CEAM023404

Operation & Maintenance Manual

WA500-6

WHEEL LOADER

SERIAL NUMBERS WA500-6 A93001 and up

ENGINE 6D140E-5

KOMATSU®

March 2016

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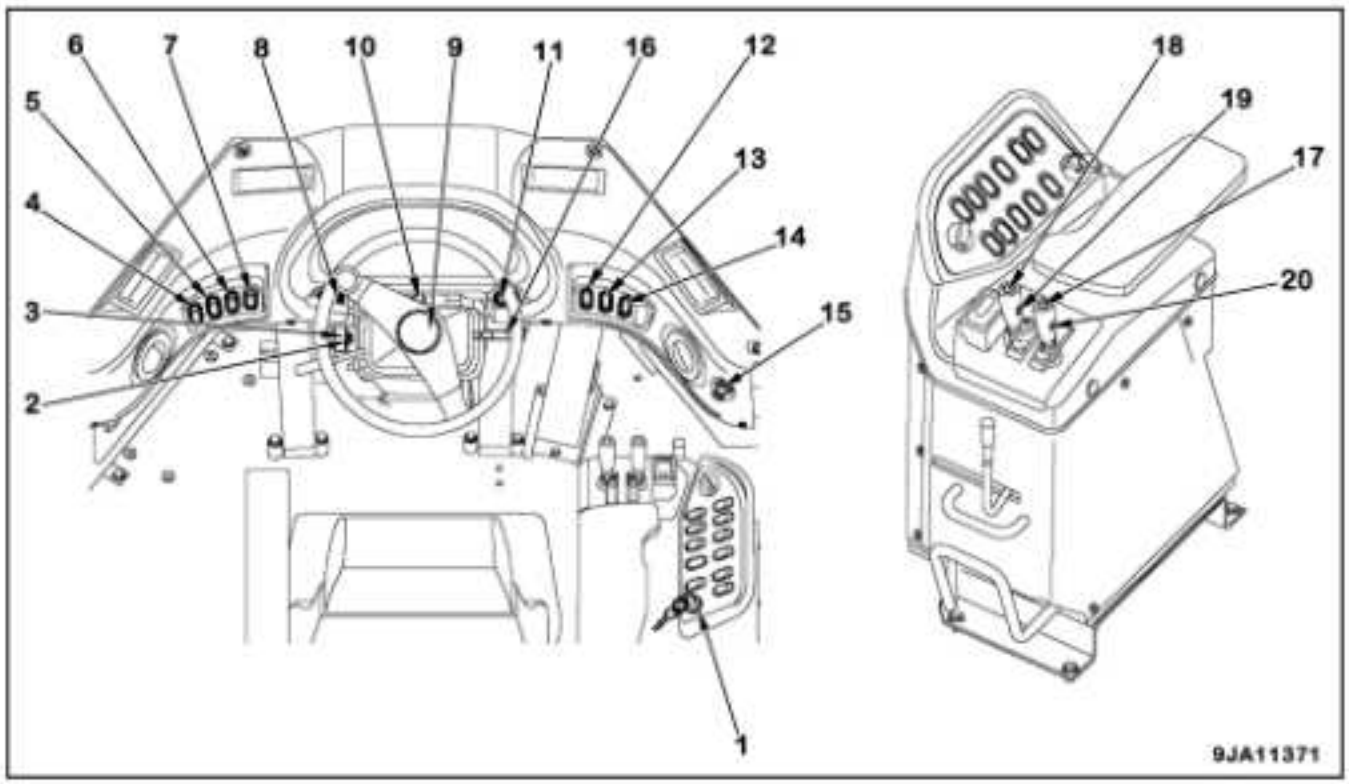
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SWITCHES AND CONTROLS

