

# **CLAAS**



**LEXION 600**  
**LEXION 580**  
**LEXION 570**

## **Repair manual**

***SERVICE & PARTS***

## Contents

### 1 General Information

<b>1.1 General</b>	<b>37</b>
1.1.1 Introduction	37
<b>1.2 Safety rules</b>	<b>38</b>
1.2.1 Important notice	38
1.2.2 Identification of warning and danger signs	38
1.2.3 General safety and accident prevention regulations	39
1.2.4 Leaving the machine	40
1.2.5 Grain tank	40
1.2.6 Combine harvester chopper unit	40
1.2.7 Adjustment and maintenance work	40
1.2.8 Air conditioner	41
1.2.9 Pressure accumulator	41
1.2.10 First aid measures	41
1.2.11 Battery isolating switch	42
1.2.12 Applying the feeder housing safety lock	42
1.2.13 Removing the feed rake conveyor safety lock	43
1.2.14 Danger of injury due to escaping hydraulic liquid	43
<b>1.3 General repair instructions</b>	<b>44</b>
1.3.1 Reason of damage	44
1.3.2 Spare parts	44
1.3.3 Diesel engine	44
1.3.4 Gearboxes	44
1.3.5 Alternator	44
1.3.6 Tensioning the steel roller chains	45
1.3.7 Taper ring fasteners	45
1.3.8 Self-locking bolts with micro-encapsulated adhesive	46
1.3.9 Liquid locking compound	46
1.3.10 Lock collar bearings	47
1.3.11 Adapter sleeve bearing	47
1.3.12 Ferrule fittings on hydraulic lines	47
1.3.13 Progressive ring fittings on hydraulic lines	48
1.3.14 Taper fittings on hydraulic lines	49
1.3.15 Hydraulic hoses	50
1.3.16 Welding Work	51
1.3.17 Some advice for speedy and correct repair work:	52
<b>1.4 Torque settings</b>	<b>53</b>
1.4.1 Tightening torques for metric standard threads	53
1.4.2 Tightening torques for metric fine threads	54
1.4.3 Tightening torques for hydraulic screw fittings with ferrule according to DIN 3861	55
1.4.4 Tightening torques for hydraulic screw fittings and air conditioner fittings with a sealing cone and O-ring DIN 3865	55
1.4.5 Tightening torques of brake line screw fittings	56
1.4.6 Tightening torques for wheel bolts	57
<b>1.5 Specifications</b>	<b>58</b>
1.5.1 Lubricants	58

## 2 Operator's platform

<b>2.1 Air conditioner</b>	<b>59</b>
2.1.1 Top up with refrigerant	59
2.1.2 Checking the refrigerant oil level	60
2.1.3 Removing the evaporator, expansion valve and temperature switch	61
2.1.4 Air conditioner (cab end) disassembled	64
2.1.5 Installing the evaporator, expansion valve and temperature switch	65
2.1.6 Removing the automatic air conditioning control unit	67
2.1.7 Installing the automatic air conditioning control unit	68
2.1.8 Removing the automatic air conditioning solenoid valve	68
2.1.9 Installing the automatic air conditioning solenoid valve	68
2.1.10 Removing the automatic air conditioning thermostat	69
2.1.11 Installing the automatic air conditioning thermostat	70
2.1.12 Removing the automatic air conditioning temperature sensor	71
2.1.13 Installing the automatic air conditioning temperature sensor	74
2.1.14 Removing the receiver/dryer	77
2.1.15 Installing the receiver/dryer	78
2.1.16 Removing the A/C compressor (DENSO)	78
2.1.17 Installing the A/C compressor (DENSO)	79
2.1.18 Removing the A/C compressor (SANDEN)	79
2.1.19 Installing the A/C compressor (SANDEN)	80
2.1.20 Removing the condenser	81
2.1.21 Installing the condenser	82
<b>2.2 Heater</b>	<b>83</b>
2.2.1 Removing the fan	83
2.2.2 Installing the fan	83
2.2.3 Removing the radiator and control valve	85
2.2.4 Installing the radiator and control valve	88
<b>2.3 Steering</b>	<b>91</b>
2.3.1 Removing the steering column	91
2.3.2 Disassembling the steering column	96
2.3.3 Steering column, exploded view	98
2.3.4 Assembling the steering column	99
2.3.5 Installing the steering column	101
2.3.6 Removing the steering unit	105
2.3.7 Installing the steering unit	107
2.3.8 Checking and adjusting the steering unit	108
<b>2.4 Special tool for steering</b>	<b>109</b>
2.4.1 Disassembling the steering column	109
2.4.2 Creating a vacuum in the hydraulic tank	109
2.4.3 Checking and adjusting the steering unit	110
<b>2.5 Controls</b>	<b>111</b>
2.5.1 Removing the drive actuation unit (with electro-hydraulic vehicle control)	111
2.5.2 Installing the drive actuation unit (with electro-hydraulic vehicle control)	112
<b>2.6 Brakes</b>	<b>115</b>
2.6.1 Removing the parking brake rope	115
2.6.2 Installing the parking brake rope	116
2.6.3 Removing the foot brake master cylinder	117

