CEAM010800

Operation & Maintenance Manual

KOMATSU®

WB140PS-2N
WB150PS-2N

BACKHOE LOADER

WB140PS-2N A40001 and UP

March 2003

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IGNITION SWITCH

The four positions of the ignition switch (17):

- Preheat
- OFF
- ON
- Start

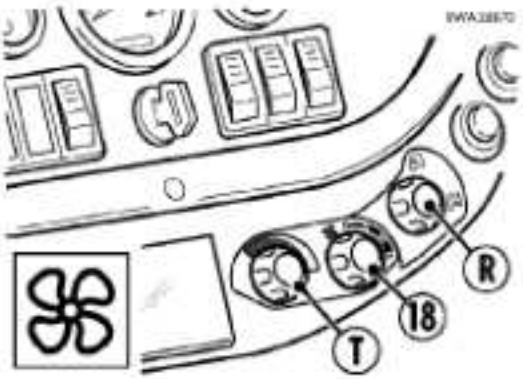


BLOWER SWITCH

The blower switch (18) controls the blower motor operation, which has three speeds:

- Low
- Medium
- High

The temperature switch (T) adjusts the temperature of the airflow delivered inside the cab. Turning the knob clockwise increases the air temperature while turning the knob counterclockwise decreases the air temperature. The recirculation switch (R) blocks outside air from entering the cab, causing the air within the cab to recirculate. Use the recirculation feature in extreme hot or cold weather, and when working in dusty areas. Using different combinations of fan speed, temperature setting, and recirculation obtains the desired temperature within the cab.



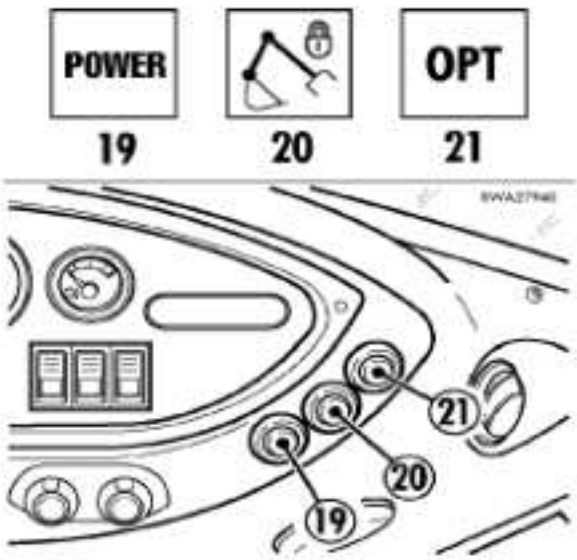
BACKHOE POWER CONTROL SWITCH

This button (19) operates the selection of oil delivery from the hydraulic pump. Starting the machine automatically selects the POWER (switch illuminated), providing maximum power. Operating the machine in the forward or reverse gear automatically cancels the POWER mode. To return to the POWER mode, shift the gear lever to the neutral position.

Pressing the button, the backhoe goes into the economy mode, reducing power. This feature is used for excavating light material, operating optional attachments or using the backhoe for grading purpose.

BACKHOE BOOM LOCK SWITCH

This button (20) operates the boom lock. This function holds the backhoe in the parked position, preventing hydraulic drift of the backhoe unit. Use this feature when using the loader or traveling with the machine.



OPTIONAL SWITCH LOCATIONS

This switch location (21) is for optional equipment.

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MAINTENANCE EVERY 50 HOURS OF OPERATION

Item	Description	Operation	Page
a	Radiator	Check coolant level, (add coolant)	3-38
b	Brake system	Check oil level	3-38
c	Propeller shafts	Lubricate (6 points)	3-39
d	King pin and central coupling	Lubricate (5 points)	3-40
e	Front and rear wheels	Check tire pressure	3-40
f	Electrical system	Check	3-41

MAINTENANCE AFTER FIRST 250 HOURS OF OPERATION

Perform in conjunction with those items listed in every 250 hours of operation.

