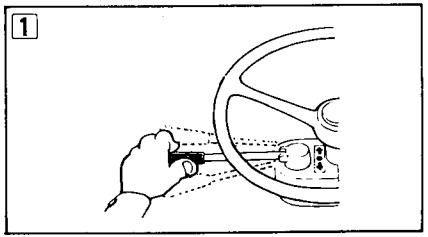
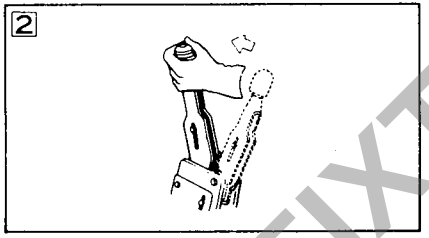
# OPERATING YOUR MACHINE

## STARTING MACHINE



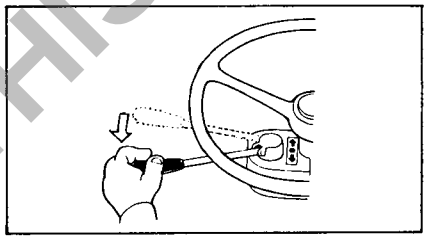

- Place F-R lever in neutral and release accelerator pedal. Turn the starting switch to ON and the truck is ready for operation.

★ The neutral safety circuit acts to prevent the truck from starting if the F-R lever is not in neutral or the accelerator pedal is not released.




- Release the parking brake and check that it is safe to drive the machine.
- Depress the accelerator pedal to start the machine.

## PLUGGING



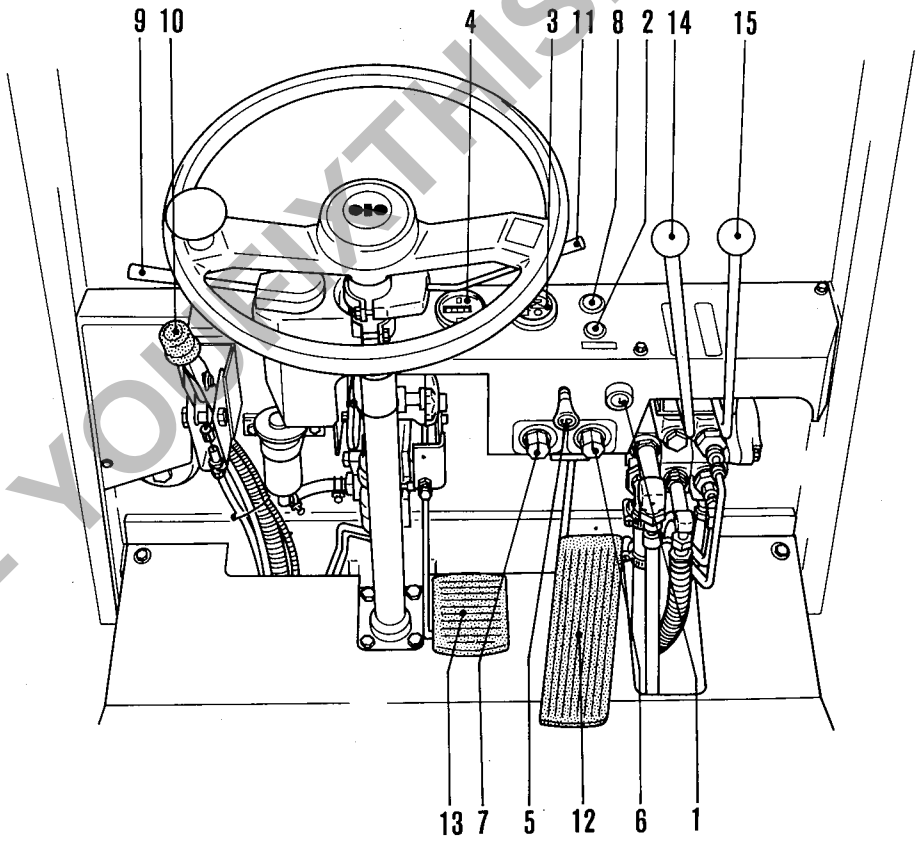
- With this truck, if the F-R lever is used to change the direction of the truck when the accelerator pedal is depressed, there is a reverse braking system which is actuated. If the F-R lever is placed in neutral just before the truck stops, it is possible to stop the truck completely.
- If the accelerator pedal is kept depressed after the reverse braking has stopped the truck, the truck will then move off in the opposite direction.
- If this plugging operation is used frequently, or strong plugging is used, there will be early wear of the motor brushes, so check the brushes more frequently.

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# INSTRUMENTS AND CONTROLS




1. Starting switch
2. Operation pilot lamp (green)
3. Battery discharge indicator
4. Hour meter
5. Lighting switch (OPT)
6. PCS (for pump) (OPT)
7. PCS (for drive)
8. Parking brake warning lamp (USA type)
9. Forward-Reverse lever (incl. PS motor switch and horn switch)
10. Parking brake lever
11. Turn signal lamp switch (OPT)
12. Accelerator pedal
13. Brake pedal
14. Lift lever
15. Tilt lever