2.6.4	Installing the foot brake master cylinder	118
-------	---	-----

### 3 Electrics

<b>3.1</b>	<b>Power supply</b>	<b>119</b>
3.1.1	Removing the starter (CAT engine C-13)	119
3.1.2	Installing the starter (CAT engine C-13)	120
3.1.3	Removing the starter (DC engine OM 502)	121
3.1.4	Installing the starter (DC engine OM 502)	122
3.1.5	Removing the generator (CAT engine C-13)	122
3.1.6	Installing the generator (CAT engine C-13)	123
3.1.7	Removing the generator (DC engine OM 502)	124
3.1.8	Installing the generator (DC engine OM 502)	125
3.1.9	Removing the autopilot overrider switch	125
3.1.10	Installing the autopilot overrider switch	126

### 4 Feed rake conveyor

<b>4.1</b>	<b>Feed rake conveyor</b>	<b>127</b>
4.1.1	Removing the feed rake conveyor	127
4.1.2	Installing the feed rake conveyor	129
4.1.3	Removing the feed rake conveyor suction blower	130
4.1.4	Disassembling the feed rake conveyor suction blower	131
4.1.5	Standard feed rake conveyor suction blower, exploded view	134
4.1.6	HP feed rake conveyor suction blower, exploded view	136
4.1.7	Assembling the feed rake conveyor suction blower	138
4.1.8	Installing the feed rake conveyor suction blower	140
4.1.9	Removing the wooden ledges	141
4.1.10	Installing the wooden ledges	143
4.1.11	Removing the intermediate floor	145
4.1.12	Installing the intermediate floor	148
4.1.13	Removing the runners	151
4.1.14	Installing the runners	152
4.1.15	Replacing the feeder chains	152
4.1.16	Removing the top shaft	155
4.1.17	Top shaft, exploded view (two-part feed rake slat)	159
4.1.18	Top shaft, exploded view (three-part feed rake slat)	161
4.1.19	Installing the top shaft	162
4.1.20	Remove support roller	168
4.1.21	Installing the support roller	169
4.1.22	Removing the deflection roller	171
4.1.23	Disassembling the deflection roller	173
4.1.24	Deflection roller, exploded view (standard feed rake conveyor)	174
4.1.25	Deflection roller, exploded view (HP feed rake conveyor)	175
4.1.26	Assembling the deflection roller	176
4.1.27	Installing the deflection roller	177
4.1.28	Removing the intermediate drive shaft	179
4.1.29	Intermediate drive shaft, exploded view	182

4.1.30	Installing the intermediate drive shaft	182
4.1.31	Replacing the antislip strips (without dust extraction)	185
4.1.32	Replacing the antislip strips (with dust extraction)	186
<b>4.2</b>	<b>Feed rake conveyor special tool</b>	<b>187</b>
4.2.1	Removing the top shaft	187
4.2.2	Removing the top shaft	188
4.2.3	Installing the top shaft	189
4.2.4	Disassembling the deflection roller	190
4.2.5	Assembling the deflection roller	191
4.2.6	Removing the intermediate drive shaft	192
4.2.7	Removing the intermediate drive shaft	193
<b>4.3</b>	<b>Reverser drive</b>	<b>194</b>
4.3.1	Removing the reverser drive	194
4.3.2	Disassembling the reverser drive	196
4.3.3	Reverser drive, exploded view	198
4.3.4	Assembling the reverser drive	199
4.3.5	Installing the reverser drive	200
<b>4.4</b>	<b>Reverser drive special tool</b>	<b>202</b>
4.4.1	Assembling the reverser drive	202

## 5 Threshing mechanism

<b>5.1</b>	<b>Threshing concave</b>	<b>203</b>
5.1.1	Removing the stone trap	203
5.1.2	Installing the stone trap	203
5.1.3	Removing the preconcave	204
5.1.4	Concave adjustment, exploded view	208
5.1.5	Installing the preconcave	210
5.1.6	Removing the main concave	212
5.1.7	Main concave, exploded view	216
5.1.8	Installing the main concave	217
5.1.9	Basic concave setting	221
<b>5.2</b>	<b>Accelerator drum</b>	<b>231</b>
5.2.1	Removing the right accelerator drum bearing	231
5.2.2	Disassembling the right accelerator drum bearing	232
5.2.3	Right accelerator drum bearing, exploded view	233
5.2.4	Assembling the right accelerator drum bearing	234
5.2.5	Installing the right accelerator drum bearing	235
5.2.6	Removing the left accelerator drum bearing	236
5.2.7	Disassembling the left accelerator drum bearing	238
5.2.8	Left accelerator drum bearing, exploded view	238
5.2.9	Assembling the left accelerator drum bearing	239
5.2.10	Installing the left accelerator drum bearing	240
5.2.11	Removing the accelerator drum	241
5.2.12	Installing the accelerator drum	244
<b>5.3</b>	<b>Special tools for accelerator drum</b>	<b>245</b>
5.3.1	Removing the right accelerator drum bearing	245
5.3.2	Assembling the right accelerator drum bearing	245
5.3.3	Installing the right accelerator drum bearing	246

