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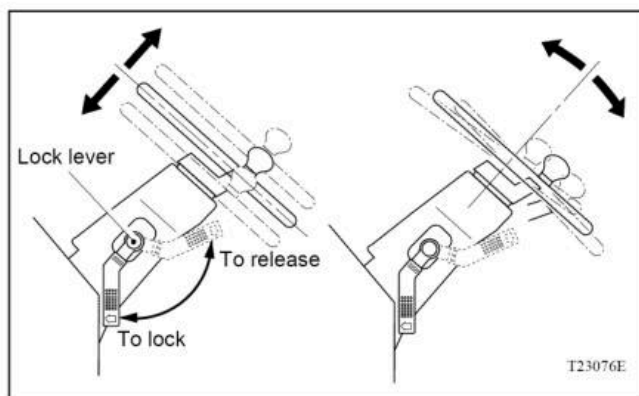
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Adjusting the Steering Wheel

⚠ WARNING

⚠ Be sure to adjust the steering wheel before traveling. Adjustment during traveling is dangerous.

The steering wheel is adjustable in height and angle. Adjust it to a position that is comfortable.



Height Adjustment and Angle Adjustment

Turn the lock lever to the "Release" position and adjust the height and angle of the steering wheel.

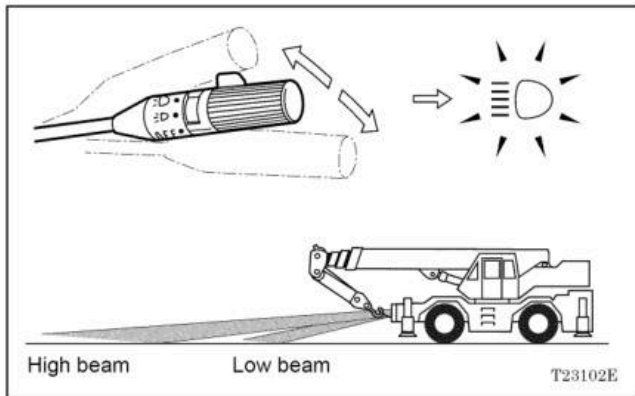
◆ After adjustment, turn the lock lever to the "Lock" position.

(2) Dimmer switch

Holding the lever back when the headlights are on switches from low beams to high beams. Returning the lever switches back to low beams.

If you want to momentarily turn on the headlights, pull up the lever. The high beams will turn on regardless of the position of lighting switch. Releasing the lever returns it to its original position and the high beams turn off.

◆ The high beam indicator lamp is lit when the high beams are on.

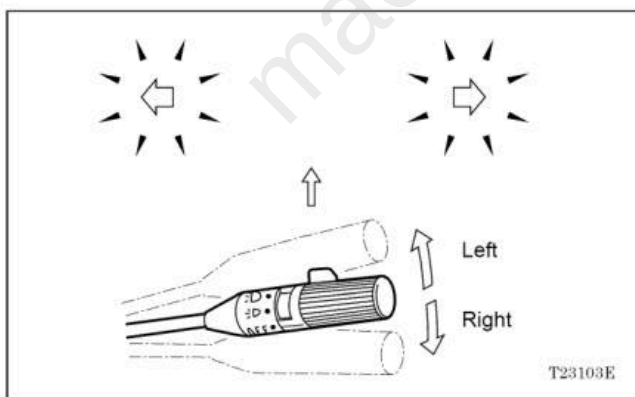


(3) Turn signal switch

Pushing the lever up or down causes the turn signal lamps to flash.

◆ If the lever does not return automatically by recentering the steering wheel, return it by hand.

◆ The right or left turn signal indicator lamp flashes in sync with the exterior turn signal lamps.



(4) Washer switch and wiper switch

[NOTICE]

◆ Do not use the wipers on dry glass; doing so will damage the glass. Wet glass by spraying the window with washer fluid before using the wipers.

◆ Never spray washer fluid continuously for more than 3 seconds and do not operate the washer switch when there is no window washer fluid. This practice may burnout the pump.

Washer fluid can be sprayed on the windshield by pressing in the switch end knob.

