

TRAVELING

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Fuel Consumption Monitor

⚠ CAUTION

Do not operate the fuel consumption monitor while traveling. It may cause an accident.
When you operate the fuel consumption monitor in the cab during traveling, be careful that safe driving is not hindered.

The fuel consumption rate during traveling is indicated.

Checking the items on the fuel consumption monitor enables you to operate a crane in a environmentally friendly way.

The following items are shown.

- Current fuel consumption.....
The current fuel consumption during traveling is shown as a bargraph.
- Average Fuel Consumption.....
The average fuel consumption during traveling is shown in MPG (mile/gallon).
It is reset when the display changes to "At standby", or PTO is set to "ON".
- Fuel consumption during standby
- Standby period.....
The standby period is displayed in minute.

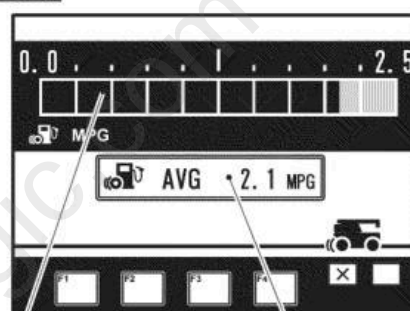
☞ The standby period is the period when a crane is stopped and the shift lever is in neutral position.

☞ Fuel consumption during standby and standby period are displayed when a specific time has passed since a crane became standby.

☞ The fuel consumption monitor is always on.
However, you cannot read the monitor during nighttime, because the back light of the monitor is turned off in order not to hinder a safe driving.

☞ The displayed data may be different from the actual value depending on traveling conditions.
Check the fuel gauge to see the remaining fuel amount.

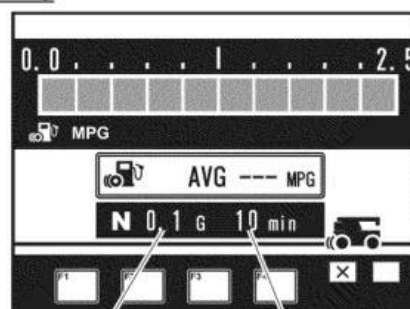
At traveling



Current fuel consumption

Average fuel consumption

At standby

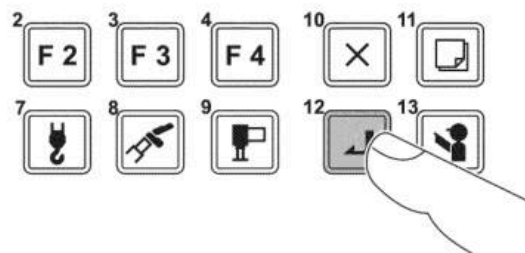


Fuel consumption during standby

Standby period

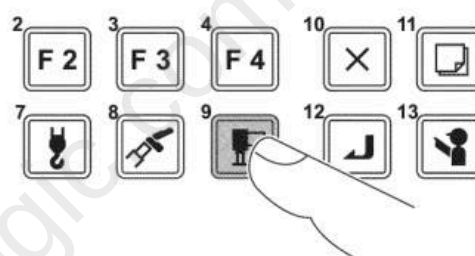
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5. Push the set key to register the setting.
- After the registration is completed, the pop-up window closes, and the load moment indicator returns to the crane operation state.