5.3.4	Removing the left accelerator drum bearing	246
5.3.5	Disassembling the left accelerator drum bearing	247
5.3.6	Assembling the left accelerator drum bearing	248
5.3.7	Installing the left accelerator drum bearing	249
<b>5.4</b>	<b>Threshing drum</b>	<b>250</b>
5.4.1	Removing the right threshing drum bearing	250
5.4.2	Disassembling the right threshing drum bearing	252
5.4.3	Right threshing drum bearing, exploded view	252
5.4.4	Assembling the right threshing drum bearing	253
5.4.5	Installing the right threshing drum bearing	254
5.4.6	Removing the left threshing drum bearing	256
5.4.7	Disassembling the left threshing drum bearing	257
5.4.8	Left threshing drum bearing, exploded view	258
5.4.9	Assembling the left threshing drum bearing	258
5.4.10	Installing the left threshing drum bearing	259
5.4.11	Removing the threshing drum	260
5.4.12	Replacing the beater bars	263
5.4.13	Replacing the threshing drum shaft	264
5.4.14	Threshing drum, exploded view	266
5.4.15	Installing the threshing drum	267
<b>5.5</b>	<b>Special tools for threshing drum</b>	<b>269</b>
5.5.1	Removing the right threshing drum bearing	269
5.5.2	Assembling the right threshing drum bearing	270
5.5.3	Removing the left threshing drum bearing	271
5.5.4	Assembling the left threshing drum bearing	272
5.5.5	Installing the left threshing drum bearing	273
5.5.6	Replacing the threshing drum shaft	274
<b>5.6</b>	<b>Impeller</b>	<b>275</b>
5.6.1	Removing the right impeller bearing	275
5.6.2	Installing the right impeller bearing	276
5.6.3	Removing the left impeller bearing	277
5.6.4	Installing the left impeller bearing	278
5.6.5	Removing the impeller	279
5.6.6	Disassembling the impeller	281
5.6.7	Impeller, exploded view	282
5.6.8	Assembling the impeller	283
5.6.9	Installing the impeller	284
<b>5.7</b>	<b>Special tools for impeller</b>	<b>286</b>
5.7.1	Removing the right impeller bearing	286
5.7.2	Installing the right impeller bearing	287
5.7.3	Removing the left impeller bearing	288
5.7.4	Installing the left impeller bearing	289
5.7.5	Disassembling the impeller	290
5.7.6	Assembling the impeller	291

**6 Separation**

<b>6.1</b>	<b>Axial rotors LEXION 570 / 600</b>	<b>292</b>
6.1.1	Removing the separating grate	292

6.1.2	Installing separating grates	294
6.1.3	Adjusting the electrically driven rotor cover plates	296
6.1.4	Removing the separating jacket	301
6.1.5	Installing the separating jacket	306
6.1.6	Removing the front axial rotor bearing mount	311
6.1.7	Front axial rotor bearing mount, exploded view	313
6.1.8	Installing the front axial rotor bearing mount	313
6.1.9	Removing the inlet head	315
6.1.10	Installing the inlet head	318
6.1.11	Removing the axial rotor	319
6.1.12	Installing the axial rotor	321
<b>6.2</b>	<b>Axial rotor special tool</b>	
	<b>LEXION 570 / 600</b>	<b>323</b>
6.2.1	Removing the front axial rotor bearing mount	323
6.2.2	Installing the front axial rotor bearing mount	324
6.2.3	Adjusting the electrically driven rotor cover plates	325
<b>7</b>	<b>Cleaning unit</b>	
<b>7.1</b>	<b>Feed pan: standard cleaning system</b>	<b>326</b>
7.1.1	Removing the feed pan (standard)	326
7.1.2	Installing the feed pan (standard)	326
7.1.3	Removing the feed pan (driven)	327
7.1.4	Installing the feed pan (driven)	328
<b>7.2</b>	<b>Feed pan: JET STREAM cleaning system</b>	<b>329</b>
7.2.1	Removing the feed pan	329
7.2.2	Installing the feed pan	329
<b>7.3</b>	<b>Return pan: standard cleaning system</b>	<b>330</b>
7.3.1	Removing the return pan	330
7.3.2	Return pan, exploded view	332
7.3.3	Installing the return pan	333
7.3.4	Removing the front rocker arm	335
7.3.5	Front rocker arm, exploded view	336
7.3.6	Installing the front rocker arm	336
<b>7.4</b>	<b>Return pan: JET STREAM cleaning system</b>	<b>338</b>
7.4.1	Removing the return pan	338
7.4.2	Return pan, exploded view	340
7.4.3	Installing the return pan	341
7.4.4	Removing the front rocker arm	343
7.4.5	Front rocker arm, exploded view	343
7.4.6	Installing the front rocker arm	344
<b>7.5</b>	<b>Sieve pan</b>	<b>345</b>
7.5.1	Removing the upper sieves	345
7.5.2	Installing the upper sieves	347
7.5.3	Removing the lower sieves	348
7.5.4	Installing the lower sieves	349
7.5.5	Basic sieves adjustment with electric sieve adjustment	351
7.5.6	Removing the sieve frame	352
7.5.7	Sieve frame, exploded view	356