GENERAL VIEW



1. Ignition switch
2. Front working lamp switch
3. Rear wiper switch
4. Rear working lamp switch
5. Front wiper switch
6. Beacon lamp switch (if equipped)
7. Load meter display selector switch (if equipped)
8. Cigarette lighter
9. Load meter mode selector switch (if equipped)
10. Lamp switch
    Turn signal lever
    Dimmer switch
11. Machine monitor mode selector switch 1
12. Machine monitor mode selector switch 2
13. ECSS switch (if equipped)
14. Load meter cancel switch (if equipped)
15. Horn switch
16. Kickdown switch
17. Hazard lamp switch
18. Hold switch
19. Parking brake switch
20. Load meter subtotal switch (if equipped)

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LIFTING MACHINE

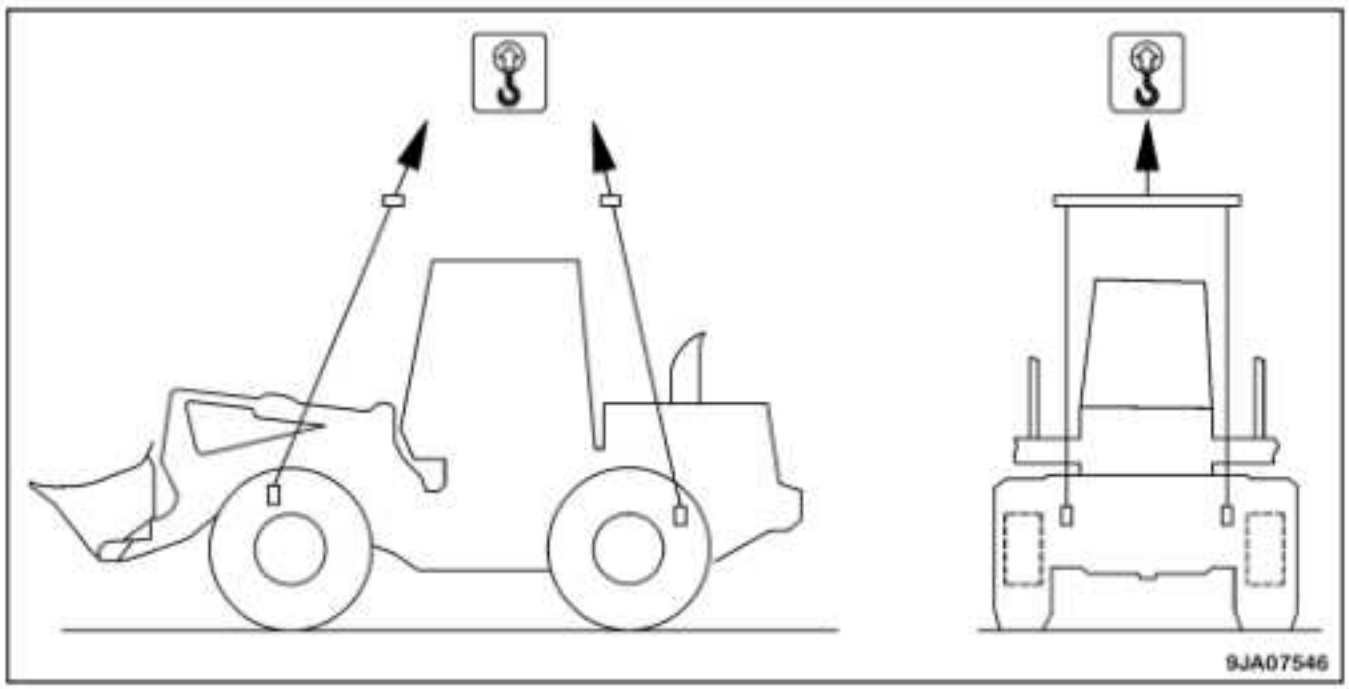
⚠ WARNING

- **The person using the crane to carry out lifting operations MUST be a qualified crane operator.**
- **Never carry out lifting operations if any person is on the machine being lifted.**
- **Always use a wire rope that has ample strength for the weight of the machine being lifted.**
- **Keep the machine horizontal when lifting it.**
- **Never enter the area under or around a raised machine. There is danger that the machine may lose its balance.**
- **Before lifting the machine, do the following steps to prevent the machine from moving unexpectedly.**
- **Set the parking brake switch to the ON position.**
- **Set the work equipment lock lever to the LOCK position.**
- **Set the frame lock bar to the LOCK position.**
- **When lifting the machine, the wire rope must be fitted correctly or the machine may fall and cause serious injury or even death.**