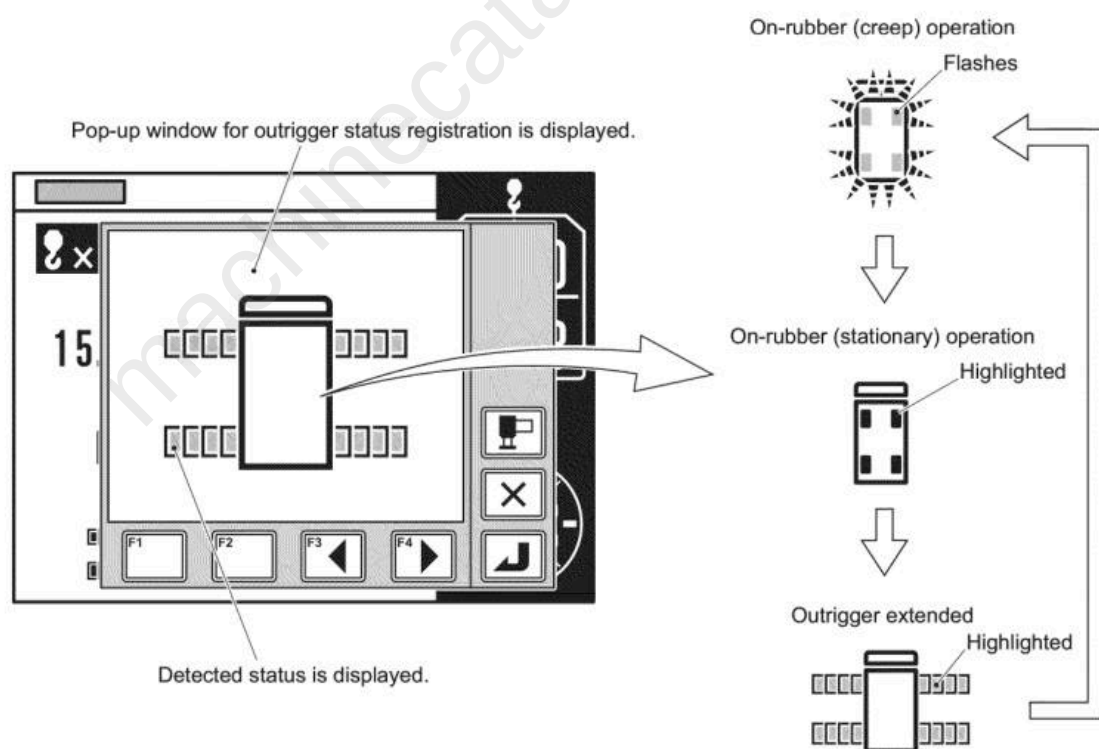


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6. Push the outrigger status select key.
- The pop-up window for the outrigger state registration is shown on the display panel. Each time the outrigger status select key is pushed, the display changes as shown below.



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- When the power for the load moment indicator is turned on, the "On-rubber (creep) operation" state is automatically set.
- Instead of the outrigger status select key, you can use the F3 (Backward) key or F4 (Forward) key to change the display of the outrigger state.

Selection of Winch to be used

⚠ WARNING

If the selection of the winch to be used does not agree with the actual state of the crane, the load moment indicator does not indicate the correct value of the load. If you operate the crane in this state, the crane may overturn or be damaged, resulting in an accident. Make sure that the state of actual crane operation and the selection of the winch for use agree before starting operation.

