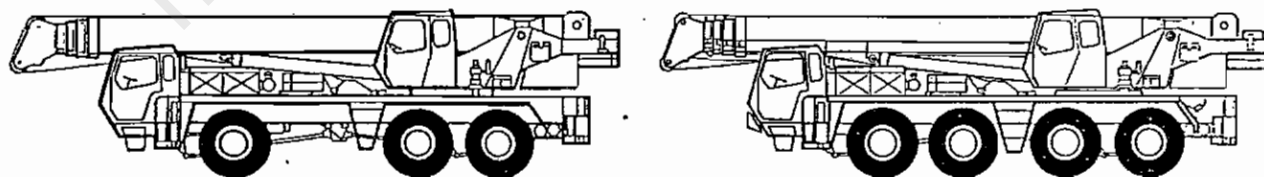


FAUN

BEDIENUNGSANLEITUNG OPERATOR'S MANUAL MANUEL D'ENTRETIEN

RTF 50 -3

RTF 50 -4



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ÄNDERUNGEN VORBEHALTEN

SUBJECT TO MODIFICATIONS

SAUF MODIFICATION

2.14 Wheels and tires (cont'd.)**2.14.5 Replacement of a disc wheel**

- Move the vehicle so as to turn the wheel so that a wheel bolt is placed at the uppermost position of the perforated circle (required only for wheels with parking brake effect).
- Actuate the parking brake.
- Place wheel chocks under the wheels so as to prevent the vehicle from rolling away.
- After cases of damage which might cause a danger of accidents on removal of the wheel, check wheels, rim and hub visually.
- Release wheel nuts by approx. 2 rotations.
- Jack-up axle - e.g. by supporting the chassis by outriggers - until the tire has a little ground clearance.
- Reduce the inflating pressure (if still existing) in the tire to approx. 1 bar.
- Unscrew wheel nuts; remove wheel from the hub and put it down, without laying it on the floor.
- Clean wheel hub, bolts, nuts and wheel contact surfaces; check them for wear and deficiencies.
- Replace defective components. Make sure to use exclusively genuine FAUN spare parts.
- Position the new wheel after having it checked for tight fit, by means of mounting sleeves and a mounting device.
- Do not damage the threads of the wheel bolts.
- Screw-on the wheel nuts so that they are uniformly applied; then tighten them to the specified torque using a torque wrench.

NOTE:

In case of wheel hubs without parking brake effect, use a wheel chock.

- Fasten defective wheel to the spare wheel holder.
- Follow the further instructions specified under item 2.13.2.

2.15 Check screw couplings

- Check all connecting and fastening bolts incl. the components for tight fit and, if necessary, re-tighten them.
- Re-tighten the screws of the driver's cab, the superstructure, the supports for the fuel and the air tank etc. as specified in the maintenance schedule.

NOTE:

Whenever performing checks for tight fit, adhere to the specified tightening torque.

4.7 Hydraulic system of superstructure (cont.)

4.7.4 Replacement of the sinter filters

- Depending on the design of the hydraulic system, sinter filters have been installed into the valves and control blocks. The position of the filters concerned has been laid down in the hydraulic piping diagram.
- Should there be an operating malfunction (loss of power, etc.), the sinter filters have to be replaced.

4.7.5 Oilchange in the hydraulic system

- Remove the drain plug (item 1) and allow the oil to drain completely.
- Lift out the filter unit.
- Remove any impurities encountered on the bottom of the tank through the filter opening (item 2) from the tank bottom.
- Rinse the tank using diesel fuel, petroleum or a similar fluid.
- Make sure not to leave any impurities in the tank.
- Replace the filter elements as it is described on page 111.
- Close the drain orifice; check the seal.
- Fill in oil via the filter in the return pipe, until the level reaches the max. mark at the dipstick (item 3).
- Fasten the filter cover (item 4) after having checked the seal (item 5).

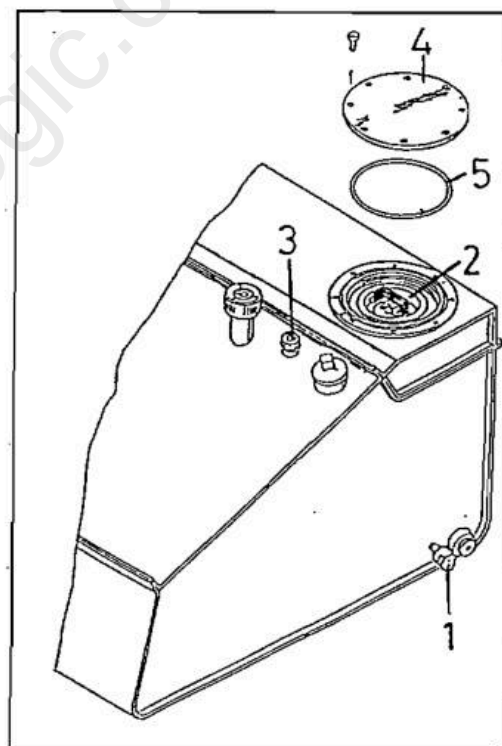
Important

Before starting the engine, check if the stop cock in the intake pipe of the oil tank is open - notches in the square parallel with reference to the piping.

