TEN00520-03

Operation & Maintenance Manual

HYDRAULIC
EXCAVATOR

PC490LC-10

SERIAL NUMBERS 80001 and up

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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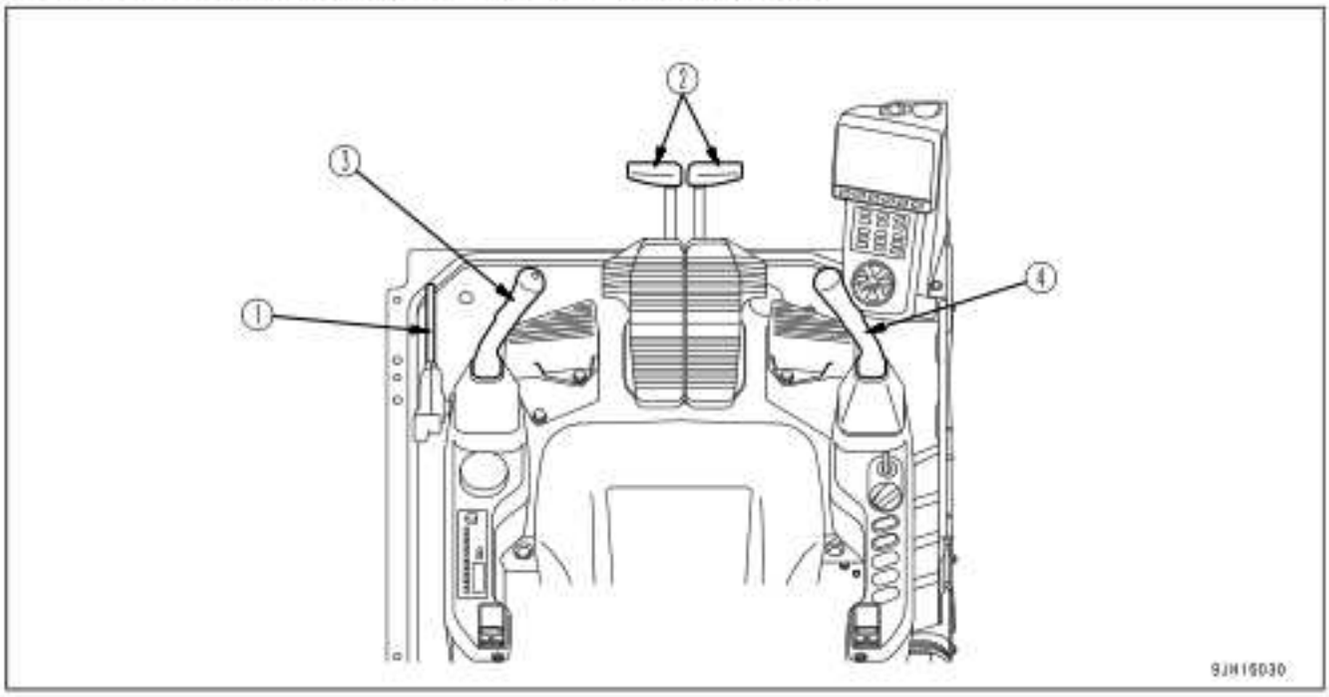
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CONTROL LEVERS AND PEDALS (PC220-K191-04D-K-00-A)



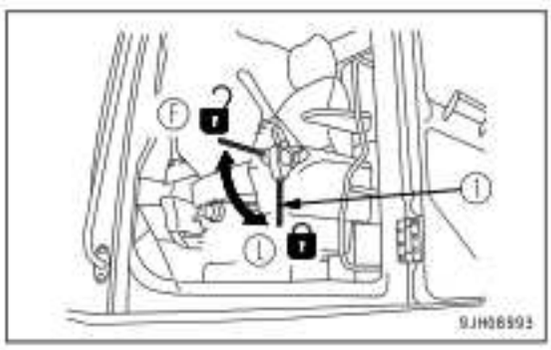
(1) Lock lever
(2) Travel levers (with pedal and auto-deceleration system)
(3) Left work equipment control lever (with auto-deceleration system)
(4) Right work equipment control lever (with auto-deceleration system)

LOCK LEVER (PC-Q5J0-043-K-00-A)

⚠ WARNING

- **When leaving the operator's seat, set the lock lever securely to LOCK position. If the lock lever is not at LOCK position and the control levers or control pedals are touched by mistake, it may lead to serious personal injury or death.**
- **Always check that the lock lever is in LOCK position.**
- **When pulling the lock lever up, or when pushing the lock lever down, be careful not to touch the work equipment control lever.**
- **Before raising the lock lever, make sure that all levers and pedals are set to NEUTRAL position.**

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



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

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EVERY 1000 HOURS MAINTENANCE (ALL-33D0-015-4-00-A)

Maintenance for every 100, 250 and 500 hours should be carried out at the same time.