NOTICE

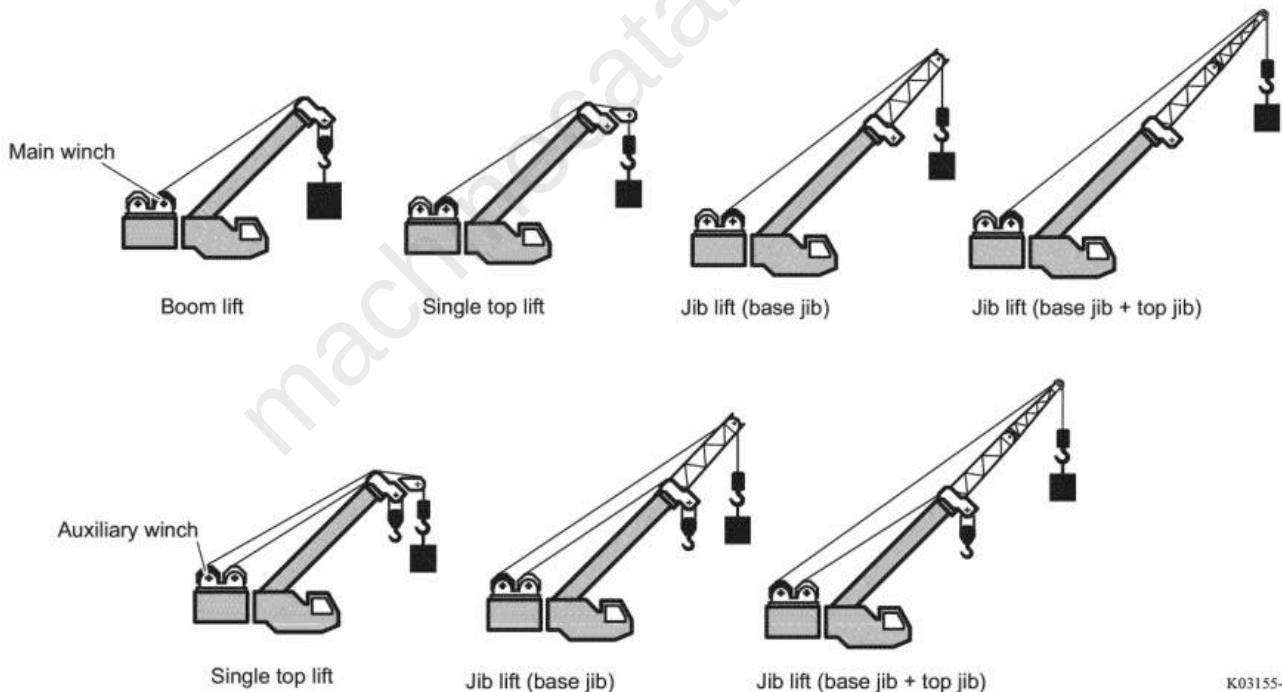
The crane operations other than those shown in the illustrations below are prohibited. Use the specified combinations only.

Select the winch (main winch/auxiliary winch) to be used.

Although the main winch is used in the standard procedure, the auxiliary winch can be selected for single top lift or jib lift. The load lifting capacity differs in accordance with the state of crane operation.

☞ When boom lift is registered, only the main winch can be selected.

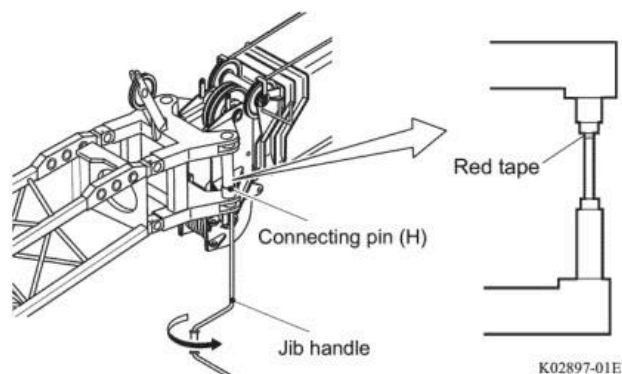
☞ For the rated capacity when the auxiliary winch is selected, follow the description in "Reduction of Rated Lifting Capacity Chart" (page 129).



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- 25.** Check that the connecting pin (H) is aligned with pin hole on the upper side of the base jib, and insert the connecting pin (H) using the jib handle.

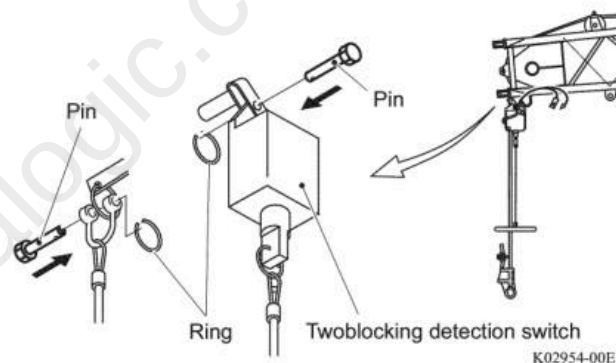
 Insert the connecting pin (H) securely until the red tape on the thread appears.



- 26.** Wind down the wire rope to loosen it slightly.

- 27.** Remove the rope socket from the bracket on the jib.

- 28.** Mount the twoblocking detection switch to the top of the base jib.

