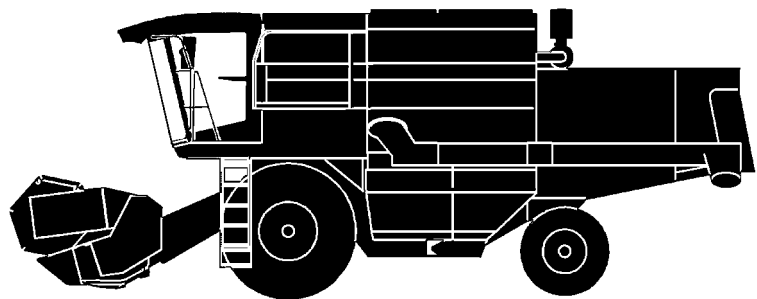


# ***OPERATOR'S MANUAL***

# ***CLAAS***



***DOMINATOR 208 MEGA III***  
***DOMINATOR 204 MEGA III***

**Read and follow safety instructions!**

# ***1***

## ***Introduction***



**INTRODUCTION**

The present Operator's Manual applies to the CLAAS combine-harvesters

DOMINATOR 208 MEGA      from serial no. 94503000  
DOMINATOR 204 MEGA      from serial no. 93503000

It is primarily intended to give the machine driver information on setting, using and operating the machine.

Texts and pictures apply, in general, to all combine models covered by this book, and the information given applies equally, except where reference is made to a particular model in captions to the pictures or in the main text.

Operation and maintenance of important ancillary equipment is also covered by this manual. Please read the instructions which apply to the appropriate ancillary equipment on your combine.

Provided you follow the advice on the care and servicing of your machine you will be rewarded with reliable and long service from your Combine Harvester.

We recommend that you allow your authorized CLAAS Dealer to carry out the regular maintenance. Omissions of parts of the maintenance schedule or incorrect operation lead to a drop in performance and cost valuable time. By correct servicing and operation you can make full use of our sound experience and of the latest technical knowledge in Combine Harvesting with which your combine has been designed and thereby insure reliability of your Combine Harvester.

This Operator's Manual can be ordered from your CLAAS Dealer as well as the manuals listed below:

- Threshing Instructions for special crops
- Fitting and Operating Instructions for ancillary equipment

CLAAS Service Department



# **2**

## ***Contents***



**CONTENTS****1. Introduction**

|                    |       |
|--------------------|-------|
| Introduction ..... | 1.1.1 |
|--------------------|-------|

**2. Contents**

|                |       |
|----------------|-------|
| Contents ..... | 2.1.1 |
|----------------|-------|

**3. General information**

|                                                 |       |
|-------------------------------------------------|-------|
| Road traffic regulations .....                  | 3.1.1 |
| Important .....                                 | 3.2.1 |
| Identification plate / Serial number .....      | 3.3.1 |
| Identification plate .....                      | 3.3.2 |
| Combine serial number .....                     | 3.3.2 |
| Engine serial number .....                      |       |
| MERCEDES OM 906 LA .....                        | 3.3.2 |
| Cutterbar identification plate .....            | 3.3.3 |
| Identification plate of folding cutterbar ..... | 3.3.3 |
| Maize picker head serial number .....           | 3.3.3 |
| Multimaster .....                               | 3.3.3 |
| Serial number of maize head stalk chopper ..... | 3.3.4 |
| Straw chopper .....                             | 3.3.4 |
| Cab serial number .....                         | 3.3.4 |

**4. Safety rules**

|                                     |       |
|-------------------------------------|-------|
| Safety rules .....                  | 4.1.1 |
| Safety lock .....                   | 4.1.4 |
| Fire extinguisher .....             | 4.1.4 |
| Battery isolating switch .....      | 4.1.5 |
| Wheel chock .....                   |       |
| (Not for all countries) .....       | 4.1.5 |
| Safety decals with pictorials ..... | 4.2.1 |

**5. Specifications**

|                                               |       |
|-----------------------------------------------|-------|
| Conversion factors .....                      | 5.1.1 |
| CLAAS DOMINATOR 208 MEGA .....                | 5.2.1 |
| CLAAS DOMINATOR 204 MEGA .....                | 5.3.1 |
| Safety features .....                         | 5.4.1 |
| Front attachments – weights, dimensions ..... | 5.5.1 |
| Sectional view of combine .....               | 5.6.1 |
| Description and function of the combine ..... | 5.6.2 |
| Cutterbar .....                               | 5.6.2 |
| Threshing mechanism .....                     | 5.6.3 |
| Straw walkers .....                           | 5.6.3 |
| Cleaning .....                                | 5.6.3 |
| Disawning .....                               | 5.6.3 |
| Basic rules for combining .....               | 5.6.4 |

**6. Prior to operation**

|                                                        |       |
|--------------------------------------------------------|-------|
| Before initial operation .....                         | 6.1.1 |
| Operator's platform .....                              | 6.2.1 |
| Cab .....                                              | 6.2.2 |
| Cab with ventilating system .....                      | 6.2.3 |
| Cab with fan and compressor-type air conditioner ..... | 6.2.3 |
| Cab with ventilating system and heating .....          | 6.2.5 |
| Reheat System .....                                    |       |
| (fogged windows) .....                                 | 6.2.5 |

|                                                         |        |
|---------------------------------------------------------|--------|
| Problem, cause and / or remedy – .....                  |        |
| Compressor-type air conditioner .....                   | 6.2.6  |
| Opening and closing the cabin roof .....                | 6.2.8  |
| Opening the cabin roof .....                            | 6.2.8  |
| Closing the cabin roof .....                            | 6.2.8  |
| Steering column .....                                   | 6.2.9  |
| Ignition switch .....                                   | 6.2.9  |
| Vehicle information unit .....                          | 6.2.10 |
| Function of vehicle information unit .....              | 6.2.11 |
| Operations display screen .....                         | 6.2.12 |
| Function of operations display .....                    | 6.2.13 |
| Switch console .....                                    | 6.2.14 |
| Multi-function lever .....                              | 6.2.15 |
| Central terminal compartment .....                      | 6.2.15 |
| Plug-in type module (P) CLAAS Autopilot .....           | 6.2.16 |
| Grain tank discharge tube – swinging out and in .....   | 6.2.17 |
| Grain tank discharge engagement .....                   |        |
| and disengagement .....                                 | 6.2.18 |
| Threshing mechanism engagement / .....                  |        |
| disengagement .....                                     | 6.2.18 |
| Engaging and disengaging the cutterbar drive .....      | 6.2.19 |
| Positioning the cutterbar / maize picker head .....     |        |
| for road travel .....                                   | 6.2.19 |
| Adjusting the threshing drum speed .....                | 6.2.20 |
| Adjusting the steering column position .....            | 6.2.20 |
| Driver's seat, mechanical .....                         | 6.2.21 |
| Weight adjustment .....                                 | 6.2.21 |
| Height adjustment .....                                 | 6.2.21 |
| Seat angle adjustment .....                             | 6.2.22 |
| Seat depth adjustment .....                             | 6.2.22 |
| Lumbar support .....                                    | 6.2.22 |
| Armrest angle .....                                     | 6.2.22 |
| Adjusting the driver's seat horizontally .....          | 6.2.22 |
| Access ladders .....                                    | 6.2.23 |
| Front ladder .....                                      | 6.2.23 |
| Access and ladder extension .....                       | 6.2.24 |
| Rear ladder .....                                       | 6.2.28 |
| Driving the combine .....                               | 6.3.1  |
| Engine speed turn switch .....                          | 6.3.1  |
| Starting the engine .....                               | 6.3.2  |
| Adjusting stiffness of ground speed control lever ..... | 6.3.3  |
| Gear ranges .....                                       | 6.3.3  |
| Stopping the combine .....                              | 6.3.4  |
| Driving behaviour .....                                 | 6.3.4  |
| Steering .....                                          | 6.3.4  |
| Brakes .....                                            | 6.3.5  |
| Foot brake .....                                        | 6.3.5  |
| Handbrake .....                                         | 6.3.5  |
| Stopping the engine .....                               | 6.3.6  |
| CLAAS Autopilot .....                                   | 6.3.6  |
| Rear axle .....                                         | 6.4.1  |
| Setting the adjustable rear axle .....                  | 6.4.1  |
| Changing the rear axle from transport position .....    |        |
| to working position .....                               | 6.4.2  |
| CLAAS-4-Trac-System .....                               | 6.4.3  |
| Towing a combine with driven rear axle .....            | 6.4.3  |

