CEAM025407

Operation & Maintenance Manual

PC360LC-10

PC390LC-10

HYDRAULIC EXCAVATOR

SERIAL NUMBERS	PC360LC-10 A32001 and up PC360LC-10 K64001 and up PC390LC-10 A30001 and up
ENGINE	6D114E-5

June 2017

KOMATSU®

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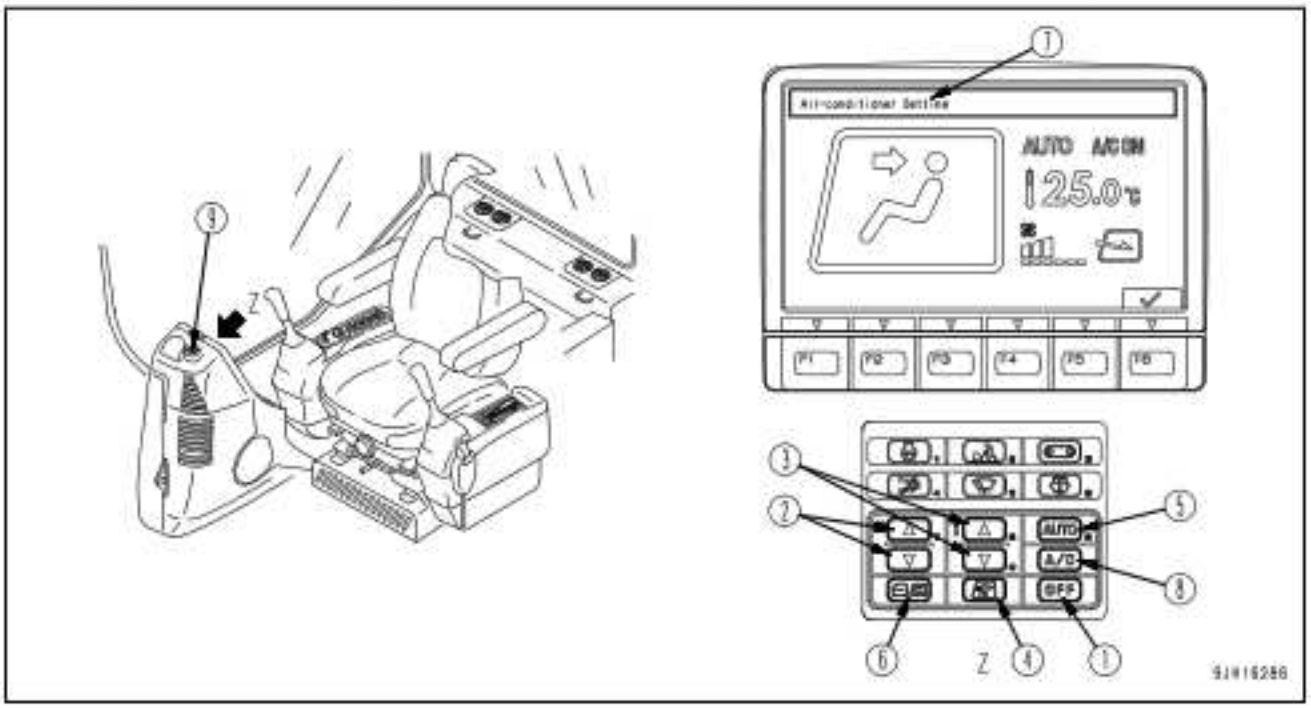
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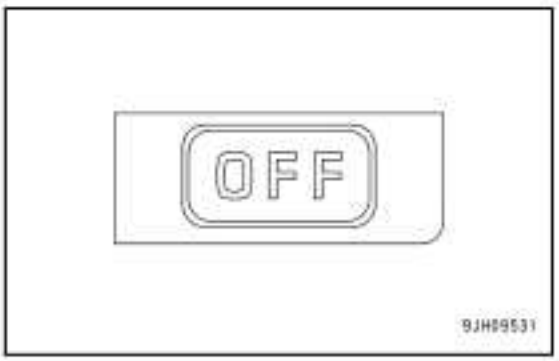
AIR CONDITIONER CONTROL SWITCHES AND SENSOR



1. OFF switch
2. Fan switch
3. Temperature control switch
4. Vent selector switch
5. Auto switch
6. FRESH/RECIRC selector switch
7. Monitor Display
8. Air conditioner switch
9. Sunlight sensor

OFF Switch

The OFF switch is used to stop the fan and air conditioner.



