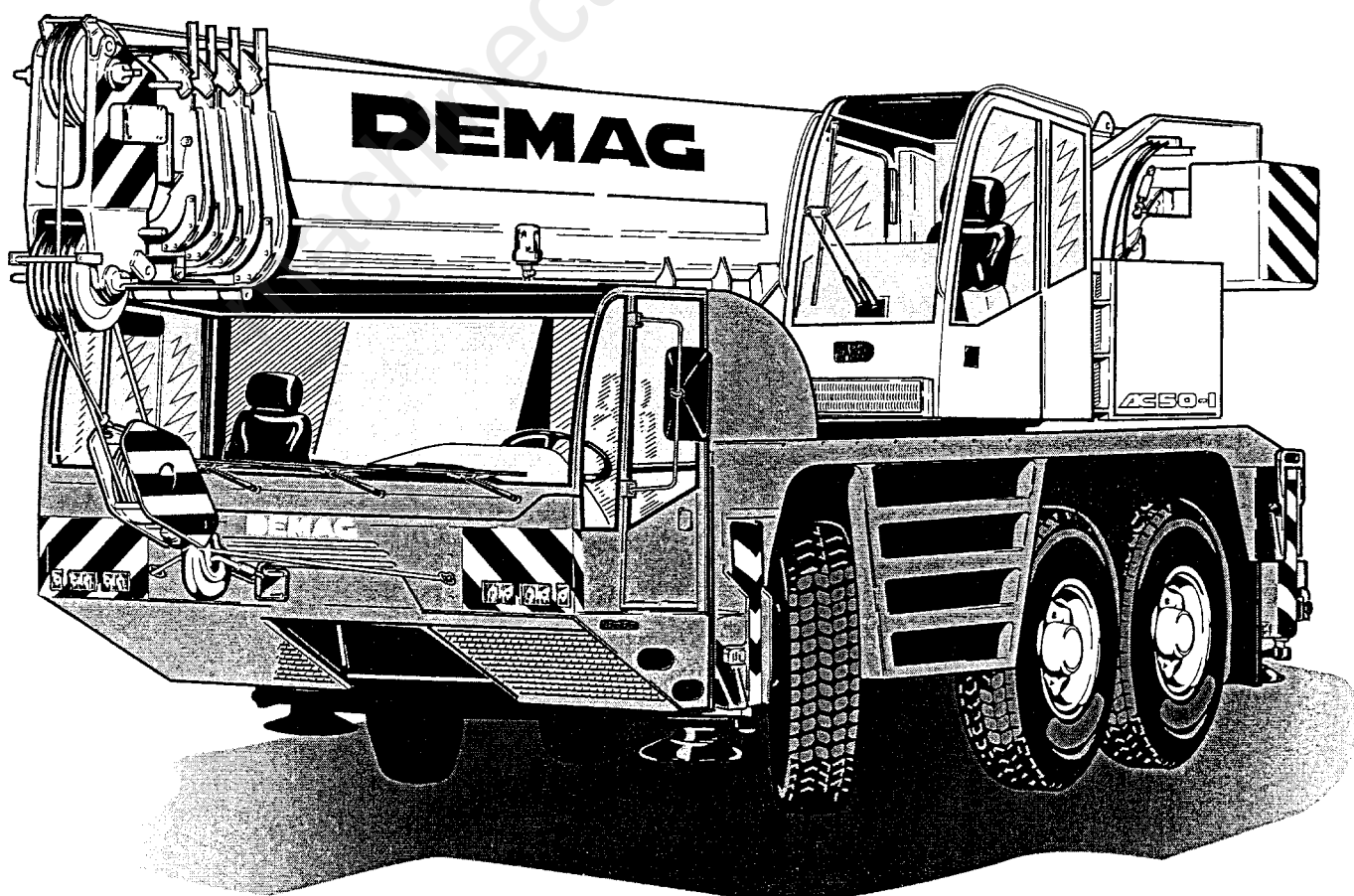


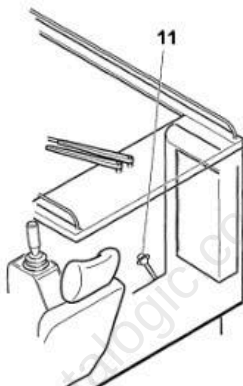
AC50-I

Part 1

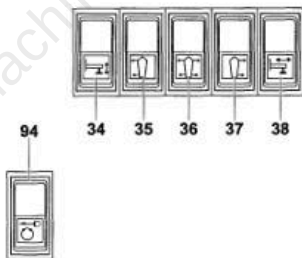
Operating Instructions for the Superstructure