|                                                   |        |                                                          |        |
|---------------------------------------------------|--------|----------------------------------------------------------|--------|
| Cutterbar cylinders .....                         | 6.5.1  | CLAAS Auto Contour                                       |        |
| Hydraulic cylinders .....                         | 6.5.1  | Automatic cutting height control                         |        |
| Attaching the cutterbar hydraulic cylinders ..... | 6.5.1  | and lateral levelling system .....                       | 8.1.3  |
| Attaching the right-hand cutterbar cylinder ..... | 6.5.1  | Cutterbar automatic pre-set height                       |        |
| Attaching a third cutterbar cylinder .....        | 6.5.2  | (machines with Auto Contour) .....                       | 8.1.5  |
| Towing and side walk railing .....                | 6.6.1  | Adjusting the cutterbar floatation springs .....         | 8.1.6  |
| Towing the combine .....                          | 6.6.1  | Checking the cutterbar floatation springs                |        |
| Forward .....                                     | 6.6.1  | and checking the feeder house suspension                 |        |
| Backward .....                                    | 6.6.1  | for smooth movement .....                                | 8.1.6  |
| Side walk railing .....                           | 6.6.2  | Setting the cutting height indicator .....               | 8.1.7  |
| Tilting the side walk railing .....               | 6.6.2  | Cutterbar spring pressure indicator .....                | 8.1.7  |
| Cab and lighting .....                            | 6.7.1  | Adjusting the cutterbar drop rate .....                  | 8.1.8  |
| Cab .....                                         | 6.7.1  | Putting the CLAAS Auto Contour System                    |        |
| Driving lights, worklights and mirrors .....      | 6.7.1  | into operation .....                                     | 8.1.9  |
| <b>7. Operation – cutterbar</b>                   |        | Operation with maize picker head .....                   | 8.1.10 |
| Attaching the cutterbar .....                     | 7.1.1  | Programming the CLAAS Auto Contour System .....          | 8.1.10 |
| Adjusting the strippers                           |        | Setting chart for automatic cutting height control ..... | 8.1.11 |
| DOMINATOR MEGA 204 .....                          | 7.1.1  | Putting the cutterbar automatic pre-set                  |        |
| Machine with CLAAS Auto Contour .....             | 7.1.1  | height system into operation                             |        |
| Levelling the coupling lug cylinders .....        | 7.1.3  | (machines with Auto Contour) .....                       | 8.1.12 |
| Machine without Auto Contour .....                | 7.1.3  | CLAAS Contour System                                     |        |
| Levelling the cutterbar .....                     | 7.1.4  | (ground pressure control) .....                          | 8.1.13 |
| Connecting the universal drive shafts             |        | Setting the cutterbar ground pressure .....              | 8.1.14 |
| DOMINATOR 208 MEGA .....                          | 7.1.5  | Putting the CLAAS Contour System into operation .....    | 8.1.14 |
| Connecting the universal drive shafts             |        | CLAAS cutterbar pre-set height .....                     | 8.1.16 |
| DOMINATOR 204 MEGA .....                          | 7.1.5  | Putting the cutterbar pre-set height system              |        |
| Connecting hydraulic hoses .....                  | 7.1.6  | into operation .....                                     | 8.1.16 |
| Connecting the cables .....                       | 7.1.6  | Cutterbar adjusting range .....                          | 8.1.16 |
| Installing the stands .....                       | 7.1.7  | Clearance height .....                                   | 8.1.17 |
| Adjustments at the cutterbar .....                | 7.2.1  | Cutterbar adjusting range without Auto Contour .....     | 8.1.17 |
| Dividers .....                                    | 7.2.1  | Clearance height to underside of cutterbar skid .....    | 8.1.17 |
| Grain lifters .....                               | 7.2.2  | Cutterbar clutch .....                                   | 8.1.18 |
| Knife .....                                       | 7.2.3  | Engaging and disengaging the cutterbar .....             | 8.1.18 |
| Removing the knife .....                          | 7.2.3  | Threshing mechanism .....                                | 8.2.1  |
| Installing the knife .....                        | 7.2.3  | Stone trap .....                                         | 8.2.1  |
| Adjusting the height of the knife head .....      | 7.2.4  | Engaging and disengaging the threshing mechanism .....   | 8.2.1  |
| Adjusting the knife clips .....                   | 7.2.4  | Concave adjustment .....                                 | 8.2.2  |
| Spare knife .....                                 | 7.2.4  | Concave settings .....                                   | 8.2.3  |
| Cutterbar skids .....                             | 7.2.5  | Threshing drum .....                                     | 8.2.4  |
| Reel .....                                        | 7.2.5  | Cleaning dirty threshing parts .....                     | 8.2.4  |
| Reel tines .....                                  | 7.2.6  | Threshing drum speed .....                               | 8.2.5  |
| Reel drive .....                                  | 7.2.6  | Adjusting the threshing drum speed .....                 | 8.2.6  |
| Fore and aft reel adjustment                      |        | Threshing drum speed display .....                       | 8.2.6  |
| (mechanical) .....                                | 7.2.7  | Threshing drum two-step variable speed drive .....       | 8.2.6  |
| Fore and aft reel adjustment                      |        | Preconcave .....                                         | 8.2.7  |
| (hydraulic) .....                                 | 7.2.7  | Disawning .....                                          | 8.2.8  |
| Reel variable speed drive .....                   | 7.2.8  | Threshing segment .....                                  | 8.2.9  |
| Main table auger .....                            | 7.2.8  | Unslugging the threshing drum .....                      | 8.2.10 |
| Adjust clearance to cutterbar trough .....        | 7.2.8  | Impeller .....                                           | 8.2.11 |
| Adjusting position of auger fingers .....         | 7.2.9  | Deflector curtain .....                                  | 8.2.11 |
| Adjusting the stripper plates .....               | 7.2.9  | Straw walkers and cleaning .....                         | 8.3.1  |
| Replacing knife sections in the field .....       | 7.2.10 | Straw walkers .....                                      | 8.3.1  |
| <b>8. Operation – basic machine</b>               |        | Intensive separation system .....                        | 8.3.1  |
| Feeder housing .....                              | 8.1.1  | Cleaning the straw walkers .....                         | 8.3.2  |
| Chains .....                                      | 8.1.1  | Straw walker risers .....                                | 8.3.2  |
| Cutterbar reverse drive .....                     | 8.1.2  | Warning signal .....                                     | 8.3.4  |
|                                                   |        | Sieve pan .....                                          | 8.3.4  |
|                                                   |        | Preparation floor .....                                  | 8.3.5  |

