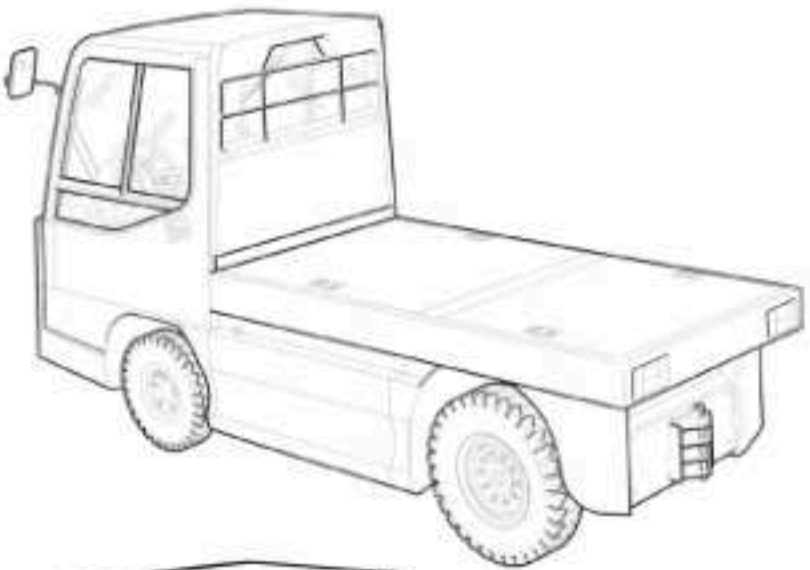
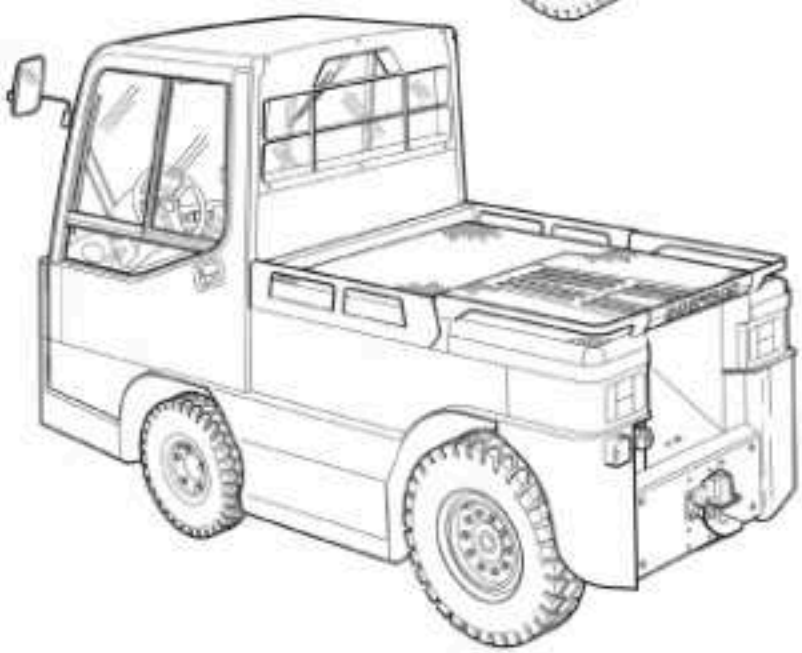
Service Training

Linde Electric Tractor
P 250
W 20
Series 127





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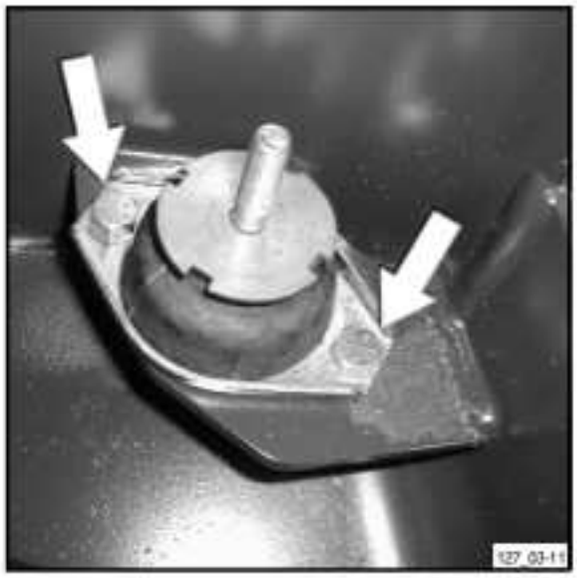
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3.5 CABIN MOUNT REMOVAL



- Remove the four cabin mount securing screws, and remove both front mounts.



