WEAM007800

Operation & Maintenance Manual

GALEO

PC16R-2

HYDRAULIC EXCAVATOR

SERIAL NUMBER

PC16R-2 F00003 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.

KOMATSU Utility

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1. Safety lever (control locking lever)

⚠ WARNING

- **Before leaving the driver seat, lower the equipment to the ground and shift the safety lever to the "locked" position (L). If the safety lever is not in the "locked" position and the control levers are touched by mistake, this may lead to serious injury.**
- **If the safety lever is not in the "locked" position, the control levers may move, causing accidents or serious injury. Always make sure that the lever is in the "locked" position, as shown in the figure.**
- **When shifting the safety lever, take care to avoid touching the equipment control levers.**

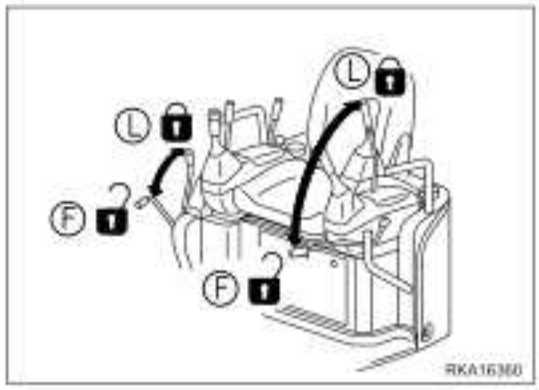
This lever operates the safety device that locks the work equipment, the swing and travel functions and the attachments. When pulled upwards, it is in "locked" position (L).
The safety device is hydraulic, therefore even if the control levers and the pedals move, the work equipment and the machine cannot be operated.

NOTE

- If the safety lever on the right or left side is not in the "locked" position (L), the engine cannot be started. Before operating the ignition switch, always make sure that the safety lever is in the "locked" position. If the engine stops while the safety lever is in "free" position (F), shift the lever back to the "locked" position before operating the ignition switch.

(F): free

(L): locked



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ADJUSTMENT

⚠ DANGER

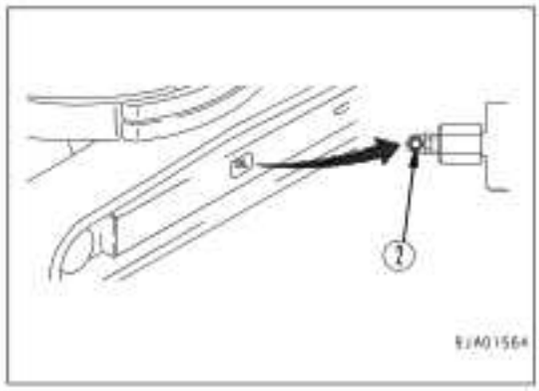
- **The grease contained in the hydraulic cylinder is pressurized. For this reason, do not give the grease valve (1) more than one turn when loosening it; in fact, if the valve is loosened excessively it may be pushed out due to the grease pressure and this is very dangerous for the operator..**
  Do not loose any component apart from the valve (1). If the track tension does not decrease after this operation, contact your Komatsu Dealer.

⚠ WARNING

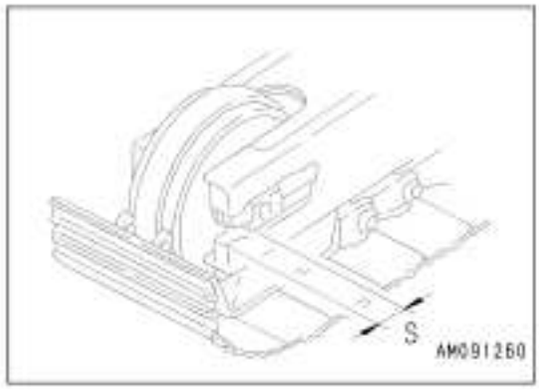
- **If the resistance met when injecting the grease is excessive, move the machine forward and backward covering a short distance.**

To increase the track tension, proceed as follows:

1. Carefully clean the grease valve (1) and inject grease through the grease nipple (2) until reaching the desired tension.



2. When after the injection of grease the idler roller sliding plate reaches the measure «S» of 0 mm and the track is not sufficiently stretched, this means that the pins and bushings are excessively worn. Therefore, it is necessary to exchange or replace the pins and bushings.
   For any replacement or repair, contact your Komatsu Dealer.



