

# Operation & Maintenance Manual

WEAM014400

# PC55MR-3

HYDRAULIC EXCAVATOR

SERIAL NUMBER

**PC55MR-3 F30003** 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 inside the cab for reference and periodically reviewed by all personnel who will come into contact with the machine.

ORIGINAL INSTRUCTIONS

**KOMATSU**  
*Utility*

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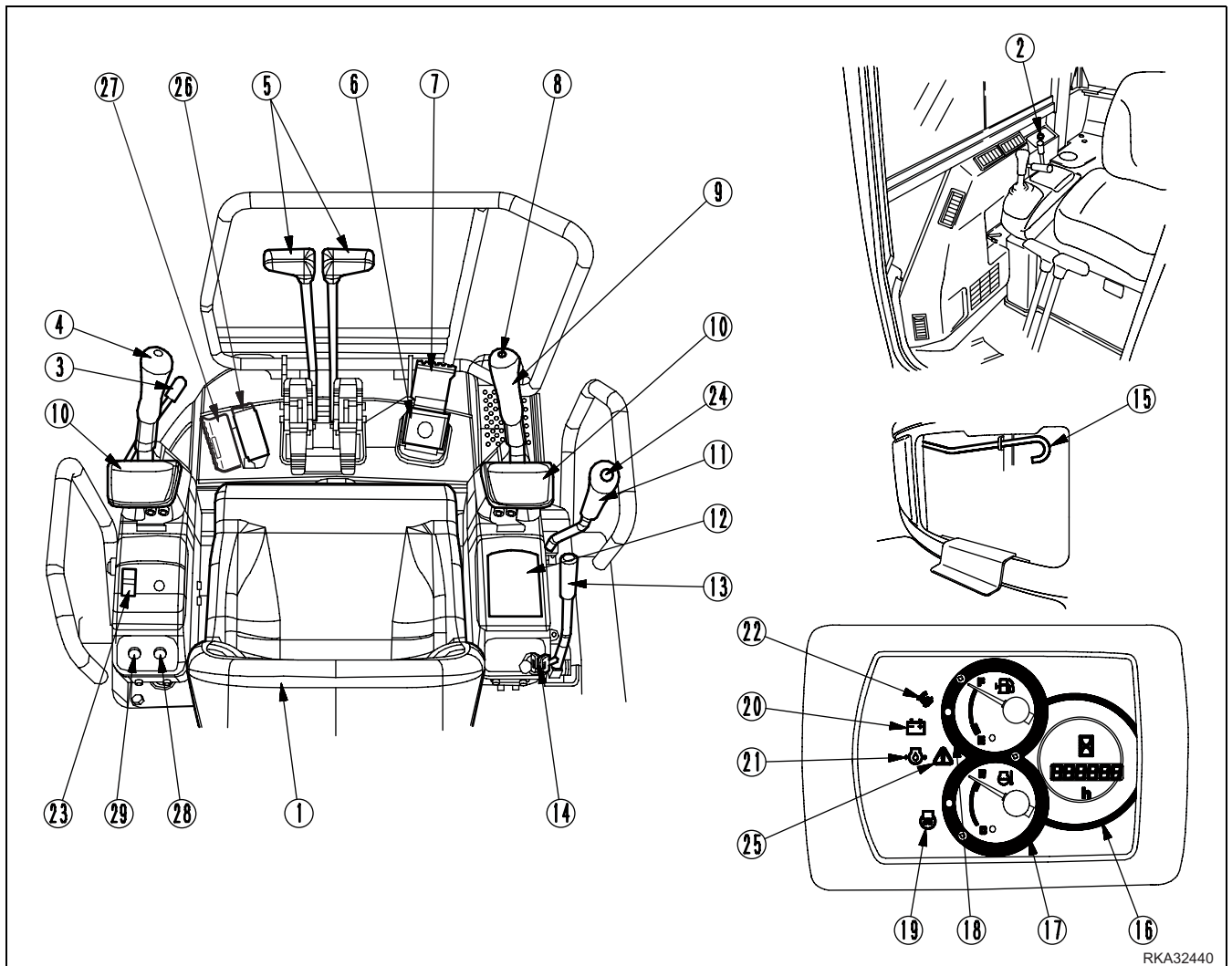
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### 3.1.2 CONTROLS AND GAUGES