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| ITEM | SERVICE | Check before starting | Every 100 hours service | Initial 200 hours service | Every 200 hours service | Every 600 hours service | Every 1200 hours service | Every 2400 hours service |
|---|---|---|---|---|---|---|---|---|
| Machine exterior | Oil or fluid leakage | ○ | | | | | | |
| Tires, rims | Air pressure, rim tightening torque, wear, damage | ○ | | | | | | |
| Battery | Electrolyte level | ○ | | | | | | |
| Hydraulic tank | Oil level | ○ | | | | | | |
| Brake pedal | Play | ○ | | | | | | |
| Brake fluid | Level | ○ | | | | | | |
| Parking brake | Play | ○ | | | | | ○ | |
| Horn | Function | ○ | | | | | | |
| Lamp | Function | ○ | | | | | | |
| Battery plug | Connection | ○ | | | | | | |
| **CHECK AFTER STARTING MOTOR** | | | | | | | | |
| Machine exterior | Abnormal noise generation, vibration | ○ | | | | | | |
| Steering wheel | Play | ○ | | | | | | |
| Gauges | Function, damage | ○ | | | | | | |
| Lift chain | Tension | ○ | | | | | | |

| ITEM | SERVICE | Check before starting | Every 100 hours service | Initial 200 hours service | Every 200 hours service | Every 600 hours service | Every 1200 hours service | Every 2400 hours service |
|---|---|---|---|---|---|---|---|---|
| **CHECK WHILE DRIVING SLOWLY** | | | | | | | | |
| Steering wheel | Play, wobbling | ○ | | | | | | |
| Brake | Function | ○ | | | | | | |
| **PERIODIC MAINTENANCE** | | | | | | | | |
| Lift chain | Greasing | | ○ | | | | | |
| Battery | Looseness of terminal | | | ○ | ○ | | | |
| | Voltage of cells after charging | | | | | | ○ | |
| Wiring | Looseness of main wiring | | | ○ | ○ | | | |
| Transfer | Change oil | | | ○ | | | ○ | |
| Differential case | Oil level | | | | | ○ | | |
| | Change oil | | | ○ | | | ○ | |
| Hydraulic tank | Change air breather | | | | | | | ○ |
| | Change oil and filter clean strainer | | | ○ | | | ○ | |
| Steering chain | Tension | | | | ○ | | | |
| Motor | Brush height | | | | | | ○ | |



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# SERVICE DATA

① Unit: mm • kg • kgm • kg/cm²

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# FOREWORD

This manual provides rules and guidelines which will help you use this machine safely and effectively. Keep this manual handy and have all personnel read it periodically. If this manual has been lost or has become dirty and can not be read, request a replacement manual from Komatsu Forklift or your Komatsu Forklift distributor.

If you sell the machine, be sure to give this manual to the new owners.

Continuing improvements in the design of this machine can lead to changes in detail which may not be reflected in this manual. Consult Komatsu Forklift or your Komatsu Forklift distributor for the latest available information of your machine or for questions regarding information in this manual.

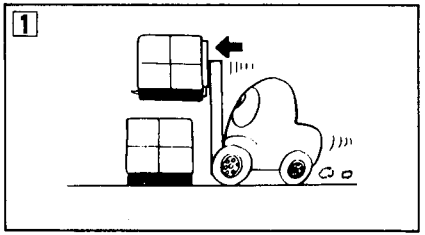
This manual may contain attachments and optional equipment that are not available in your area. Consult Komatsu Forklift or your Komatsu Forklift distributor for those items you may require.

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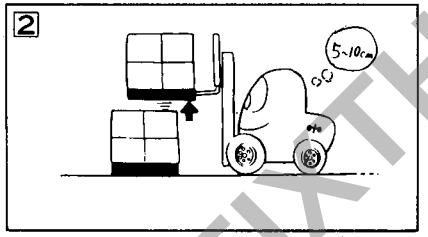
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## UNLOADING




Tilt the mast forward until it is vertical. Raise the load to 5 to 10 cm (2 to 4 in) above the unloading point. Drive slowly forward.

Lower the load temporarily to the unloading point.




Reverse and withdraw the fork 1/4 to 1/3 of the way. Raise the load again 5 to 10 cm (2 to 4 in). Position the load correctly above the unloading point. Withdraw the fork fully and reverse the truck slowly.

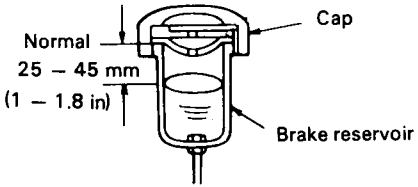


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## CHECKS AFTER STARTING

### 7. CHECK BRAKE FLUID

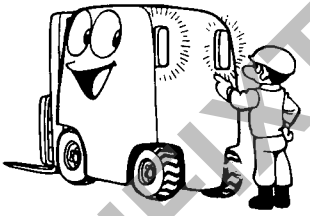



Remove reservoir cap, and check level.

If necessary, add brake fluid.

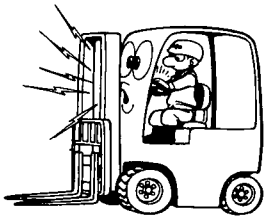
★ When installing, embossed letters should face up.

### 8. CHECK LAMP (OPT)



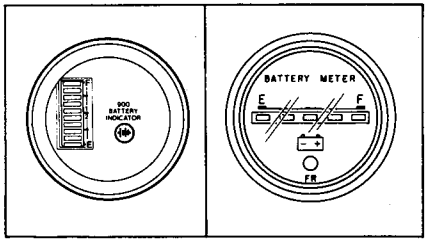
Check that each lamp goes on and off properly, that turn signals blink on and off properly, and that there is no dirt or damage.

### 9. CHECK HORN



Should horn to confirm operating condition.

### 10. CHECKING BATTERY CHARGE (USA type: OPT)




When the lamp flashes, charge battery immediately.



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