

# ***CLAAS***



**JAGUAR**

## **Post Harvest Check**

***SERVICE & PARTS***



**TABLE OF CONTENTS**

**Introduction**

Handling ..... 4

**Checklists**

Cab / Operator's platform..... 7  
 Electric system ..... 9  
 Feeder unit ..... 10  
 Chopping..... 12  
 Discharge ..... 14  
 Gearbox ..... 17  
 Chassis ..... 18  
 Brakes / steering..... 19  
 Various components / Machine body ..... 20  
 Hydraulic system ..... 21  
 Central lubrication system ..... 22  
 Engine..... 23  
 Test run..... 26  
 Outdoor test run ..... 28  
 Comments ..... 29

**Confirmation**

JAGUAR post harvest check..... 30

# Introduction

## Handling

142069-001

Dear customer, dear CLAAS service partner

The post harvest check enables you to ascertain the machine condition after the harvest. This helps to identify any possible damage in advance and remove such damage in good time. The operational safety in the next harvest is increased and downtimes are avoided.

This document also applies to rented machines. At the end of the rent period, this form must be completed and signed by the customer and by the service partner.

The degree of wear in percent must be stated in the Remarks column for components subject to natural wear.

The machine must be cleaned inside and outside. Apart from that the full scope of maintenance should be carried out according to the Operator's Manual. A combination of the specified maintenance operations along with the post harvest check is recommended.


Carry out the post harvest check as follows:


- Complete the customer / machine data:

Customer / machine data		Machine condition	✓	X
Owner	Farmer	Maintenance was carried out according to the Operator's Manual		
	Contractor	Machine cleaned		
	Co-operative	Engine oil changed		
	...	Transmission oil changed		
Street		Hydraulic oil changed		
Postcode, city		Engine ready to start		


Customer / machine data	Machine condition	✓	X
Dealer	...		
Machine type			
Serial number			
Operating hours			
Harvested area [ha]	Date, technician		


- Check all components listed in the checklist.  
Check the items marked in the "Check" column.

 Complete / Correct fit / Condition


 Level / Pressure / Charge


 Sealing

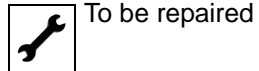
 Adjustment / Tension / Play

 Operation

- Mark the relevant result column.  
In the Remarks column, further information, e.g. details of specific repair efforts, can be entered.

 Not available / Not correct

 To be adjusted



To be repaired



To be replaced



No fault detected

- For all identified faults or damages, ascertain if the measures required for removing this condition are possibly covered by a service contract. Confirm work included in service contract by making a cross in the following column:



Included in service contract

- Enter the ascertained or estimated repair hours in this column:



Repair hours










- The completed post harvest check should be signed by the dealer as well as the customer.

# Checklists

## Cab / Operator's platform

142070-001












Sub-assembly / component	Check										Result		
						X					Comments	§	
Ladder	X				X								
Mirror	X				X								
Driver's seat	X				X								
Steering column	X				X								
Windscreen washer	X	X											
Brake fluid (not for type 494)		X											
Fire extinguisher	X												
<b>Cab roof</b>													
Heater			X										
Radiator			X										
Cab filter	X				X								
Evaporator	X												
Hoses	X												

Sub-assembly / component	Check					Result							
						X				✓	Comments	§	
<b>Cab bottom</b>													
Orbitrol			X		X								
Master cylinder			X		X								
Pressure switch	X		X		X								
Brake pedal switch (not for type 494)	X				X								
Cab support	X												












**Electric system**













142115-001

Sub-assembly / component	Check					Result							
						<b>X</b>					Comments		
Central terminal compartment	X												
Roof central terminal compartment	X												
Fuses	X												
Relays					X								
Central terminal compartment modules					X								
Modules outside of central terminal compartment					X								
Cabling	X												
Connectors	X												
Battery isolating switch					X								
Battery		X			X								
Reading out of CDS fault memory					X								

Feeder unit












142116-001










Sub-assembly / component	Check					Result							
						X				✓	Comments	§	
Housing	X												
Wear plates	X												
Sealing rubber	X												
Bottom plate	X												
Shock absorber (not type 494)	X				X								
Threaded bolt	X												
Cover plate	X												
Upper compression roller	X												
Lower compression roller	X												
Pressure roller	X												
Plain roller	X												
Scraper bar	X												
Roller bearings	X												
<b>Hydraulic system / Feeder unit drives</b>													
Feeder drive hydraulic cylinder			X		X								

