Operation & Maintenance Manual

VEAM320100

WA70-5

WHEEL LOADER

SERIAL NUMBERS H50051 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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1.4.6. Operator's seat serial no. plate

This plate is located in front of seat, covered by the bellows.



1.4.7. Table to enter serial no. and distributor

Must be filled in before machine is put into service:

Machine serial No.:	
Engine serial No.:	
Name of Dealer:	Phone:
Address:	Fax:
Service Personnel for your machine:	E-mail

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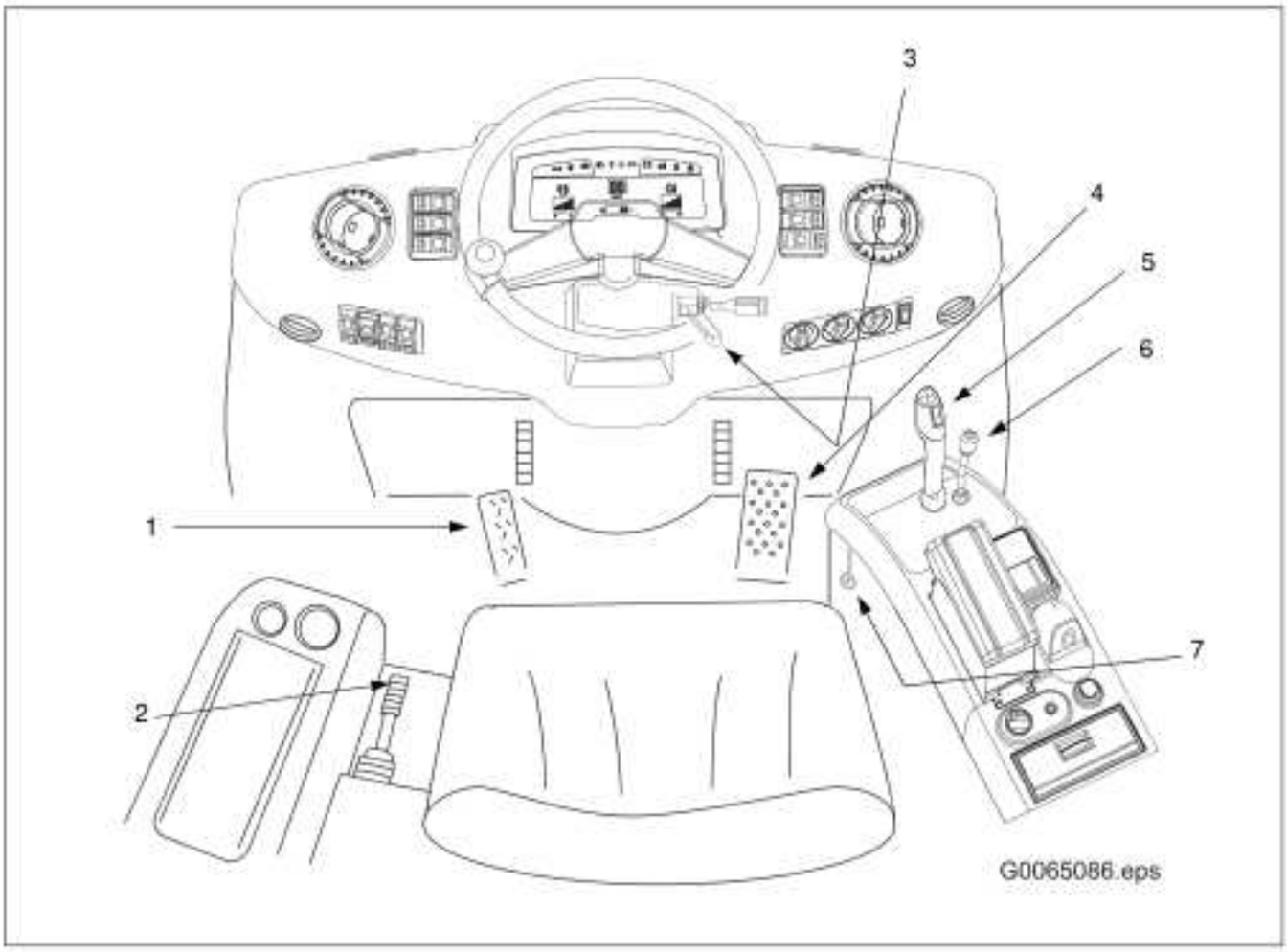
Manufacturer-supplied CE-conforming equipment,