7.5.8	Installing the sieve frame	357
7.5.9	Removing the sieve pan	360
7.5.10	Sieve pan, exploded view	363
7.5.11	Installing the sieve pan	364
<b>7.6</b>	<b>Sieve pan special tool: standard cleaning system</b>	<b>366</b>
7.6.1	Basic sieves adjustment with electric sieve adjustment	366
7.6.2	Removing the sieve pan	366
<b>7.7</b>	<b>Sieve pan: JET STREAM cleaning system</b>	<b>367</b>
7.7.1	Removing the upper sieves	367
7.7.2	Installing the upper sieves	369
7.7.3	Removing the lower sieves	370
7.7.4	Installing the lower sieves	371
7.7.5	Basic sieves adjustment with electric sieve adjustment	372
7.7.6	Removing the sieve frame	373
7.7.7	Sieve frame, exploded view	377
7.7.8	Installing the sieve frame	378
7.7.9	Removing the sieve pan	381
7.7.10	Sieve pan, exploded view	383
7.7.11	Installing the sieve pan	384
<b>7.8</b>	<b>Sieve pan special tool: JET STREAM cleaning system</b>	<b>387</b>
7.8.1	Basic sieves adjustment with electric sieve adjustment	387
<b>7.9</b>	<b>Preparation floor: standard cleaning system</b>	<b>388</b>
7.9.1	Removing the preparation floor	388
7.9.2	Preparation floor, exploded view	391
7.9.3	Installing the preparation floor	392
<b>7.10</b>	<b>Preparation floor: JET STREAM cleaning system</b>	<b>397</b>
7.10.1	Removing the preparation floor	397
7.10.2	Preparation floor, exploded view	400
7.10.3	Installing the preparation floor	401
<b>7.11</b>	<b>Sieve frame connection: standard cleaning system</b>	<b>405</b>
7.11.1	Removing the 3-D sieve pan control system	405
7.11.2	3-D sieve pan control system, exploded view	406
7.11.3	Installing the 3-D sieve pan control system	408
7.11.4	Adjusting the 3-D sieve pan control system	410
<b>7.12</b>	<b>Sieve frame connection special tool: standard cleaning system</b>	<b>413</b>
7.12.1	Adjusting the 3-D sieve pan control system	413
<b>7.13</b>	<b>Sieve frame connection: JET STREAM cleaning system</b>	<b>414</b>
7.13.1	Removing the 3-D sieve pan control system	414
7.13.2	3-D sieve pan control system, exploded view	415
7.13.3	Installing the 3-D sieve pan control system	417
7.13.4	Adjusting the 3-D sieve pan control system	419
<b>7.14</b>	<b>Sieve frame connection special tool: JET STREAM cleaning system</b>	<b>421</b>
7.14.1	Adjusting the 3-D sieve pan control system	421
<b>7.15</b>	<b>Rocker arm drive: standard cleaning system</b>	<b>422</b>
7.15.1	Removing the rocker arm drive	422
7.15.2	Rocker arm drive, exploded view	425
7.15.3	Installing the rocker arm drive	427



