WEAM000902

Operation & Maintenance Manual

KOMATSU®

WB140-2
WB150-2

BACKHOE LOADERS

SERIAL NUMBERS
WB140-2 - 140F10001
WB140-2 - 30026 and up
WB150-2 - 150F10001

October 2000

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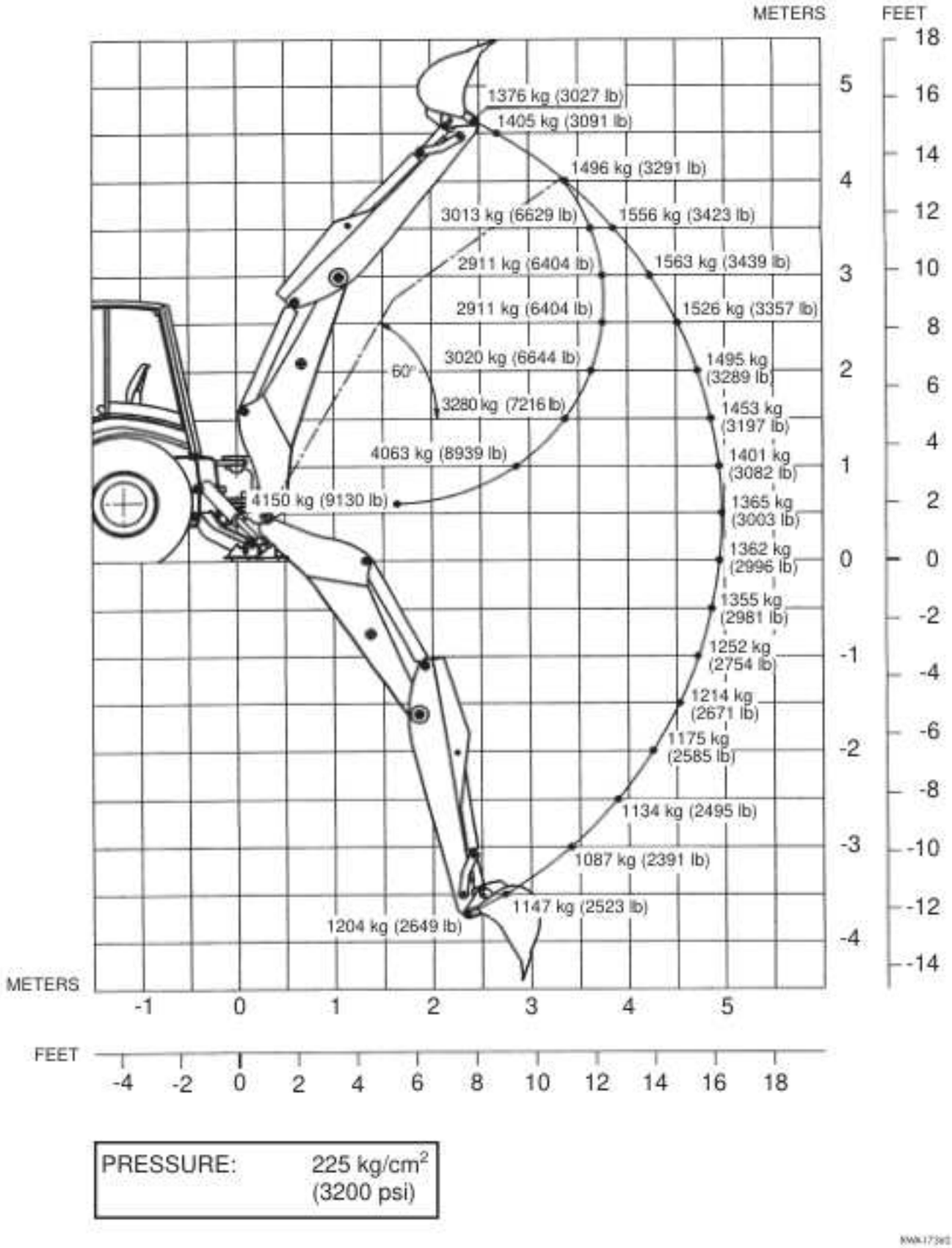
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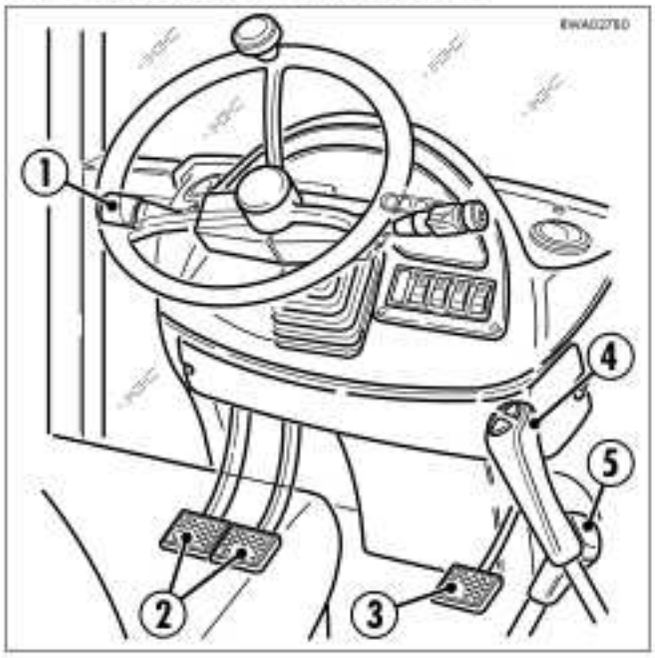
9.5.3 LIFTING CAPACITY WB150R-2