- Remove the four cabin mount securing screws, and remove both rear mounts.

3.6 CABIN REFITTING



- To refit the cabin, reverse the removal procedure. If there were shims fitted on top of the rear mounts, then these can be inserted through slots in the chassis from within the battery compartment, before the cabin is fully lowered onto the mounts.

☞ **NOTE: Ensure any cables, piping, and the parking brake cable are routed correctly before lowering the cabin into position.**

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The parking brake is mechanically connected by cable to the oil immersed disc brakes on the rear wheels.

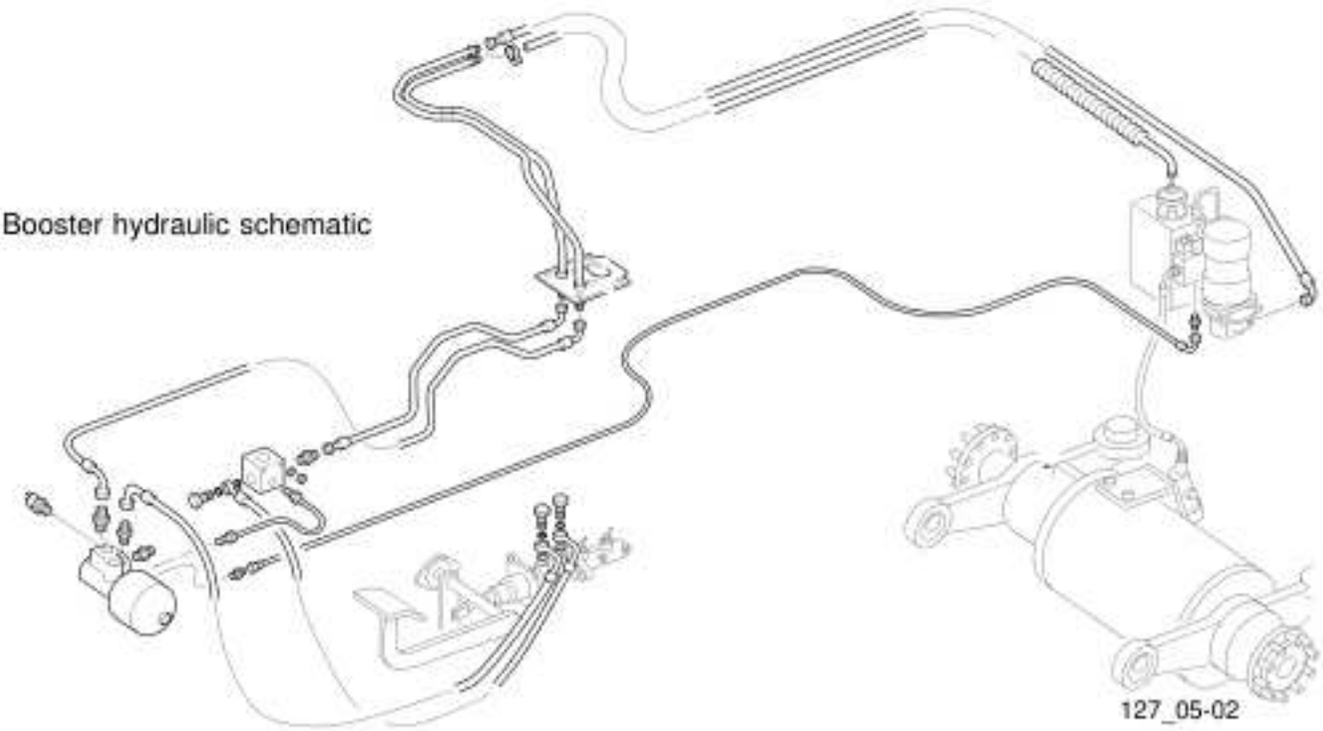
The accumulator fitted in the brake circuit receives its charge pressure from the hydraulic power assisted steering system via a pressure-controlled flow regulator which divides the oil flow between the brake accumulator and the power assisted steering system on the truck.

