

# LEGUAN®



# PARTS MANUAL

1/2008  
29.09.2008





## PARTS MANUAL

This parts manual covers the Leguan Lifts 80SX model. Leguan lifts tries to deliver the spare parts with the highest degree of accuracy. However continuous improvement of our products is a Leguan Lifts policy. Therefore product specifications are subject to change without notice.

Readers are encouraged to notify Leguan Lifts about errors and send suggestions for improvements. All suggestions will be carefully considered for future printings of this and other manuals. Please write to the Technical team:

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[www.leguanlifts.com](http://www.leguanlifts.com)

If you have any questions, please contact Leguan Lifts

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## PARTS MANUAL

### Damaged equipment policy

### Safety statement

All Leguan lifts are designed, manufactured and tested to comply with international safety standards. They are CE-certified.

### Damage policy

There may be occasions when a lift is involved in an incident that results structural damage. This can seriously affect the safe performance of the lift. Whenever a lift is damaged structurally or when there is a possibility of structural damage, Leguan Lifts requires that the lift construction and operation must be verified according to local regulations.

If you have any question about this, please call or mail Leguan lifts service.

### Damage repair notice

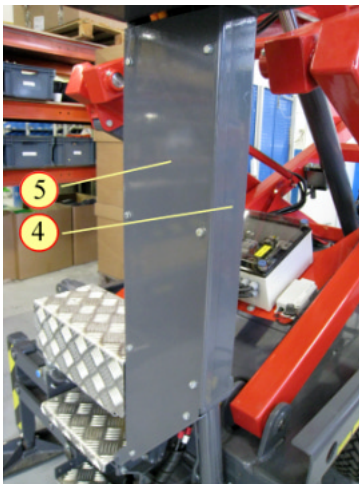
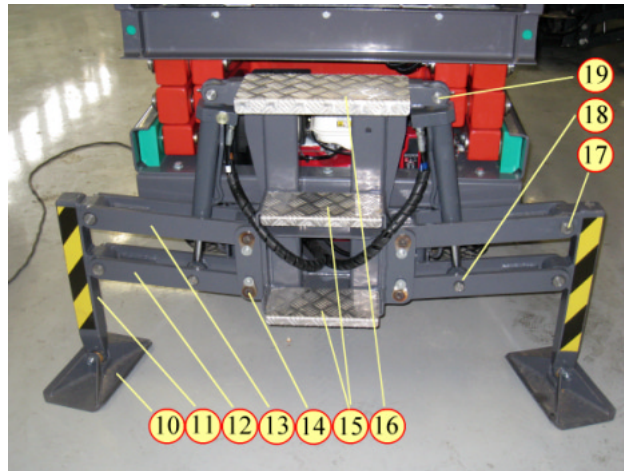
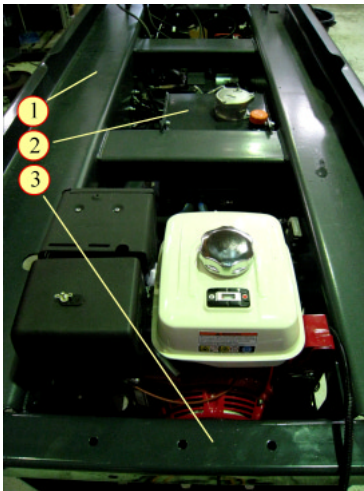
If spare parts needed, use only original Leguan spares. They will provide your lift the maximum life expectancy and ensure optimum safety. Leguan Lifts does not warrant any damages which are the result of using the lift.

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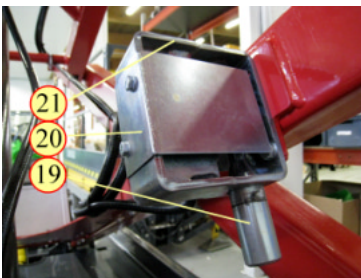
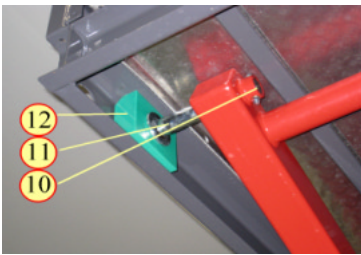
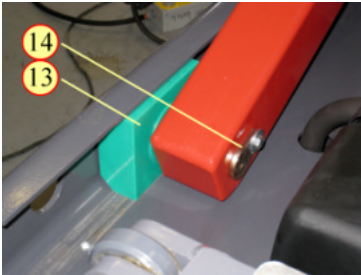
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## 1. CONSTRUCTION PARTS