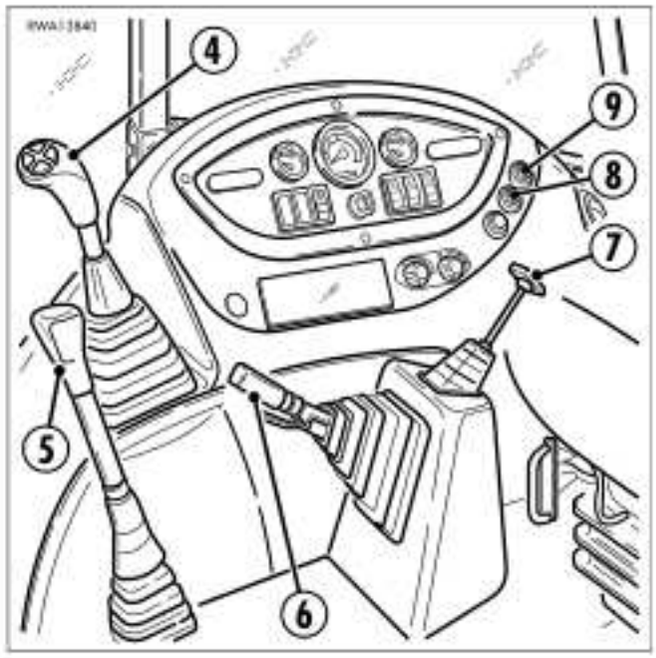


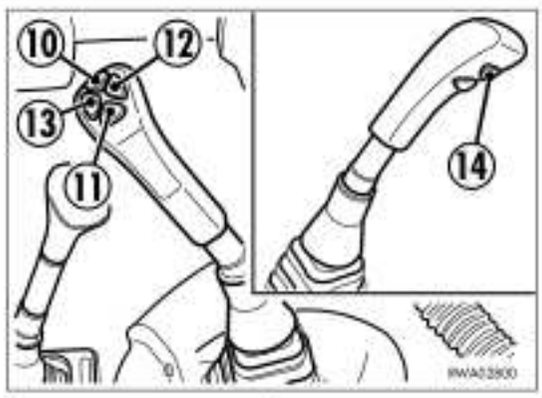
PRESSURE:	225 kg/cm^2 (3200 psi)

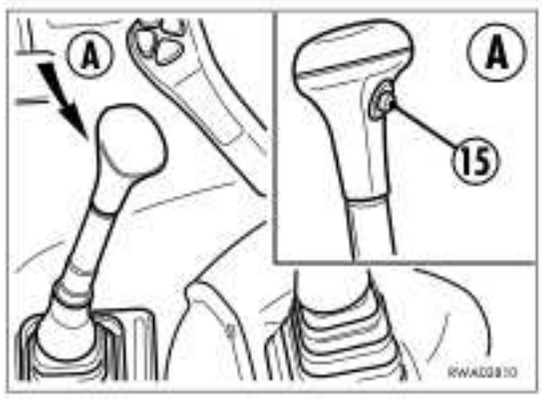
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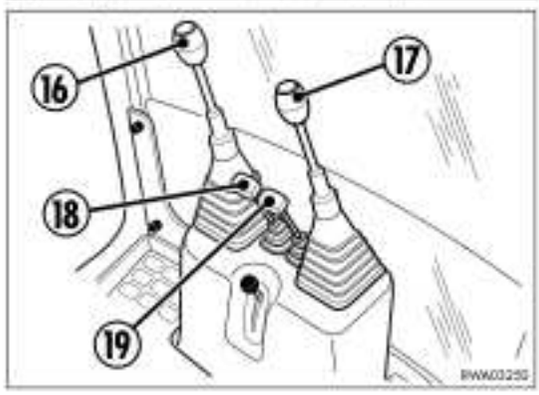
12.6 MACHINE CONTROLS