NOTE:

We recommend to have the oil analysed by the oil supplier prior to a scheduled oilchange, or at regular intervals, so as to find out if the oilchange is actually required.

Depending on the degree of contamination and on the thermal load the hydraulic oil is subject to, shorter oilchange intervals than indicated in the maintenance schedule, may be required.



10 Oil sorts, filling capacities (recommended oil sorts), superstructure
NOTE:

The filling capacities specified above are approximate values. For precise measuring, the oil level inspection plugs or the oil dipsticks or inspection glasses are valid. Only those qualities may be used which are listed up in the chart of approved consumables, or which are indicated on the name-plates of the assemblies.

Maintenance point	Oil sort		Filling capacities
Engine DEUTZ F 6 L 913 ----- MERCEDES- BENZ OM 366	Engine oil of specification MIL-L-2104 C API: DC/SE (MIL-L-46152 A) Viscosity grade depending on temperature, e.g. SAE 10 W / 30 (C 3 oil) For approved oils, taking into account the aggravation factor, please refer to the oper- ating manual of the engine manufacturer.		w/o replacement of filter: approx. 16.5 l with replacement of filter: approx. 18.5 l ----- with replacement of filter: approx. max. 16.5 l ----- Total coolant: *) approx. 16 l
Fuel tank	Diesel fuel (DIN 51601) Sulphur contents less than 0.5 %		approx. 200 l
Hydraulic system of superstructure	Ambient temperatures	Hydraulic oil (DIN 51524, part 2)	approx. 800 l
	more than +30°C	ISO-VG 68 (HLP 68)	
	from +5°C to +25°C	ISO-VG 46 (HLP 46)	
	from +5°C to -15°C	ISO-VG 32 (HLP 32)	
	from -15°C to -25°C	ISO-VG 22 (HLP 22)	
	at temperatures lower than -25°C the entire oil filling must be changed.	Aero-Shell Fluid 4	
Rope winch gear- box (make ROTZLER)	Transmission oil SAE 80 MIL-L-2105 B (API: GL 5) (down to -30°C)		approx. 2 l
Gearbox of slewing gear (make ROTZLER)	(AVILUB 583 Oil from -30°C down to -50°C)		approx. 1.5 l

*) Approx. 30 % of this quantity to be anti-freeze agent, and approx. 0.2 l corro-
sion-protective agent, to be added whenever the system is filled anew.

2.7 Relay arrangement in the chassis

2.7 Affectation des relais dans le châssis

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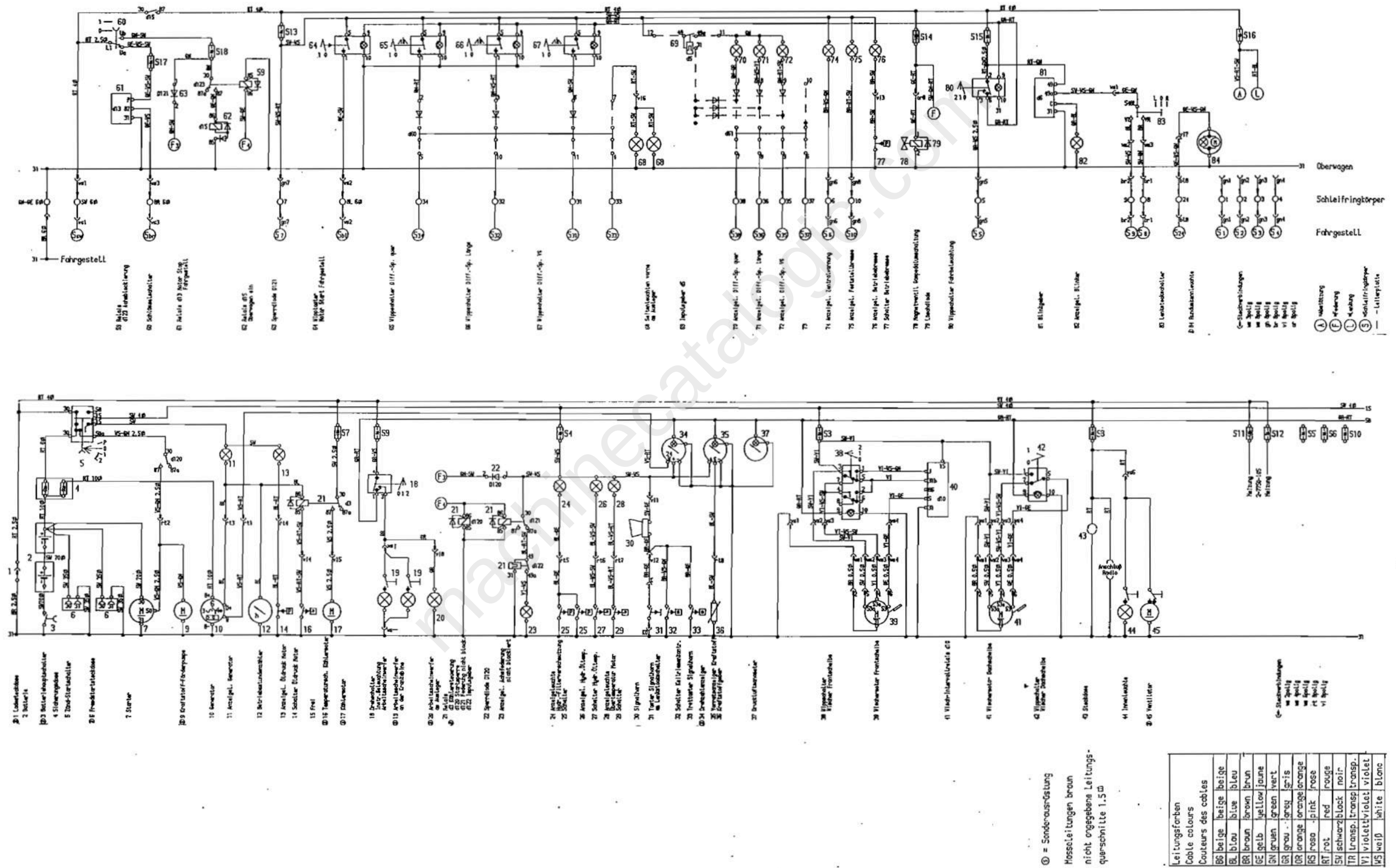
Key referring to page 144.5.1