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MAINTENANCE EVERY 2000 HOURS

Perform the following maintenance:

- Replace
  - Final drive case oil
  - KCCV filter element
- Clean
  - Hydraulic tank strainer
- Check
  - Accumulator nitrogen gas pressure
  - Alternator
  - Engine valve clearance

Maintenance for every 50, 250, 500 and 1000 hours of service should be carried out at the same time.

Alternator Check

Contact your Komatsu distributor to have the alternator checked. If the engine is started frequently, have the alternator inspected every 1000 hours.

Engine Valve Clearance Adjustment

Special tools are needed for inspection and maintenance of the engine valve clearance. Contact your Komatsu distributor.

FINAL DRIVE CASE OIL CHANGE

Change the oil in the final drive case every 2000 hours of service.

⚠ WARNING

- **Parts and oil are at high temperatures immediately after the engine is stopped. Wait for the temperature to go down before starting work to prevent burn injuries.**
- **If there is pressure remaining inside the case, the oil or plug may fly out. To avoid injury, loosen the plug slowly to release the pressure and do not stand directly in front of the plug.**

Refill capacity (each):

9.0 liters (2.38 US gal) for PC360LC-10

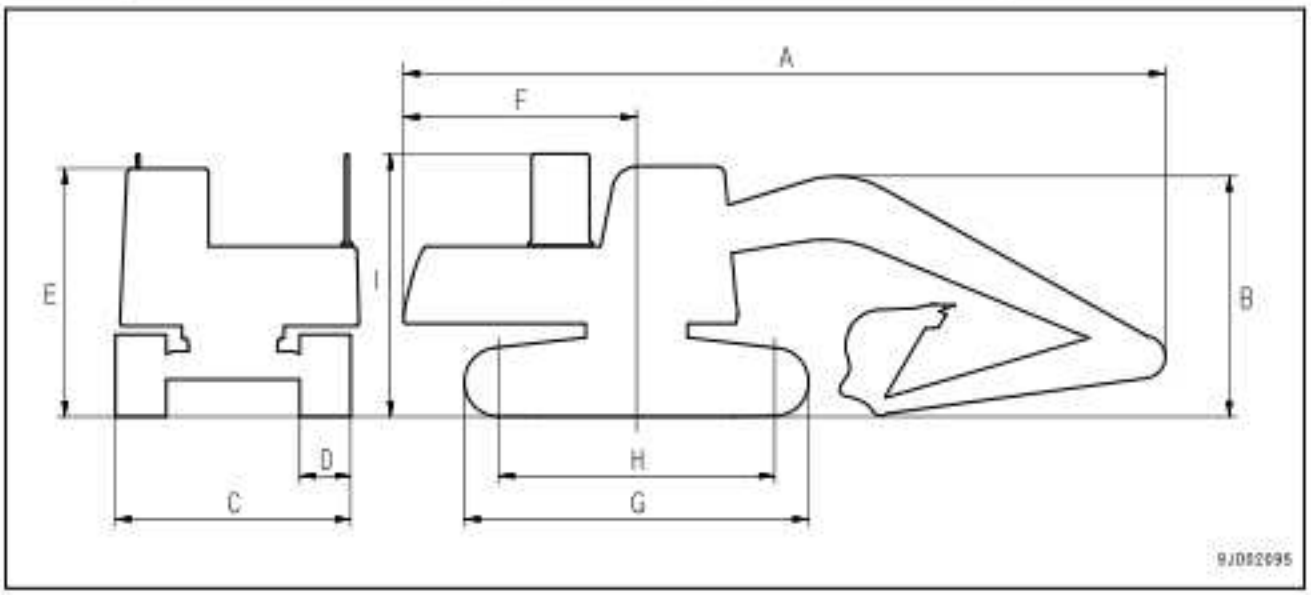
10.5 liters (2.77 US gal) for PC390LC-10

1. Prepare a handle and container for the drained oil.

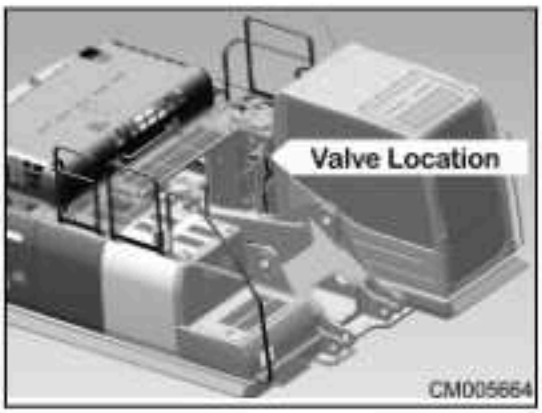
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SPECIFICATIONS: PC360/390LC-10