Sub-assembly / component	Check					Result							
											Comments		
Raise / lower front attachment hydraulic cylinder			X		X								
Reversing hydrostatic motor (not for type 494)			X		X								
Reversing hydraulic cylinder (not for type 494)			X		X								
Jockey pulley	X												
Universal drive shaft	X												
Manual and reversing gearbox	X		X		X								
Elastic clutch (not for type 494)	X												
Drive head (not for type 494)	X												
Cut-out clutch (not for type 494)	X												
Chain drive (not for type 494)	X	X											
Power band belt	X			X									
Hydraulic damper (type 494)			X										

**Chopping**

142118-001

Sub-assembly / component	Check					Result							
						<b>X</b>					Comments		
Housing	X												
Sharpening cover	X												
Cylinder bottom	X												
Cover plate	X												
Shear bar	X			X									
Shear bar support	X												
Wear bar	X												
Shear bar adjustment					X								
Cutting cylinder	X												
Cutting cylinder bearing	X												
Cylinder knife	X												
Clamping plates	X												
Knife bolts	X												
Knife carrier	X												
Sharpening device	X				X								

Sub-assembly / component	Check					Result							
						X				✓	Comments	§	
Sharpening stone	X												
<b>Chopping hydraulics</b>													
Sharpening stone hydraulic cylinder			X		X								
Sharpening device flap hydraulic cylinder			X		X								

Discharge

142119-001

Sub-assembly / component	Check										Result		
						X					Comments	§	
Housing	X												
Housing sealing	X												
Cracker rollers	X			X									
Cracker support	X												
Cracker adjustment					X								
Jockey pulley	X												
Intermediate drive	X												
Baffle plate	X												
Wear plates - housing	X												
Filler housing	X												
Rear panel	X												
Sealing profile	X												
Accelerator housing	X												
Paddle wheel	X												
Paddle	X			X									













Sub-assembly / component	Check					Result							
						X				✓	Comments	§	
Bearing	X												
Housing	X												
Ring gear	X												
Flange joint ring	X												
Discharge chute plate	X												
Auger shaft	X												
Discharge chute	X												
End flap	X				X								
Wear plate - upper discharge chute	X												
<b>Hydraulic system / discharge drives</b>													
Corn cracker hydraulic cylinder			X		X								
Cracker power band belt	X			X									
Corn cracker drive				X									
Square tube adjustment hydrostatic motor			X		X								
Raise / lower square tube hydraulic cylinder			X		X								
Discharge flap adjustment hydraulic cylinder			X		X								





**Gearbox**

142122-001

Sub-assembly / component	Check					Result							
											Comments		
Clutch plate	X												
Cylinder drive	X												
V-belt pulleys / bearing	X												
Tensioning and guide rollers	X												
Power band belt	X												
Cylinder drive tensioning device	X			X									
Belt guard	X												
Locking pawls	X												
Key-type cut-out clutch (not for type 494)	X												
Gearbox of top rollers	X	X	X										
Manual gearbox	X	X	X										
Final drive (not for type 494)	X	X	X										
Profiled bushing (not for type 494)	X												













**Chassis**

142123-001

Sub-assembly / component	Check					Result							
						X				✓	Comments	§	
Drive axle	X												
Final drives	X	X	X										
Steering axle	X			X									
Steering knuckle	X												
Wheel bearings	X												
Rear drive axle / Rear wheel drive	X	X	X										
Rear wheel drive universal drive shaft (not for type 494)			X										
Hydrostatic ground drive				X	X								
Hydrostat actuating rope (if provided)	X			X									
Disc wheel	X												
Tyres	X												










**Brakes / steering**

142875-001

Sub-assembly / component	Check					Result							
											Comments		
Brakes (not for type 494)													
- Drum / Brake calliper / Linings	X												
- Parking brake actuation rope	X			X									
Parking brake hydraulic cylinder (if provided)	X		X										
<b>Steering</b>													
Steering cylinder			X		X								
3/2-way valve AUTO PILOT			X	X	X								
Rear wheel position sensor	X				X								












**Various components / Machine body**

142124-001

Sub-assembly / component	Check					Result							
						X				✓	Comments	§	
Left-hand guard	X												
Right-hand guard	X												
Rear guard	X												
Guard locks					X								
Safety decals	X												