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5.2 LIFTING CAPACITIES

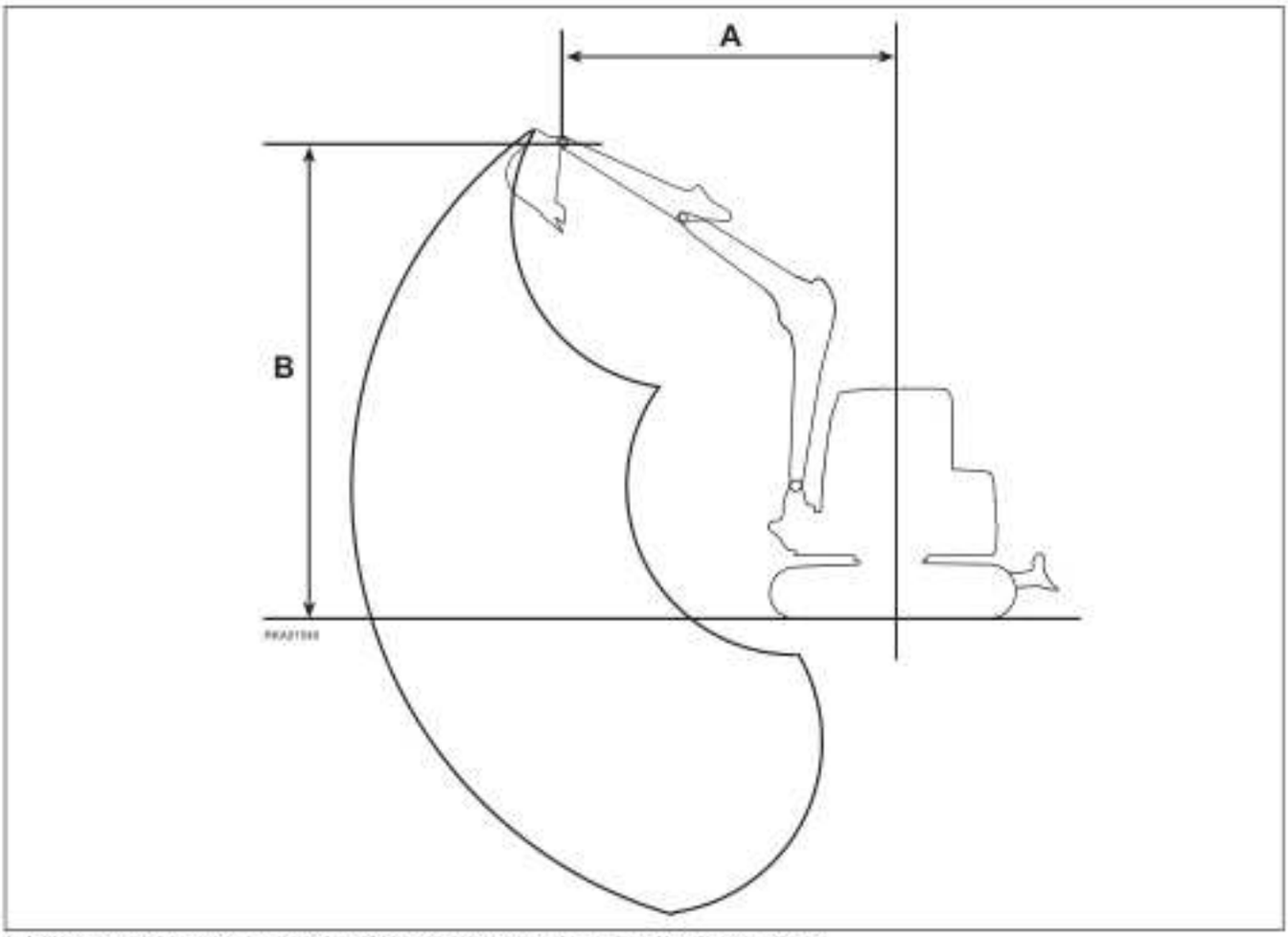
5.2.1 LIFTING CAPACITIES

⚠ DANGER

- **According to the harmonized standard EN474-5 (§ 4.1.7.5), the machine cannot lift weights exceeding 1000 kg, unless it is provided with appropriate equipment.**
- **Carry out lifting operations only with the machine positioned on firm and flat ground.**

NOTE

- The load does not exceed 87% of the hydraulic lifting capacity or 78% of the tipping limit.



* Load limited by the hydraulic lifting capacity and not by the tipping limit.

ROPS CANOPY + STANDARD ARM + STANDARD COUNTERWEIGHT + LOWERED BLADE Unit: kg

A / B-	1 m		1.5 m		2 m		2.5 m		3 m		3.5 m		Max.	
														
3.0 m					*311	*311	-	-	-	-	-	-	*312	*312
2.5 m					-	-	*278	229	-	-	-	-	*285	213
2.0 m					*286	*286	*278	230	-	-	-	-	*279	172
1.5 m			*504	489	*371	316	*313	224	*284	166	-	-	*280	152
1.0 m					*486	299	*364	217	*303	163	-	-	*264	142
0.5 m					*574	285	*407	209	*322	160	-	-	*292	142
0 m			*930	417	*600	278	*426	204	*324	157	-	-	*296	146
- 0.5 m	*1419	811	*840	420	*589	277	*409	203	-	-	-	-	*300	161
- 1.0 m	*1175	823	*690	427	*480	281	*331	206	-	-	-	-	*298	196
- 1.5 m			*422	*422	*266	*266	-	-	-	-	-	-	*265	*265

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