7.15.4	Removing the rocker arm drive shaft	430
7.15.5	Installing the rocker arm drive shaft	433
<b>7.16</b>	<b>Rocker arm drive: JET STREAM cleaning system</b>	<b>435</b>
7.16.1	Removing the rocker arm drive	435
7.16.2	Rocker arm drive, exploded view	438
7.16.3	Installing the rocker arm drive	439
7.16.4	Removing the rocker arm drive shaft	442
7.16.5	Rocker arm drive drive shaft, exploded view	444
7.16.6	Installing the rocker arm drive shaft	445
<b>7.17</b>	<b>Cleaning fan: standard cleaning system</b>	<b>448</b>
7.17.1	Removing the side fan bearing	448
7.17.2	Side fan bearing, exploded view	449
7.17.3	Installing the side fan bearing	450
7.17.4	Removing the centre fan bearing	451
7.17.5	Centre fan bearing, exploded view	451
7.17.6	Installing the centre fan bearing	452
7.17.7	Removing the fan shaft	452
7.17.8	Installing the fan shaft	454
7.17.9	Removing the fan rotors	456
7.17.10	Installing the fan rotors	456
<b>7.18</b>	<b>Cleaning fan special tool: standard cleaning system</b>	<b>457</b>
7.18.1	Installing the side fan bearing	457
7.18.2	Removing the fan shaft	457
<b>7.19</b>	<b>Cleaning fan: JET STREAM cleaning system</b>	<b>458</b>
7.19.1	Removing the fan bearing	458
7.19.2	Fan bearing, exploded view	459
7.19.3	Installing the fan bearing	459
7.19.4	Removing the fan shaft	461
7.19.5	Installing the fan shaft	462
7.19.6	Removing the fan rotors	463
7.19.7	Installing the fan rotors	464

## 8 Grain delivery

<b>8.1</b>	<b>Returns elevator: standard cleaning system</b>	<b>465</b>
8.1.1	Removing the returns elevator chain	465
8.1.2	Installing the returns elevator chain	467
8.1.3	Removing the top returns auger	468
8.1.4	Installing the top returns auger	470
8.1.5	Removing the returns elevator	472
8.1.6	Disassembling the returns elevator	473
8.1.7	Assembling the returns elevator	475
8.1.8	Installing the returns elevator	476
8.1.9	Removing the bottom returns auger	478
8.1.10	Installing the bottom returns auger	480
8.1.11	Removing the returns elevator boot	482
8.1.12	Installing the returns elevator boot	484
<b>8.2</b>	<b>Returns elevator: JET STREAM cleaning system</b>	<b>486</b>
8.2.1	Removing the returns elevator chain	486

8.2.2	Installing the returns elevator chain	488
8.2.3	Removing the top returns auger	489
8.2.4	Installing the top returns auger	491
8.2.5	Removing the returns elevator	493
8.2.6	Disassembling the returns elevator	494
8.2.7	Assembling the returns elevator	496
8.2.8	Installing the returns elevator	497
8.2.9	Removing the bottom returns auger	499
8.2.10	Installing the bottom returns auger	500
8.2.11	Removing the returns elevator boot	501
8.2.12	Installing the returns elevator boot	504
<b>8.3</b>	<b>Grain elevator: standard cleaning system (small grain tank filling)</b>	<b>507</b>
8.3.1	Removing the grain elevator chain	507
8.3.2	Installing the grain elevator chain	509
8.3.3	Removing the grain elevator head	510
8.3.4	Disassembling the grain elevator head	512
8.3.5	Grain elevator head, exploded view	514
8.3.6	Assembling the grain elevator top	516
8.3.7	Installing the grain elevator top	517
8.3.8	Removing the grain elevator shaft	519
8.3.9	Installing the grain elevator shaft	521
8.3.10	Removing the grain elevator boot	523
8.3.11	Installing the grain elevator boot	524
8.3.12	Removing the grain auger	525
8.3.13	Installing the grain auger	528
8.3.14	Removing the grain tank filler auger with angle drive	529
8.3.15	Disassembling the grain tank filler auger with angle drive	532
8.3.16	Grain tank filler auger with angle drive, exploded view	535
8.3.17	Assembling the grain tank filler auger with angle drive	537
8.3.18	Installing the grain tank filler auger with angle drive	540
<b>8.4</b>	<b>Grain elevator special tool: standard cleaning system (small grain tank filling)</b>	<b>543</b>
8.4.1	Disassembling the grain elevator top	543
<b>8.5</b>	<b>Grain elevator: JET STREAM cleaning system (small grain tank filling)</b>	<b>544</b>
8.5.1	Removing the grain elevator chain	544
8.5.2	Installing the grain elevator chain	546
8.5.3	Removing the grain elevator head	547
8.5.4	Disassembling the grain elevator head	549
8.5.5	Assembling the grain elevator top	550
8.5.6	Installing the grain elevator top	551
8.5.7	Removing the grain elevator shaft	553
8.5.8	Installing the grain elevator shaft	556
8.5.9	Removing the grain elevator boot	558
8.5.10	Installing the grain elevator boot	559
8.5.11	Removing the grain auger	560
8.5.12	Installing the grain auger	562
8.5.13	Removing the grain tank filler auger with angle drive	563
8.5.14	Disassembling the grain tank filler auger with angle drive	565