|                                                      |        |                                                           |       |
|------------------------------------------------------|--------|-----------------------------------------------------------|-------|
| Cleaning fan .....                                   | 8.3.5  | <b>9. Maintenance – basic machine, cutterbar</b>          |       |
| Electrical fan speed adjustment .....                | 8.3.6  | Important maintenance instructions .....                  | 9.1.1 |
| Fan speed display .....                              | 8.3.6  | Important maintenance instructions and safety rules ..... | 9.1.1 |
| Ventilated straw walker step .....                   | 8.3.7  | Maintenance schedules and lubricants charts .....         | 9.2.1 |
| Adjusting the butterfly valve .....                  | 8.3.7  | Maintenance schedules .....                               | 9.2.1 |
| Adjusting the wind board .....                       | 8.3.7  | Lubricants charts .....                                   | 9.2.4 |
| Sieves .....                                         | 8.3.8  | Hydraulic system .....                                    | 9.3.1 |
| Adjusting the frogmouth sieves .....                 | 8.3.8  | Hydraulic accumulators .....                              | 9.3.1 |
| Hillside riser plates                                |        | Checking the oil level                                    |       |
| (machines without 3-D cleaning system) .....         | 8.3.8  | (Hydrostatic ground speed drive                           |       |
| Lower sieves .....                                   | 8.3.8  | and working hydraulics) .....                             | 9.3.2 |
| Removing upper sieves .....                          | 8.3.9  | Changing hydraulic oil                                    |       |
| Installing upper sieves .....                        | 8.3.9  | (Hydrostatic ground speed drive                           |       |
| Removing lower sieves .....                          | 8.3.9  | and working hydraulics)                                   |       |
| Installing lower sieves .....                        | 8.3.9  | Linde HPV 75 and HMF 105 .....                            | 9.3.2 |
| Tightening torques of the axial bolts                |        | Changing the hydraulic oil filter .....                   | 9.3.3 |
| for the upper and lower sieves .....                 | 8.3.9  | Refilling the system after hydraulic oil change .....     | 9.3.4 |
| Dynamic sidehill levelling                           |        | Hydrostatic pump adjustment .....                         | 9.3.4 |
| (3-D cleaning system) .....                          | 8.3.10 | Bleeding the reel cylinders .....                         | 9.3.5 |
| Returns .....                                        | 8.3.10 | Bleeding the hydraulic cylinders                          |       |
| Combine performance monitor .....                    | 8.3.12 | for cutterbar lateral levelling                           |       |
| Adjusting monitor to crop type .....                 | 8.3.13 | (Machines with Auto Contour System) .....                 | 9.3.6 |
| Adjusting sensitivity of sensors .....               | 8.3.13 | Foot brake / brake fluid .....                            | 9.3.7 |
| Grain delivery .....                                 | 8.4.1  | Transmission and gearboxes .....                          | 9.4.1 |
| Augers and auger troughs .....                       | 8.4.1  | Gear shift control adjustment .....                       | 9.4.1 |
| Elevators .....                                      | 8.4.1  | Change-speed transmission gearbox .....                   | 9.4.1 |
| Grain tank .....                                     | 8.4.2  | Checking oil level .....                                  | 9.4.1 |
| Grain tank covers .....                              | 8.4.2  | Oil change .....                                          | 9.4.1 |
| Unloading the tank .....                             | 8.4.3  | Final drives                                              |       |
| Rear ladder with safety switch .....                 | 8.4.4  | DOMINATOR 208 MEGA .....                                  | 9.4.2 |
| Grain tank discharge auger .....                     | 8.4.4  | Checking oil level .....                                  | 9.4.2 |
| Grain tank discharge – engage and disengage .....    | 8.4.5  | Oil change .....                                          | 9.4.2 |
| Clean-out door on grain tank discharge tube .....    | 8.4.6  | Final drives                                              |       |
| Drive to grain tank discharge augers .....           | 8.4.6  | DOMINATOR 204 MEGA .....                                  | 9.4.2 |
| Shear bolt – grain tank discharge .....              | 8.4.7  | Checking oil level .....                                  | 9.4.2 |
| Lateral auger drive .....                            | 8.4.7  | Oil change .....                                          | 9.4.2 |
| Grain tank fill indicator .....                      | 8.4.8  | Rear wheel drive planetary gears                          |       |
| Acoustic grain tank fill indicator .....             | 8.4.8  | CLAAS 4-Trac System .....                                 | 9.4.3 |
| Straw chopper / Chaff spreader .....                 | 8.5.1  | Check oil level .....                                     | 9.4.3 |
| Straw chopper .....                                  | 8.5.1  | Oil change .....                                          | 9.4.3 |
| Before using the straw chopper, check .....          | 8.5.1  | Knife drive casing .....                                  | 9.4.3 |
| Putting the straw chopper into operation .....       | 8.5.2  | Checking the oil level / oil change .....                 | 9.4.3 |
| Adjusting spreading width .....                      | 8.5.3  | Threshing drum reduction gearbox .....                    | 9.4.4 |
| Electric deflector adjustment .....                  | 8.5.3  | Checking oil level .....                                  | 9.4.4 |
| Adjusting the deflectors .....                       | 8.5.3  | Oil change .....                                          | 9.4.4 |
| Adjusting the length of cut .....                    | 8.5.4  | Grain tank .....                                          | 9.4.4 |
| Adjusting cross knife .....                          | 8.5.4  | Angle drive on grain tank discharge auger .....           | 9.4.4 |
| Putting the straw chopper out of operation           |        | Angle drive on grain tank                                 |       |
| and changing over to windrowing straw .....          | 8.5.5  | (DOMINATOR 208 MEGA) .....                                | 9.4.4 |
| Hitching the cutterbar trailer to the combine .....  | 8.5.6  | Feeder housing .....                                      | 9.5.1 |
| Chaff spreader .....                                 | 8.5.6  | Tension feeder chains .....                               | 9.5.1 |
| Setting the chaff spreader .....                     | 8.5.6  | Elevator chains .....                                     | 9.6.1 |
| Sieve chart and suggested combine adjustments .....  | 8.6.1  | Tension grain elevator chain .....                        | 9.6.1 |
| Sieve chart .....                                    | 8.6.1  | Tension returns elevator chain .....                      | 9.6.2 |
| Suggested combine adjustments .....                  | 8.6.2  | Drive belts / drive chains – basic machine .....          | 9.7.1 |
| Disawner plates .....                                | 8.6.8  | General notes .....                                       | 9.7.1 |
| Threshing segment .....                              | 8.6.8  | Drive diagram left .....                                  | 9.7.2 |
| Problem, cause and / or remedy – Basic machine ..... | 8.7.1  | Drive diagram right .....                                 | 9.7.3 |