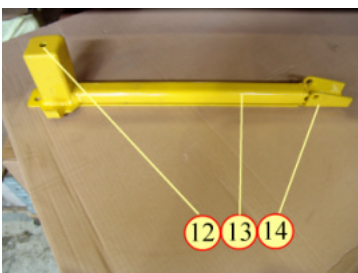
### 1.1 CHASSIS

| POS | PARTNR. | DESCRIPTION       |
|-----|---------|-------------------|
| 1   | L801101 | Chassis           |
| 2   | L801102 | Tank              |
| 3   | L801103 | Beam              |
| 4   | L801104 | Pillar body       |
| 5   | L801105 | Pillar cover      |
| 6   | L801106 | Trottle control   |
| 6B  | L801107 | Trottle cable     |
| 7   | L801108 | Pillar case       |
| 8   | L801109 | Hinge             |
| 9   | L801110 | Pillar case upper |
| 10  | L801111 | Support pad       |
| 11  | L801112 | Outrigger         |
| 12  | L801113 | Outrigger lower   |
| 13  | L801114 | Outrigger upper   |
| 14  | L801115 | Pin               |
| 14B | L801116 | Outrigger body    |
| 15  | L801117 | Step small        |
| 16  | L801118 | Step upper back   |
| 16B | L801119 | Step upper front  |
| 17  | L801120 | Pin               |
| 18  | L801121 | Pin               |
| 19  | L801122 | Pin               |



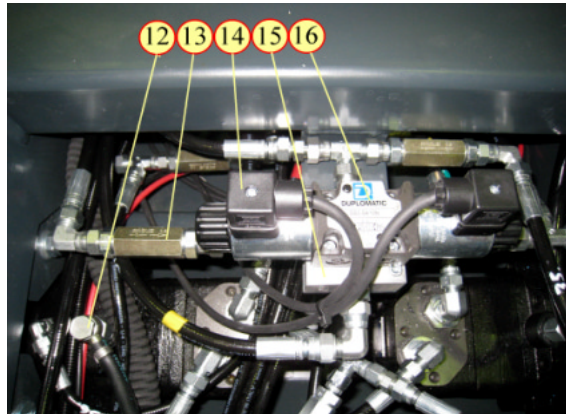
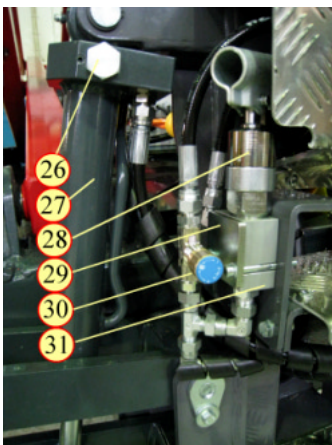
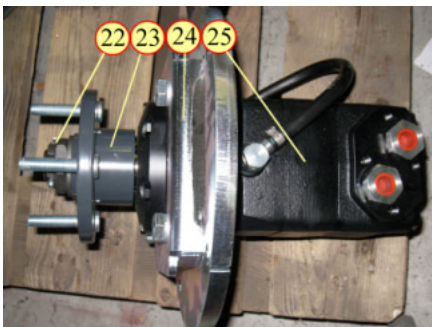
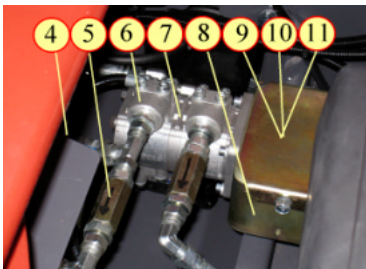
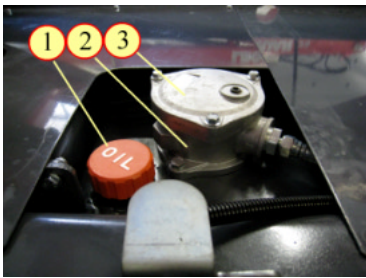
### 1.2 SCISSORS