8.5.15	Grain tank filler auger with angle drive, exploded view	568
8.5.16	Assembling the grain tank filler auger with angle drive	570
8.5.17	Installing the grain tank filler auger with angle drive	573
<b>8.6</b>	<b>Grain elevator special tool:</b>	
	<b>JET STREAM cleaning system (small grain tank filling)</b>	<b>576</b>
8.6.1	Disassembling the grain elevator top	576
<b>8.7</b>	<b>Grain elevator: JET STREAM cleaning system (large grain tank filling)</b>	<b>577</b>
8.7.1	Removing the grain elevator chain	577
8.7.2	Installing the grain elevator chain	579
8.7.3	Removing the grain elevator	580
8.7.4	Disassembling the grain elevator	583
8.7.5	Filler auger drive, exploded view	585
8.7.6	Assembling the grain elevator	587
8.7.7	Installing the grain elevator	589
8.7.8	Removing the grain elevator boot	591
8.7.9	Installing the grain elevator boot	592
8.7.10	Removing the grain auger	593
8.7.11	Installing the grain auger	595
8.7.12	Removing the grain tank filler auger	596
8.7.13	Grain tank filler auger, exploded view	599
8.7.14	Installing the grain tank filler auger	600
8.7.15	Removing the angle drive	602
8.7.16	Installing the angle drive	603
<b>8.8</b>	<b>Grain elevator special tool:</b>	
	<b>JET STREAM cleaning system (large grain tank filling)</b>	<b>605</b>
8.8.1	Creating a vacuum in the hydraulic tank	605
<b>8.9</b>	<b>Grain tank unloading</b>	<b>606</b>
8.9.1	Removing the horizontal grain tank unloading auger	606
8.9.2	Horizontal grain tank unloading auger, exploded view	609
8.9.3	Installing the horizontal grain tank unloading auger	610
8.9.4	Removing the vertical grain tank unloading auger	612
8.9.5	Installing the vertical grain tank unloading auger	612
8.9.6	Removing the grain tank unloading tube auger (4117mm, 5042mm)	613
8.9.7	Installing the grain tank unloading tube auger (4117mm, 5042mm)	614
8.9.8	Removing the grain tank unloading tube auger (5532mm, 6114mm), rear	615
8.9.9	Installing the grain tank unloading tube auger (5532mm, 6114mm), rear	616
8.9.10	Removing the grain tank unloading tube auger (5532mm, 6114mm), front	617
8.9.11	Installing the grain tank unloading tube auger (5532mm, 6114mm), front	618
8.9.12	Removing the grain tank unloading tube (4117mm, 5042mm)	621
8.9.13	Installing the grain tank unloading tube (4117mm, 5042mm)	622
8.9.14	Removing the grain tank unloading tube auger (5532mm, 6114mm), rear.	624
8.9.15	Installing the grain tank unloading tube auger (5532mm, 6114mm), rear	624
8.9.16	Removing the grain tank unloading tube auger (5532mm, 6114mm), front	625
8.9.17	Installing the grain tank unloading tube auger (5532mm, 6114mm), rear	627
8.9.18	Removing the tube elbow	628
8.9.19	Installing the tube elbow	629
8.9.20	Removing the vertical unloading auger tube	631
8.9.21	Installing the vertical unloading auger tube	632

## 9 Straw discharge

<b>9.1 Rigid straw chopper</b> .....	<b>635</b>
9.1.1 Removing the right straw chopper bearing .....	635
9.1.2 Right straw chopper bearing assembly, exploded view .....	637
9.1.3 Installing the right straw chopper bearing .....	637
9.1.4 Removing the left straw chopper bearing .....	638
9.1.5 Left straw chopper bearing assembly, exploded view .....	640
9.1.6 Installing the left straw chopper bearing .....	640
9.1.7 Removing the cutting cylinder .....	641
9.1.8 Cutting cylinder, exploded view .....	643
9.1.9 Pre-assembling the cutting cylinder .....	644
9.1.10 Installing the cutting cylinder .....	645
<b>9.2 Special tool for rigid straw chopper</b> .....	<b>646</b>
9.2.1 Removing the right straw chopper bearing .....	646
9.2.2 Installing the right straw chopper bearing .....	647
9.2.3 Removing the left straw chopper bearing .....	648
9.2.4 Installing the left straw chopper bearing .....	649
<b>9.3 Straw receptacle: JET STREAM cleaning system</b> .....	<b>650</b>
9.3.1 Remove chaff spreader. ....	650
9.3.2 Installing the chaff spreader .....	651