15	Main Boom Extension (optional)
15.1	Fitting the Main Boom Extension
15.2	Folding the Main Boom Extension
15.2.1	Folding the 9.2 m Lattice Mast out of the Travel Lock into the Operating Position
15.2.2	Folding the 17.6 m Main Boom Extension out of the Travel Lock into the Operating Position
15.2.3	Folding the Main Boom Extension from 0° into the Operating Position 20° or 40°
15.3	Fitting Procedure
15.4	Securing the Box Top Piece to the Main Boom
15.5	Spindle Fixing
16	Heating and Ventilation
16.1	Operating the Heating and Ventilation
17	Reeving
17.1	Rope Equipment and Reeving
17.1.1	Reeving the Hoist Rope on the Main Boom Head
17.1.2	HD Attachment
20	Optional Equipment (see Part 5)



Z 501 034



Z 170 818

Line 42 CWA53

10.2.2 Selection the Reeving Number
(Z 170 541)

(33) Double reeving

(1D) OK

Save setting, back to display Z 170 538, page 6.

(1C) Increase reeving number

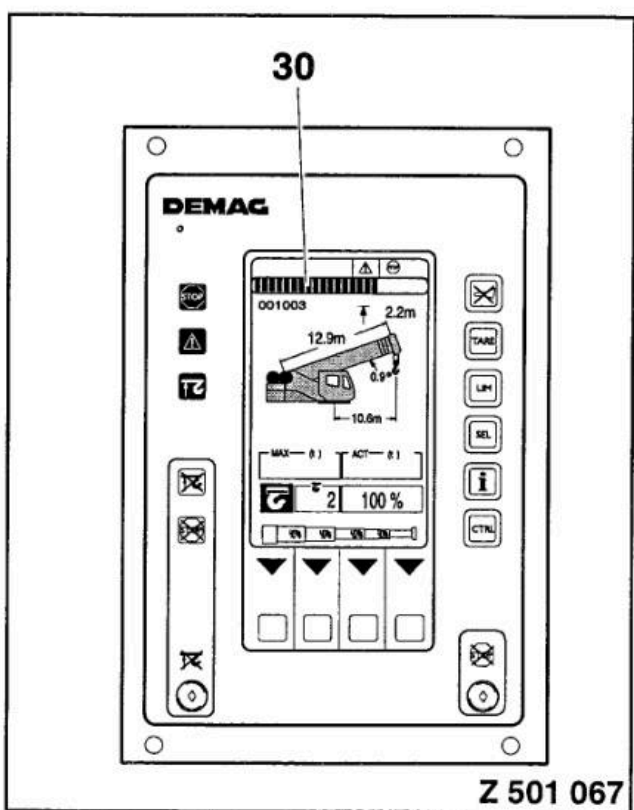
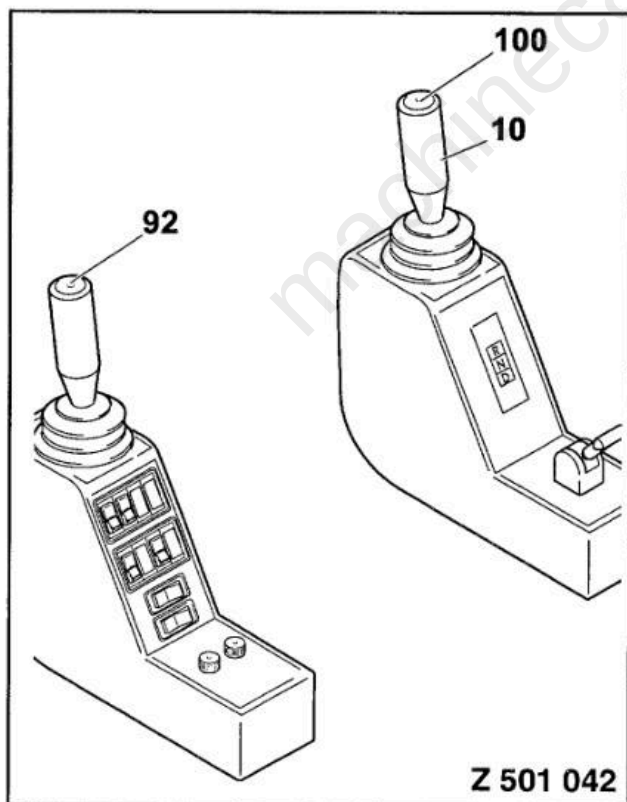
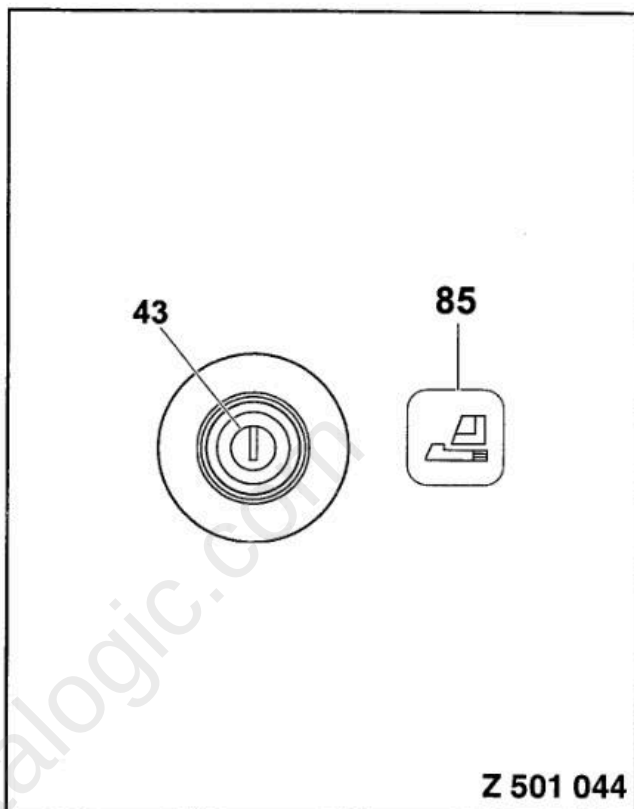
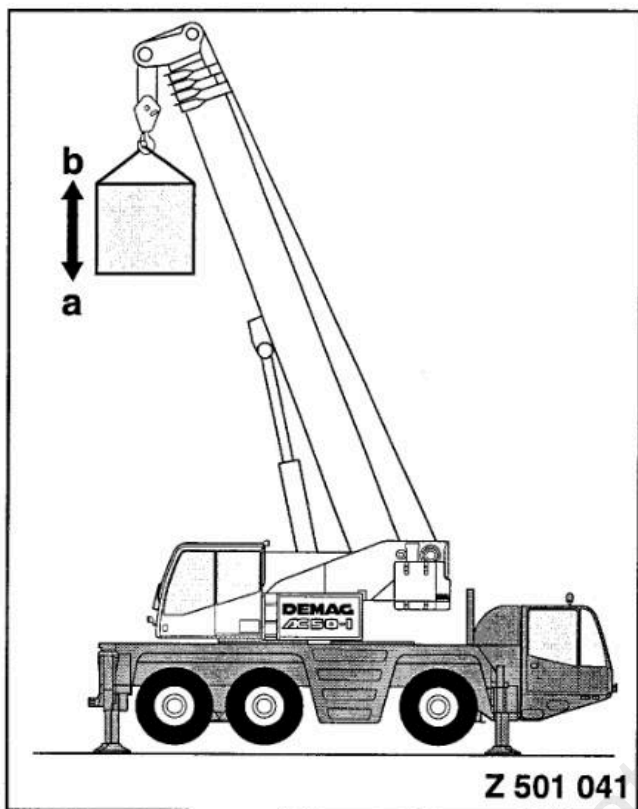
(1B) Reduce reeving number