| POS | PARTNR. | DESCRIPTION          |
|-----|---------|----------------------|
| 1   | L801201 | Scissor lower 1      |
| 2   | L801202 | Scissor lower 2      |
| 3   | L801203 | Scissor mid 1        |
| 4   | L801204 | Scissor mid 2        |
| 5   | L801205 | Scissor upper 1      |
| 6   | L801206 | Scissor upper 2      |
| 7   | L801207 | Pin                  |
| 8   | L801208 | Slide bearing        |
| 9   | L801209 | Ring                 |
| 10  | L801210 | Pin scissor up back  |
| 10B | L801211 | Pin scissor up front |
| 11  | L801212 | Holder scissor up    |
| 12  | L801213 | Slide part up        |
| 13  | L801214 | Slide part down      |
| 14  | L801215 | Pin                  |
| 15  | L801216 | Pin cylinder down    |
| 15B | L801217 | Pin cylinder up      |
| 16  | L801218 | Plate el.box         |
| 17  | L801219 | El.channel lug       |
| 18  | L801220 | El.channel down      |
| 18B | L801221 | El.channel mid       |
| 18C | L801222 | El.channel upper     |
| 19  | L801223 | Position pin         |
| 20  | L801224 | Cover                |
| 21  | L801225 | Limit sw body        |



### 1.3 PLATFORM

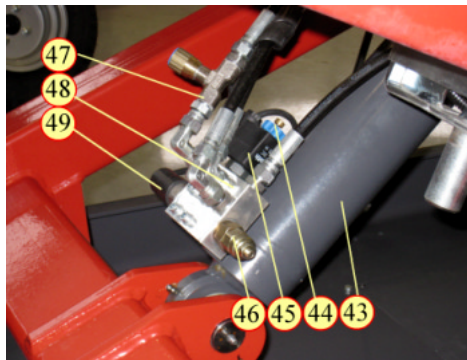
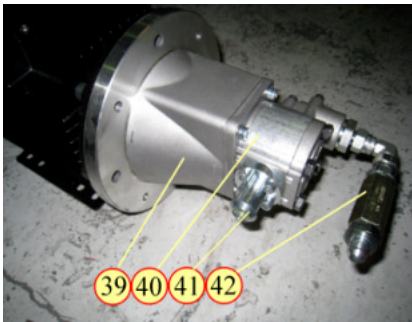
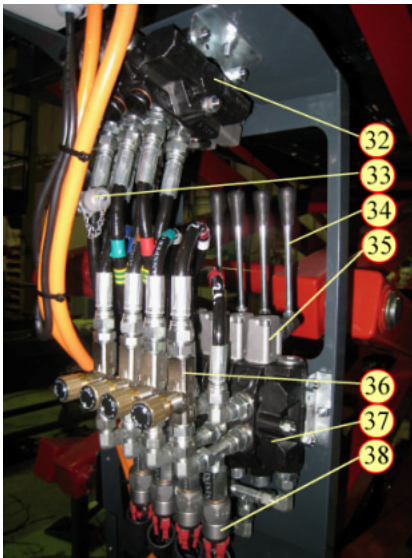
| POS | PARTNR. | DESCRIPTION              |
|-----|---------|--------------------------|
| 1   | L801301 | Body platform            |
| 2   | L801302 | End plate                |
| 3   | L801304 | Handle with grip         |
| 3B  | L801305 | Handle holder            |
| 4   | L801306 | Floor forw               |
| 5   | L801307 | Floor back               |
| 6   | L801308 | Extension floor          |
| 6B  | L801309 | Wheel & bearing          |
| 6C  | L801310 | Extension centralizer    |
| 6D  | L801311 | Wheel connector          |
| 6E  | L801312 | Extension rail left      |
| 6F  | L801313 | Extension rail right     |
| 7   | L801314 | Gate bar complete        |
| 7B  | L801315 | Plastic spiral 15cm      |
| 8   | L801316 | Gate loop                |
| 9   | L801317 | Back plate               |
| 10  | L801318 | Manual box               |
| 11  | L801319 | Electric box cover       |
| 12  | L801320 | Locking spring           |
| 13  | L801321 | Locking device compl.    |
| 15  | L801322 | Gate bar complete        |
| 15B | L801323 | Plastic spiral 15cm      |
| 16  | L801324 | Handrail end back        |
| 17  | L801325 | Handrail extension left  |
| 18  | L801326 | Handrail extension right |
| 19  | L801327 | Handrail left            |
| 20  | L801328 | Handrail end front       |
| 21  | L801329 | Cover plate              |
| 22  | L801330 | Handrail right           |



