KOMATSU®

MX45

Operator's Manual



CE

Issue 1.0



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Safety

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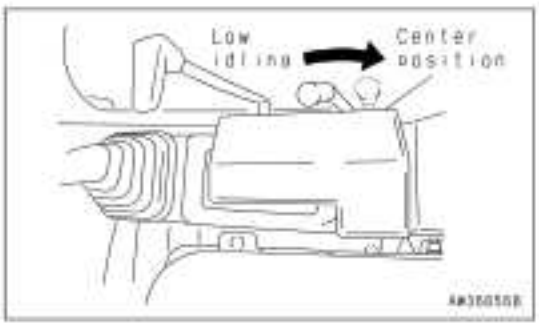
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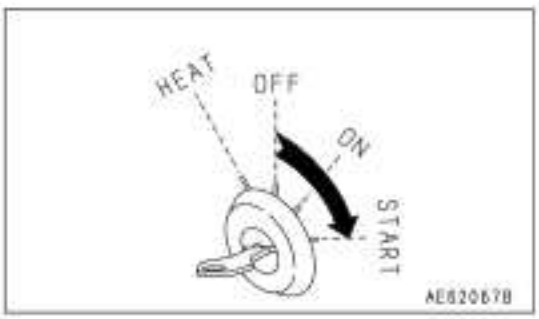
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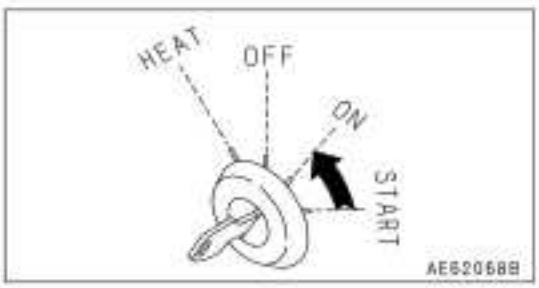
1. Before starting the engine, check that fuel control lever (1) is at the low idle position.
2. Pull fuel control lever (1) to the center position between LOW IDLE and HIGH IDLE.



3. Turn the key in starting switch (2) to the START position. The engine will start.



4. When the engine starts, release the key in starting switch (2). The key will return automatically to the ON position.



Starting Engine in Cold Weather

⚠ WARNING

- Check that there are no persons or obstacles in the surrounding area, then sound the horn and start the engine.
- Never use starting aid fluids as they may cause explosions.
- Exhaust gas is toxic. When starting the engine in confined spaces, be particularly careful to ensure good ventilation.

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Maintenance

Maintenance Information

Do not carry out any inspection and maintenance operation that is not found in this manual.

Service Meter Reading

Check the service meter reading every day to see if the time has come for any necessary maintenance to be carried out.



Genuine Ditch Witch Replacement Parts

Use genuine Ditch Witch replacement parts specified in the parts manual.

Genuine Lubricants

Use specified oils and grease. Choose oils and grease with proper viscosities specified for ambient temperature.

Windshield Washer Fluid

Use automobile window washer fluid and keep foreign materials out of it.

Fresh and Clean Lubricants

Use clean oil and grease. Also, keep the containers of the oil and grease clean. Keep foreign materials away from oil and grease.

Check Drained Oil and Used Filter

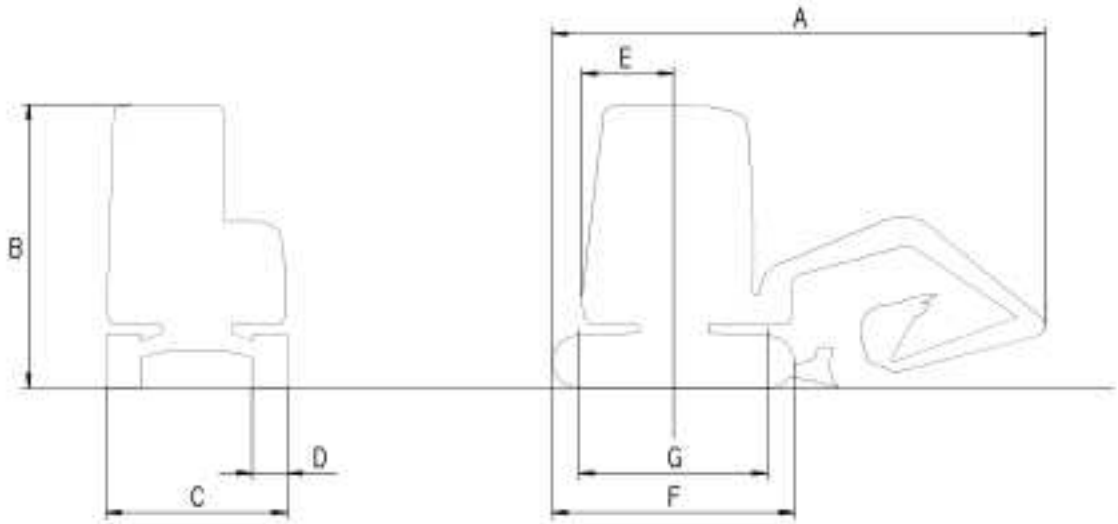
After oil is changed or filters are replaced, check the old oil and filters for metal particles and foreign materials. If large quantity of metal particles or foreign materials are found, always report to the person in charge and carry out suitable action.

Fuel Strainer

Do not remove the strainer from the filler port when adding fuel.

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Specifications



General			Rubber tracks	Turf-friendly tracks
	Operating Weight	canopy specified	4670 kg (10,297 lb)	4820 kg (10,628 lb)
		cab specified	4760 kg (10,496 lb)	4910 kg (10,827 lb)
	Bucket capacity		0.16 m^3 (0.21 cu yd)	
	Name of engine		Komatsu 4D88E-3HB diesel engine	
	Engine power		28.32 kW (38 hp) @ 2500 rpm	
A	Overall length		5.3 m (17 ft 5 in)	5.3 m (17 ft 5 in)
B	Overall height	canopy specified	2.6 m (8 ft 5 in)	2.7 m (8 ft 6 in)
		cab specified	2.6 m (8 ft 6 in)	2.7 m (8 ft 7 in)
C	Overall width		2 m (6 ft 5 in)	2 m (6 ft 5 in)
D	Track width		400 mm (1 ft 4 in)	400 mm (1 ft 4 in)
E	Radius of upper structure		1.1 m (3 ft 6 in)	1.1 m (3 ft 6 in)
F	Length of track		2.5 m (8 ft 1 in)	2.5 m (8 ft 2 in)
G	Tumbler center distance		1.9 m (6 ft 4 in)	1.9 m (6 ft 3 in)
	Min. ground clearance		320 mm (1 ft 1 in)	315 mm (1 ft 0 in)
	Travel speed (low/high)		2.8 km/h (1.7 mph)/4.6 km/h (2.9 mph)	
	Continuous swing speed		9.0 rpm	

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