Operation & Maintenance Manual

VEAM948102

WA430-6E0

WHEEL LOADER

SERIAL NUMBERS H60266 AND UP

ORIGINAL INSTRUCTIONS

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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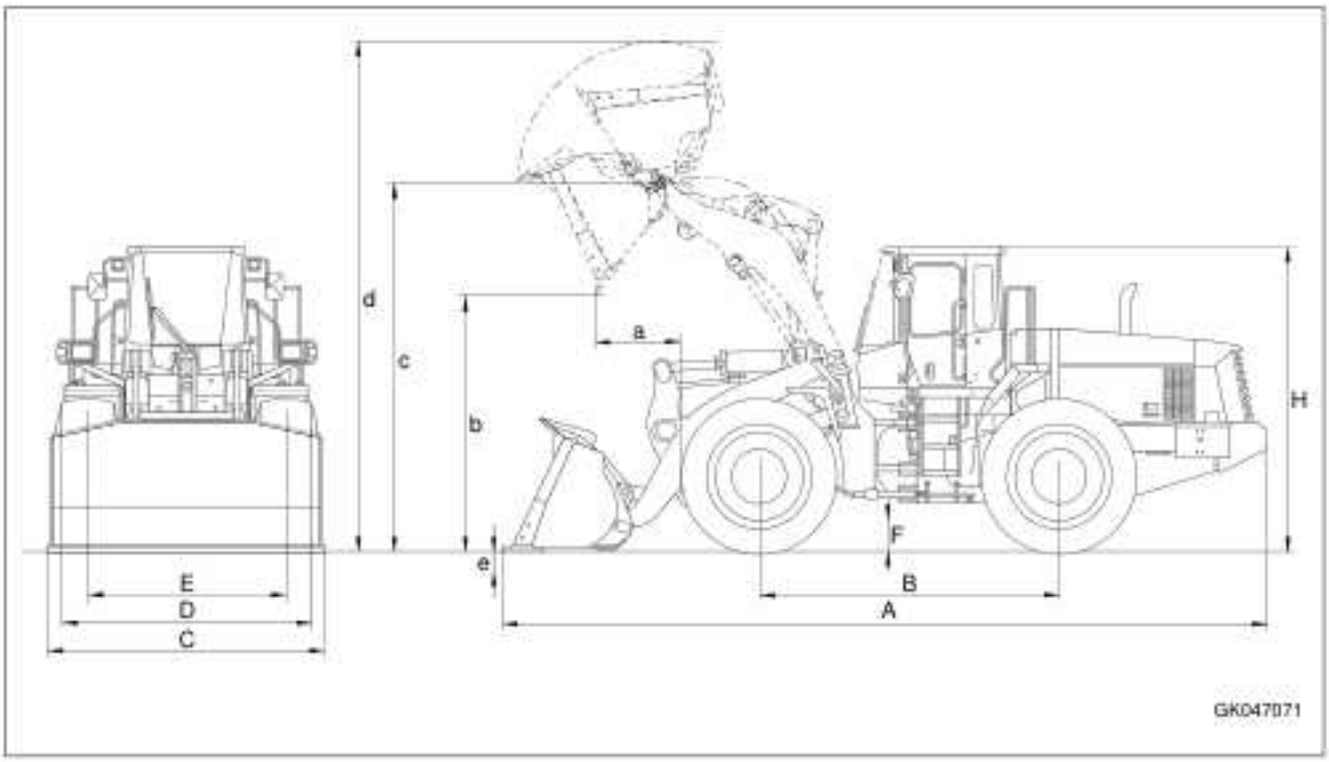
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1.6 Dimensions, weights and operating data

1.6.1 WA430-6E0: Dimensions, weights and operating data



	Measurements, operating data			
	Bucket capacity to ISO 7546	m³	3.3	without teeth and without BOC
	Material density	t/m³	1.8	
	Bucket weight without teeth	kg	1,548	
	Static tipping load, straight	kg	13,985	
	Static tipping load, 35° angle	kg	12,655	
	Breakout force, effective	kN	150.3	
	Lifting capacity, effective, on ground	kN	159.7	
	Operating weight *)	kg	18,080	
a	Reach at 45° discharge	mm	1,190	
b	Dumping height at 45° discharge	mm	2,970	
c	Lift height, hinge pin	mm	4,155	
d	Height to upper edge of bucket	mm	5,545	
e	Digging depth	mm	160	
A	Overall length, bucket on ground	mm	8,390	
B	Wheel base	mm	3,300	
C	Bucket width	mm	2,990	These values refer to machines with 23,5-25XHA
D	Width over tyres	mm	2,885	
E	Gauge	mm	2,280	
F	Ground clearance	mm	450	*) Machine without additional counterweight
H	Overall height	mm	3,380	

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4.9.10 Every 1000 hours service

Maintenance for every 50, 100, 250 and 500 hours service should be carried out at the same time.

