KOMATSU®

MX15

Operator's Manual



CE

Issue 1.0



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Safety

⚠ WARNING

Please read and make sure that you fully understand the precautions described in this manual and the safety labels on the machine. When operating or servicing the machine, always follow these precautions strictly.

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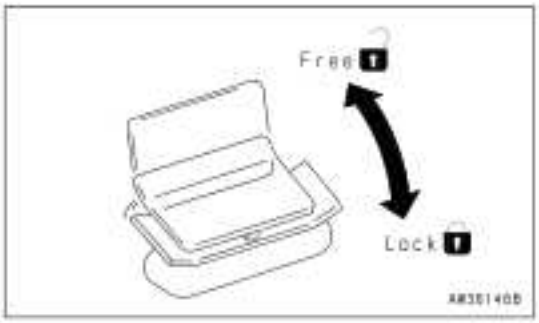
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Pedal Lock

(For boom swing control pedal)

⚠ WARNING

When boom swing operation is not required, lock the boom with the pedal lock. If the operation pedal is accidentally pressed while it is not lock, a serious accident or injury could occur.



This pedal (7) is used to lock the boom swing control pedal. The pedal is locked by fitting the plate over the pedal.

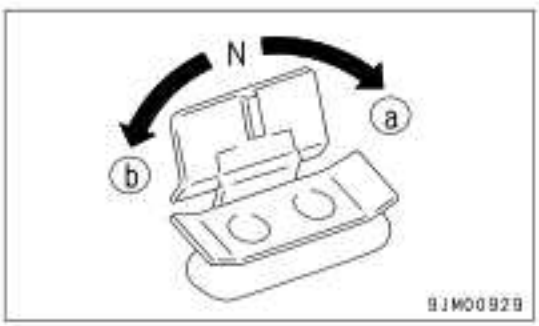
Boom Swing Control Pedal

⚠ WARNING

If the bucket is wider than the standard bucket, there is danger that the bucket will contact the operator's cab when swinging the boom to the left with the backhoe pulled in. Check the distance between the bucket and the cab during the operation and operate the backhoe slowly.

This pedal (8) is used to swing the boom.

- (a) Boom swings to the right.
- (b) Boom swings to the left.
- N (Neutral): Boom is stopped and held in this position.



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Maintenance Procedure

Initial 250 Hour Maintenance (Only After the First 250 Hours)

Carry out the following maintenance only after the first 250 hours.

- Replace fuel filter cartridge.
- Replace engine oil filter cartridge.
- Check engine valve clearance, adjust.

  Special tools are needed for inspection and maintenance, so contact your Ditch Witch dealer.

For details of the method of replacing or maintaining, see "Every 500 Hours Maintenance" on page 180 and "Every 2000 Hours Maintenance" on page 186.

When Required

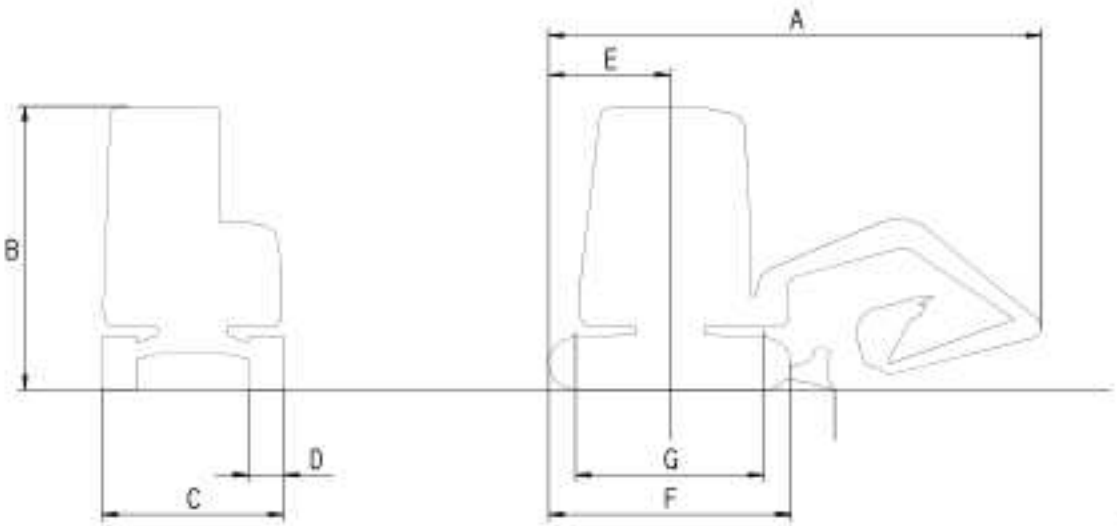
Check, Clean, and Replace Air Cleaner Element

⚠ WARNING

- If inspection, cleaning, or maintenance is carried out with the engine running, dirt will get into the engine and the engine will suffer damage. Always stop the engine before carrying out these operations.
- When using compressed air, there is danger that dirt may be blown around and cause serious injury. Always use safety glasses, dust mask, and other protective equipment.

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Specifications



General		Metric	U.S.
	Operating weight	1,590 kg	3,506 lb
	Bucket capacity	0.044 m^3	0.05 yd^3
	Name of engine	Komatsu 3D68EK-3K diesel engine	
	Engine power	11.2 kW @ 2600 rpm	15 hp @ 2600 rpm
A	Overall length	3.6 m	11 ft 9 in
B	Overall height	2.4 m	7 ft 12 in
C	Overall width	1 - 1.3 m	3 ft 3 in - 4 ft 1 in
D	Track width	230 mm	9 in
E	Tail swing radius	790 mm	2 ft 7 in
F	Length of track	1.6 m	5 ft 1 in
G	Tumbler center distance	1.2 m	3 ft 12 in
	Min. ground clearance	205 mm	8 in
	Travel speed		
	Low	2.3 km/h	1.4 mph
	High	4.3 km/h	2.7 mph
	Swing speed	8.3 rpm	8.3 rpm

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