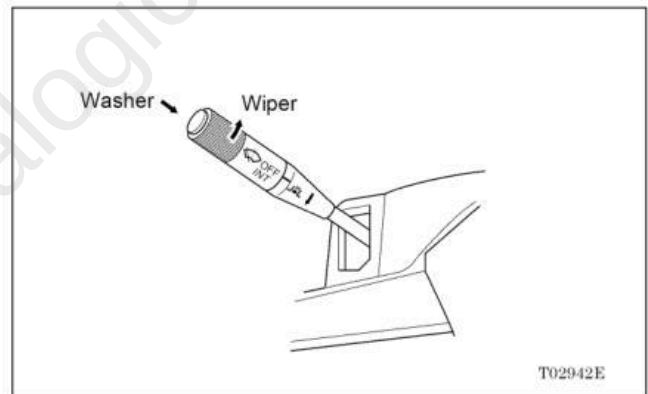
Rotating the switch activates the wipers as follows:

"OFF" Stops the wipers.

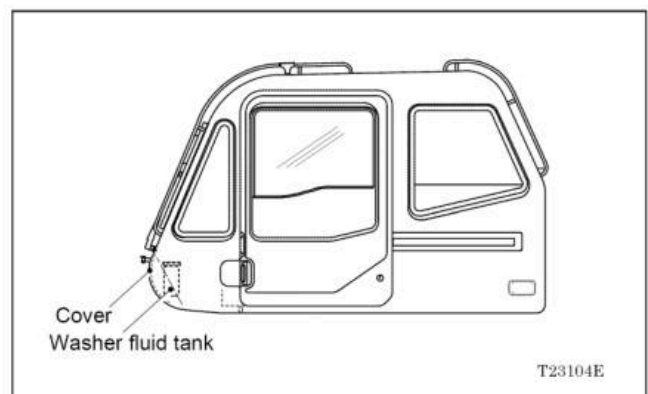
"INT" Wipes once in 3 to 5 seconds.

"LO" Wipes at low speed.

"HI" Wipes at high speed.

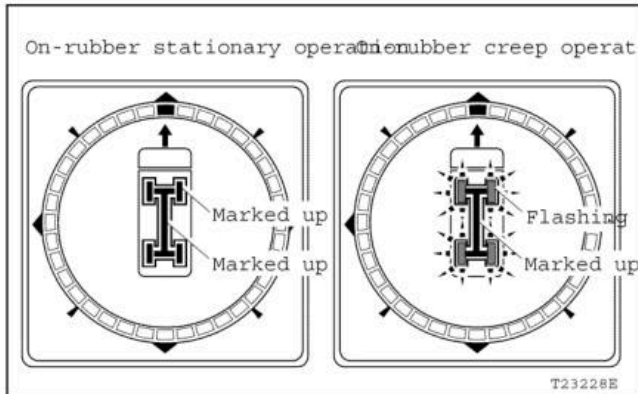


◆ When the washer fluid runs out, remove the cover in the front of the cab and refill the washer fluid tank with the washer fluid.



(2) On-rubber operation

Press the outrigger mode select key repeatedly until the display conforms to the actual condition (on-rubber stationary operation or on-rubber creep operation). Then press the register key. The moment display, rated lifting capacity display and real load display will return to normal display conditions, meaning that the on-rubber state has been registered.

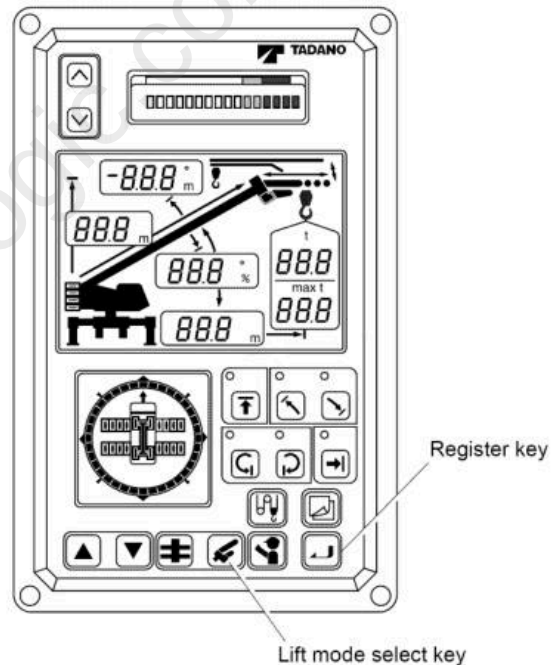


◆ The outrigger status automatically changes to a on-rubber creep status when an operation is made for stowing the outrigger after the registration of the outrigger status. Be sure to again register the outrigger status, when necessary.

