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(Replaces SEAM044603T)

Operation & Maintenance Manual

GALEO

PC78US-6

HYDRAULIC EXCAVATOR

SERIAL NUMBERS PC78US-6 6501 and up

September 2004

KOMATSU

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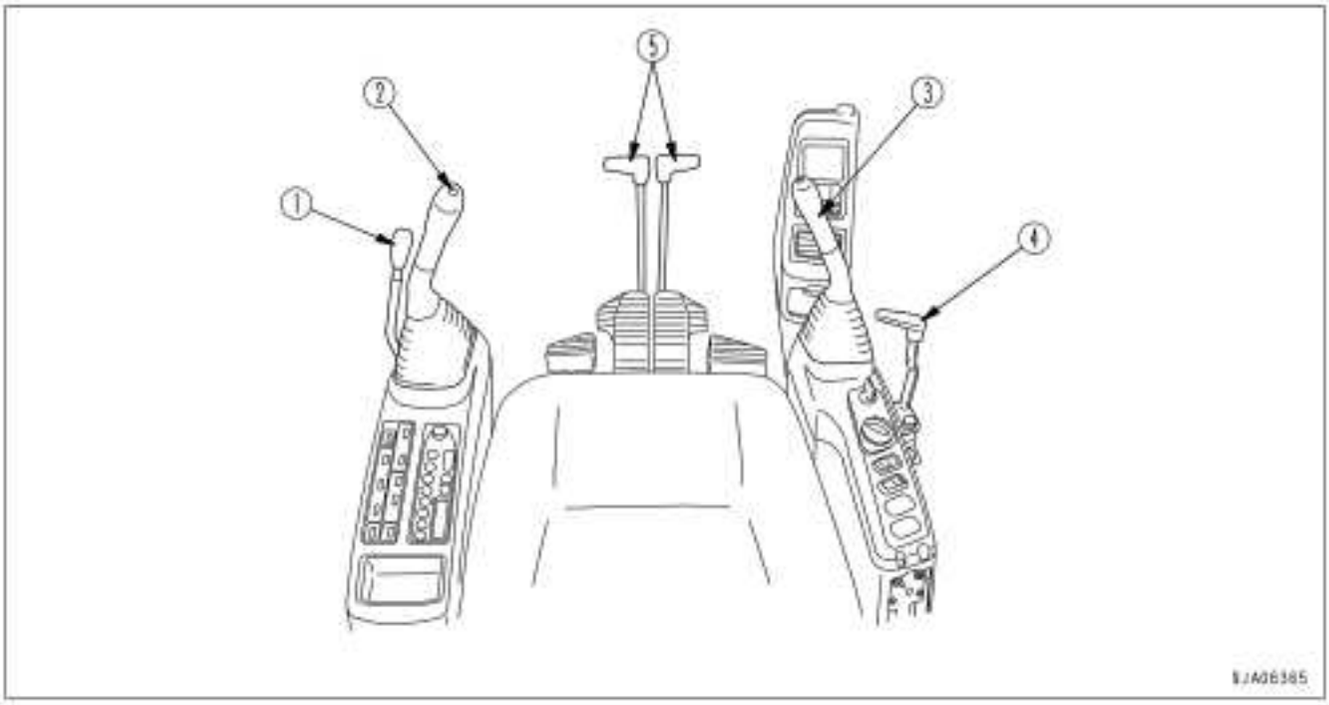
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CONTROL LEVERS AND PEDALS



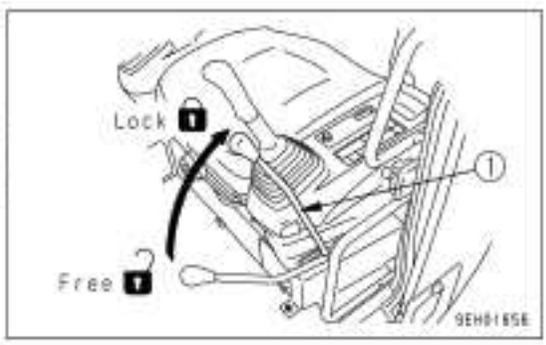
(1) Safety lock lever
(2) Left work equipment control lever
(3) Right work equipment control lever
(4) Blade control lever (blade specification)
(5) Travel levers (with pedals)