|                                                                                                    |        |                                                                             |        |
|----------------------------------------------------------------------------------------------------|--------|-----------------------------------------------------------------------------|--------|
| Drive belts / drive chains .....                                                                   | 9.7.4  | Checking refrigerant level .....                                            | 9.9.2  |
| Removing cutterbar drive belt (1) .....                                                            | 9.7.4  | Replacing the filter receiver drier .....                                   | 9.9.2  |
| Fitting and tensioning cutterbar drive belt (1) .....                                              | 9.7.5  | Required refrigerant quantity – Refrigerant R 134 a .....                   | 9.9.2  |
| Tensioning compressor drive belt (2) .....                                                         | 9.7.6  | Maintenance work before the harvest .....                                   | 9.9.3  |
| Tensioning hydrostatic ground drive belt (3) .....                                                 | 9.7.7  | Fire extinguisher .....                                                     | 9.10.1 |
| Tensioning working hydraulics pump drive belt (4) .....                                            | 9.7.8  | Have fire extinguisher checked<br>for serviceable condition .....           | 9.10.1 |
| Removing and installing the power band belt (3) .....                                              | 9.7.9  | Speeds .....                                                                | 9.11.1 |
| Threshing mechanism drive belt (5) .....                                                           | 9.7.10 | Checking the speed of the straw walker shaft .....                          | 9.11.1 |
| Removing and installing the threshing mechanism<br>drive belt (5) .....                            | 9.7.11 | Setting the magnetic pick-ups .....                                         | 9.11.1 |
| Grain tank unloading drive belt (6) .....                                                          | 9.7.13 | Machines equipped with fieldwork computer .....                             | 9.11.1 |
| Removing and installing the sieve pan drive belt (7) .....                                         | 9.7.14 | Straw chopper .....                                                         | 9.12.1 |
| Removing and fitting fan variable-speed belt (8) .....                                             | 9.7.15 | Changing the free-swinging knives .....                                     | 9.12.1 |
| Removing and installing the sieve pan drive belt (9) .....                                         | 9.7.16 | Removing knives .....                                                       | 9.12.1 |
| Removing and installing the sieve pan<br>drive belt (10) .....                                     | 9.7.16 | Installing knives .....                                                     | 9.12.2 |
| Removing and installing the straw walker<br>drive belt (11) .....                                  | 9.7.17 | Changing the fixed stationary knives .....                                  | 9.12.2 |
| Removing and installing the intensive<br>separation system drive belt (12) .....                   | 9.7.17 | Winter storage instructions for combines .....                              | 9.13.1 |
| Removing and installing the chaff spreader<br>drive belt (15) .....                                | 9.7.18 | <b>10. Maintenance – engine</b>                                             |        |
| Chaff spreader drive belt (16) .....                                                               | 9.7.18 | Important maintenance instructions .....                                    | 10.1.1 |
| Straw chopper intermediate drive belt (21) .....                                                   | 9.7.19 | Important maintenance instructions<br>and safety rules .....                | 10.1.1 |
| Tensioning suction blower drive belt (22) .....                                                    | 9.7.22 | Maintenance schedules and lubricants charts .....                           | 10.2.1 |
| Removing and fitting threshing drum<br>variable speed drive belt (23) .....                        | 9.7.22 | Maintenance schedule .....                                                  | 10.2.1 |
| Removing and fitting the threshing drum<br>drive belt (24) .....                                   | 9.7.24 | Lubricants chart .....                                                      | 10.2.2 |
| Tensioning radiator screen intermediate<br>drive belt (27) .....                                   | 9.7.25 | Maintenance – engine .....                                                  | 10.3.1 |
| Tensioning the grain tank unloading<br>intermediate drive chain (31)<br>(DOMINATOR 208 MEGA) ..... | 9.7.25 | Engine overview .....                                                       | 10.3.1 |
| Tensioning the grain tank unloading<br>intermediate drive chain (32)<br>(DOMINATOR 208 MEGA) ..... | 9.7.25 | Fuel feed system .....                                                      | 10.3.1 |
| Tensioning the grain tank unloading<br>intermediate drive chain (31)<br>(DOMINATOR 204 MEGA) ..... | 9.7.26 | Fuel tank .....                                                             | 10.3.2 |
| Tensioning returns drive chain (33) .....                                                          | 9.7.26 | Fuel shut-off tap .....                                                     | 10.3.2 |
| Removing and installing the accelerator<br>drive belt (17) .....                                   | 9.7.27 | Water separator / fuel prefilter<br>(extra equipment – small version) ..... | 10.3.3 |
| Straw chopper drive belt (20) .....                                                                | 9.7.29 | Fuel prefilter .....                                                        | 10.3.3 |
| Drive belts / drive chains – cutterbar .....                                                       | 9.8.1  | Water separator / fuel prefilter<br>(extra equipment – large version) ..... | 10.3.4 |
| General notes .....                                                                                | 9.8.1  | Fuel filter .....                                                           | 10.3.5 |
| Drive diagram cutterbar .....                                                                      | 9.8.2  | Bleeding the fuel system .....                                              | 10.3.5 |
| Tensioning knife drive belt (40) .....                                                             | 9.8.3  | Checking engine oil level .....                                             | 10.3.5 |
| Tensioning main table auger drive chain (41) .....                                                 | 9.8.3  | Engine oil change .....                                                     | 10.3.6 |
| Tensioning reel drive chain (42) .....                                                             | 9.8.4  | Draining the old oil .....                                                  | 10.3.6 |
| Removing and fitting reel drive belt (43) .....                                                    | 9.8.4  | Oil filter .....                                                            | 10.3.7 |
| Tensioning reel drive chain (44) .....                                                             | 9.8.6  | Filling in engine oil .....                                                 | 10.3.7 |
| Tensioning reel drive chain (45) .....                                                             | 9.8.6  | Tensioning the alternator belt .....                                        | 10.3.7 |
| Cab / Compressor-type air conditioner .....                                                        | 9.9.1  | Cooling system .....                                                        | 10.4.1 |
| Cab .....                                                                                          | 9.9.1  | Coolant .....                                                               | 10.4.1 |
| Cleaning the filters .....                                                                         | 9.9.1  | Water drain plugs on the engine block .....                                 | 10.4.1 |
| Compressor-type air conditioner .....                                                              | 9.9.1  | Water cooler .....                                                          | 10.4.1 |
| Cleaning the condenser .....                                                                       | 9.9.1  | Filling the cooling system with coolant .....                               | 10.4.2 |
|                                                                                                    |        | Overpressure .....                                                          | 10.4.2 |
|                                                                                                    |        | Antifreeze / corrosion protection .....                                     | 10.4.2 |
|                                                                                                    |        | Warning notice .....                                                        | 10.4.3 |
|                                                                                                    |        | Cooling water temperature .....                                             | 10.4.3 |
|                                                                                                    |        | Radiator chaff screen .....                                                 | 10.4.3 |
|                                                                                                    |        | Cleaning the radiator chaff screen .....                                    | 10.4.3 |
|                                                                                                    |        | Folding up radiator chaff screen .....                                      | 10.4.3 |
|                                                                                                    |        | Swinging up the oil cooler .....                                            | 10.4.4 |
|                                                                                                    |        | Clean water cooler and intercooler .....                                    | 10.4.5 |
|                                                                                                    |        | Dry-type air cleaner .....                                                  | 10.5.1 |
|                                                                                                    |        | Warning device .....                                                        | 10.5.1 |

