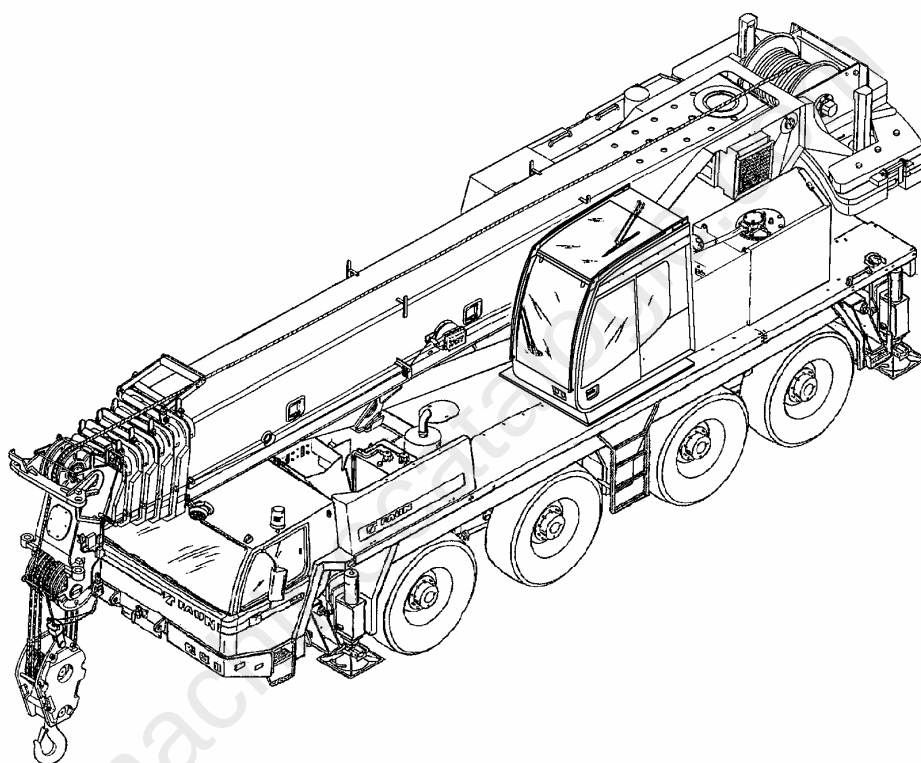




Operating, Service and Maintenance Manual

ATF 1000XL - 2



01261

DANGER

Read this manual before operating. Keep this manual in the crane carrier cab for future reference.

Vehicle identification no: WFN4 RTY N9 44085...

Head Office:

Ko-34,
Sinden-cho,
Takamatsu, Japan

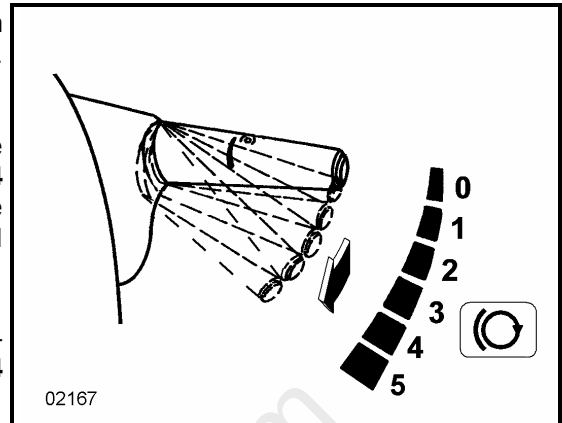
Overseas Service Dept.:

Tadano Ryogoku Bldg.
4-12, Kamezawa 2-chome,
Sumida-ku
Tokio, Japan
Tel. (03) 3621-7765
Tel fax (03) 3621-7785

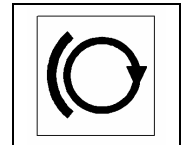
4.3.4 Engine brake and constant throttle valve (continuous service brake)

The non-wearing engine brake should be used especially on extended downward gradients in order to save the service brake. The effect of the continuous service brake cannot be graduated.

- Move the control lever from position 0 to position 1. The continuous service brake is activated. The indicator lamp 4 "Continuous service brake/eddy current brake" goes on (the positions 2 through 5 are only available with the optional equipment "eddy current brake").
- Move the control lever from position 1 to position 0. The continuous service brake is deactivated. The indicator lamp 4 "Continuous service brake/eddy current brake" must go out.



NOTE While the ABV control is activated, the continuous service brake is automatically deactivated. However, the indicator lamp 4 "Continuous service brake/eddy current brake" does not go out.