A1	Distance: bucket pivoting point - front axle, horizontal
A2	Distance: bucket pivoting point - front axle, vertical
B1	Distance: driver's eye - front axle, horizontal
B2	Distance: driver's eye - front axle, vertical
D1	Distance front axle- lower edge of headlights, horizontal
D2	Distance front axle- lower edge of headlights, vertical
G	Weight of the equipment and carrying load without additional counterweight
H1	Distance: bucket pivoting point - bucket upper edge, vertical (carrying position)
H2	Distance: bucket pivoting point - vision line, vertical (carrying position)
J	Distance road level - lower edge of bucket in carrying position (to be considered during driving on public roads)
Sh	Distance: road level - front axle
a	Tip-in angle
b1	Bucket connection dimension boom width, interior
c	Bucket connection dimension between d1 and d2, vertical
d1	Bucket connection dimension bolts for boom
d2	Bucket connection dimension bolt for tip-in rod
e	Bucket connection dimension d1- d2 horizontally displaced
h	Distance lower edge of bucket - drill hole of boom bolt

WA70-5	mm
A1	1,625 mm
A2	1,125 mm
Sh	450 mm
B1	1,820 mm
B2	1,650 mm
C1	1,330 mm
C2	1,280 mm
D1	375 mm
D2	1,070 mm
G	1,570 mm
H1	875 mm
H2	1,215 mm
J	270 mm
X1	-
X2	-
Y1	-
Y2	-
a	51°
b1	860 mm
c	312 mm
d1	ø 40
d2	ø 40
e	15 mm
h	200 mm
Tyre	12,5 - 18 Dunlop
Bucket	42U-70-22010 0.85 m^3

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3.2.3. Control levers and pedals



1 Brake pedal
2 Parking brake
3 Steering column adjustment
4 Accelerator pedal
5 Multifunctional lever
6 Control lever for special equipment
7 Safety lever for the work hydraulic system
8 Switching lever for bucket (without fig.)

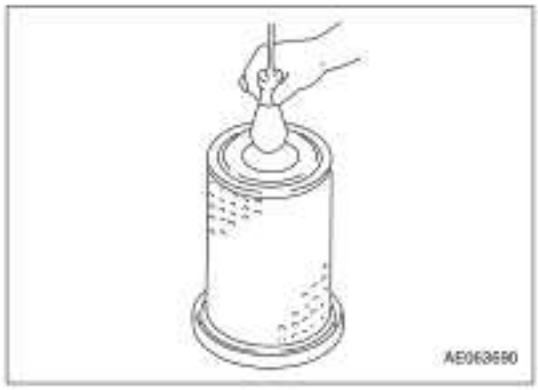
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Air filter, replacing the filter insert, replacing the safety filter

Replacing the filter insert

NOTE

If the filter element is replaced for the third time in sequence, it is required to replace also the safety filter.

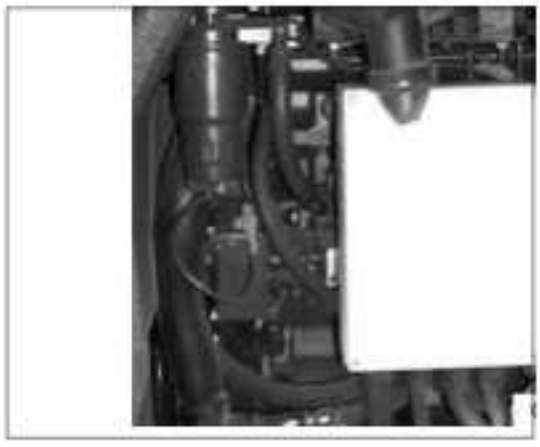


1. Open the air filter and remove the air-filter insert (1). Proceed as described in chapter "Air filter, removing and re-installing the filter insert, checking and cleaning the filter insert" on page 5-42
2. Use a source of light (e.g. torch) to check the new air filter for damages
3. Re-install the air-filter insert as described in chapter "Air filter, removing and re-installing the filter insert, checking and cleaning the filter insert" on page 5-42

Replacing the safety filter

NOTE

If the filter element is replaced for the third time in sequence, it is required to replace also the safety filter.



1. Open the air filter and remove the air-filter insert (1). Proceed as described in chapter "Air filter, removing and re-installing the filter insert, checking and cleaning the filter insert" on page 5-42
2. Pull out the safety filter (2).
3. In order to prevent that dust enters the interior of the engine, it is required to the air aspiration opening of the engine with a clean cloth or similar.
4. Clean the interior of the air-filter enclosure and **remove the cloth from the air aspiration opening.**
5. Use a source of light (e.g. torch) to check the new safety filter for damages. If it is in perfect condition, press it firmly into place.
6. Re-install the air-filter insert as described in chapter"Air filter, removing and re-installing the filter insert, checking and cleaning the filter insert" on page 5-42.



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