**Hydraulic system**

142125-001

Sub-assembly / component	Check					Result							
						<b>X</b>					Comments		
Hydraulic tank		X	X										
Hydraulic pumps			X		X								
Hydraulic system oil filter	X		X										
Hydraulic lines			X										
Unions			X										
Master valve (type 492)			X	X	X								
Working hydraulics valves			X		X								
Low-pressure valves			X	X	X								
Accumulator			X										
Rotary feed			X										

**Central lubrication system**










142126-001

Sub-assembly / component	Check					Result							
						X				✓	Comments	§	
Central lubrication system		X	X		X								
Pressure switch					X								
Non-return valve			X		X								
Distributor			X	X	X								
Grease container		X	X										
Grease pump			X		X								
Lubrication lines / bolting	X		X										











**Engine**

142127-001

Sub-assembly / component	Check										Result		
						X				✓	Comments	§	
Dry-type air cleaner	X												
Safety filter cartridge	X												
Intake screen	X												
Air intake pipes	X												
Fuel tank	X		X										
Fuel filter	X		X										
Fuel lines	X		X										
Oil filter	X		X										
Engine / Engine oil		X	X										
Valve clearance				X									
Engine venting filter (not for type 494)	X												
Cooling water hoses	X												
Coolant / Antifreeze	X	X											
Cooling system	X		X										
Air conditioner condenser / Hydraulic oil / charge air / water cooler	X		X										













Sub-assembly / component	Check					Result							
						X				✓	Comments	§	
Fan / Bearings	X												
V-belts	X												
Air conditioner compressor	X		X										
Filter drier	X												
Exhaust system	X												
Engine insulation	X												
Engine mounting	X												
<b>DOUBLE SIX</b> Check all engine check items for the second diesel engine as well.	X	X	X	X									
<b>Hydraulic system / motor drives</b>													
Engine speed adjustment hydraulic cylinder (type 491)			X	X	X								
Radiator chaff screen hydrostatic motor			X		X								
Engine output shaft	X												
Transfer gearbox / Bearings	X	X	X	X									













Sub-assembly / component	Check					Result							
						X					Comments	§	
DOUBLE SIX													
- Intermediate drive	X												
- Clutch	X												

Test run

142128-001

Sub-assembly / component	Check					Result							
											Comments		
Ignition switch					X								
Vehicle information unit					X								
Electric starting motor					X								
Alternator					X								
Turn signal indicators					X								
Headlights / taillights					X								
Working lights					X								
Warning beacon					X								
Windscreen wiper motor					X								
Windscreen washer					X								
Fan (not for type 494)					X								
Heater (not for type 494)					X								
Air conditioner					X								
Ground speed control / Hydraulic pump neutral position				X	X								

Sub-assembly / component	Check					Result							
						X					Comments	§	
Gear shift mechanism					X								
Brakes / braking pressure switch					X								
Engine temperature display					X								

**Outdoor test run**

142129-001

Sub-assembly / component	Check					Result							
						X				✓	Comments	§	
All fieldwork computer / on-board computer functions (CIS / CEBIS / CEBIS MOBILE)					X								
1													
1													
1													
All switch console functions					X								
1													
1													
1													
All multifunction handle functions					X								
1													
1													
1													
1 Please enter anything that goes wrong here and mark the relevant results column.													

**Comments**

142071-001


# Confirmation

## JAGUAR post harvest check

142072-001

<b>Comments</b>

The post harvest check was carried out properly.

Date	Dealer signature / stamp	Customer signature







Following the policy of CLAAS KGaA mbH to improve their products as technical developments continue, CLAAS reserve the right to make alterations which must not necessarily correspond to text and illustrations contained in this publication, and without incurring obligation to alter any machines previously delivered.

Technical data, dimensions and weights are given as an indication only. Responsibility for errors or omissions not accepted.

Reproduction or translation of this publication, in whole or in part, is not permitted without the written consent of CLAAS KGaA mbH.

All rights under the provisions of the Copyright Act are reserved.

CLAAS KGaA mbH

33416 HARSEWINKEL

Germany



Our contribution to the environment:  
CLAAS have printed this manual on  
100% chlorine free paper.

CLAAS KGaA mbH  
Postfach 1163  
33416 Harsewinkel  
Tel. +49 (0)5247 12-0  
[www.claas.com](http://www.claas.com)

**00 0299 369 1**

NEC JAGUAR

EN - 11/2011

Printed in Germany