SM-604
EC500 60/80B



CLARK Technical Publications Lexington, KY 40508

MidWestTech | Clark EC500 60, 80B Forklift Service Manual | Publication SM-604 Order the manual at mid-west-tech.com >

Section 2.

Lifting, Jacking, and Blocking

Raising Drive Wheels 2

Chaining the Upright in Raised Position 3

Raising Rear of Truck 3

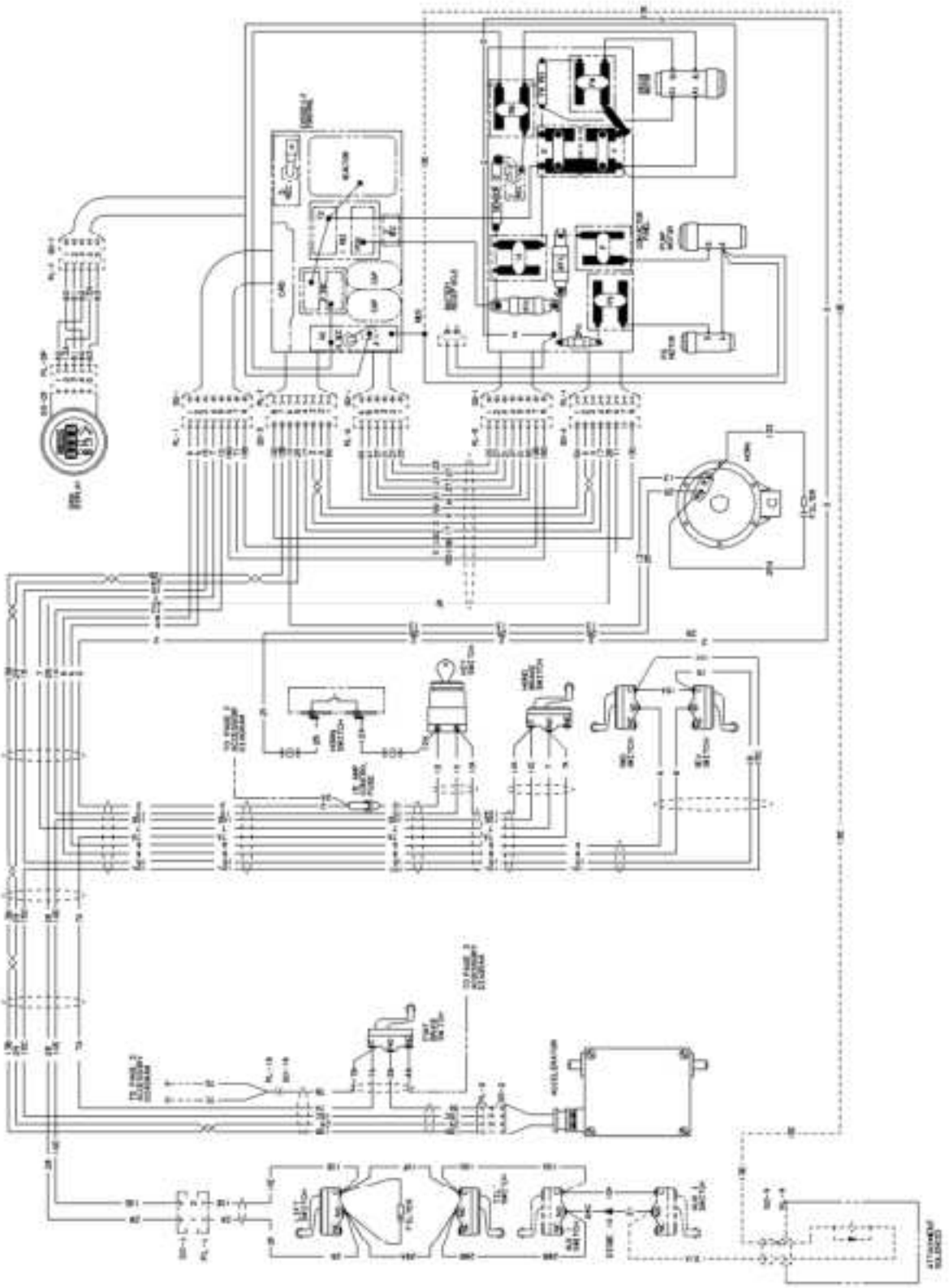
Raising Entire Truck 4

Shipping Tie-Down Instructions 5

⚠ WARNING

Lifting or jacking any large piece of equipment such as a fork truck presents obvious hazards. It must be done with great care and forethought. Consult the truck weight information in Group 40, Specifications, to ensure that your lifting equipment is of adequate capacity.