Selecting Lift Status

- ◆ The boom lift status is the default status and is automatically selected (the boom lift indicative symbol is marked up) when the power supply is turned on (the PTO switch is placed in the ON position).
- ◆ Turning the power off (PTO switch: OFF) automatically erases all the previous settings stored in memory after approximately 2 hours. To resume the operation more than 2 hours after the power has been last turned off, enter the settings all over again.

Register the lift status using the lift mode select key and the register key.



Each time the lift mode select key is pressed, the mode changes in numerical sequence, from (1) to (9). The display returns to (1) if you press the switch while the status (9) is displayed on the screen. Select the status that corresponds to the actual lift status.

◆ After selecting the intended lift status, press the register key to register the status. The corresponding indicative symbols will stop flashing and become marked up and the moment display, rated lifting capacity display and real load display will return to normal display conditions, meaning that the state has been registered. (When the jib set status is selected, the jib lift indicative symbol will remain flashing.)

Hoisting Up and Down

⚠ WARNING

⚠ Moving the control levers abruptly is dangerous because it causes the load to bounce and swing. This practice could result in damaging the crane, and injury or death. Be sure to operate the levers slowly and carefully.

⚠ Never attempt to pull a load sideways or inward by operating the winch. Doing so may not only cause the boom failure but also overturn the crane.

⚠ When a load is lifted, the boom deflects and the working radius increases, possibly exceeding the allowable limit. This result causes an overload condition. Stop lifting when the load just clears the ground, and check the condition of the load, as well as for any sign of overloading, before continuing.

◆ Since the main and auxiliary winch systems are independent of each other, both winches can be used simultaneously.

Main Hoist

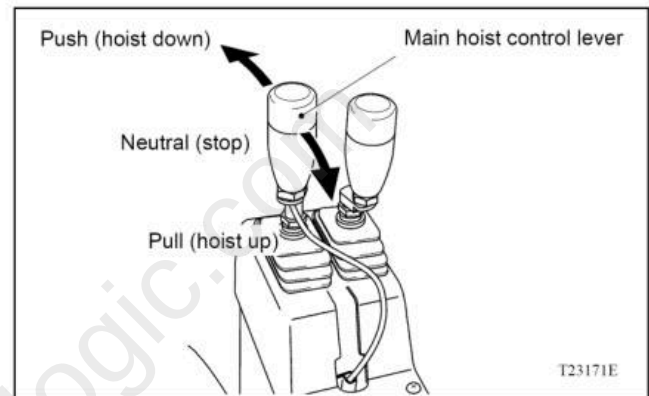
Operate the main hoist control lever to hoist up or down the main winch.

The hoisting speed can be controlled by changing the amount the main hoist control lever is moved and by using the accelerator pedal.

To hoist up: Pull the lever rearward.

To hoist down: Push the lever forward.

To stop: Return the lever to the neutral position.



Auxiliary Hoist

⚠ WARNING

⚠ Check the control mode of the boom telescoping /auxiliary hoist control lever before operating the lever; otherwise the crane can move independent of your intent and create a hazard.

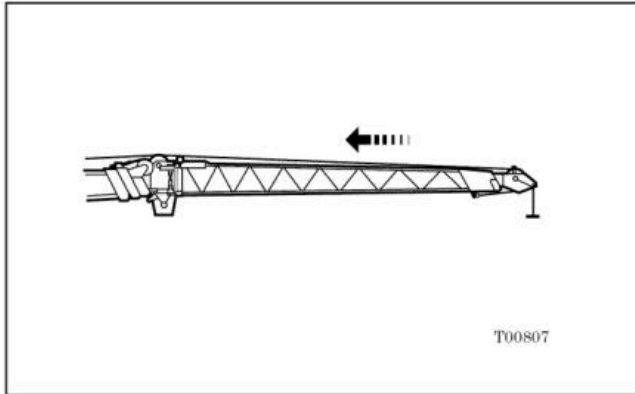
Operate the boom telescoping /auxiliary hoist control lever and the boom telescoping /auxiliary hoist selector switch to hoist up or down the auxiliary winch.

The hoisting speed can be controlled by changing the amount the boom telescoping /auxiliary hoist control lever is moved and by using the accelerator pedal.

17. Take in the rope slowly by operating the winch until the connecting pin is aligned with the pin hole in the base jib section.