Vorglühwiderstand	pre-heating resistance
Vorglühen	pre-heating
Starten	starting
Sperrdiode	locking diode
Zündung vom Oberwagen	ignition from superstructure
Zündung ein	ignition "ON"
Start-Sperr-Relais	starter locking relay
Blinkgeber	flashing trafficators transmitter
Wischintervall - Relais	relay - intermittent windshield wiper operation
Leiterplatte	printed circuit board
Abstützung aus-/einfahren	extend/retract outriggers
Umschaltung Diff.-Sperrn Abstützung	changing-over of differential locks outriggers
Impulsgeber Diff.-Sp.	pulse transmitter, diff. lock
VA-Lenkung	front axle steering
links	left-hand
rechts	right-hand
HA entriegelt	rear axle unlocked
HA-Lenkung	rear axle steering

Légende relative à la page 144.5.1

Vorglühwiderstand	résistance de préchauffage
Vorglühen	préchauffage
Starten	démarrage
Sperrdiode	diode de blocage
Zündung vom Oberwagen	allumage à partir de la superstructure
Zündung ein	allumage "marche"
Start-Sperr-Relais	relais de démarrage/blocage
Blinkgeber	centrale clignotante
Wischintervall - Relais	relais - fonctionnement intermittent des essuie-glaces
Leiterplatte	carte imprimée
Abstützung aus-/einfahren	sortir/renter les outriggers
Umschaltung Diff.-Sperrn Abstützung	commutation, blocages de différentiel outriggers
Impulsgeber Diff.-Sp.	impulseur, blocages-de différentiel
VA-Lenkung	direction de pont AV
links	à gauche
rechts	à droite
HA entriegelt	pont AR déverrouillé
HA-Lenkung	direction de pont AR

Deutsch	Englisch/English	Französisch/Français
D)	Circuit and piping diagrams for chassis and superstructure	Schémas de connexions et de tuyauterie pour châssis et superstructure
5. Oberwagen-Elektrik	Electrical equipment of superstructure	Installation électrique dans la partie tournante
5.1 Stromlaufplan 7752129	Circuit diagram	<u>Schéma des connexions</u>
74 Anzeigel. Zentralwarnung	Pilot lamp, central warning	Voyant: alarme centrale
75 Anzeigel. Feststellbremse	Pilot lamp, parking brake	Témoin: frein de stationnement
76 Anzeigel. Betriebsbremse	Pilot lamp, service brake	Témoin: frein de service
77 Schalter Betriebsbremse	Switch, service brake	Interrupteur du frein de service
78 Magnetventil Gaspedalumschaltung	Solenoid valve accelerator pedal	Soupape a magneto pedal de accelerator
79 Löschdiode	Canceling diode	Diode d'effacement
80 Wippschalter Fahrbeleuchtung	Rocker switch, headlights	Interrupteur basculant, éclairage du véhicule lors de la marche
81 Blinkgeber	Flashing trafficator transmitter	Centrale de clignotement
82 Anzeigel. Blinker	Pilot lamp, flashing trafficators	Témoin de clignotants
83 Lenkstockschalter	Steering column assembly switch	Interrupteur de colonne de direction
84 Rundumkennleuchte	Flashing beacon	Feu tournant



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