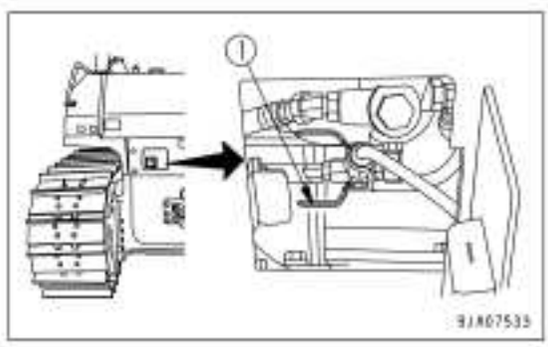
- **After the engine has been operated, all parts are at high temperature, so do not replace the filter immediately. Wait for all parts to cool down before starting the operation.**
- **High pressure is generated inside the engine fuel piping system when the engine is running.**
  When replacing the filter, wait for at least 30 seconds after stopping the engine to let the internal pressure go down before replacing the filter.
- **Do not bring any fire or flame close.**

NOTICE

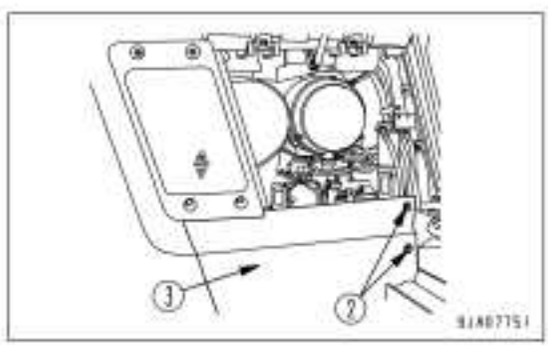
- **Genuine Komatsu fuel filter cartridges use a special filter that has highly efficient filtering ability. When replacing the filter cartridge, always use a genuine Komatsu part.**
- **The common rail fuel injection system used on this machine consists of more precise parts than the conventional injection pump and nozzle.**
  If any part other than a genuine Komatsu filter cartridge is used, dust or dirt may get in and cause problems with the injection system. Always avoid using substitute parts.
- **When carrying out inspection or maintenance of the fuel system, pay more attention than normal to the entry of dirt. If dirt is stuck to any part, use fuel to wash it off completely.**

Prepare a filter wrench and a container to catch the fuel.

1. Open the inspection cover at the bottom of the fuel tank.
2. Close fuel tank valve (1).



3. Open up the engine side cover on the left side of the machine.
4. Remove bolts (2) - 2 bolts in total- to remove lower side cover (3).



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