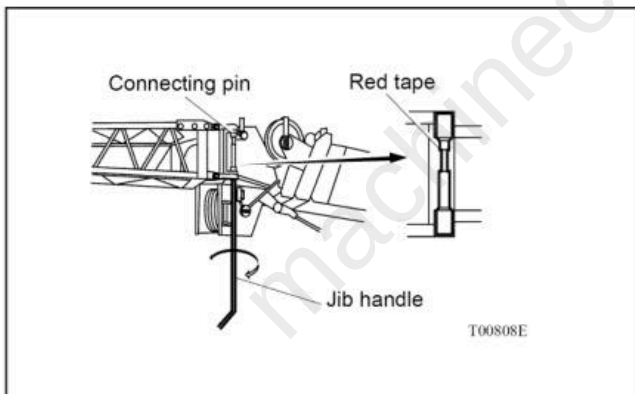
[NOTICE]

◆ If the boom is extended or lowered in place of hoisting up by the winch, the jib could be damaged. Use the winch only.

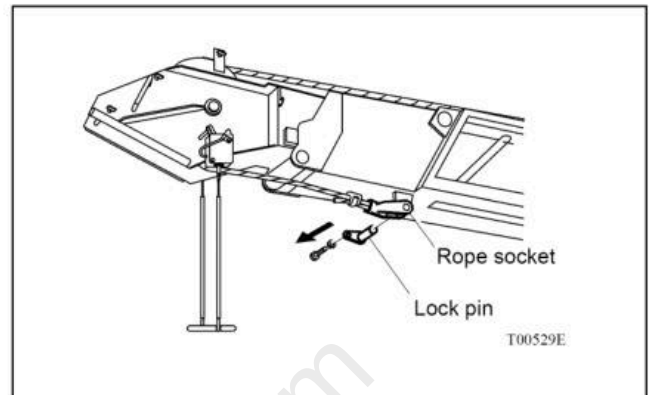


18. After making sure that the connecting pin and the pin holes in the base jib section are aligned, use the jib handle to insert the connecting pin in the pin holes.

◆ Insert the connecting pin properly; the red tape on the threaded portion should be exposed.

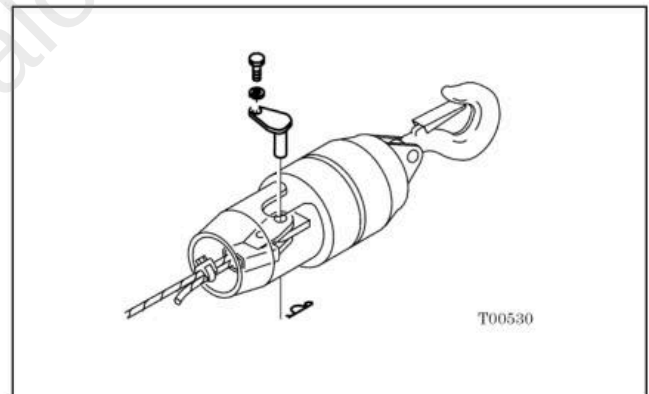


19. Hoist down with the winch until the wire rope becomes slack. Remove the rope socket from the underside jib bracket.

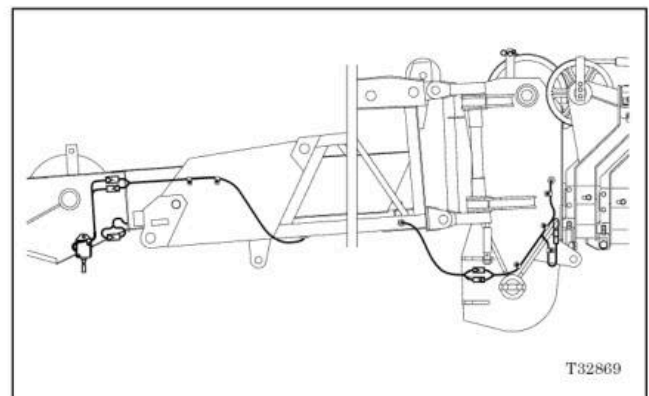


20. Hoist down with the winch to let out the wire rope. Then mount the rope socket on the auxiliary hook block.

◆ To prevent the wire rope from being improperly wound, pull the wire rope by hand. Wear protective gloves.



21. Connect the leads of the overwind cutout device.



INFORMATION AND DATA

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Full Version Available

Tadano GR-300EX-1 Rough Terrain Crane Operator Manual

Tadano GR-300EX-1 rough terrain crane operator manual covering controls, safe operation, setup and daily checks. 289 pages. Instant PDF download.

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