CEAM008202

# Operation & Maintenance Manual

KOMATSU®

# WA600-3LK

## WHEEL LOADER

SERIAL NUMBERS WA600-3LK A53001 and up

ENGINE 6D170E-3

April 2016

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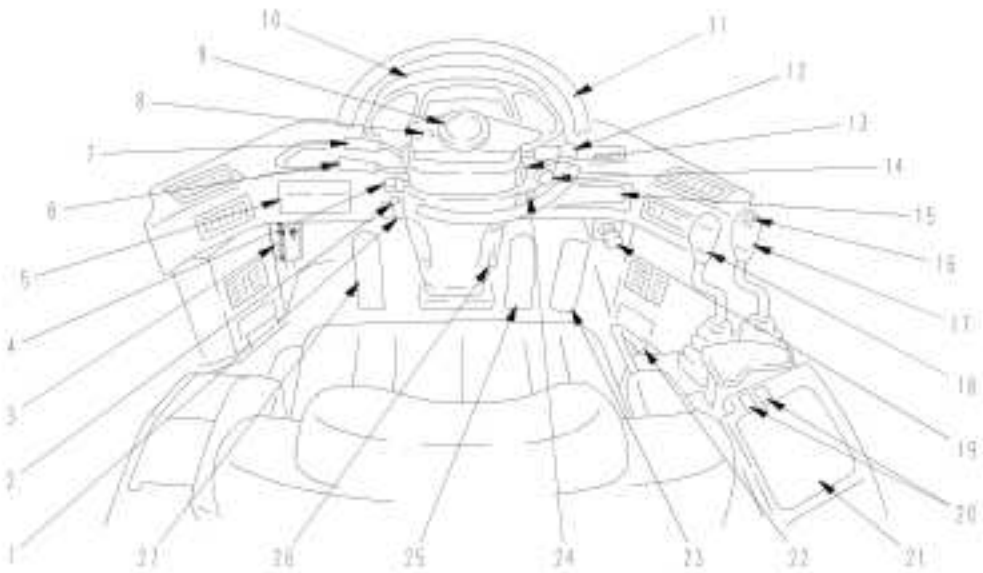
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## GENERAL VIEW OF CONTROLS AND GUAGES



1. Front wiper switch
2. Rear wiper switch
3. Engine Troubleshooting Lamp
4. Stopper for gear shifting lever
5. Air conditioner panel
6. Gear shifting lever
7. Directional lever
8. Hazard lamp
9. Horn switch
10. Main monitor
11. Steering wheel
12. Lamp switch
12. Turn signal lever
12. Dimmer switch
13. Parking brake switch
14. Starting switch
15. Cassette stereo with AM/FM radio
16. Kickdown switch
17. Lift arm control lever
18. Bucket control lever
19. Cigarette lighter
20. Power window switch
21. Maintenance monitor
22. Lock lever
23. Acceleration pedal
24. Alternate low idle select switch
25. Brake pedal
26. Steering tilt lever
27. Brake pedal



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# STANDARD TIGHTENING TORQUE FOR NUTS AND BOLTS

## INTRODUCTION OF NECESSARY TOOLS

The following tools are needed when carrying out maintenance.

| No. | Name of tool | Part No. | Remarks |
|---|---|---|---|
| 1 | Wrench set | 09000-30006 | Applicable width across flats ($S_1$ - $S_2$)<br>8 mm - 10 mm<br>12 mm - 14 mm<br>13 mm - 17 mm<br>19 mm - 22 mm<br>24 mm - 27 mm<br>30 mm - 32 mm<br> |
| 2 | Socket wrench set | 09020-10284 | |
| 3 | Screwdriver | 09033-00190 | Cross head/flat head interchangeable type |
| 4 | Wrench | 09014-10200 | |
| 5 | Pliers | 09036-00150 | |
| 6 | Wrench | 09001-03600 | 36 jaw |
| 7 | Filter wrench | 09019-08035 | For filter cartridge |
| 8 | Bar | 424-98-11130 | |
| 9 | Tire gauge | 09289-00000 | |
| 10 | Grease pump | 07952-80002 | For greasing work |
| 11 | Nozzle | 07951-11400 | Hose nozzle for grease pump |
| 12 | Grease cartridge | 07950-90403 | (Lithium base grease: 400 g) |
| 13 | Thickness gauge | 09054-00009 | |
| 14 | Hammer | 09039-00150 | |
| 15 | Socket | 09084-04157 | For bucket teeth |
| 16 | Plate | 09963-03000 | Warning tag |

If any of the above tools are broken, please order them from your distributor.



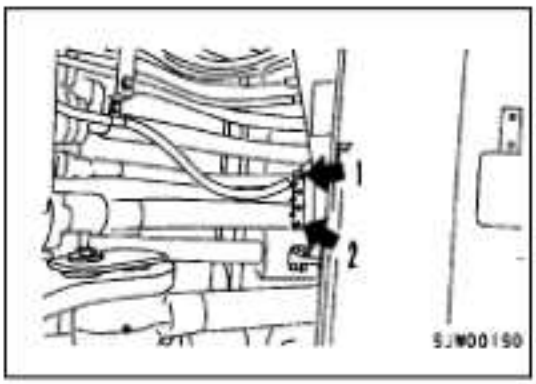
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## LUBRICATING (DRIVE TRAIN)

**WARNING**

**Set the work equipment in a stable condition, then turn OFF the machine and apply the lock for the work equipment control levers.**

**Apply the parking brake, and lock the front and rear frames with the safety bar and pin.**



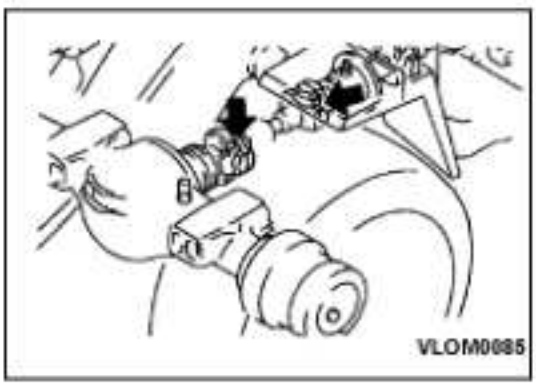

With a grease pump install grease through the grease fittings located by arrows on the illustrations.



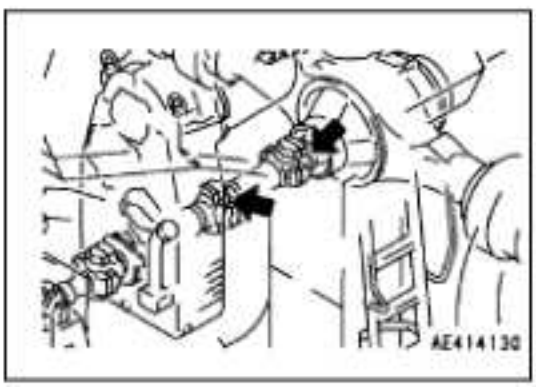

After greasing, wipe off any old grease that was pushed out.

1. Center hinge pin (2 points)
2. Drive shaft center support (1 point)

3. Front drive shaft (2 points)




4. Rear drive shaft (2 points)






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