## 10 Drives

<b>10.1 Drive belts / drive chains</b> .....	<b>652</b>
10.1.1 Drive diagram, left side (LEXION 600 with JET STREAM cleaning system) .....	652
10.1.2 Drive diagram, right side (LEXION 600 with JET STREAM cleaning system) .....	654
10.1.3 Drive diagram, left side (LEXION 570 with JET STREAM cleaning system) .....	656
10.1.4 Drive diagram, right side (LEXION 570 with JET STREAM cleaning system) .....	658
10.1.5 Left drive diagram (LEXION 570 with standard cleaning system) .....	660
10.1.6 Right drive diagram (LEXION 570 with standard cleaning system) .....	662
10.1.7 Left drive diagram (LEXION 580 with standard cleaning system) .....	664
10.1.8 Right drive diagram (LEXION 580 with standard cleaning system) .....	666
10.1.9 Removing belt (R1) .....	668
10.1.10 Installing belt (R1) .....	668
10.1.11 Adjusting belt (R1) .....	669
10.1.12 Removing belt (R2) .....	670
10.1.13 Installing belt (R2) .....	671
10.1.14 Adjusting belt (R2) .....	672
10.1.15 Removing belt (R3) .....	673
10.1.16 Installing belt (R3) .....	674
10.1.17 Adjusting belt (R3) .....	675
10.1.18 Removing belt (R4) .....	676
10.1.19 Installing belt (R4) .....	677
10.1.20 Adjusting belt (R4) .....	678
10.1.21 Removing belt (R5) .....	679
10.1.22 Installing belt (R5) .....	680
10.1.23 Adjusting belt (R5) .....	681
10.1.24 Removing belt (R6) .....	682
10.1.25 Installing belt (R6) .....	683

	10113
10.1.26 Adjusting belt (R6) . . . . .	683
10.1.27 Removing belt (R7) . . . . .	684
10.1.28 Installing belt (R7) . . . . .	686
10.1.29 Adjusting belt (R7) . . . . .	688
10.1.30 Removing belt (R8) . . . . .	689
10.1.31 Installing belt (R8) . . . . .	690
10.1.32 Adjusting belt (R8) . . . . .	690
10.1.33 Removing belt (R9) . . . . .	691
10.1.34 Installing belt (R9) . . . . .	693
10.1.35 Adjusting belt (R9) . . . . .	695
10.1.36 Removing belt (R10) . . . . .	696
10.1.37 Installing belt (R10) . . . . .	697
10.1.38 Adjusting belt (R10) . . . . .	699
10.1.39 Removing chain (K11) . . . . .	700
10.1.40 Installing chain (K11) . . . . .	701
10.1.41 Adjusting chain (K11) . . . . .	701
10.1.42 Removing belt (R12) . . . . .	702
10.1.43 Installing belt (R12) . . . . .	703
10.1.44 Adjusting belt (R12) . . . . .	704
10.1.45 Removing belt (R13) . . . . .	705
10.1.46 Installing belt (R13) . . . . .	706
10.1.47 Adjusting belt (R13/R14) . . . . .	707
10.1.48 Removing belt (R14) . . . . .	708
10.1.49 Installing belt (R14) . . . . .	709
10.1.50 Removing belt (R15) . . . . .	710
10.1.51 Installing belt (R15) . . . . .	711
10.1.52 Adjusting belt (R15) . . . . .	712
10.1.53 Removing belt (R16) . . . . .	713
10.1.54 Installing belt (R16) . . . . .	714
10.1.55 Adjusting belt (R16) . . . . .	715
10.1.56 Removing belt (R17) . . . . .	716
10.1.57 Installing belt (R17) . . . . .	717
10.1.58 Adjusting belt (R17) . . . . .	718
10.1.59 Removing belt (R18) . . . . .	719
10.1.60 Installing belt (R18) . . . . .	720
10.1.61 Adjusting belt (R18) . . . . .	720
10.1.62 Removing belt (R19) . . . . .	721
10.1.63 Installing belt (R19) . . . . .	722
10.1.64 Adjusting belt (R19) . . . . .	722
10.1.65 Removing belt (R20) . . . . .	723
10.1.66 Installing belt (R20) . . . . .	724
10.1.67 Adjusting belt (R20) . . . . .	727
10.1.68 Removing belt (R21) (up to serial no. ...) . . . . .	728
10.1.69 Installing belt (R21) (up to serial no. ...) . . . . .	730
10.1.70 Adjusting belt (R21) (up to serial no. ...) . . . . .	730
10.1.71 Removing belt (R21) (from serial no. ...) . . . . .	731