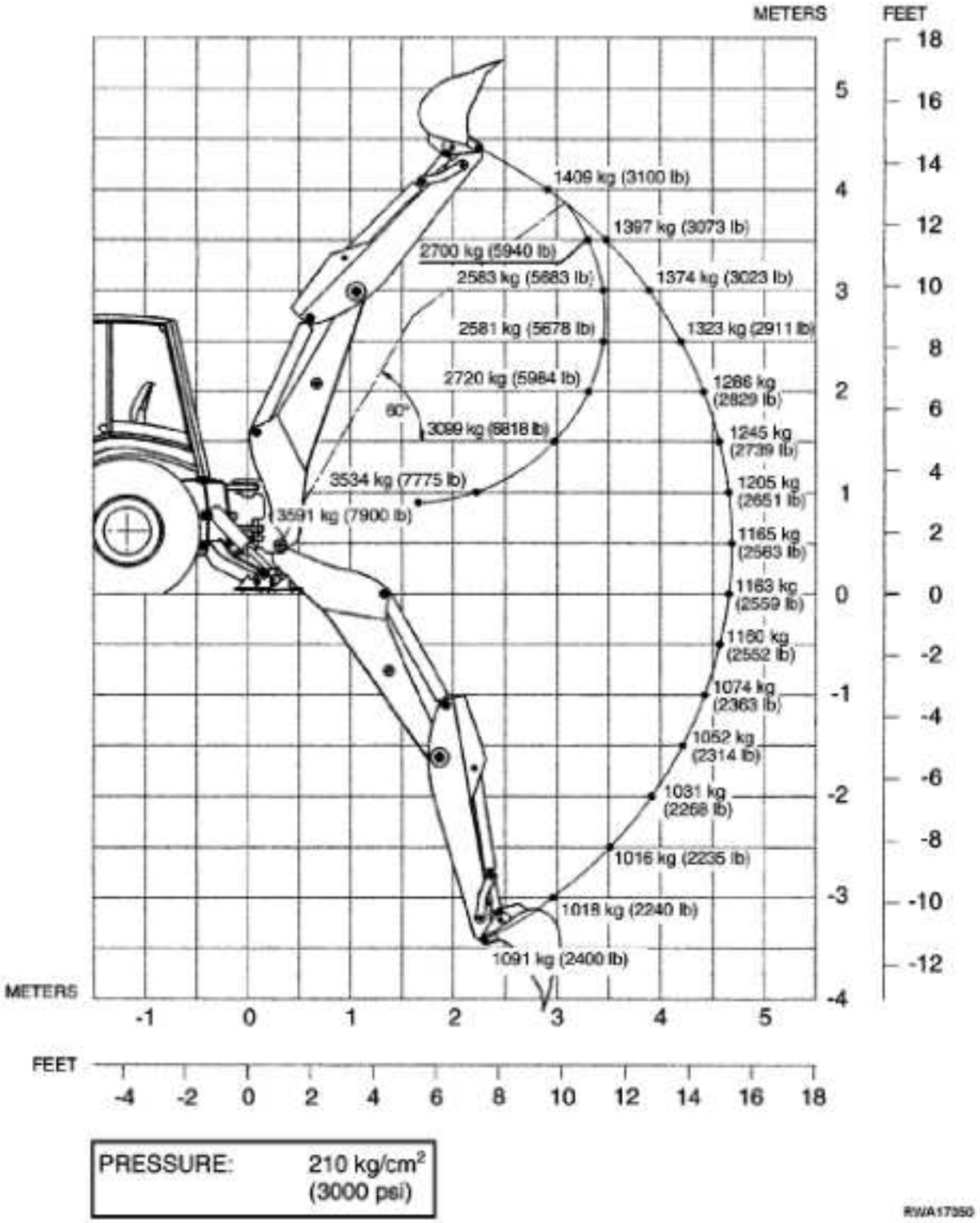
Item	Description	Operation	Page
a	Front axle	Change oil	3-41
b	Rear axle	Change oil	3-41
c	Transmission oil	Change oil	3-41
d	Transmission filter	Change	3-41
e	Engine valves	Check clearance, (adjust)	3-41
f	Hydraulic oil filter	Change	3-41

MAINTENANCE EVERY 250 HOURS OF OPERATION

Item	Description	Operation	Page
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b	Radiators	Clean outside	3-43
c	Battery	Check electrolyte level, (add fluid)	3-43
d	Front axle	Check levels, (add oil)	3-44
e	Rear axle	Check levels, (add oil)	3-44
f	Transmission oil	Check level, (add oil)	3-45
g	Front and rear wheels	Check lug nut tightening	3-45

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LIFTING CAPACITY — WB140PS-2N



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