TEN00021-00
(Replaces SEAM047800T)

Operation & Maintenance Manual

GALEO

PC160LC-7

HYDRAULIC EXCAVATOR

SERIAL NUMBERS PC160LC-7 -10001 and up

February 2005

KOMATSU

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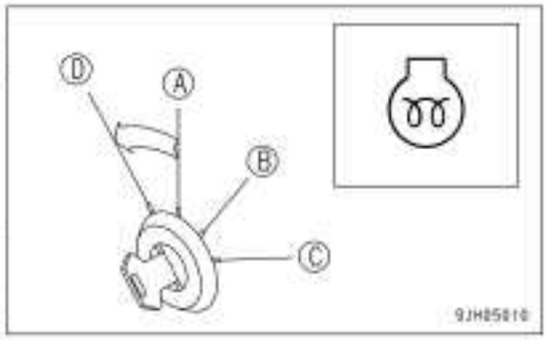
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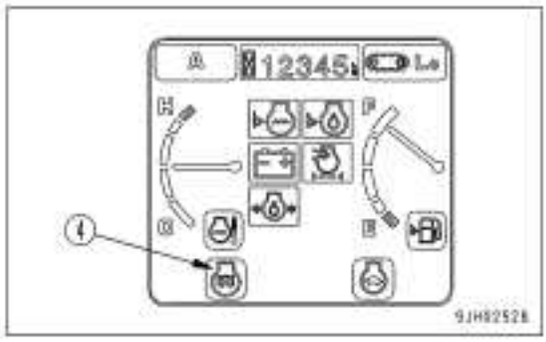
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3. Hold the key in starting switch (3) at the HEAT position (D), and check that engine pre-heating monitor (4) lights up. After about 30 seconds, engine pre-heating monitor lamp (4) will flash to indicate that pre-heating is finished.

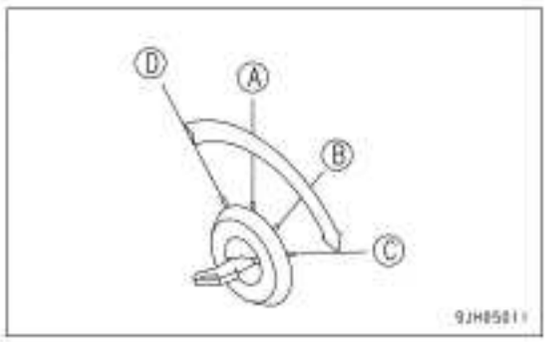


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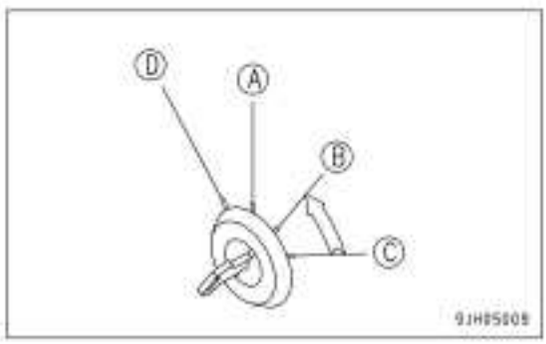
- The monitors and gauges will light up also when the key is turned to the HEAT position, but this is not an abnormality.
- If the temperature is low, the monitor screen may become dark or it may take time for the display to appear, but this is not an abnormality.



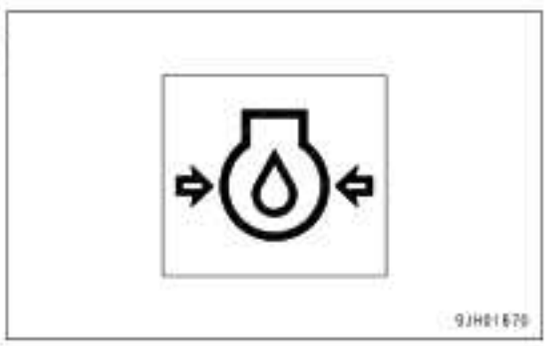
4. When engine pre-heating monitor (4) flashes, turn the key in starting switch (3) to the START position (C) to start the engine.



5. After the engine starts, release the key in starting switch (3). The key will automatically return to the ON position (B).



6. After starting the engine, do not touch the work equipment control lever or travel pedal while the engine oil pressure monitor lamp is lighted up.

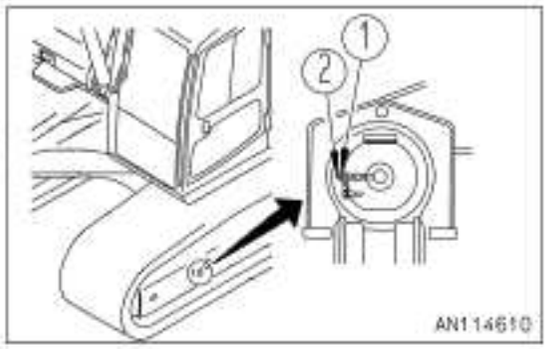


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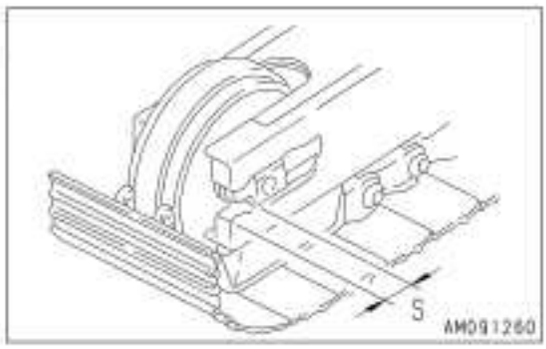
Increasing Track Tension

Prepare a grease gun.