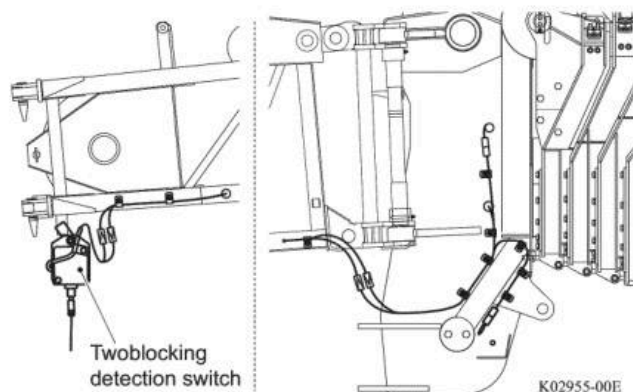


- 29.** Connect the wiring for the anti-two block device as shown in the illustration.

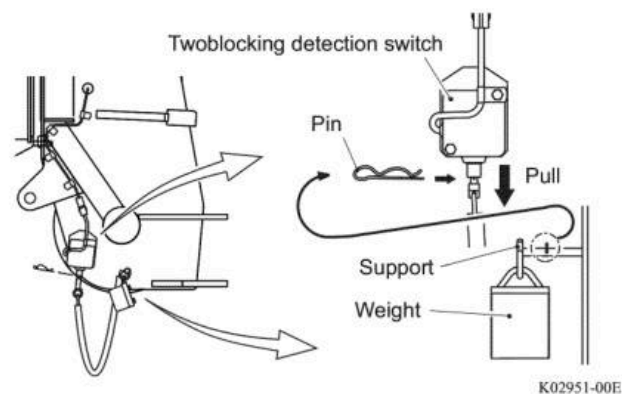
NOTICE

To disconnect the wiring, pull the connector itself and never pull on the cord.

The cord can be broken.



- 30.** Stow the weight to the support on the boom head, and insert the pin through the rod of the twoblocking detection switch, in order that the anti-two block device for boom lift does not activate.



Mounting Counterweight

⚠ WARNING

- Do not enter the area under the counterweight during mounting the counterweight. If the counterweight falls, a serious accident can occur.
- Wear a safety belt during inserting/removing counterweight fixing pins, and during slinging work, in order to prevent a falling accident.
A falling accident during these operations can cause a serious injury.
- Do not climb up or leave objects on the counterweight during counterweight mounting operation.
The counterweight may lean to one side, resulting in a falling accident or damaging the machine.

1. Extend the outriggers to maximum, and set up the crane horizontally.
2. Lift the counterweight and place it on the holding support at the front of the axle.

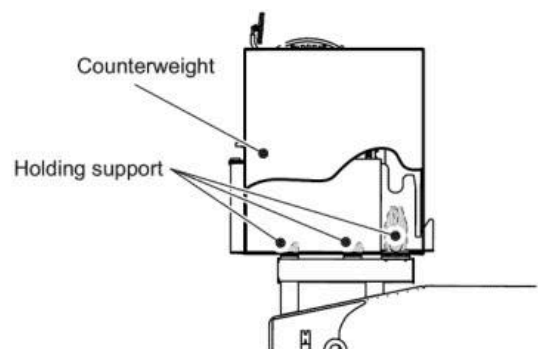
⚠ WARNING

When the counterweight is not mounted, the crane is unstable. Operate the crane with care to avoid overloading.

3. Make sure that the counterweight is placed on the holding support correctly.

⚠ WARNING

If you operate while the counterweight is not placed on the holding support correctly, the counterweight may fall or the machine may overturn.

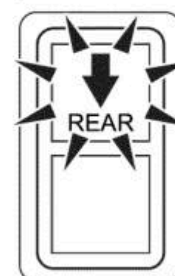


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4. Swing the boom to the position where the counterweight mount/dismount position indicator lights up.

☞ When the swing angle reaches 180°, the counterweight mount/dismount position indicator lights up.

Counterweight mount/dismount position indicator



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Full Version Available

Tadano GR-900XL-2 Rough Terrain Crane Operator Manual

Tadano GR-900XL-2 rough terrain crane operator manual covering controls, safe operation, setup and daily checks. Instant PDF download.

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