	10113
10.1.72 Installing belt (R21) (from serial no. ...)	733
10.1.73 Adjusting belt (R21) (from serial no. ...)	733
10.1.74 Removing belt (R23)	735
10.1.75 Installing belt (R23)	736
10.1.76 Adjusting belt (R23)	736
10.1.77 Removing belt (R24)	737
10.1.78 Installing belt (R24)	738
10.1.79 Adjusting belt (R24)	738
10.1.80 Removing belt (R25)	739
10.1.81 Installing belt (R25)	740
10.1.82 Adjusting belt (R25)	742
10.1.83 Removing belt (R40)	743
10.1.84 Installing belt (R40)	743
10.1.85 Adjusting belt (R40)	744
10.1.86 Removing belt (R41)	745
10.1.87 Installing belt (R41)	746
10.1.88 Adjusting belt (R41)	747
10.1.89 Removing belt (R42)	748
10.1.90 Installing belt (R42)	749
10.1.91 Adjusting belt (R42)	750
10.1.92 Removing belt (R46)	751
10.1.93 Installing belt (R46)	751
10.1.94 Adjusting belt (R46)	752
10.1.95 Removing belt (R47)	753
10.1.96 Installing belt (R47)	754
10.1.97 Adjusting belt (R47)	755
10.1.98 Removing belt (R48)	756
10.1.99 Installing belt (R48)	757
10.1.100 Adjusting belt (R48)	757
10.1.101 Removing belt (R49)	758
10.1.102 Installing belt (R49)	759
10.1.103 Adjusting belt (R49)	759
10.1.104 Removing belt (R50)	760
10.1.105 Installing belt (R50)	761
10.1.106 Adjusting belt (R50)	761
10.1.107 Removing belt (R51)	762
10.1.108 Installing belt (R51)	763
10.1.109 Adjusting belt (R51)	763
10.1.110 Removing belt (R52)	764
10.1.111 Installing belt (R52)	765
10.1.112 Adjusting belt (R52)	765
10.1.113 Removing belt (R53)	767
10.1.114 Installing belt (R53)	768
10.1.115 Adjusting belt (R53)	769
10.1.116 Removing belt (R54)	770
10.1.117 Installing belt (R54)	771
10.1.118 Adjusting belt (R54)	771

10.1.119	Removing chain (K55)	772
10.1.120	Installing chain (K55)	773
10.1.121	Adjusting chain (K55)	773
10.1.122	Removing chain (K56)	774
10.1.123	Installing chain (K56)	775
10.1.124	Adjusting chain (K56)	776
10.1.125	Removing belt (R57)	776
10.1.126	Installing belt (R57)	777
10.1.127	Adjusting belt (R57)	778
10.1.128	Removing belt (R58) (CAT engines C9, 3126B)	779
10.1.129	Installing belt (R58) (CAT engines C9, 3126B)	780
10.1.130	Adjusting belt (R58) (CAT engines C9, C10, 3126B, C13)	780
10.1.131	Removing belt (R58) (CAT engines C10, C13)	781
10.1.132	Installing belt (R58) (CAT engines C10, C13)	782
10.1.133	Removing belt (R59)	783
10.1.134	Installing belt (R59)	783
10.1.135	Adjusting belt (R59)	783
10.1.136	Removing and installing belts (R60) and (R61)	784
10.1.137	Removing chain (K62)	784
10.1.138	Installing the chain (K62)	784
10.1.139	Adjusting chain (K62)	784
10.1.140	Removing belt (R63)	785
10.1.141	Installing belt (R63)	785
10.1.142	Adjusting belt (R63)	786
10.1.143	Removing chain (K64)	786
10.1.144	Installing chain (K64)	787
10.1.145	Adjusting chain (K64)	788
<b>10.2</b>	<b>Special tool for drive belts / drive chains</b>	<b>789</b>
10.2.1	Removing belts (R4), (R52)	789
<b>10.3</b>	<b>Accelerator drum drive</b>	<b>790</b>
10.3.1	Removing the engine output pulley of belt (R54)	790
10.3.2	Engine output pulley of belt (R54), exploded view	791
10.3.3	Installing the engine output pulley of belt (R54)	791
10.3.4	Removing the jockey pulley of belt (R54)	792
10.3.5	Jockey pulley of belt (R54), exploded view	793
10.3.6	Installing the jockey pulley of belt (R54)	794
<b>10.4</b>	<b>Threshing mechanism drive</b>	<b>795</b>
10.4.1	Removing the main intermediate drive shaft	795
10.4.2	Installing the main intermediate drive shaft	797
10.4.3	Removing the driven pulley of belt (R9)	799
10.4.4	Installing the driven pulley of belt (R9)	800
10.4.5	Removing the jockey pulley of belt (R9)	802
10.4.6	Jockey pulley of belt (R9), exploded view	803
10.4.7	Installing the jockey pulley of belt (R9)	803
10.4.8	Removing the guide roller of belt (R9)	804
10.4.9	Guide roller of belt (R9), exploded view	805
10.4.10	Installing the guide roller of belt (R9)	805

**Buy Now**



Our support email:

[ebooklibonline@outlook.com](mailto:ebooklibonline@outlook.com)