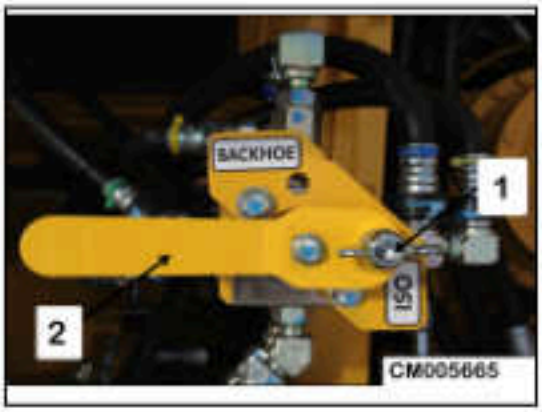
	Item	Unit	PC360LC-10	PC390LC-10
	Operating weight	kg (lb)	35,140 (77,470)	38,000 (83,776)
	Bucket capacity	m^3 (cu.yd)	1.4 (1.8)	1.4 (1.8)
	Name of engine	-	SAA6D114E-5	SAA6D114E-5
	Engine horsepower: Net [ISO 9249/SAE J1349] Gross [SAE J1995]	kW (HP)/rpm	 192 {257}/1,950 202 {271}/1,950	 192 {257}/1,950 202 {271}/1,950
A	Overall length	mm (ft, in)	11,145 (36' 7")	11,145 (36' 7")
B	Overall height	mm (ft, in)	3,285 (10' 9")	3,387 (11' 1")
C	Overall width	mm (ft, in)	3,440 (11' 3")	3,440 (11' 3")
D	Track width	mm (ft, in)	850 (2' 10")	700 (2' 3")
E	Height of cab	mm (ft, in)	3,160 (10' 4")	3,262 (10' 8")
F	Tail Swing Radius	mm (ft, in)	3,445 (11' 4")	3,455 (11' 4")
G	Length of track	mm (ft, in)	4,955 (16' 3")	5,357 (17' 7")
H	Length of track on ground	mm (ft, in)	4,030 (13' 3")	4,350 (14' 3")
I	Height of handrail	mm (ft, in)	3,255 (10' 8")	3,357 (11' 0")
	Min. ground clearance	mm (ft, in)	498 (1' 8")	551 (1' 10")
	Travel speed (Lo/Mi/Hi)	km/h (mph)	3.2/4.5/5.5 (2.0/2.8/3.4)	2.8/3.5/4.3 (1.7/2.2/2.7)
	Swing speed	rpm	9.5	9.5



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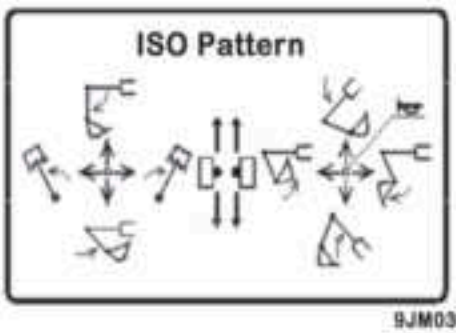
3. When changing the pattern, use the following steps:
   a. Loosen wing bolt (1).
   b. Move lever (2) to select either ISO pattern or Backhoe pattern.
   c. After selecting pattern, tighten wing bolt (1).
   d. Change the operating pattern card (insert it in the cab holder) that matches the selected operating pattern.
   e. Start the engine, set the lock lever to the FREE position, operate the work equipment levers slowly and check that the operating pattern has changed.



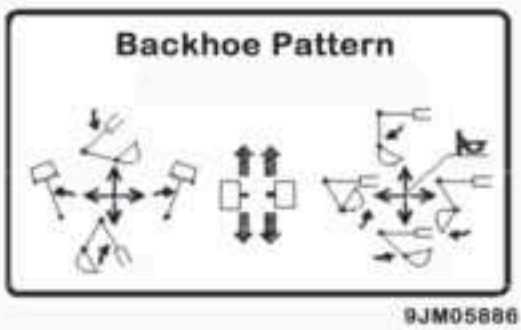
⚠ WARNING

After changing the operating pattern, always change the operating pattern card in the operator's compartment.

ISO PATTERN



BACKHOE PATTERN



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