## 2 HYDRAULIC

### 2.1 IN CHASSIS

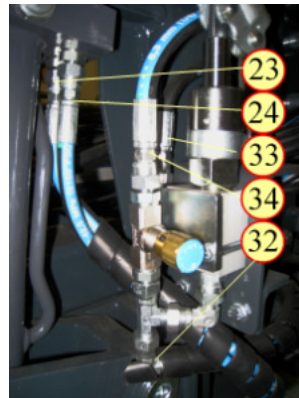
| POS | PARTNR.  | DESCRIPTION               |
|-----|----------|---------------------------|
| 1   | L802101  | Oil stick                 |
| 2   | L802102  | Oil filter complete       |
| 3   | L802103  | Oil filter element        |
| 4   | L802104  | Suction hose              |
| 5   | L802105  | Check valve               |
| 6   | L802106  | Inlet/outlet flange       |
| 7   | L802107  | Hydraulic pump            |
| 8   | L802108  | Coupling housing          |
| 9   | L802109  | Pump Coupling set         |
| 10  | L802110  | Coupling pump side        |
| 10B | L802110B | Coupling motor side       |
| 10C | L802110C | Coupling rubber           |
| 11  | L802111  | Coupling key              |
| 12  | L802112  | Leak line 300mm           |
| 12B | L802112B | Leak line 380mm           |
| 13  | L802113  | Check valve               |
| 14  | L802114  | Connector plug 12vdc      |
| 15  | L802115  | AL block R3/8             |
| 16  | L802116  | Dubromatic                |
| 17  | L802117  | Battery 12vdc             |
| 18  | L802118  | Main switch               |
| 18B | L802118B | Main switch key           |
| 19  | L802119  | Tank line block AL        |
| 20  | L802120  | Valve cartridge           |
| 21  | L802121  | Spool for tank line       |
| 22  | L802122  | Cotter pin                |
| 22B | L802122B | Hexaconal nut             |
| 23  | L802123  | Wheel hub KP OMT          |
| 24  | L802124  | Carrier SX80 MT/B         |
| 25  | L802125  | OMT400                    |
| 25B | L802125B | OMT400/B (brake)          |
| 26  | L802126  | Block valve               |
| 27  | L802127  | Outrigger cylinder        |
| 28  | L802128  | Manual pump               |
| 29  | L802129  | Fitting plate             |
| 30  | L802130  | Flow resistor valve, blue |
| 31  | L802131  | AI block R3/8"            |



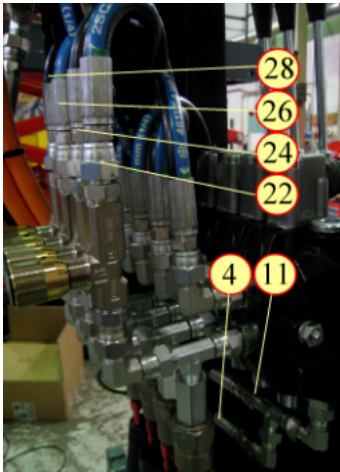
| POS | PARTNR.  | DESCRIPTION            |
|-----|----------|------------------------|
| 32  | L802132  | Selector/Valve block   |
| 33  | L802133  | Pressure tapping       |
| 34  | L802134  | Lever 150mm            |
| 35  | L802135  | Leverhood              |
| 35B | L802135B | Leverhood rubber       |
| 36  | L802136  | Flow resistor valve,bl |
| 37  | L802137  | Outtrigger valve block |
| 38  | L802138  | Pressure switch        |
| 39  | L802139  | Coupling housing AL    |
| 39B | L802139B | Coupling side motor    |
| 39C | L802139C | Coupling side pump     |
| 39D | L802139D | Coupling rubber        |
| 40  | L802140  | Pump 2,0 + Key         |
| 41  | L802141  | Inlet flange           |
| 42  | L802142  | Check valve            |

