CEAM007502

Operation & Maintenance Manual

KOMATSU®

WA180-3MC

WHEEL LOADER

SERIAL NUMBERS WA180-3MC A81001 and up

ENGINE 6D102E-1

April 2016

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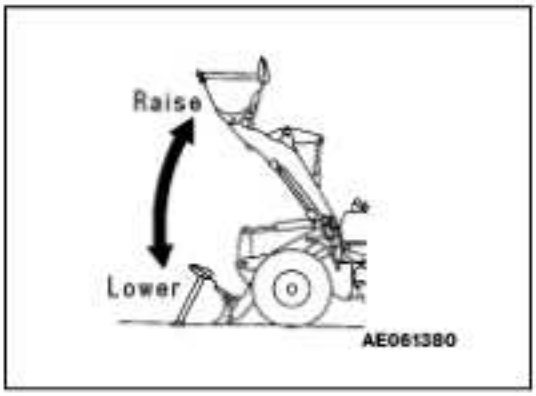
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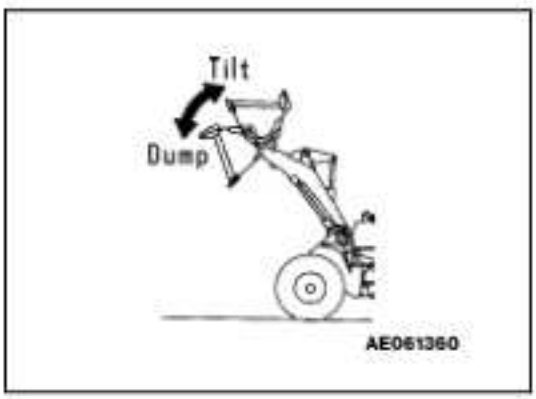
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When the work equipment control lever is pulled further from the RAISE position, the lever is stopped in this position until the lift arm reaches the preset position of the kick-out, and the lever is return to the HOLD position



When the work equipment control lever is pulled further from the TILT position, the lever is stopped in this position until the bucket reaches the preset position of the positioner, and the lever is return to the HOLD position



Remark

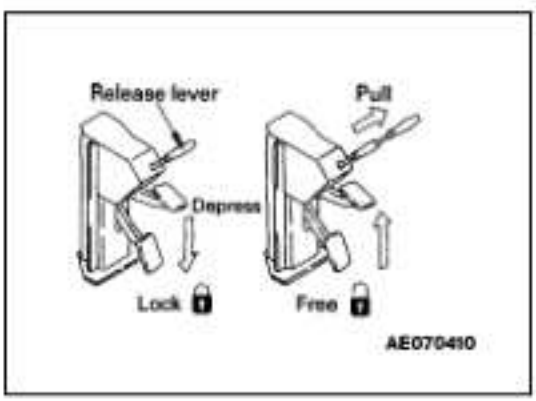
Do not use the FLOAT position when lowering the bucket.

6. PARKING BRAKE PEDAL AND RELEASE LEVER

⚠ WARNING

Always apply the parking brake when leaving the machine or parking it.

Even if the parking brake lever is depressed to the lock position, for safety precaution keep the brake pedal depressed until the parking brake pilot lamp lights up.



Depress the pedal to apply the parking brake; the parking brake pilot lamp lights up.

Pull the release lever to release the parking brake; the parking brake pilot lamp goes out.

Be sure the parking brake is depressed to the lock position and the parking brake pilot lamp is on before starting the engine.

The machine will not start when the directional lever is operated with parking brake applied.

Remark

Never use the parking brake switch to apply the brakes when traveling, except in an emergency. Apply the parking brake only after the machine has stopped.

If the parking brake has been used as an emergency brake when traveling at high speed (near the maximum speed), contact your distributor to have the parking brake checked for any abnormality.

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MAINTENANCE SCHEDULE CHART

MAINTENANCE SCHEDULE CHART

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WA180-3MC SPECIFICATIONS

PERFORMANCE	Bucket capacity (heaped; spade-nose with teeth)			1.9 m³ (2.49 yd³)
	Normal bucket load			3,040 kg (6,700 lb)
	•Travel speed	Forward	1st	7.2 km/h (4.5 mph)
			2nd	12.0 km/h (7.5 mph)
			3rd	22.0 km/h (13.7 mph)
			4th	34.5 km/h (21.4 mph)
		Reverse	1st	7.1 km/h (4.8 mph)
			2nd	12.3 km/h (7.8 mph)
			3rd	20.5 km/h (14.2 mph)
			4th	32.3 km/h (21.7 mph)
	•Maximum rim pull			81,395 N (18,298 lbf)
	•Minimum turning radius	Outside of chassis		5,490 mm (18 ft)
		Center of outside tire		4,650 mm (15 ft 3 in.)
WEIGHT	Operating weight Includes 1 operator (80 kg/176 lb) with bolt-on cutting edge			8,840 kg (19,489 lb)
ENGINE	Model			Komatsu S6D102E-1 diesel engine
	Gross power			128 hp
	Net horsepower @ 2,400 rpm			82 kW (120 hp)
	Maximum torque (gross) @ 1,600 rpm			487 N•m (359 lbf ft)
	Starting motor			24V, 4.5 kW
	Alternator			24V, 50A
	Battery			12V, 110 Amp-Hours

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