Remark

The lifting procedure applies to machines with standard specifications. The method of lifting may differ depending on the attachments and options installed. For details of the procedure for machines that do not conform to standard specifications, contact your Komatsu distributor. For details of the weight, see "SPECIFICATIONS" on page 4-2.

LIFTING POSITION



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SERVICE PROCEDURE

INITIAL 10 HOURS SERVICE

Carry out the following maintenance every 10 hours for the first 50 hours of operation of a new machine.

- Lubricating - For details, see Every 100 Hours Service on page 3-43 and Every 250 Hours Service on page 3-46.

INITIAL 250 HOURS SERVICE

Perform the following maintenance only after the first 250 hours.

- Replace transmission oil filter element. - For details, see on page 3-57.
- Replace hydraulic tank filter element. - For details, see Change Oil in Hydraulic Tank, Replace Hydraulic Filter Element on page 3-62.

WHEN REQUIRED

Check, Clean, Replace Air Cleaner Element

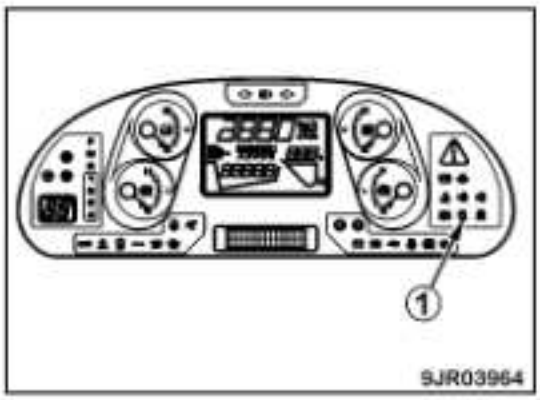
⚠ WARNING

- **If inspection, cleaning, or maintenance is carried out with the engine running, dirt will get into the engine and damage it. Always stop the engine before carrying out these operations.**
- **When using compressed air, there is danger that dirt may be blown around and cause serious injury. Always use protective glasses, dust mask, and other protective equipment.**

Checking

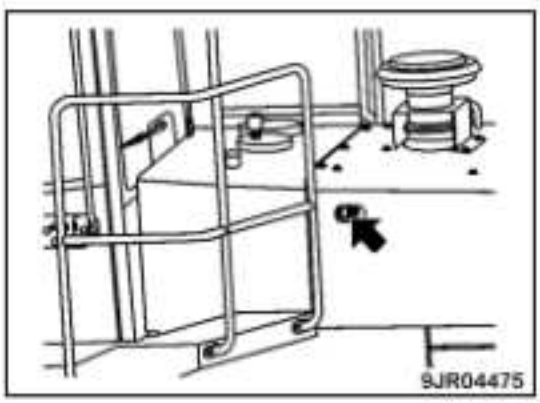
★ If air cleaner clogging caution lamp (1) on the machine monitor illuminates, clean the air cleaner element.

- ★ Do not clean the element until the air cleaner clogging caution lamp illuminates.
- If the element is cleaned frequently before the air cleaner clogging caution lamp illuminates, the air cleaner will not be able to fully display its performance and cleaning efficiency will drop.
- In addition, the frequency of dirt stuck to the element falling inside the inner element will increase.



Remark

A dust indicator is installed inside the engine hood on the left side of the machine. The dust indicator shows the condition of clogging of the air cleaner in five stages. This makes it possible to check how clean the element is and when it should be replaced.



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