CEAM009402

Operation & Maintenance Manual

KOMATSU®

WB140-2N
WB150-2N

BACKHOE LOADER

SERIAL NUMBERS	WB140-2N	A20001	and UP
	WB150-2N	A60001	and UP

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REAR HORN

This switch (14) activates the rear horn. This horn is to warn people in the area before you start your work operations.

LOAD STABILIZER SWITCH (OPTIONAL)

When this switch (15) is turned on the load stabilizing system is activated. This feature is used to help stabilize the machine when the loader bucket is loaded and you are traveling on rough ground.

AIR CONDITIONING SWITCH (OPTIONAL)

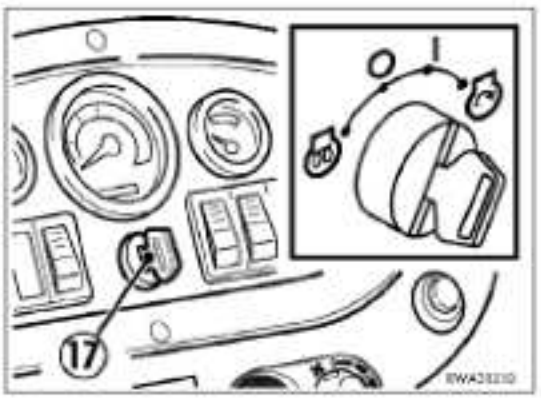
When this switch (16) is turned on the air conditioning system is in operation. When the switch is off the air conditioning system is deactivated.



IGNITION SWITCH

The ignition switch (17) is the main switch, it is a rotary switch with four positions

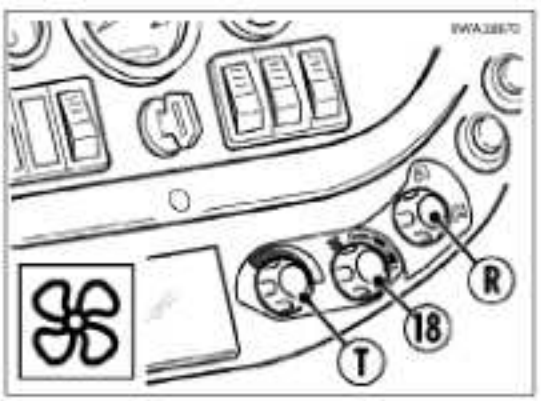
- Preheat
- OFF
- ON
- Start



BLOWER SWITCH

The blower switch (18) is used to control the operation of the blower motor for the air circulation, it has three speeds:

- Low
- Medium
- High



See "CAB ENVIRONMENT AND SAFETY EQUIPMENT" on page 2-21.

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MAINTENANCE EVERY 500 HOURS OF OPERATION

Item	Description	Operation	Page
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b	Engine oil filter	Change	3-42
c	Hydraulic oil drain filter	Change	3-43
d	Fuel filter	Change	3-44
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MAINTENANCE EVERY 1000 HOURS OF OPERATION

Item	Description	Operation	Page
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c	Hydraulic transmission	Change oil	3-49
d	Hydraulic transmission filter	Change	3-50
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MAINTENANCE EVERY 2000 HOURS OF OPERATION

Item	Description	Operation	Page
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OPTIONAL EQUIPMENT MEASUREMENTS FOR (WB140-2N)

★ Specific weight of the material handling = 1.8 tons/cu.m

FRONT END LOADER

Equipment	Max. Weight kg (lb.)	Max. Dimensions		Max. SAE Capacity Cu. m (cu. yd.)	Max. Operating Pressure bar. (psi)	Max. Flow Rate per minute
		Width mm (inch)	Height mm (inch)			
Front bucket	450 (992)	2320 (91.4)	940 (37)	1.1 (1.44)	—	—
Multipurpose bucket	750 (1654)	2340 (92.1)	1015 (40)	1.00 (1.30)	185 (2682)	75 liters (19.8 gpm)
Lifting forks on bucket	190 (419)	● ●	● ●	❑ ❑	—	—
Pallet forks	320 (706)	1800 (70.8)	800 (31.5)	❑ ❑	—	—

BACKHOE UNIT

Backhoe bucket	200 (441)	930 (36.6)	— —	0.305 (0.40)	— —	— —
Ditch-cleaning bucket	220 (485)	1600 (63)	— —	0.250 (0.33)	— —	— —
Trapezoidal bucket	190 (419)	2100 (82.6)	900 (35.4)	0.300 (0.40)	— —	— —
Hydraulic hammer	450 (992)	— —	— —	— —	160 (2320)	80 (21.2)
Drill	360 (794)	800※ (31.5)※	2000▲ (78.7)▲	— —	200 (2900)	120 (31.7)
Clamshell bucket	350 (772)	650 (25.6)	1800 (70.8)	0.200 (0.26)	200 (2900)	120 (31.7)

● - Fork length 1140 mm (44.9 inches)
❑ - Maximum capacity 2000 kg (4409 lb.)
※ - Measurement referenced to the tool diameter
▲ - Measurement referenced to the tool length

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