VEAM120100

Operation & Maintenance Manual

WA115-3

WHEEL LOADER

SERIAL NUMBERS WA115H30051 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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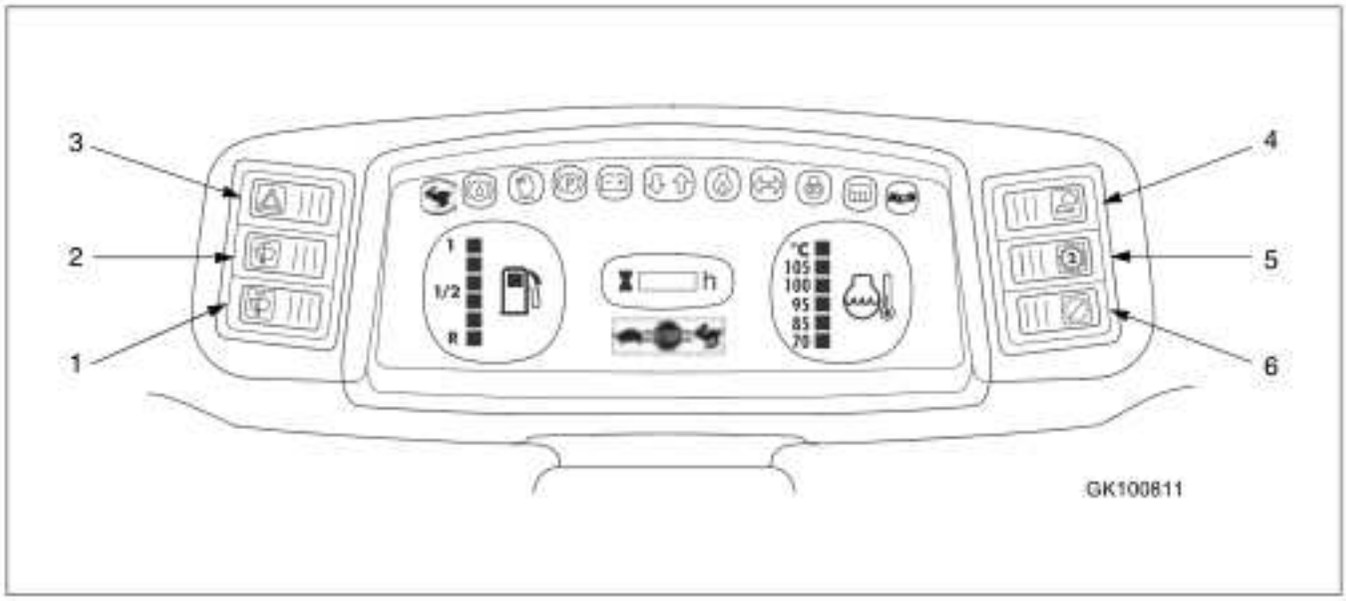
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3.2. Controls

3.2.1. Switches

Instrument Panel



1 Switch of rear windscreen wiper and washer
2 Switch of front windscreen wiper and washer
3 Hazard flasher switch (with control lamp)
4 Working lights switch (with control lamp)
5 Switch for driving range up to 20 km/h (with control lamp)
6 High-speed gear switch (with control lamp) – option

1. Switch of rear windscreen wiper and washer

This switch is used to switch on/off the rear windscreen wiper and washer.

The switch has two switching stages:

- Switching stage '1' locks in permanently and is used to switch on/off the windscreen wiper.
- If you hold the switch pressed in switching stage '2', the windscreen washer is only operated for the time you keep the switch pressed.



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5.1. Maintenance guide

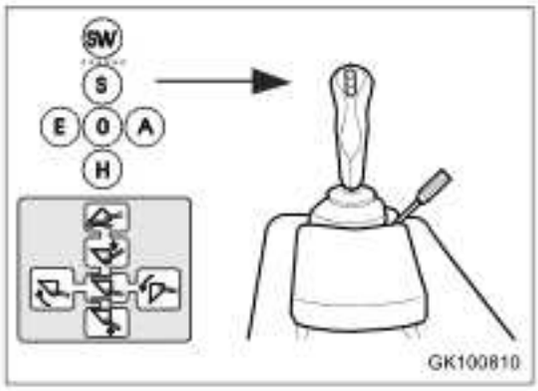
Maintenance work is to be conducted by skilled personnel only. See section "2.4. Precautions for maintenance" on page 2-24.