---

|                                                                     |        |
|---------------------------------------------------------------------|--------|
| Cleaning the air cleaner intake screen .....                        | 10.5.1 |
| Cleaning the air cleaner .....                                      | 10.5.1 |
| Cleaning the dry-type air cleaner<br>with dust extractor unit ..... | 10.5.2 |
| Removing the main filter cartridge .....                            | 10.5.3 |
| Installing the main filter cartridge .....                          | 10.5.4 |
| Safety cartridge .....                                              | 10.5.4 |
| Electrical equipment .....                                          | 10.6.1 |
| Battery .....                                                       | 10.6.1 |
| Alternator .....                                                    | 10.6.2 |
| Engine problems, cause and / or remedy .....                        | 10.7.1 |
| Engine winter storage .....                                         | 10.8.1 |
| Engine preservation .....                                           | 10.8.1 |

## **11. Lubrication chart**

|                                               |        |
|-----------------------------------------------|--------|
| Lubricants and lubrication instructions ..... | 11.1.1 |
|-----------------------------------------------|--------|

## **12. Index**

|             |        |
|-------------|--------|
| Index ..... | 12.1.1 |
|-------------|--------|



# **3**

## ***General information***



## ROAD TRAFFIC REGULATIONS

**IMPORTANT:** Road traffic regulations may vary between countries. In case of discrepancies between the instructions provided by the manufacturer and the traffic regulations of the relevant countries, the traffic regulations of the countries concerned apply.

In addition to his driving licence, the operator must always carry the copy of the vehicle type approval registration issued by the Kraftfahrt-Bundesamt (the Federal Motor Vehicle Executive). A warning triangle and, on machines over 4 t permissible total weight, at least one wheel chock must always be carried on the combine.

When driving on public roads with the combine, comply with all the requirements stated under letter C in the copy of the vehicle type approval registration (§ 18 Section 5 StVZO) issued by the Kraftfahrt-Bundesamt (the Federal Motor Vehicle Executive).

On machines with exceptional width (width over the tyres), a vehicle type approval registration for individual vehicles (single expert opinion) and an special approval in accordance with § 70, Section 1, clauses 1 and 2 of the StVZO must be carried instead of the machine's General Operating Permit. Furthermore, all the requirements stated in the vehicle type approval registration for individual vehicles and in the special approval must be observed. The issue of a special approval differs from country to country. The excess width must be marked in accordance with the regulations for the marking of road vehicles with excess width (two marker boards at the front and back, protective bar, two amber flashing warning beacons).

If any part(s) of the combine is/are subsequently modified whose condition is/are prescribed or the operation of which (after being modified) could represent a hazard to other road users, then the vehicle type approval registration shall no longer be valid and application must be made for a new vehicle type approval registration. In this case the machine must be presented to the motor vehicle safety inspection authority responsible (TÜV) in order to obtain an expert opinion certificate (§ 19 section 2 STVZO).

If you are in any doubt as to whether this situation applies in your case, please contact us as manufacturers.

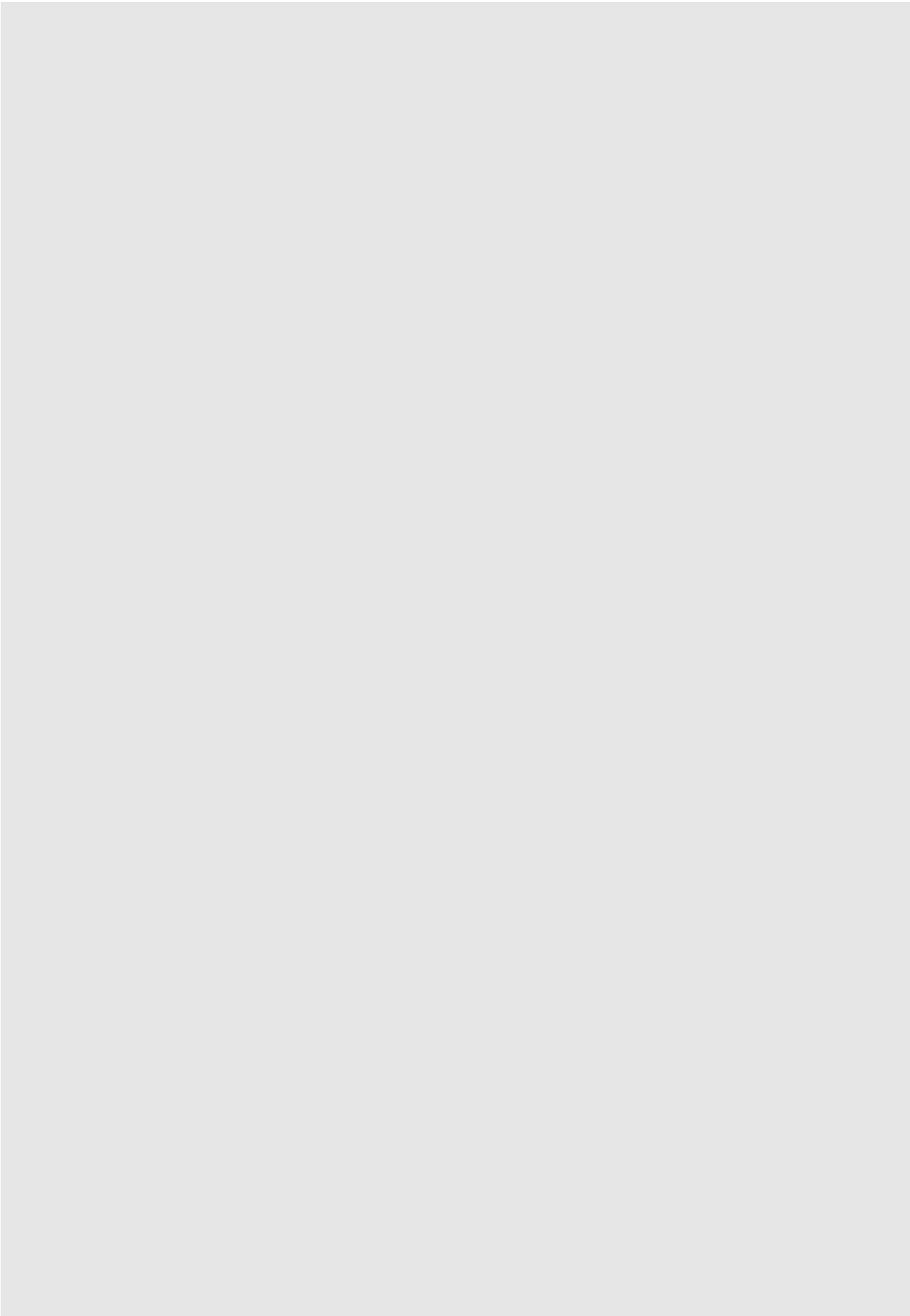
If a transport vehicle for front end attachments is towed behind the combine then the cable for the lighting system must be connected and the good condition of the lighting system assured.

If the combine is equipped with a maize picker head or folding cutterbar, the regulations and requirements of the machine's General Operating Permit must be observed, in particular the requirements concerning ballast weights and tyres.

### Registration

As a self-propelled working machine with a maximum speed of up to 20 km/h, the combine is not subject to the normal registration regulations and is not required to bear a registration plate. The machine must, however, be clearly and indelibly marked on the left-hand side with the Christian name and surname of the owner and his address.

The towing of trailers in the trailer hitch when driving on public roads is not permitted.