The pressure-controlled regulator always gives priority to the steering system.

Once the correct pressure is obtained, the pressure switch fitted to the accumulator closes, sending a signal to the steering controller.

The pressure-controlled flow regulator allows pressurized oil into the accumulator and the hydraulic booster, both have separate returns back to the hydraulic power assisted steering pump reservoir.

Booster hydraulic schematic



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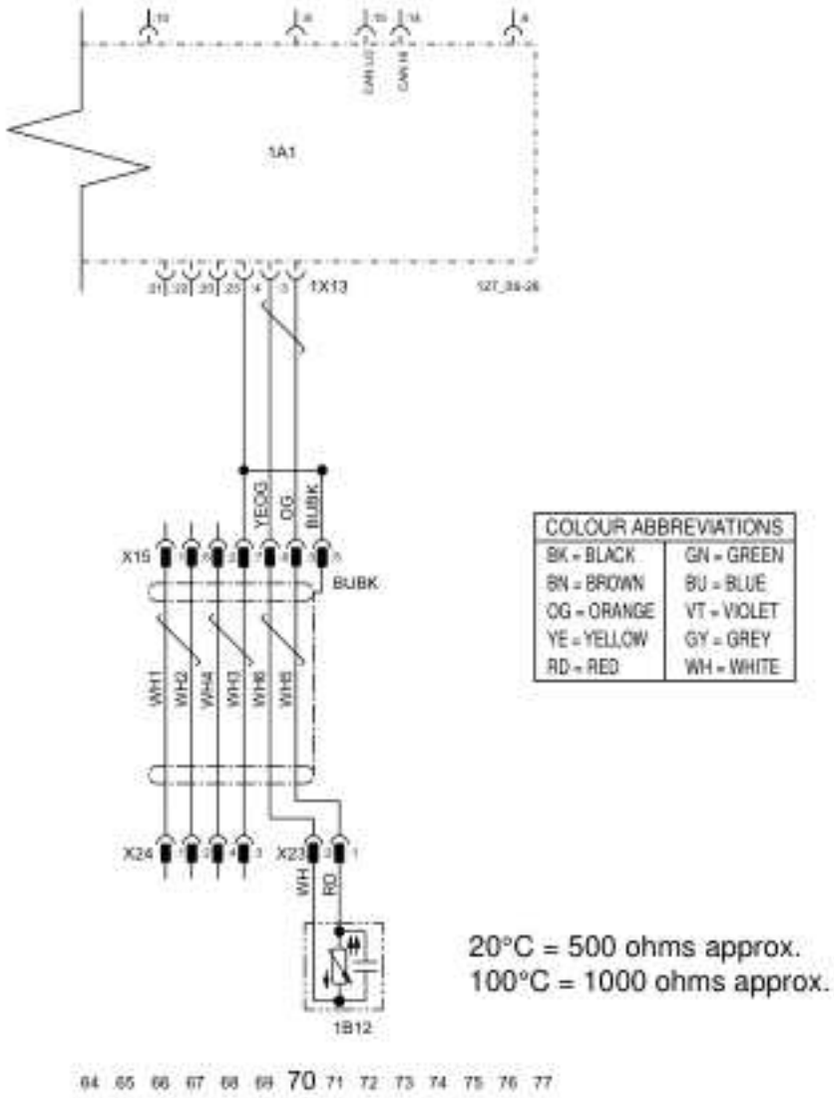
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6.10 TRACTION MOTOR TEMPERATURE SENSOR 1B12

A silicon sensor 1B12, located within the traction motor, is connected to the traction controller 1A1 at connector 1X13:3 and :4. The sensor's resistance changes according to temperature. This change in resistance is monitored by the traction controller.

Should the motor temperature rise to 120°C, the service lamp on the driver's display will flash, an alarm will be logged in the traction alarm logbook, and traction speed reduced to allow the motor to cool. Should the motor temperature continue to rise, at 160°C traction speed will be reduced to zero.