MidWestTech | Clark EC500 60, 80B Forklift Service Manual | Publication SM-604 Order the manual at mid-west-tech.com >



Standard Wiring Diagram

MidWestTech | Clark EC500 60, 80B Forklift Service Manual | Publication SM-604

Order the manual at mid-west-tech.com >

STATUS CODE	DESCRIPTION	MEMORY RECALL	No
-02	Forward directional switch is closed on initial power up.	CIRCUIT	Traction

SYMPTOM

Forward contactor will not pick up static return to off (SRO) lock out.

POSSIBLE CAUSE

Forward directional switch closed on initial power up (closure of battery plug, key switch or seat switch).

- Return directional switch lever to neutral and then select a direction.

Forward directional switch is welded closed or mis-adjusted to be held closed.

- Replace or adjust directional switch to insure that it opens when directional switch is returned to neutral.

Short circuit between TB2 and TB5.

- Disconnect wire from TB5 and check for short circuit between TB2 and wire.

Defective card

- Disconnect wire at TB5; Measure voltage at TB5, should be less than 60% of battery volts.

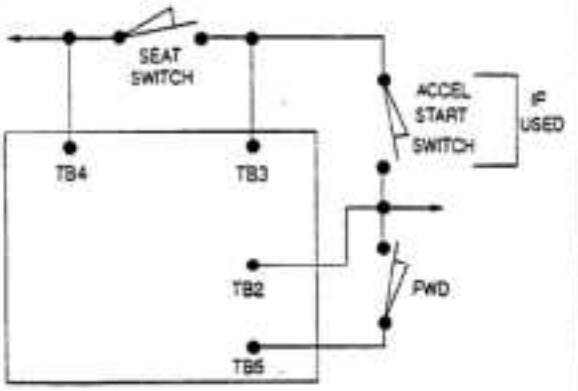


Figure 1.

STATUS INDICATION CRITERIA

This status code will be displayed when TB5 is greater than 60% battery volts at initial power up.

STATUS CODE	DESCRIPTION	MEMORY RECALL	No
-03	Reverse directional switch is closed on initial power up.	CIRCUIT	Traction

SYMPTOM

Reverse contactor will not pick up static return to off (SRO) lock out.

POSSIBLE CAUSE

Reverse directional switch closed on initial power up (closure of battery plug, key switch or seat switch).

- Return directional switch lever to neutral and then select a direction.

Reverse directional switch is welded closed or misaligned to be held closed.

- Replace or adjust directional switch to insure that it opens when directional switch is returned to neutral.

Short circuit between TB2 and TB6.

- Disconnect wire from TB6 and check for short circuit between TB2 and wire.

Defective card

- Disconnect wire at TB6; Measure voltage at TB6, should be less than 60% of battery volts.

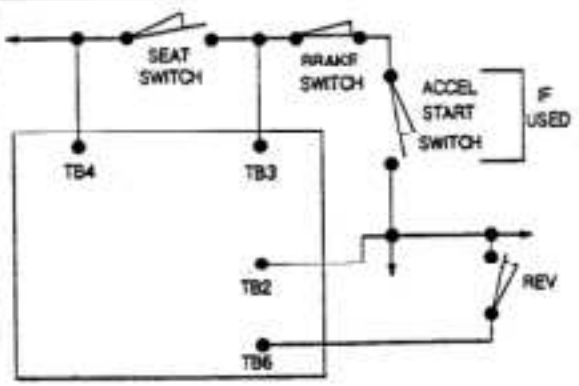


Figure 1.

STATUS INDICATION CRITERIA

This status code will be displayed when TB6 is greater than 60% battery volts at initial power up.

MidWestTech | Clark EC500 60, 80B Forklift Service Manual | Publication SM-604 Order the manual at mid-west-tech.com >

Section 2.

Counterweight Removal and Installation

Counterweight Removal 2

Counterweight Installation 3

MidWestTech | Clark EC500 60, 80B Forklift Service Manual | Publication SM-604 Order the manual at mid-west-tech.com >