**IMPORTANT**

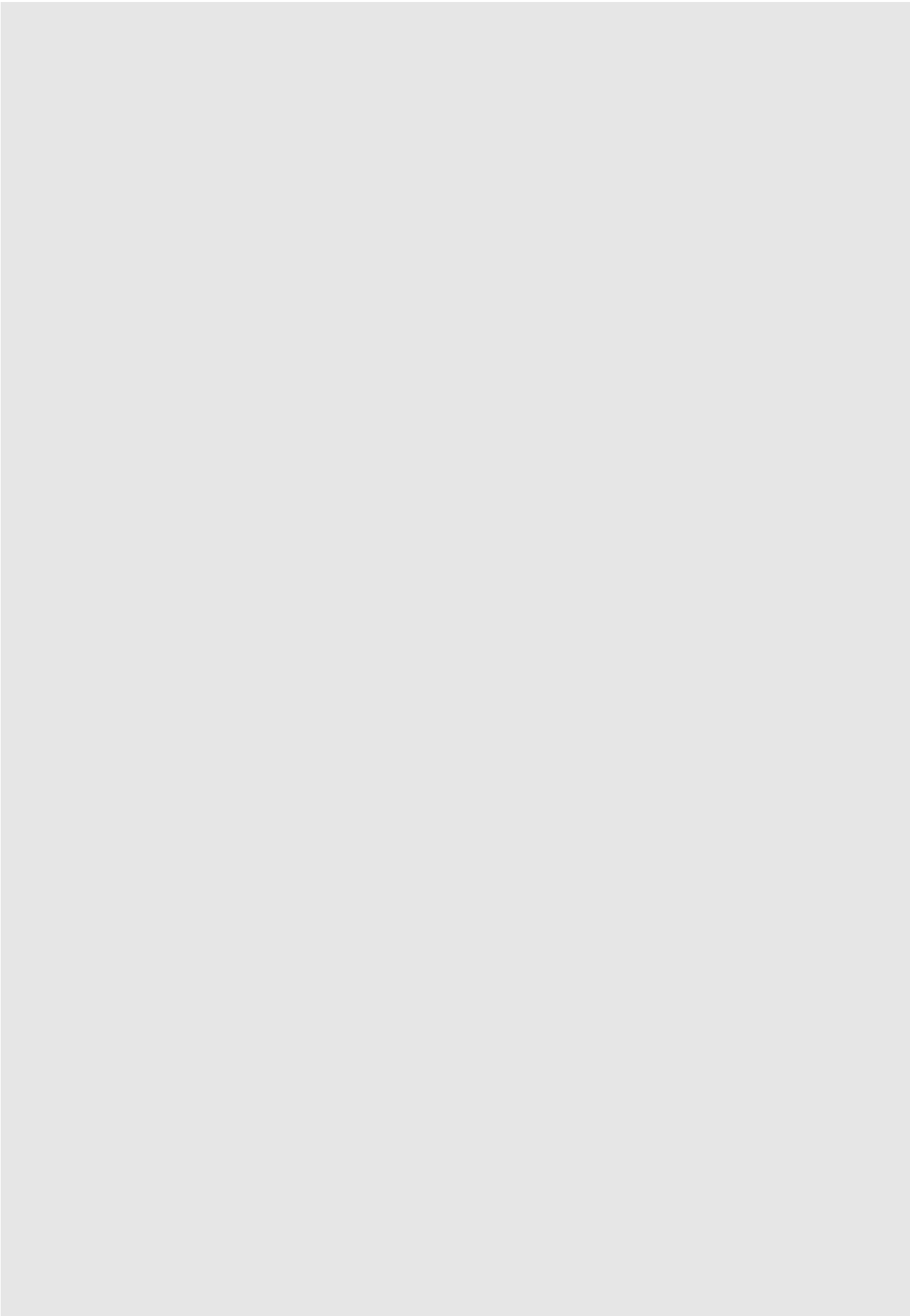
The instructions contained in this manual should be carefully read and observed by all persons who are concerned with the operation, maintenance and inspection of this machine, in order to prevent accidents. Especially the «SAFETY RULES» in this manual should be read with the utmost care and adhered to.

The use of spare parts, accessories and ancillary equipment, which are not originally manufactured by CLAAS, can change the specified design characteristics of this CLAAS machine or can detract from its functional performance, with a possible adverse affect on the active and / or passive operational safety of the machine and its occupational safety standards (accident prevention).

CLAAS are in no way liable for any damage or personal injury caused through the use of other than original or approved CLAAS parts, accessories and ancillary equipment.

Technical data, dimensions and weights are given as an indication only. CLAAS reserve the right to make changes subsequently as technical developments continue. Responsibility for errors or omissions not accepted.

**IMPORTANT:** Front, rear, right and left refer to the direction of forward travel.



The diagram shows a rectangular identification plate with the following fields and labels:

- Top Row:** Labels B, C, D, E, F, G above the top row of fields.
- Left Side:** Label A points to the first field in the second column.
- Fields:**
  - Column 1: Typ:, Ident.Nr., Bereifungen vorn u. hinten, three empty boxes.
  - Column 2: Zul.Ges. Gewicht, one empty box.
  - Column 3: zul.Achslast vorn, one empty box.
  - Column 4: zul.Achslast u. hinten, one empty box.
  - Column 5: Bauj. kw, one empty box.
  - Column 6: one empty box.
- Bottom Section:**
  - Poids total autorise en charge
  - RECEPTION des MINES
  - CHARTRES le [empty box]
  - CLAAS Selbstfahrende Erntemaschinen GmbH
  - 33428 Harsewinkel, Made in Germany
- Other Labels:**
  - H points to the right side of the plate.
  - J points to a small box in the middle.
  - I points to a box containing "24 R - 03".

50762

**IDENTIFICATION PLATE / SERIAL NUMBER**

- A = Optional equipment
- B = Authorized gross weight
- C = Type
- D = Identification no. (serial number of machine)
- E = Authorized front axle load
- F = Year of manufacture
- G = Rated performance of combine (KW)
- H = Authorized rear axle load
- I = Approval no. according to ECE-R 24
- J = Absorption coefficient according to ECE-R 24

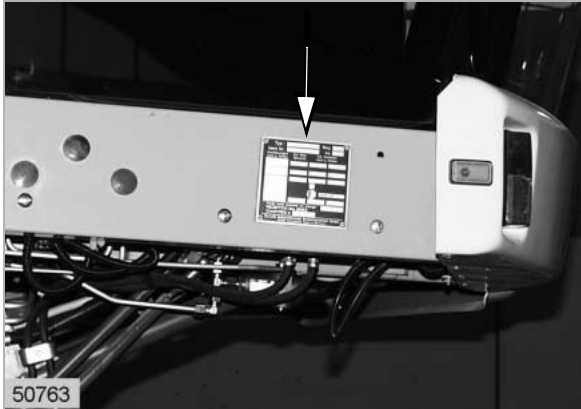
(Fig. 1)

When ordering spare parts and requesting technical information concerning the engine, mounted implements, the cutterbar or maize picker head, always specify the respective serial numbers. This is necessary to prevent incorrect spare parts deliveries.

### Identification plate

The identification plate of the machine is located on the right-hand side on the operator's platform.