## 2.2 IN SCISSORS

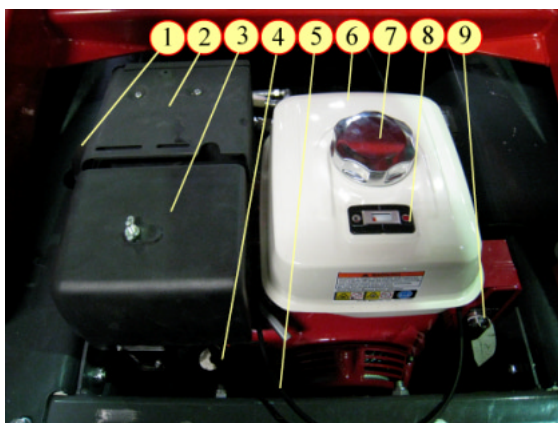
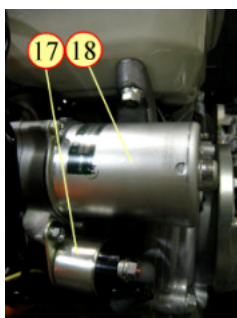
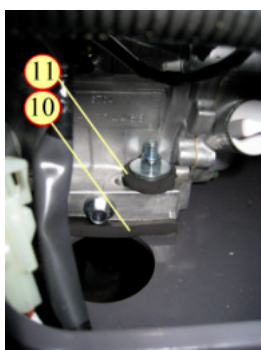
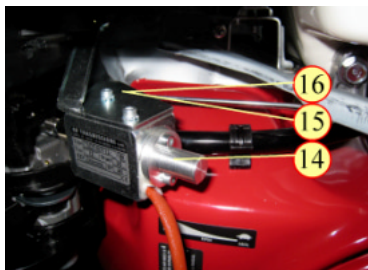
| POS | PARTNR. | DESCRIPTION            |
|-----|---------|------------------------|
| 43  | L802243 | Lift cylinder          |
| 44  | L802244 | Emergency lowering v   |
| 45  | L802245 | Spool for lowering v   |
| 46  | L802246 | Load control valve     |
| 47  | L802247 | Flow resistor valve, B |
| 48  | L802248 | Lift cylinder AL Block |
| 49  | L802249 | Pressure switch        |



### 2.3 HOSES



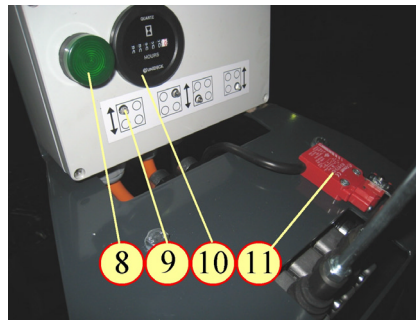
| NR | DESCRIPTION                              | LENGTH |
|----|------------------------------------------|--------|
| 1  | Honda pump – electric motor pump         | 1120   |
| 2  | electric motor pump – control valve      | 2360   |
| 3  | rear right drive motor – drive contro    | 3190   |
| 4  | outrigger valve – tank block left        | 1800   |
| 5  | rear left drive motor - drive control v  | 3440   |
| 6  | front right drive motor - drive contro   | 2360   |
| 7  | front left drive motor - drive control v | 2500   |
| 8  | drive motor – drive motor right          | 1300   |
| 9  | drive motor – drive motor left           | 800    |
| 10 | selector valve – lift valve              | 2360   |
| 11 | selector valve – outrigger valve pre     | 470    |
| 12 | outrigger valve – tank block             | 2360   |
| 13 | tank block - filter                      | 660    |
| 14 | selector valve - tank block              | 2050   |
| 15 | lift valve - tank block                  | 750    |
| 16 | emergency lowering valve - tank blk      | 2050   |
| 17 | suction line, emergency lowering         | 280    |
| 18 | lift valve – load control valve lifting  | 1800   |
| 19 | lift valve – load control valve lowerir  | 1920   |
| 20 | load control valve – cylinder rod sid    | 800    |
| 21 | outrigger valve - FL outrigger cyl. ro   | 2500   |
| 22 | outrigger valve - FL outrigger cyl. pi   | 2500   |
| 23 | outrigger valve - FR tukis. varren pu    | 2500   |
| 24 | outrigger valve - FR outrigger cyl. p    | 2500   |
| 25 | outrigger valve - RL outrigger cyl. rc   | 4660   |
| 26 | outrigger valve - RL outrigger cyl. pi   | 4660   |
| 27 | outrigger valve - RR outrigger cyl. r    | 4660   |
| 28 | outrigger valve - RR outrigger cyl. p    | 4660   |
| 30 | P1-tank block V                          | 1920   |
| 32 | hand pump - tank                         | 1500   |
| 33 | hand pump-Duplomatic lift                | 1600   |
| 34 | hand pump - lift cylinder return         | 1500   |
| 35 | p1-p2                                    | 280    |
| 36 | brake control                            | 300    |
| 37 | brake control                            | 300    |
| 38 | brake control                            | 800    |