Replace fuel main filter cartridge

⚠ WARNING

- Engine is at high temperature immediately after the machine has been operated. Wait for engine to cool down before replacing the filter.
- High pressure is generated inside the engine fuel piping system when the engine is running.
  When replacing the filter, wait for at least 30 seconds after stopping the engine to let the internal pressure go down before replacing the filter.
- Do not bring fire or sparks near the fuel.

NOTE

- *Genuine KOMATSU fuel filter cartridges use a special filter that has highly efficient filtering ability. When replacing the filter cartridge, always use a genuine KOMATSU part.*
- *The common rail fuel injection system used on this machine consists of more precise parts than the conventional injection pump and nozzle.*
  If any part other than a genuine KOMATSU filter cartridge is used, dust or dirt may get in and cause problems with the injection system. Always avoid using substitute parts.
- *When carrying out inspection or maintenance of the fuel system, pay more attention than normal to the entry of dirt. If dirt is stuck to any part, use fuel to wash it off completely.*

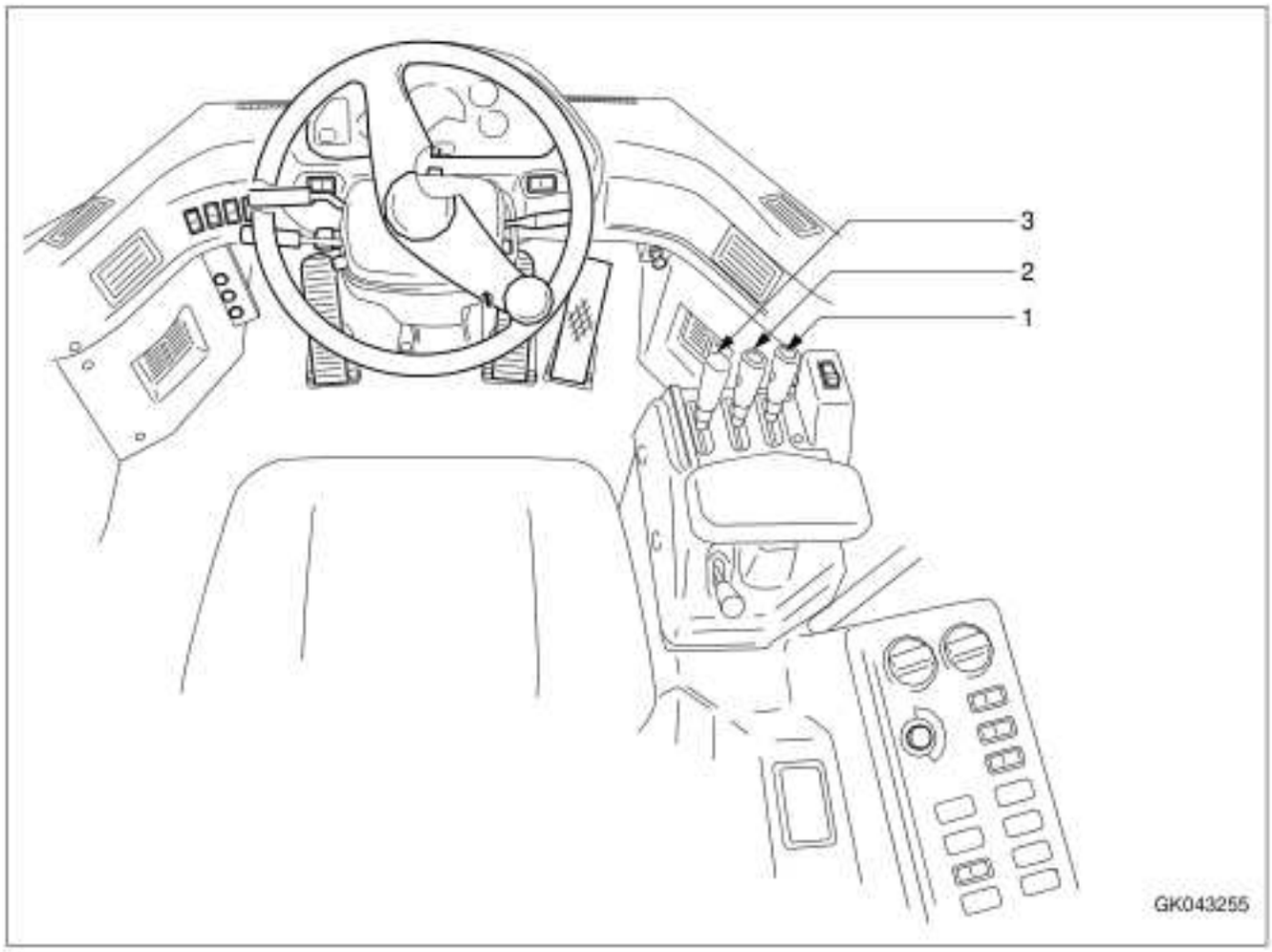
- Container to catch the fuel
- Filter wrench

1. Open the engine side cover on the right side of the chassis.
2. Set the container to catch the fuel under the filter cartridge.

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6.6 3-lever control

6.6.1 Explanation of components



(1) Lift arm control lever
(2) Bucket control lever
(3) Auxiliary control lever

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