NOTE The lower the gear step selected in the gearbox, the greater the resulting braking effect.

DANGER The continuous service brake is only operative while a gear is engaged.

4.4 Steering variants

The possibility to unlock the rear axles and to steer them along with other axles enables a number of steering variants which are shown schematically below.

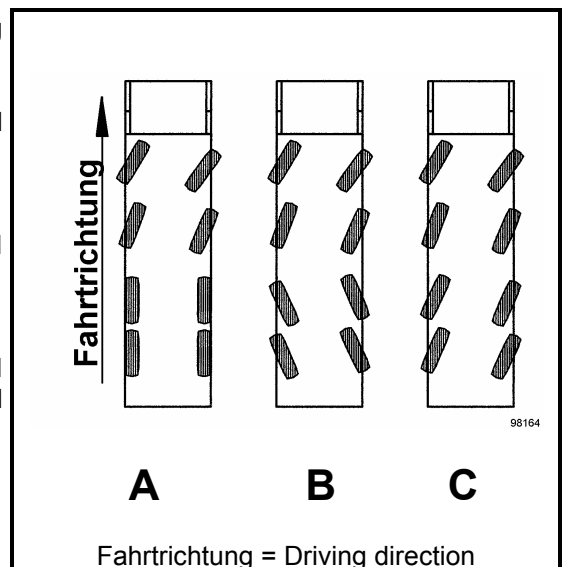
Variant:

A = Two-axle steering - front axle steering. The steering acts only on the front axles.

Attention Only this variant is admissible for on-road travel.

B = Four-axle steering - front and rear axles are steered. This variant (steering position) enables driving and manoeuvring with minimum turning radii.

C = Four-axle steering - front and rear axles are steered. This variant (steering position) - the so-called diagonal steering - allows the vehicle to be driven in slanted position.



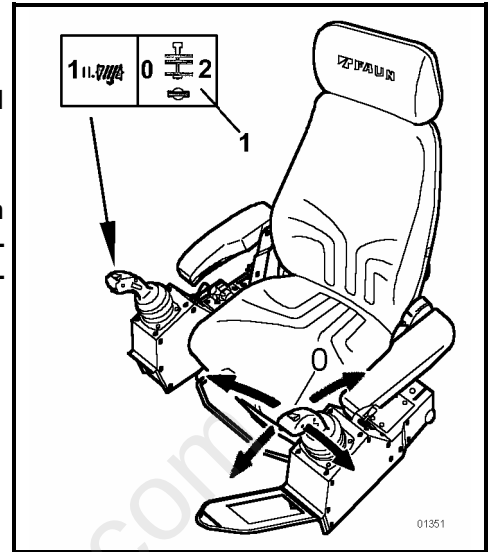
15.6 Counterweights (cont'd.)

- Actuate the rocker switch (1) to position 2 (to the right).

The allocation of functions to the left crane control lever is changed as described under item 15.6.1.