### 3. ENGINE

#### 3.1 PETROL ENGINE

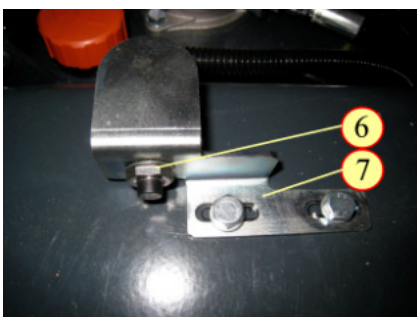
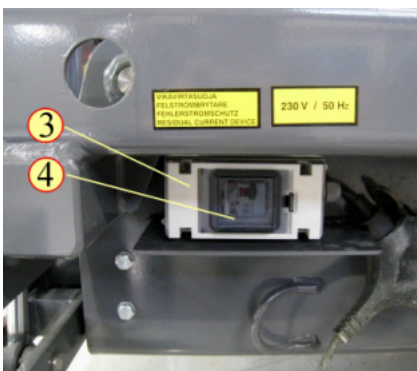
| POS | PARTNR. | DESCRIPTION          |
|-----|---------|----------------------|
| 1   | L803101 | Exhaust              |
| 2   | L803102 | Exhaust cover        |
| 3   | L803103 | Air cleaner element  |
| 5   | L801107 | Gas cable            |
| 6   | L803106 | Tank small           |
| 7   | L803107 | Tank cap             |
| 8   | L803108 | Fuel gauge           |
| 9   | L803109 | Ignition lock        |
| 10  | L803110 | Vibration damper     |
| 11  | L803111 | Rubber washer        |
| 12  | L803112 | Spark plug           |
| 13  | L803113 | Choke axle           |
| 14  | L803114 | Choke solenoid       |
| 15  | L803115 | Choke assembly set   |
| 16  | L803116 | Choke assembly brace |
| 17  | L803117 | Start solenoid       |
| 18  | L803118 | Start motor          |

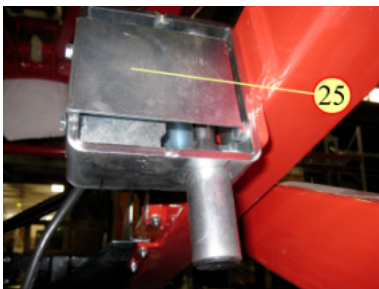
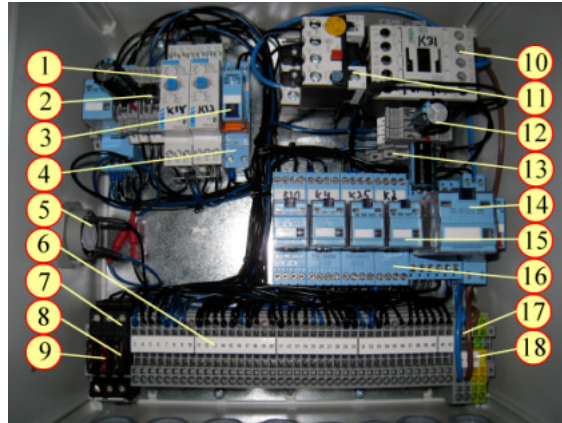
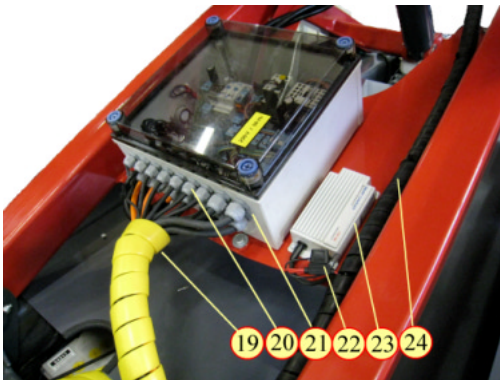


