TEN00001-03

Operation & Maintenance Manual

GALEO

WA700-3

WHEEL LOADER

SERIAL NUMBERS WA700-3 51001 and up

November 2006

KOMATSU

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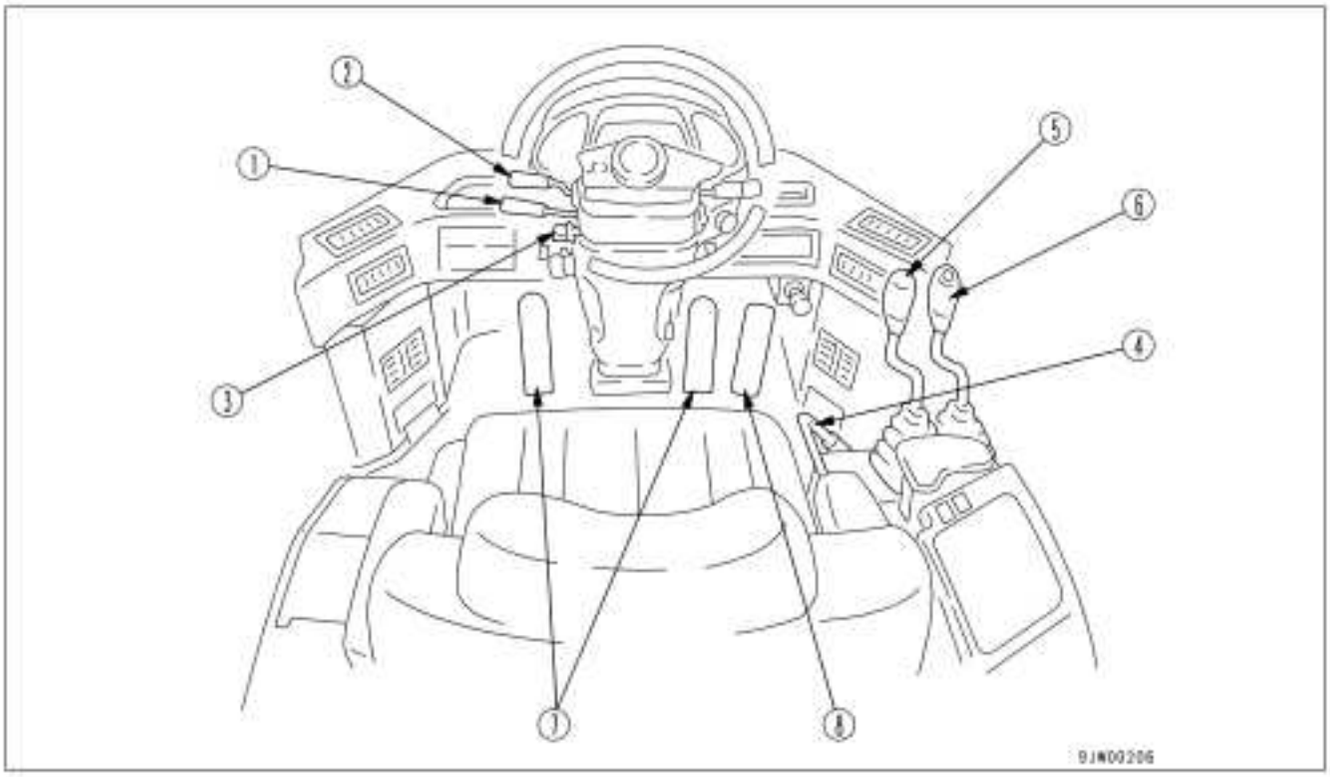
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CONTROL LEVERS, PEDALS



(1) Gearshift lever
(2) Directional lever
(3) Gearshift lever stopper
(4) Safety lock lever (for work equipment lever)
(5) Bucket control lever
(6) Lift arm control lever
(7) Brake pedal
(8) Accelerator pedal

GEARSHIFT LEVER

This lever (1) changes the speed range of the transmission.

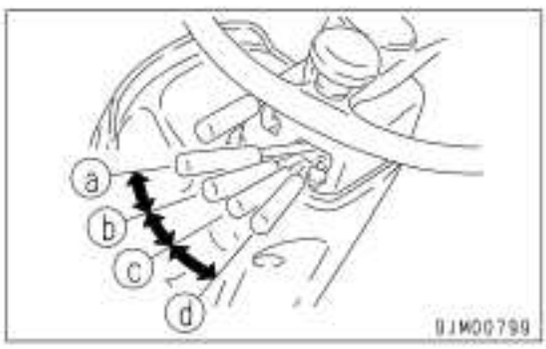
This machine has a 4-FORWARD, 4-REVERSE speed transmission.

Place the gearshift lever in a suitable position to obtain the desired speed range.

1st and 2nd speeds are used for working.

3rd and 4th speeds are used for traveling.

However, when the gearshift lever stopper is being used, it is impossible to shift to 3rd or 4th. Disengage the gearshift lever stopper before trying to shift gear.



Position (a): 1st
Position (b): 2nd
Position (c): 3rd
Position (d): 4th

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SERVICE PROCEDURE

INITIAL 250 HOURS SERVICE

Perform the following maintenance only after the first 250 hours.

- Replace transmission oil filter element
- Replace hydraulic tank filter element

For details of the method of replacing or maintaining, see the section on EVERY 500 HOURS and 2000 HOURS SERVICE.

INITIAL 2000 HOURS SERVICE

Perform the following maintenance after 2000 hours of traveling only for the first meintenance of the new car.

CHECK INJECTOR SETTING LOAD, ADJUST

The special tools are needed for the check and adustment.
Ask your Komatsu distributor for checking and adjustment.

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SELECTION AND INSPECTION OF 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, and that can cause serious injury or death.

- **Since maintenance, disassembly, repair and assembly of the tires and rims require special equipment and skill, be 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.**



SELECTION OF TIRES

⚠ WARNING

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.

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

	Maximum load	Tire size	Remarks
Front wheel	29870 kg (65863 lb) 37500 kg (82688 lb)	40/65-39-36PR (L5) (standard) 41.25/70-39-34PR (L5) (if equipped)	Type 3 for construction equipment
Rear wheel	29870 kg (65863 lb) 37500 kg (82688 lb)	40/65-39-36PR (L5) (standard) 41.25/70-39-34PR (L5) (if equipped)	

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