(Fig. 2)

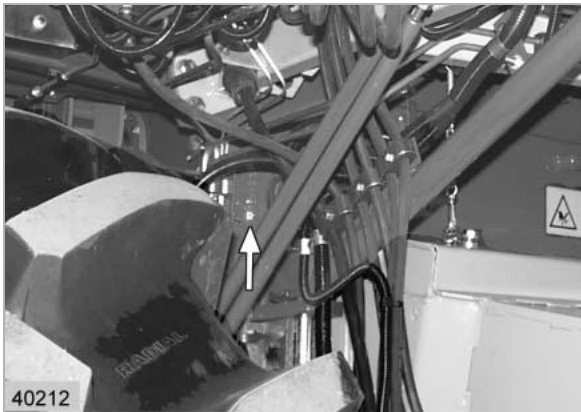


2

### Combine serial number

The combine serial number is stamped on the engine frame underneath the operator's platform on the right-hand side of the machine.

(Fig. 3)



3

### Engine serial number

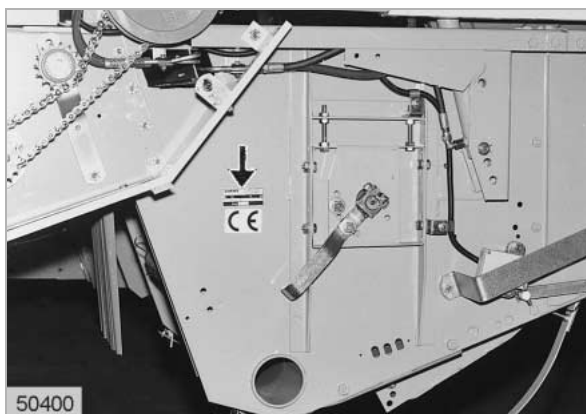
MERCEDES OM 906 LA

The engine serial number is located next to the fuel filter.

(Fig. 4)



4

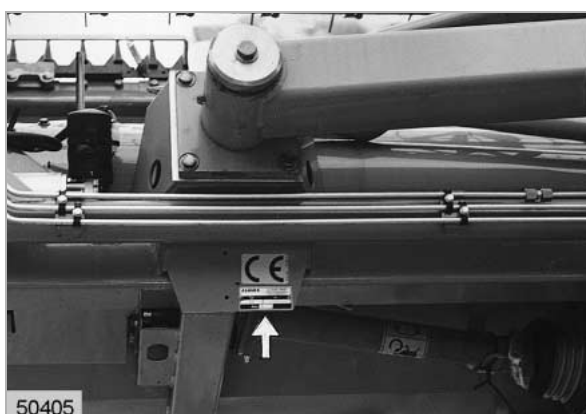


5

### Cutterbar identification plate

The identification plate showing the serial number of the cutterbar is attached on the right-hand end.

(Fig. 5)

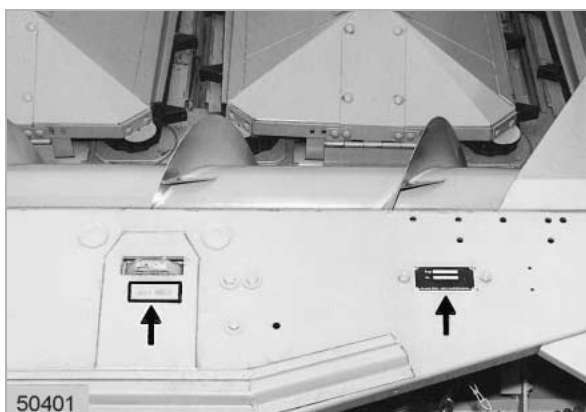


6

### Identification plate of folding cutterbar

The identification plate showing the serial number of the folding cutterbar is attached on the left-hand side of the cutterbar back panel.

(Fig. 6)



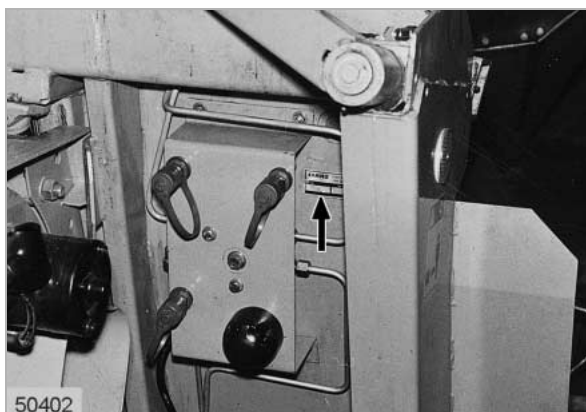
7

### Maize picker head serial number

The serial number of the maize picker head is stamped on the picker cross plate behind the right-hand coupling hole.

The identification plate with the picker number is attached to the right-hand end of the picker cross plate.

(Fig. 7)

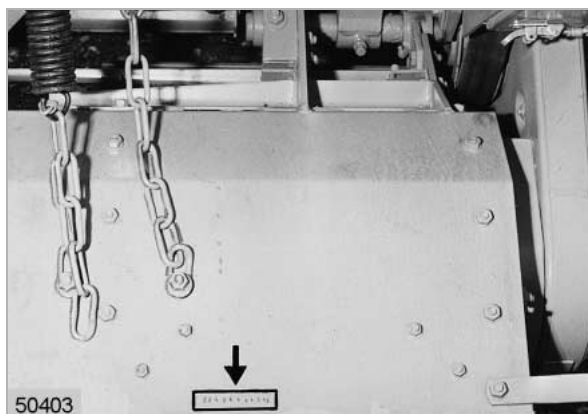


8

### Multimaster

The identification plate with the picker head number is attached on the right-hand end of the header's back plate.

(Fig. 8)



9

**Serial number of maize head stalk chopper**

The serial number of the stalk chopper is stamped on the back of the chopper plate towards the right.

(Fig. 9)



10

**Straw chopper**

The chopper serial number is stamped on the left-hand chopper side plate.

(Fig. 10)



11

**Cab serial number**

The cab serial number is located at the top on the left-hand side.

(Fig. 11)

# **4**

## ***Safety rules***



## SAFETY RULES

Before putting the machine into operation, read the operator's manual and follow the safety precautions!

### Identification of warning and danger signs

All parts of this manual having to do with your safety or the safe operation of the machine are marked with the following signs. Please pass all safety instructions on to other users, too.



#### DANGER!

Sign to indicate instructions which must be observed. Failure to do so would cause danger to life and limb to the operator and the people around him.

☞ Preventive measures



#### ATTENTION!

Sign to indicate instructions which must be observed. Failure to do so could result in damage to the machine.

☞ Measures to prevent damage to the machine.



#### NOTE!

Sign to indicate instructions for a more effective and economic use of the machine.



#### ENVIRONMENT!

Sign to indicate instructions which must be observed in order to avoid damage to the environment.

Danger to the environment is caused by irregular handling and incorrect disposal of toxic material (e.g. old oil).

The warning and instruction signs placed on the combine provide recommendations for safe operation. These instructions involve your safety – observe them at all times!

### Correct use of combine

This self-propelled combine is designed solely for use in customary agricultural operations (intended use).

Use in any other way is considered as contrary to the intended use. The manufacturer accepts no liability for any damage or injury resulting from this misuse and these risks must be born solely by the user.

Compliance and strict adherence to the conditions of operation, service and repair as specified by the manufacturer also constitute essential elements for the intended use.

This combine should be operated, serviced and repaired only by persons familiar with all its particular characteristics and acquainted with the relevant safety rules (accident prevention).

The accident prevention regulations, all other generally recognised regulations on safety and occupational medicine and the road traffic regulations must be observed at all times.

