CEAM023603

Operation & Maintenance Manual

WA480-6

WHEEL LOADER

SERIAL NUMBERS WA480-6 A48001 and up

ENGINE 6D125E-5

March 2016

KOMATSU®

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Operation of Work Equipment

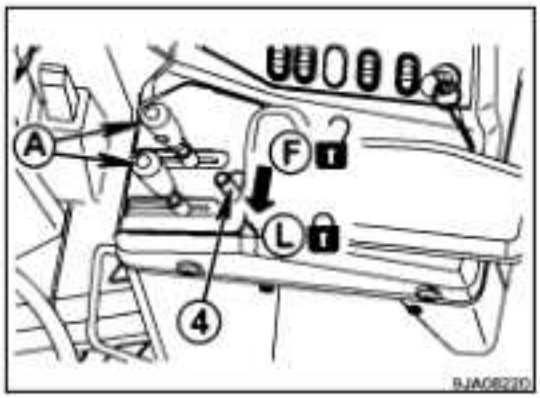
⚠ WARNING

- **When standing up from the operator's seat, always set the work equipment lock lever securely to the LOCK position. If the work equipment lock lever is not locked and work equipment control lever (A) is touched by mistake, this may lead to serious personal injury.**
- **If the work equipment lock lever is not set securely to LOCK position (L), the work equipment may move and cause serious personal injury. Check that the work equipment lock lever is at the position shown in the graphic.**
- **When pulling the work equipment lock lever up or pushing**

Work Equipment Lock Lever

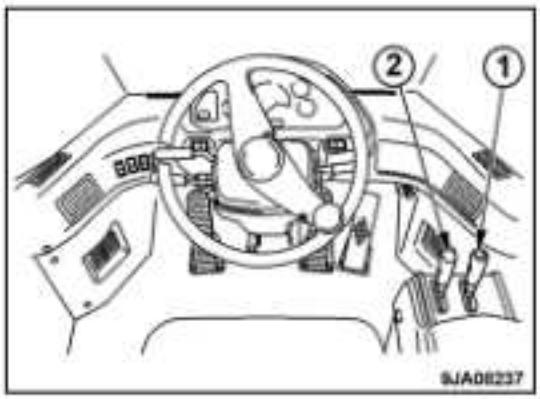
Work equipment lock lever (4) is a lock device for work equipment control levers (A).

- Pull the work equipment lock lever towards the center of the machine to set it to the LOCK position (L).

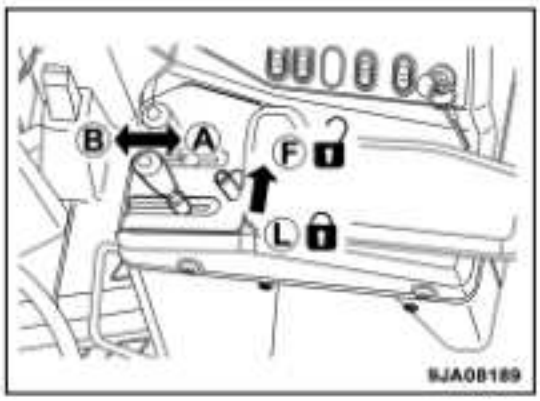


Lift Arm Control Lever

Lift arm control lever (1) is used to operate the lift arm.



Set the work equipment lock lever to the FREE position (F) before operating the control lever.



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Select Tires

⚠ WARNING

- **If a tire or a rim is handled improperly, the tire may burst or may be damaged and the rim may be broken and scattered. This can cause serious injury or death.**
- **Because maintenance, disassembly, repair, and assembly of the tires and rims require special equipment and skill, make sure to ask a tire repair shop to do the work.**
- **Do not heat or weld the rim to which the tire is installed. Do not make a fire near the tire.**
- **Select the tires according to the conditions of use and the weight of the attachments on the machine.**
- **Use only specified tires and inflate them to the specified pressure. See "Check Tire Pressure" on page 3-53.**



- Use the following table to select the tires according to the conditions of use and the weight of the attachments of the machine.
- Since the travel speed indicated on the speedometer varies with the tire size, consult your Komatsu distributor when using optional tires.