1 - Directional control lever
2 - Brake pedals
3 - Accelerator
4 - Front loader control lever
5 - Gearshift lever
6 - Parking brake
7 - Hand accelerator
8 - Backhoe boom lock control switch
9 - Available for optional equipment switch
10 - Declutch push button
11 - Differential locking push button
12 - Multipurpose bucket opening control push button
13 - Multipurpose bucket folding control push button
14 - Front loader speed control push button
15 - Declutch push button
16 - Left backhoe control lever
17 - Right backhoe control lever
18 - Left stabilizer control lever
19 - Right stabilizer control lever

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- **The oil that may be spilled during the change makes the ground slippery, therefore, use anti-slip shoes and immediately remove any trace of oil from the floor.**
- **Oils, filters, the coolant and the battery are considered special waste and must be collected and disposed of according to the anti-pollution regulations in force.**



This operation must be carried out at every oil change.
Proceed as follows:

1 - Unscrew and remove the old filter (1) by means of the special wrench provided.
2 - Clean the contact surface between the gasket and the filter support (2).
3 - Fill the new filter with engine oil, lubricate the gasket and screw thoroughly.
4 - Give another half turn by hand.

Start the engine, make sure that there are no leakages and that the oil pressure warning light goes out.

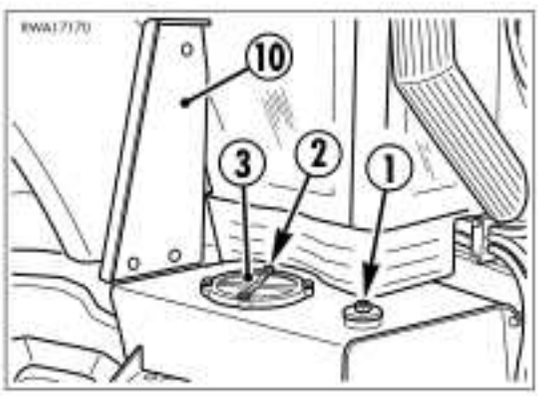
IMPORTANT

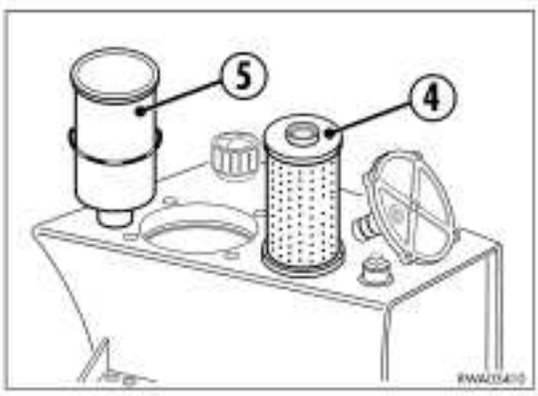
- **Do not use the wrench to lock the filter, since it may be damaged and cause oil leakages.**

28.5.c CHANGING THE HYDRAULIC SYSTEM OIL FILTER

DANGER

- **Soon after the machine has been stopped the hydraulic oil is very hot; let it cool down until it reaches a temperature of 40-45°C (104-113°F) before changing it.**
- **The hydraulic system is pressurized; loosen the filling cap slowly to release the residual pressure.**
- **Oils, filters, the coolant and the battery are considered special waste and must be collected and disposed of according to the anti-pollution regulations in force.**





The filter is positioned on the hydraulic system drain outlet and blocks the metal particles that come off the various components due to their wear.
The filter can be reached after removing the cover (10) and removing the tank upper flange; to change it, proceed as follows:

1 - Remove the set screws of the upper guard (10).
Use a 17 mm wrench.
2 - Remove the filling cap (1).
Use a 24 mm wrench.
3 - Remove the screws (2) that fix the filter cover (3), remove the cartridge (4) and the filter casing (5).
Use a 13 mm wrench.

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