Perform maintenance work on hard, flat ground.

Always move the machine to the proper maintenance and repair position.

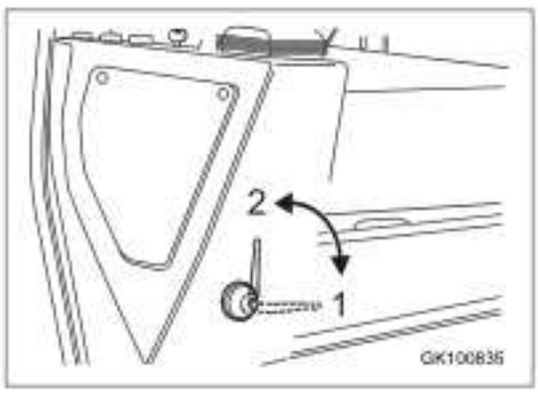
The machine must be positioned as follows for maintenance, unless other specifications are expressly provided.

- Lower the working attachment onto the ground.
- Move the multifunction lever to the HOLD '0' position.

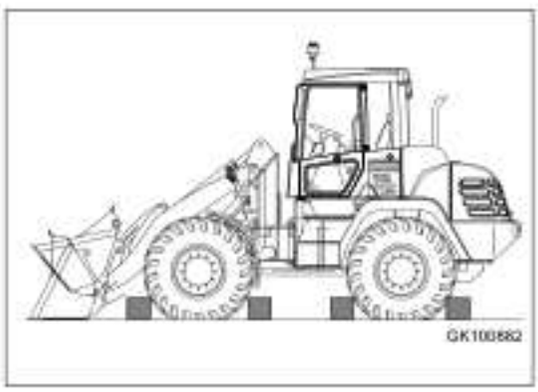


- Switch the working hydraulics safety lever to position '1'.

  Position 1 = working hydraulics locked
  Position 2 = working hydraulics released



- Apply service brake
- Lock the centre pivot steering when performing maintenance work by using the centre pivot steering locking lever.
- Place chocks before and behind the wheels.



Check service meter

Check the service meter every day to see if any maintenance is due.

Komatsu original replacement parts

Only use Komatsu original parts specified in the Parts Book as replacement parts.

Oils and grease

Use only original oils and grease by Komatsu. Choose oils and grease with the specified viscosity depending on the ambient temperature.

Use only clean oil and grease. Keep also containers for oil and grease clean. Be careful not to operate with foreign substances in the vicinity of oil and grease.

Washer fluid

Use automobile window washer fluid and make sure it is not contaminated with dust or dirt.

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6.1. Technical data

WA115-3

Performance		
Engine	Model	YANMAR / S40 106E-IHC
	Horsepower (ISO 9249)	65 kW (88 PS)
	Torque, max. (DIN 70020)	330 Nm / 1,500 rpm
	Starting motor	12 V / 39 kW
	Alternator	12 V / 80 A
	Battery	12 V / 92 Ah
Driving Speed forward and backwards Standard type	1st Driving Range	0 - 7 km/h
	2nd Driving Range	0 - 20 km/h
Driving Speed forward and backwards High speed version overdrive switched on	1st Driving Range	0 - 8 km/h
	2nd Driving Range	0 - 15 km/h
Driving Speed forward and backwards High speed version overdrive switched on	1st Driving Range	0 - 15 km/h
	2nd Driving Range	0 - 35 km/h
Tractive force, max.		6,000 kg
Min. turning radius	Outside Counterweight	4.635 mm
	Outer Edge Bucket, Standard	5.150 mm
Bucket, Standard		42R-70-12110 / 1,3 m^3

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