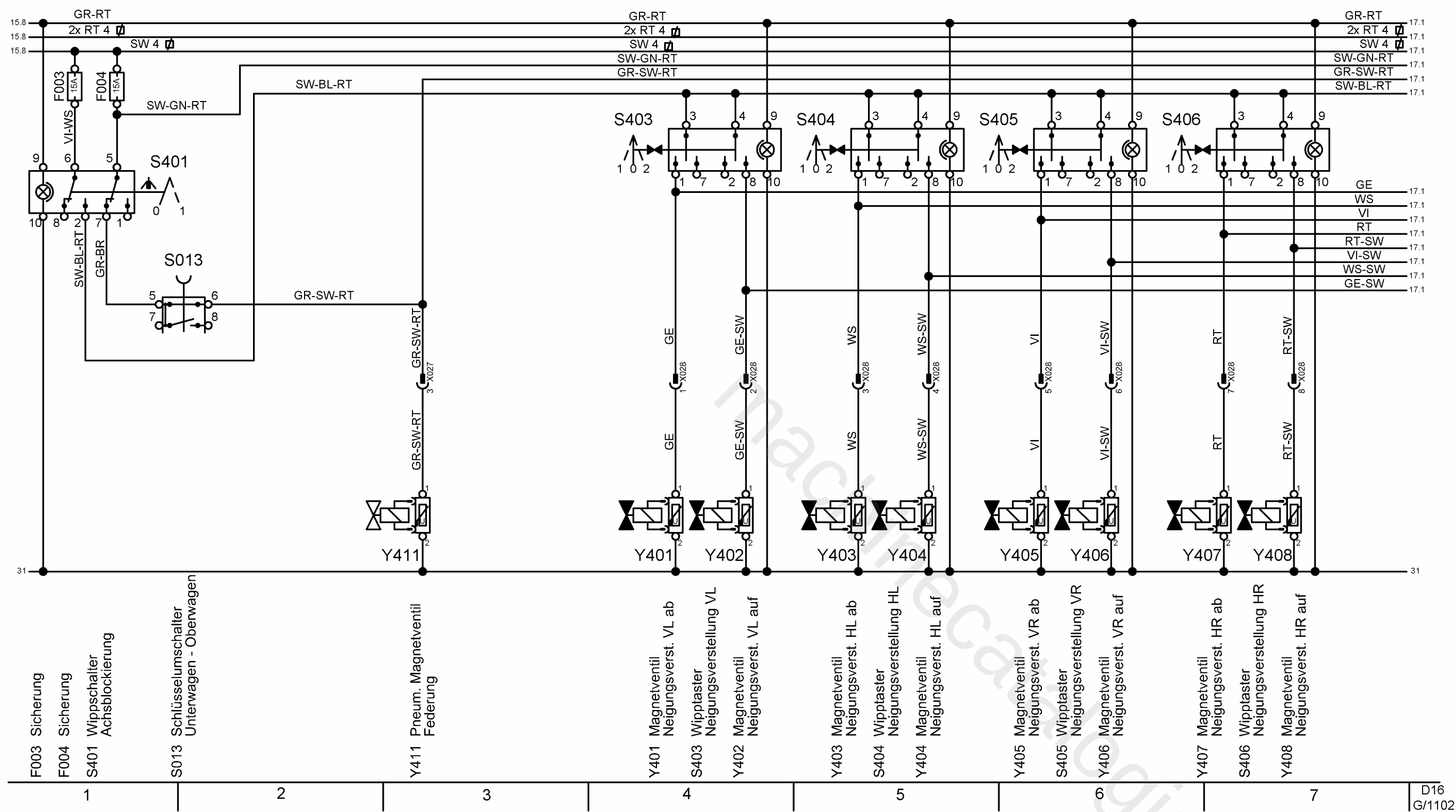
Attention

As long as the left-hand control lever's function allocation is changed, the movement "telescoping" and "slewing of superstructure" is not available.

**15.6.1 Allocation of left-hand crane control lever:**

Left-hand crane control lever
forward - counterweight **down**,
backwards - counterweight **up**,
to the left - counterweight **locked**,
to the right - counterweight **unlocked**.

1.5 Axle suspension (99707700804)



Attention to protection mark according to DIN 34.
* = Optional equipment

Ground cables: brown

Cable cross sections, unless otherwise specified: 0,06 in². (1.5 mm²)

2. IMPORTANT NOTES

The ASLI is an operating aid to warn the crane operator of an imminent overload or proximity of the hook block to the boom head, in order to avoid possible damage to property or personal injury.

The system cannot be, and is not intended to be, a substitute for good judgement or experience on the part of the crane operator, or for the application of recognised, safe working methods when using cranes.

 ATTENTION

The crane operator is not released from his obligation to operate the crane safely. He must ensure that he fully understands and follows the notes and instructions displayed.

Before beginning work with the crane, the crane operator must carefully read and understand the entire Manual to ensure that he is aware of the operation and limitations of the ASLI.

Proper functioning depends on due daily inspection and compliance with the operating instructions listed in this Manual. Please read section 5 of this Manual.

 WARNING

The ASLI can only offer the crane operator help if it is correctly adjusted, and the correct load chart and the correct operating code have been selected for the particular rig arrangement. To avoid damage to property and serious or even fatal injuries to persons, it is essential to ensure that the ASLI is correctly adjusted before beginning crane work.

 WARNING

This system can be equipped with an external key-operated switch which is located on the side of the housing of the central unit. This key-actuated switch bridges (overrides) the control lever's shut-off function by the ASLI. This switch may only be actuated in emergencies by authorized personnel. Non-compliance with these instructions may lead to damage to property and serious or even fatal injuries to persons.

Full Version Available

Tadano ATF 1000XL-2 All Terrain Crane Operator Manual

Tadano ATF 1000XL-2 all terrain crane operator manual covering controls, safe operation, setup and daily checks. Searchable PDF, 856 pages.

VIEW THE FULL MANUAL

<https://machinecatalogic.com/tadano-atf-1000xl-2-all-terrain-crane-operator-manual/>

File Pages: 856 · File Count: 1 · File Language: English