		Tire Size	Maximum Load kg (lbs)
Standard	Front and Rear	26.5-25-20 PR	12,690 (27,977)
Option	Front and Rear	26.5-25-24 PR	14,220 (31,355)

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Every 4000 Hours Service

★ Maintenance for every 50, 100, 250, 500, 1,000, and 2,000 hours service should be performed at the same time.

Lubricating

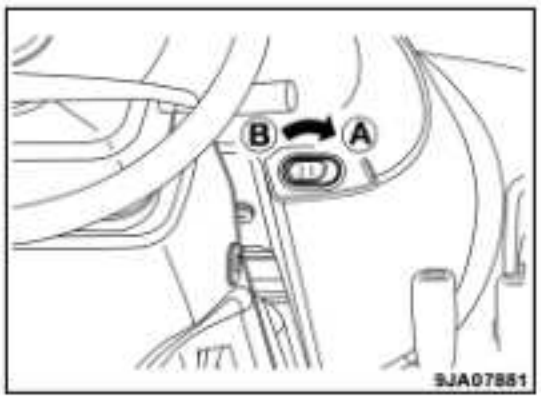
★ Carry out the greasing once every two years, regardless of whether the 4,000 hour interval has passed.

⚠ WARNING

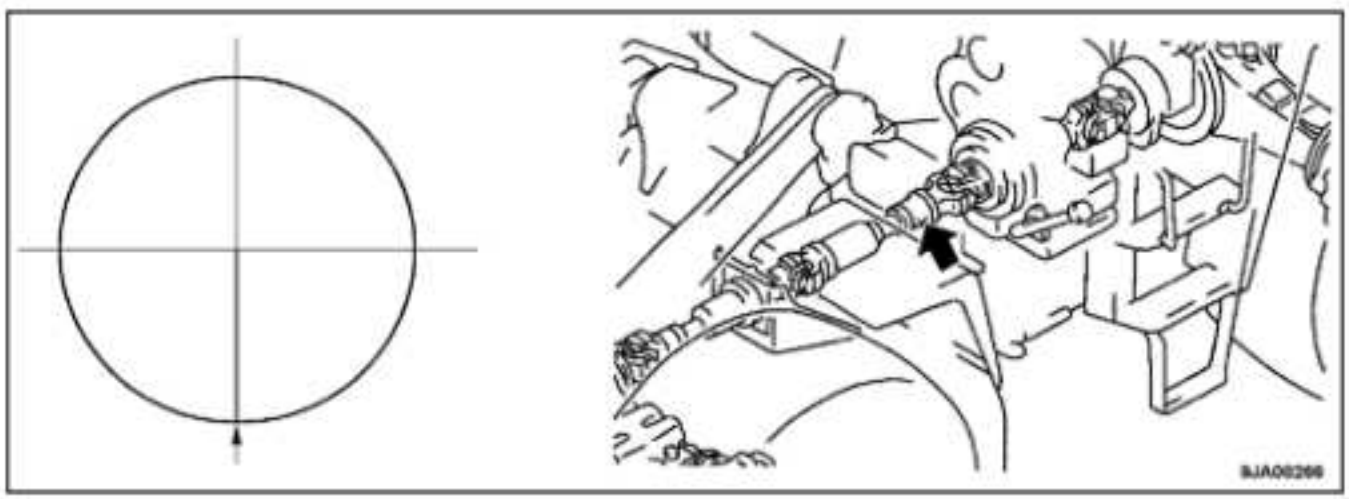
If you fail to grease the drive shaft, the shaft will break. There is a danger that the broken shaft will cause serious damage to the machine. To avoid this problem, always maintain the specified greasing interval strictly.

Required

1. Stop the engine and set the parking brake switch to the ON position (A).
2. Stop the machine so that the drive shaft is in the position so that the grease fitting of center drive shaft spline (1) is as shown in the figure. Supply grease from under the machine.
   - ★ At this time, the grease fitting is at the position indicated by the arrow at the circle below, seen from the rear of the machine.
   - ★ All graphic views are from the rear of the machine.
3. Using a grease pump, pump in grease through the grease fittings marked by the arrows.
4. After greasing, wipe off any old grease that was pushed out.



(1) Center drive shaft spline (one place)



★ Set so that the grease fitting is immediately at the bottom.

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