Operation & Maintenance Manual

VEAM610200

WA150PZ-6
WA200PZ-6
WA250PZ-6
WA320PZ-6

WHEEL LOADER

ORIGINAL INSTRUCTIONS

SERIAL NUMBERS

WA150PZ-6	80042 AND UP
WA200PZ-6	70136 AND UP H00051 AND UP
WA250PZ-6	75160 AND UP H00051 AND UP
WA320PZ-6	70092 AND UP H00051 AND UP

WARNING

Unsafe use of this machine may cause serious injury or death. Operators and maintenance personnel must read this manual before operating or maintaining this machine. This manual should be kept near the machine for reference and periodically reviewed by all personnel who will come into contact with it.

NOTICE

Komatsu has Operation & Maintenance Manuals written in some other languages. If a foreign language manual is necessary, contact your local distributor for availability.

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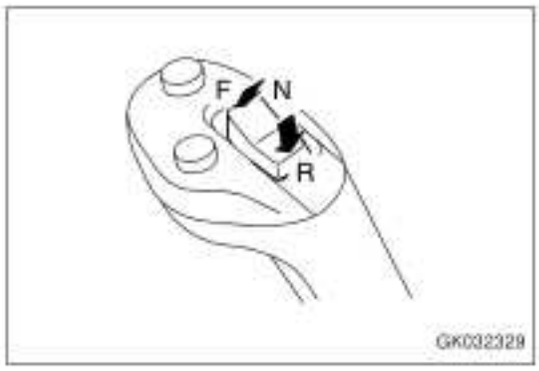
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4. Place the directional selector switch (2) at the F (FORWARD) or R (REVERSE) position.



REMARK

When the directional selector switch actuation switch (3) is at the ON position, if the directional lever (1) is operated to FORWARD or REVERSE, the machine will travel in forward or reverse according to the operation of the directional lever, regardless of the position of the directional selector switch (2).
Priority is given to the operation of the directional lever.
When using directional selector switch (2) again, set directional lever (1) and directional selector switch (2) to the N position.

If the directional selector pilot lamp on the machine monitor flashes, the switch or the lever is in one of the following conditions.



Set it to the correct position.

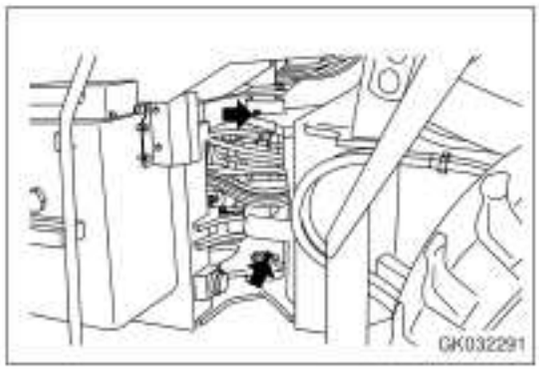
- When directional lever is not at N position
  - If the directional lever is not at the N position, the pilot lamp flashes, and at the same time, the central warning lamp lights up and the alarm buzzer sounds.
  - In this condition, the machine will move forward or in reverse according to the set position of the directional lever.
  - Return the directional lever to the N position.
- When directional selector switch is at F or R when engine is started
  - If the directional selector switch is at F or R, the pilot lamp flashes, and at the same time, the central warning lamp lights up and the alarm buzzer sounds.
  - In this condition, the engine will not start, so set the directional selector switch to N.

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Lubricating

1. Using a grease pump, pump in grease through the grease fittings marked by the arrows.
2. After greasing, wipe off any old grease that was pushed out.

(1) Centre hinge pin (2 places)



Check of engine air intake piping clamps for looseness

Please ask your KOMATSU distributor to check the tightening of the clamps between the air cleaner – turbocharger – aftercooler – engine.

Check alternator driving belt tension and replacement

CAUTION

Guards are installed in the area of the engine to protect personnel from moving parts. These guards should only be removed by a KOMATSU service engineer unless specific instructions are given in this manual.

Since inspection and replacement of the fan belt require special tools, contact your KOMATSU distributor.

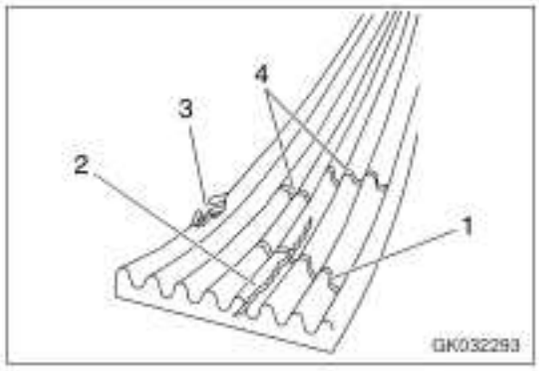
REMARK

The machine is equipped with an auto tensioner, so there is no need to adjust the tension.

If the alternator drive belt is in the following condition, the belt must be replaced. Please ask your KOMATSU distributor to replace the belt.

- When horizontal scratch (1) crosses vertical scratch (2)
- When there are tears (3) in part of the belt

In case (4) where there are horizontal scratches only, there is no need to replace the belt.



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WA250PZ-6

(Pin on version)

	Item			Unit	WA250PZ-6
	Operating weight (including 1 operator: 80 kg (176 lb).)			kg (lb)	see page 1-23
	Normal load			kg (lb)	3,680 (8,114)
	Bucket capacity (with BOC)	Heaped		m^3 (cu.yd)	see page 1-23
	Engine model			–	KOMATSU SAA6D107E-1 diesel engine
	Flywheel horsepower			kW/rpm	104/2,000 (ISO 14396)
	Torsional moment/revolution speed			Nm (lb-ft)/rpm	627/1,400
	Cylinder capacity			l (US gal)	6.69 (1.77)
	Electrical installations			V	24
	Battery			Ah	110
A	Overall length (Bucket on ground with BOC)			mm (ft in)	see page 1-23
B	Overall height			mm (ft in)	see page 1-23
C	Max. dimension when shaking bucket			mm (ft in)	5,065 (16' 7")
D	Overall width (over tyres)			mm (ft in)	2,470 (8' 1")
E	Min. ground clearance			mm (ft in)	see page 1-23
F	Bucket width			mm (ft in)	see page 1-23
G	Clearance	Cutting edge		mm (ft in)	2,850 (9' 4")
H	Reach	Cutting edge		mm (ft in)	985 (3' 3")
I	Dump angle			degrees	45
	Min. turning radius	Out of chassis		mm (ft in)	5,800 (19')
		Center of outside tyre		mm (ft in)	4,950 (16' 3")
	Permissible towing load			kg (N)	8,400 (82,400)
	Travel speed	Forward	1st	km/h (MPH)	4.0 - 13.0 (2.5 - 8.1)
			2nd	km/h (MPH)	13.0 (8.1)
			3rd	km/h (MPH)	18.0 (11.2)
			4th	km/h (MPH)	38.0 (23.6)
		Reverse	1st	km/h (MPH)	4.0 - 13.0 (2.5 - 8.1)
			2nd	km/h (MPH)	13.0 (8.1)
			3rd	km/h (MPH)	18.0 (11.2)
			4th	km/h (MPH)	38.0 (23.6)
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