1. Pump in grease through grease fitting (2) with a grease gun. (Grease fitting (2) forms one part with plug (1).)
2. To check if the tension is correct, run the engine at low idling, move the machine slowly forward (by an amount equal to the length of track on ground), then stop the machine.
3. Check the track tension again, and if the tension is not correct, adjust it again.



4. Continue to pump in grease until dimension S becomes zero (0). If the tension is still loose, the pin and bushing are excessively worn, so they must be either turned or replaced. Please contact your Komatsu distributor for repairs.

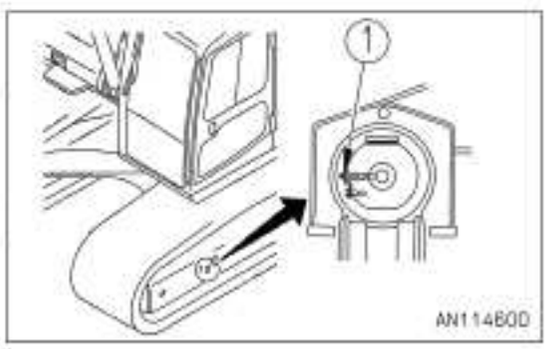


Loosening Track Tension

⚠ WARNING

It is extremely dangerous to release the grease by any method except the procedure given below.
If track tension is not relieved by this procedure, contact your Komatsu distributor for repairs.

1. Loosen plug (1) gradually to release the grease.
2. When loosening plug (1), turn it a maximum of one turn.
3. If the grease does not come out smoothly, move the machine forwards and backwards a short distance.
4. Tighten plug (1).
5. To check if the tension is correct, run the engine at low idling, move the machine slowly forward (by an amount equal to the length of track on ground), then stop the machine.
6. Check the track tension again, and if the tension is not correct, adjust it again.



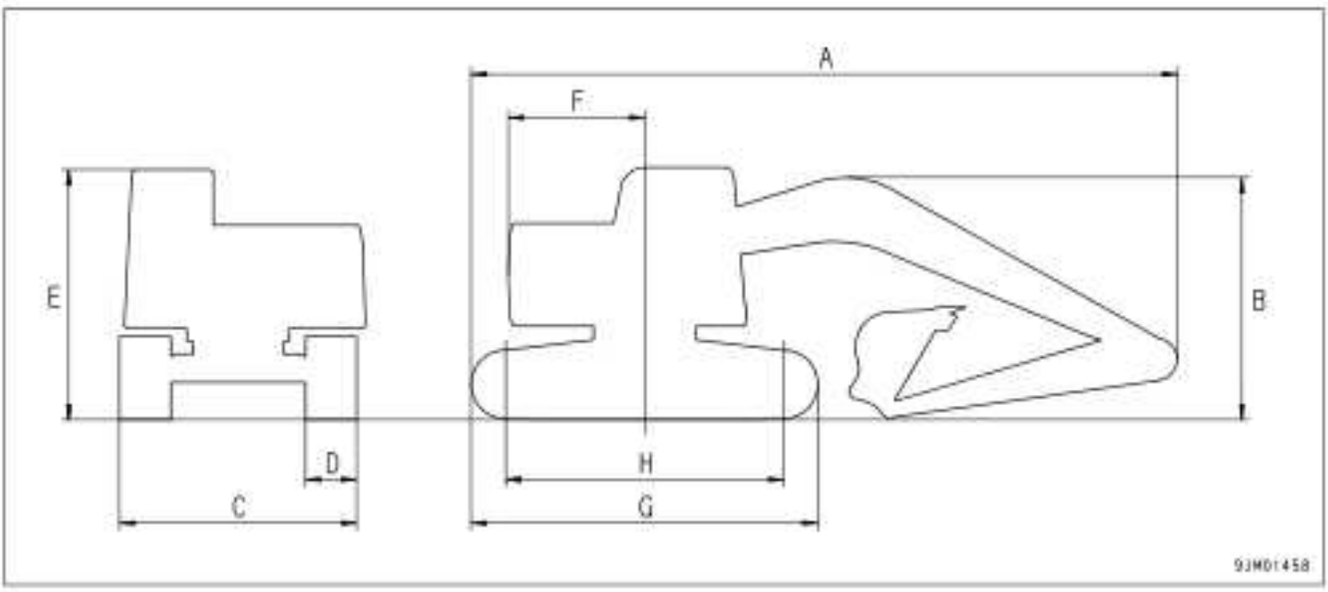
CHECK ELECTRICAL INTAKE AIR HEATER

Before the start of the cold season (once a year), contact your Komatsu distributor to have the electrical intake air heater checked for dirt or disconnections.

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SPECIFICATIONS

	Item	Unit	PC160LC-7
	Operating weight	kg (lb)	16,400 (36,162)
	Bucket capacity	m^3 (cu.yd)	0.6 (0.78)
	Name of engine	-	KOMATSU SAA4D102E diesel engine
	Engine horsepower	kW (HP)/rpm	82.40 (110)/2,200
A	Overall length	mm (ft in)	8,525 (27' 12")
B	Overall height	mm (ft in)	3,027 (9' 11")
C	Overall width	mm (ft in)	2,490 (8' 2")
D	Track width	mm (ft in)	500 (1' 8")
E	Height of cab	mm (ft in)	3,000 (9' 10")
F	Radius of upper structure	mm (ft in)	2,436 (7' 12")
G	Length of track	mm (ft in)	3,980 (13' 1")
H	Tumbler center distance	mm (ft in)	3,170 (10' 5")
	Min. ground clearance	mm (ft in)	440 (1' 5")
	Travel speed (Low/High)	km/h (MPH)	3.4/5.5 (2.1/5.5)
	Swing speed	rpm	12.0



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