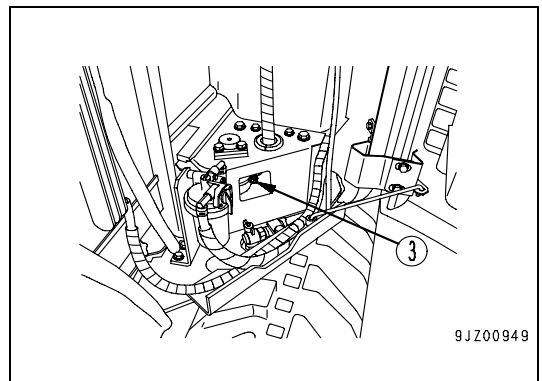
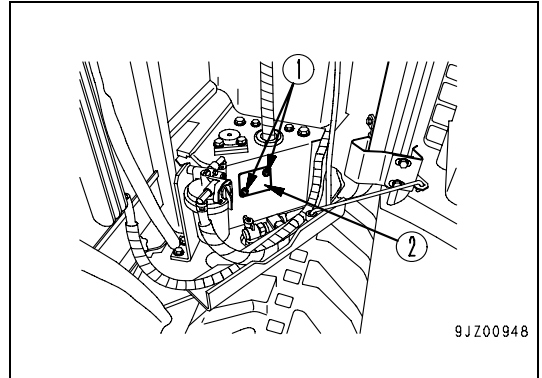


- |  |   |
|--|---|
| (1) Operator seat                          | (16) Hour meter   |
| (2) Heating switch (machines with cab)     | (17) Engine coolant temperature indicator               |
| (3) Control locking lever (safety lever)   | (18) Fuel level indicator                               |
| (4) Left work equipment control lever      | (19) Engine preheating warning light                    |
| (5) Travel levers (equipped with pedal)    | (20) Battery charge level warning light                 |
| (6) Boom swing control pedal               | (21) Engine oil pressure warning light                  |
| (7) Pedal locking device                   | (22) Travel speed increase warning light                |
| (8) Horn                                   | (23) Working lights switch                              |
| (9) Right work equipment control lever     | (24) Travel speed selection switch                      |
| (10) Arm                                   | (25) Electrical system control warning light (optional) |
| (11) Blade control lever                   | (26) Optional equipment control pedal                   |
| (12) Warning lights and indicators display | (27) Pedal locking device                               |
| (13) Accelerator lever                     | (28) Boom overload alarm switch (if installed)          |
| (14) Ignition switch                       | (29) Revolving light switch (if installed)              |
| (15) Cab floor locking lever               |   |

**LUBRICATION OF THE CYLINDER BASIC PIN BOOM SWING**

1. Open the engine hood and the radiator cover. For further details, see "3.2.7 RADIATOR COVER".
2. Loosen the screws (1) and remove the cover (2).
3. Carefully clean the grease nipple (3) located on the boom swing cylinder base and inject the grease indicated in the table of lubricants using the grease gun (see ".4.4 FUEL, COOLANT AND LUBRICANTS").
4. After greasing, remove each grease stain spilled and refit cover (2).

(1) 1st boom swing cylinder base pin (1 point)

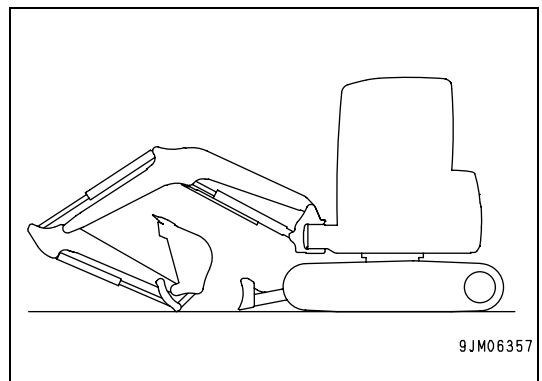


**LUBRICATING THE WORK EQUIPMENT**

**IMPORTANT**

● After carrying out digging operations with the equipment immersed in water, always lubricate the pins that have been in contact with water..

1. Position the machine as shown in the figure, lower the work equipment to the ground and stop the engine.
2. Carefully clean the grease nipples listed below, and inject the grease indicated in the lubricant chart using a grease pump (see"4.4 FUEL, COOLANT AND LUBRICANTS").
3. After greasing, remove any trace of grease.



- (1) Bucket-link connection pins (1 point)
- (2) Arm–bucket connection pin (1 point)
- (3) Arm–link connection pin (1 point)
- (4) Bucket cylinder rod end (1 point)
- (5) Link connection pin (1 point)