### 4.0 ELECTRIC SYSTEM

#### 4.1 IN CHASSIS

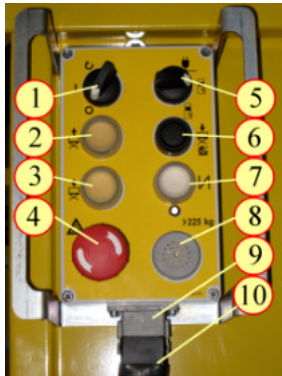
| POS | PARTNR.  | DESCRIPTION         |
|-----|----------|---------------------|
| 1   | L802118  | Main switch         |
| 1B  | L802118B | Main key            |
| 2   | L804102  | Main switch locking |
| 3   | L804103  | RCD unit            |
| 3B  | L804103B | RDC unit cover      |
| 4   | L804104  | RCD                 |
| 5   | L804105  | Limit switch        |
| 6   | L804106  | Limit switch IND    |
| 7   | L804107  | Bracket             |
| 8   | L804108  | Indicator unit      |
| 8B  | L804108B | Indicator unit lamp |
| 9   | L804109  | Indicator Led       |
| 10  | L804110  | Hour meter          |
| 11  | L804111  | Limit switch        |





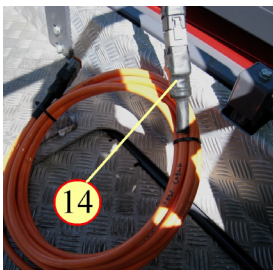
### 4.2 IN SCISSORS

| POS | PARTNR.  | DESCRIPTION            |
|-----|----------|------------------------|
| 1   | L804201  | Time relay             |
| 2   | L804202  | Diod                   |
| 3   | L804203  | Relay 6pin 230vac      |
| 4   | L804204  | Relay socket 6pin      |
| 5   | L804205  | Buzzer                 |
| 6   | L804206  | Terminal block UK2,5   |
| 7   | L804207  | Terminal block fuse    |
| 8   | L804208  | Fuse 5A                |
| 9   | L804209  | Fuse 10A               |
| 10  | L804210  | Contactor              |
| 11  | L804211  | Thermal overload relay |
| 12  | L804212  | Condencator            |
| 13  | L804213  | End plate UK2,5        |
| 14  | L804214  | Relay 11pin            |
| 14B | L804214B | Relay socket 11pin     |
| 15  | L804215  | Relay 8pin             |
| 16  | L804216  | Relay socket 8pin      |
| 17  | L804217  | Terminal block UK4     |
| 18  | L804218  | Terminal block GND     |
| 19  | L804219  | Spiral Yellow 70cm     |
| 20  | L804220  | Cable inlet PG9        |
| 21  | L804221  | Cable inlet PG13,5     |
| 22  | L804222  | Fuse 10A               |
| 23  | L804223  | Battery charger SX     |
| 24  | L804224  | Spiral Black 3m        |
| 25  | L804225  | Indicator switch       |



### 4.3 ON PLATFORM

| POS. | PARTNR. | DESCRIPTION                              |
|------|---------|------------------------------------------|
| 1    | L804301 | Start selector                           |
| 2    | L804302 | Button UP                                |
| 3    | L804303 | Button DOWN                              |
| 4    | L804304 | Emergency lowering                       |
| 5    | L804305 | Selector                                 |
| 6    | L804306 | Em-Lowering button                       |
| 7    | L804307 | Button choke                             |
| 8    | L804308 | Buzzer overload                          |
| 9    | L804309 | Spoke body + pad                         |
| 10   | L804310 | Adapter                                  |
| 11   | L804311 | Cable 15m                                |
| 12   | L804312 | Cable inlet PG13,5                       |
| 13   | L804313 | Socket 2x                                |
| 14   | L804314 | Extension cable<br>(for service purpose) |



Purchaser \_\_\_\_\_  
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Serial \_\_\_\_\_

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