Fitting and retrofitting of ancillary equipment which is not originally manufactured by CLAAS, and, in addition, also modifications and changes must only be carried out with the consent of CLAAS, as any such actions may have adverse affects on the safety and operational function of the machine.

Any arbitrary modifications carried out on the combine will relieve the manufacturer of all liability for any resulting damage or injury.

### General safety and accident prevention regulations

1. In addition to the instructions contained in this operator's manual, also observe the general safety and accident preventive regulations.
2. Always comply with local traffic regulations when driving on public roads.
3. Before starting work, familiarize yourself with all the controls and instruments and their functions. During work or road travel it is too late.
4. Before starting the engine ensure that the transmission is in neutral and that all guards are installed and in their correct position.
5. Start the engine only from the operator's seat. Never attempt to start the engine by shortening across the starting motor terminals as the machine may immediately start to move!
6. Before moving away, always check the immediate vicinity of the machine (e.g. for children). Ensure adequate visibility – for a warning, always blow the horn before starting up!

7. Never run the engine in a closed building!
8. Clothing worn by the operator must be close-fitting! Avoid wearing loose jackets, shirts or ties.
9. Handle fuel with care as it is highly flammable. Never refuel the machine in the vicinity of naked flames or sparks. Do not smoke during refuelling!
10. Always stop the engine and remove the main switch key (ignition key) before refuelling. Fill the fuel tank outdoors. Clean up any spilled fuel immediately!
11. Prevent fires by keeping the machine clean!
12. Take care when handling brake fluid and battery acid (toxic and corrosive).
13. Always blow the horn before starting the engine and engaging the threshing mechanism – watch for children!

**Transporting passengers, co-driver, operating personnel**

1. Passengers may only be carried if a proper passenger seat is fitted.
2. The carrying of passengers is otherwise not permitted!

**Operation**

1. Observe the maximum permissible axle loads and total weights.
2. The operating, steering and braking behaviour of the combine will be affected, e.g. by the road surface and by attaching implements. Therefore always adapt your speed to the terrain and ground conditions. It must be insisted that particular care is taken when operating and turning on a slope and when the grain tank is full. Never take the transmission out of gear when driving on a slope or on uneven terrain!
3. The grain tank must be empty when driving on public roads and lanes.
4. Never leave the operator's platform / cab when driving.
5. Stay a safe distance away from low over-head power lines (watch radio and CB radio antennas, if installed).
6. When driving on roads with a raised front attachment, the safety rocker switch must be switched off.

7. Before driving the machine and before starting fieldwork adjust the mirrors to give full view of the road or lane and working area behind!

**Leaving the combine harvester**

1. When leaving the combine harvester, ensure that it will not roll away (apply handbrake, chock blocks). Shut off the engine, remove the main switch key (ignition key) and lock the operator's cab (if installed). – Turn off the battery isolating switch!
2. Never leave the combine unattended as long as the engine is still running.
3. Lower front attachments (cutterbars, maize picker head etc.) to the ground before leaving the combine.

**Front attachments (cutterbar, maize picker head etc.) and other components**

1. Work under raised attachments (cutterbar, maize picker head etc.) only when you are sure that the front attachment is safely supported!
2. Particular care must be taken when attaching front attachments (cutterbar, maize picker head etc.) or when coupling a trailer to the combine.
3. Knives, the cutterbar, intake auger and reel etc. cannot be completely shielded by constructional measures due to their function. For this reason, an adequate safety distance must be maintained to these moving elements during operation!
4. Gatherer chains and snapping rolls of the corn head (maize picker head) cannot be completely shielded by constructional measures due to their function. For this reason, an adequate safety distance must be maintained to these moving elements during operation also! These instructions apply analogously for all other attachments!
5. The straw chopper has safety guards surrounding dangerous rotating knives which continue to rotate for a while after the drive has been disengaged. For this reason, an adequate safety distance should be maintained to the straw chopper until the drive has come to a complete standstill.
6. The augers located inside the grain tank cannot be shielded completely against accidental contact due to their function. Use a rod to clear blockages and a scoop or similar vessel to take grain samples – never use your hands or feet.

7. Before mounting or entering the grain tank, make sure that the drive is disengaged and that the engine has been stopped. Ensure that no other person can restart the engine.
8. When travelling on public roads and lanes, the finger bar and/or crop lifters must be covered when carrying the cutterbar.

#### **Compressor-type air conditioner**

1. The air conditioning system is filled with HFC refrigerant R 134A. HFC refrigerants must not be vented to the atmosphere. – Therefore, please take appropriate precautions when working on the compressor-type air conditioner.
2. Maintenance and repairs are only to be carried out by authorized service centres qualified to handle refrigerants. Refrigerants must always be discharged by use of the correct recovery equipment and disposed of for recycling.

#### **Service**

1. Repair, service and cleaning work and the elimination of malfunctions should only be performed with the drive and engine switched off. Remove the main switch key (ignition key)!
2. Escaping fluid (fuel or hydraulic oil) under high pressure can penetrate the skin and cause serious injury. If any fluid is injected into the skin, consult a doctor immediately as otherwise serious infections may result!
3. Be careful when opening the radiator filler cap. As long as the engine is hot, the radiator is under pressure.
4. Dispose of oil, fuel and filters in a way that is harmless to the environment and in accordance with existing anti-pollution regulations.
5. Do not attempt to mount a tyre unless you have the proper equipment and experience to perform the job safely.
6. Retighten the wheel nuts and wheel bolts regularly.
7. Only have qualified workshops carry out repair work on the hydraulic system.

#### **Basic rule**

Always check the operating and road safety of the combine before starting the machine.

#### **Noise level**

The noise level at the ear of the driver in the cab with doors and windows closed is 82 db (A).

#### **Hydraulic accumulators**

Take particular care when working on hydraulic accumulators! Hydraulic accumulators are under high pressure!

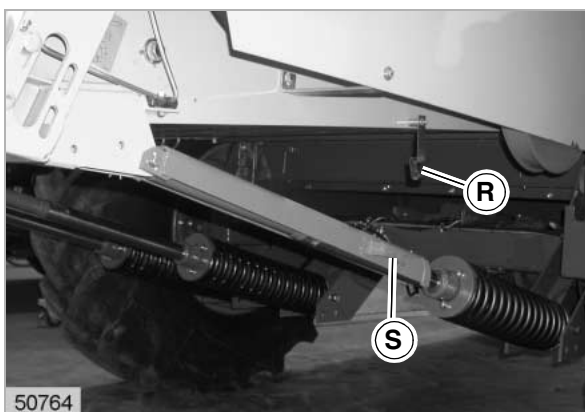
In the case of valve-controlled accumulators such as for the Autopilot, the short-circuit screw has to be loosened before starting repair work on the accumulator so that the hydraulic pressure is relieved.

## Safety lock



### DANGER!

Always block the raised front attachment (cutterbar, maize picker head etc.) securely and set safety locks before going underneath the unit.



1

Raise the feeder housing to its full height.

Release safety lock (S) at latch (R) and lower the safety lock over the hydraulic piston.

(Fig. 1, 2)



2

When operating the combine, secure the safety lock with latch (R).

(Fig. 1)



3

## Fire extinguisher

The agent for the fire extinguisher manufacturer should check the extinguisher at least every other year. The date of manufacture or the date last checked is shown on the extinguisher.

The fire extinguisher must be installed on the left-hand side of the machine, next to the engine compartment.

(Fig. 3)

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