11.5 Checking the Safety Measures

Before work is begun, i.e. before a load is lifted, the following points are to be checked:

- Crane chassis suspension system is switched to "raise axles".
- Underlying ground is firm enough to support the weight of the crane.
- All 4 outrigger struts are extended to the support area given in the duty chart.
- Outrigger plates are secured.
- Crane is in level position.
- Crane is not situated near a ditch or sloping ground.
- All axles are without load, i.e. no wheel is in contact with the ground.
- No live cables are situated within the operating radius of the crane.
- Crane is positioned such that it can be operated with a minimal operating radius.
- There are no obstructions which may restrict necessary crane movements.
- In case of poor visibility or darkness, the spot lights on the crane must be used to illuminate the area directly in front of the crane operator's cab, the outriggers and the winches.

The lights on the superstructure are activated via switch (32, S 112, outside lightning at front and rear) and those on the chassis (at the side, on the ladders) are activated via switch (46, S 312, outrigger lightning) (Z 170 837). Regardless of crane type, suitable lightning must be used to illuminate other areas (load, load travel, slewing range, road). This is the responsibility of the crane operator.



8. Release the pin (18) for the roller struts between the frame and the movable tube at (point N).
9. Fold the diagonal movable tube and frame away.
10. Pin lock the roller struts to the lattice mast basic boom at point (M) using pin (18), and guard (Z 155 177).
11. Conversion to the 0° operating position is the reverse of the above procedure.



The crane will be in danger of tipping.

	AC 40 (AC 95)	AC 50 (AC 155)
Max. Extension Length	16 m	25 m

Full Version Available

Demag AC 50-1 All Terrain Crane Operator Manual

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