REPLACE HYDRAULIC OIL FILTER ELEMENT (PC400-PM35-923-K-00-A)

⚠ WARNING

- **Immediately after the engine is stopped, its parts and oil are still very hot, and may cause burn injury. Wait until they have cooled down before starting the work.**
- **When removing the oil filler cap, the oil may spurt out. Turn it slowly to release the internal pressure, then remove it.**

NOTICE

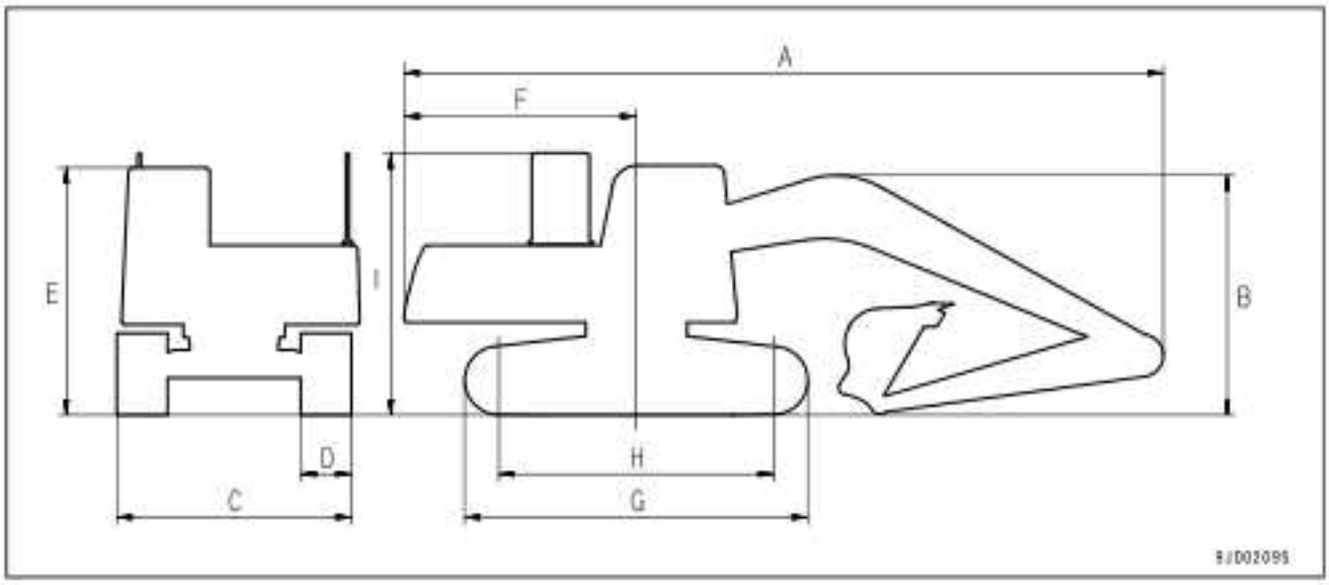
If the machine is equipped with a hydraulic breaker, the hydraulic oil will deteriorate much faster than in normal bucket operations. For details, see "MAINTENANCE INTERVAL FOR HYDRAULIC BREAKER (PAGE 4-13) " when carrying out maintenance.

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SPECIFICATIONS

(PC400-2110-930-A-00-A)

	Item		Unit	PC490LC-10
	Operating weight		kg (lb)	46,660 (102,885)
	Bucket capacity		m^3 (cu_yd)	1.9 (2.5)
	Name of engine		-	KOMATSU SAA6D125E-5 diesel engine
	Engine horsepower	SAE J1995 (Gross)	kW {HP}/min^{-1}{rpm}	270{362}/1,900{1,900}
		ISO 9249 / SAE J1349 (Net)		268 {359}/1,900{1,900}
A	Overall length		mm (ft in)	1,1930 (39' 2")
B	Overall height		mm (ft in)	3,635 (11' 11")
C	Overall width		mm (ft in)	3,590 (11' 9")
D	Track width		mm (ft in)	700 (2' 4")
E	Height of cab		mm (ft in)	3,360 (11' 00")
F	Tail swing radius		mm (ft in)	3,645 (11' 12")
G	Length of track		mm (ft in)	5,385 (17' 8")
H	Length of track on ground		mm (ft in)	4,350 (14' 3")
I	Height of handrail		mm (ft in)	3,450 (11' 4")
	Min. ground clearance		mm (ft in)	700 (2' 4")
	Travel speed (Lo/Mi/Hi)		km/h (MPH)	3.0/4.2/5.5 (1.9/2.6/3.4)
	Swing speed		rpm	9.1



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