COLOUR ABBREVIATIONS	
BK = BLACK	GN = GREEN
BN = BROWN	BU = BLUE
OG = ORANGE	VT = VIOLET
YE = YELLOW	GY = GREY
RD = RED	WH = WHITE

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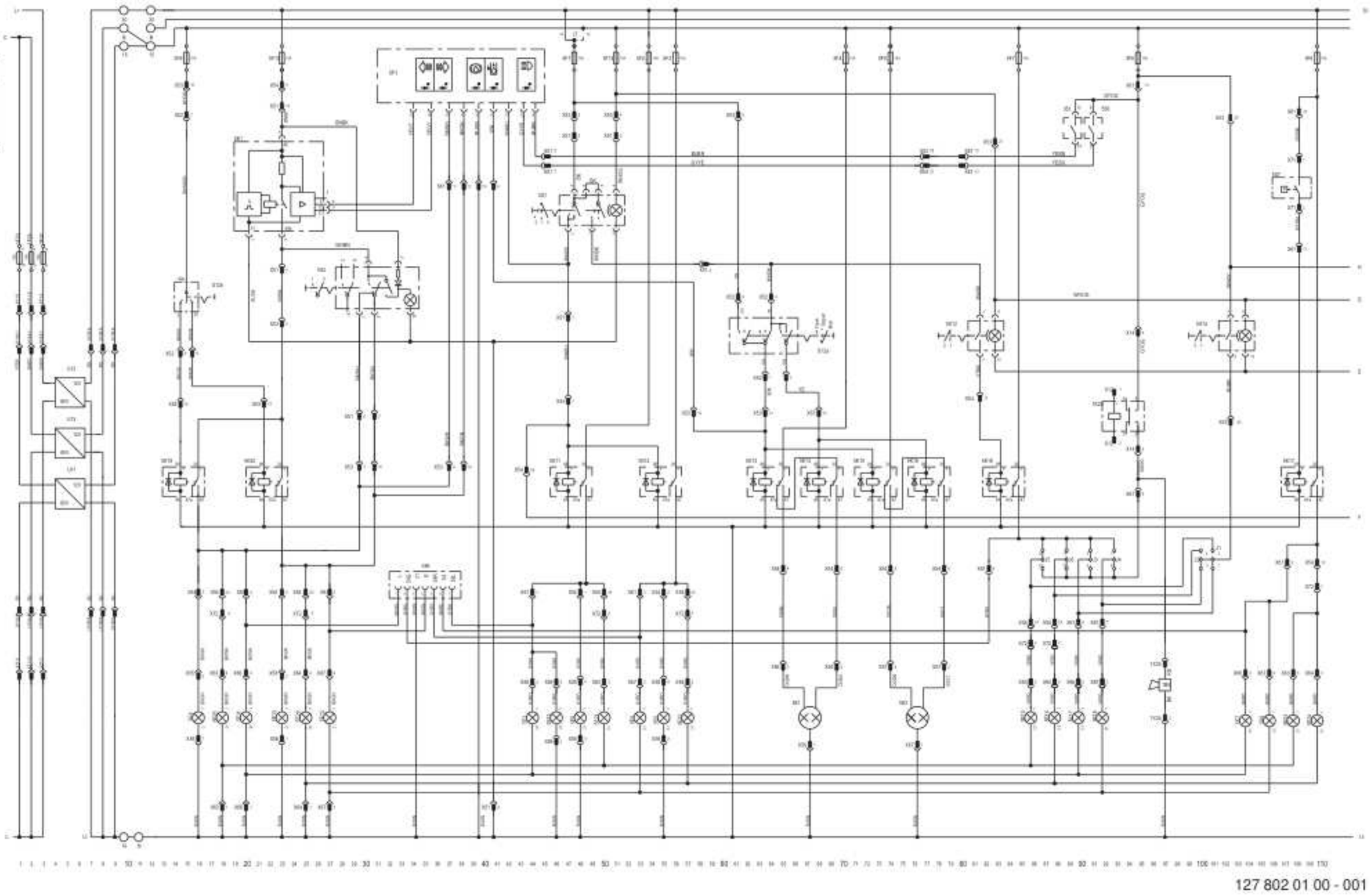
6.10.1 TRACTION CONTROLLER TEMPERATURE SENSOR (INTERNAL)

Full traction speed available up to 75°C. From 75°C to 85°C the traction speed is progressively reduced to zero.

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CIRCUIT DIAGRAM (LIGHTING SHEET 1)

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