Safety Lock Lever

WARNING

- **When leaving the operator's cab, be sure to move the safety lock lever to the LOCK position. If the safety lock lever is not in the LOCK position and a control lever is touched accidentally, that may cause a serious bodily injury.**
- **If the safety lock lever is not secured in the LOCK position, it may cause a serious bodily injury. Check that the lever is in the illustrated position.**
- **Be careful not to accidentally touch the work equipment control lever while pulling up the safety lock lever.**
- **Be careful not to accidentally touch the work equipment control lever while pushing down the safety lock lever.**

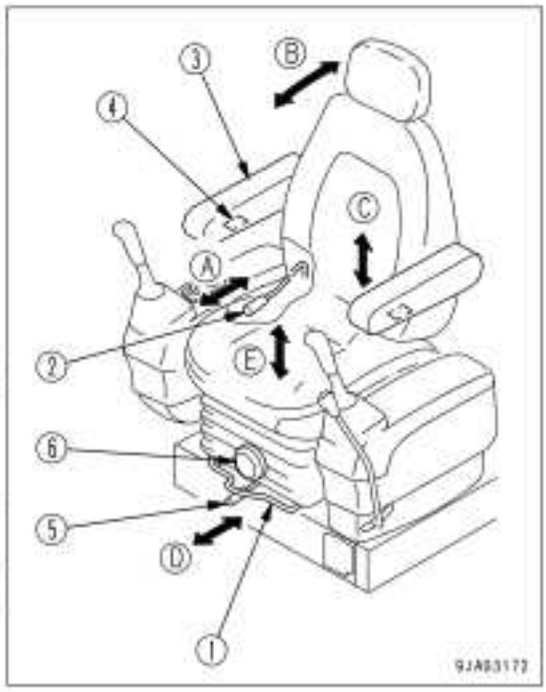
This lever (1) is a locking device for locking operation of the work equipment and attachments, swing and travel.
The lever is put to the LOCK position, when it is pulled up.
This safety lock lever is of a hydraulic locking type. Even if it is put to the LOCK position, the work equipment control lever and travel control lever can be moved, but neither machine nor the work equipment moves.



REMARK
The engine does not start, if the safety lock lever is not in the LOCK position. Make sure first that the safety lock lever is in the LOCK position, and then turn the engine starting switch.

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Suspension Seat
(If equipped)



(A) Fore-and-aft adjustment
Move lever (1) to the upper, set the operator's seat at the desired position, then release the lever.
Fore-and-aft adjustment: 50 mm (2.0 in)

(B) Adjusting reclining

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.

Pull up lever (2) and set the seat back to a position that is comfortable for operation, then release the lever.
Sit with your back against the seat backrest when adjusting. If your back is not against the backrest, the backrest may suddenly move forward.

(C) Adjusting armrest angle
Armrest (3) can be made to spring up by hand approx. 90°.
In addition, by turning the dial (4) at bottom of armrest by hand it is possible to make fine vertical adjustment of the armrest angle.
Armrest adjustment angle: 25°.

REMARK
If the seat back is tipped to the front without raising the armrest (3), the armrest will rise automatically.

(D) Overall fore-and-aft adjustment of seat
Move lever (5) to right. After the seat is set to the desired position, release the lever (5). In this case, the operator's seat, left and right control levers, and safety lock lever all slide together.
Fore-and-aft adjustment: 100 mm (3.9 in)

(E) Adjusting suspension
Adjust the weight adjusting dial to your own weight by turning knob (6) under the operator's seat.
The weight can be adjusted to 50 to 120 kg (110 to 265 lb).
If you want to make the seat softer, turn the weight adjustment to a lower weight; if you want to make the seat harder, adjust to a higher weight.When operating on uneven surfaces, adjust the seat to a harder setting.

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MAINTENANCE PROCEDURE

INITIAL 250 HOURS MAINTENANCE (ONLY AFTER THE FIRST 250 HOURS)

Perform the following maintenance only after the first 250 hours.

- Replace fuel filter cartridge
- Change oil in engine oil pan, replace engine oil filter cartridge

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

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