

ORIGINAL INSTRUCTIONS

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 **WARNING:** Before operating the tool, read carefully the following instructions and the Safety Guide instructions.

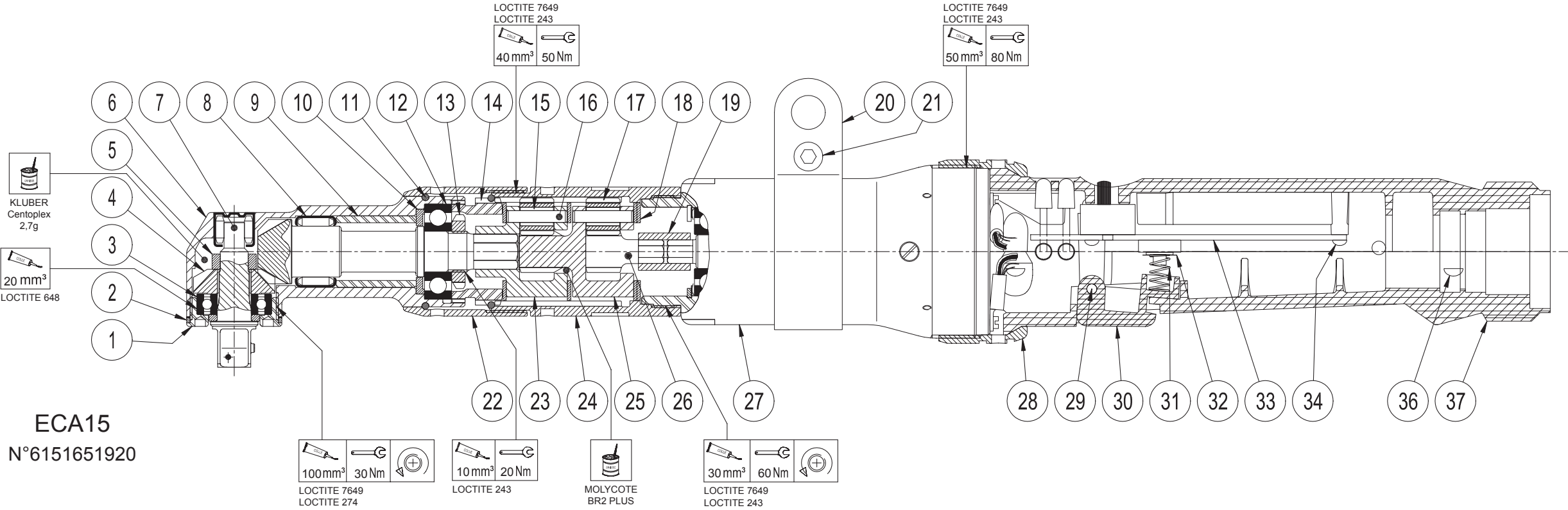
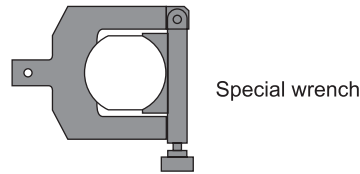
- To avoid damaging the tool during disassembly, use the recommended tools.
- When disassembling the handle, be careful not to pull on the electric wires which are connected to the motor.
- Any repair on the motor shall be carried out in our workshops.
- As specific adjustment tools are necessary to replace the angle head bevel gears, it is recommended to replace the angle head for a complete shop-adjusted subassembly.
- The bevel gear should be cleaned and relubricated every 100 000 for maximum service life.

Meaning of the pictograms

-  Left hand thread
-  When reassembling, apply the recommended glue
-  When reassembling, tighten to the required torque
-  When reassembling, lubricate with the required grease.

Specific tools

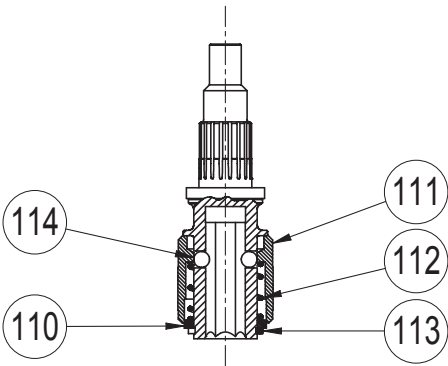
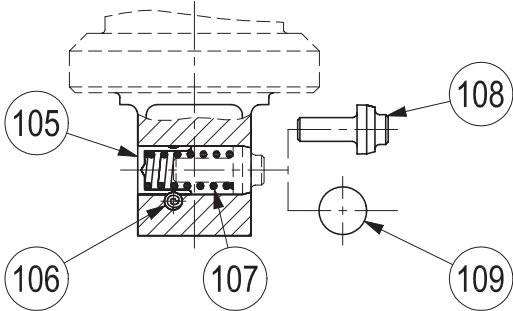
| Description               | Part number             |
|---------------------------|-------------------------|
| Removal of bevel gear     | 6159611380              |
| Removal of bevel gear nut | 6159610370              |
| Pin wrench                | 6158020110              |
| Special wrench of 36 mm   | 6159609260              |
| Special wrench of 40 mm   | 6159606900              |
| Pulling out casing nut    | 6159609150 + 6159609080 |



| ECA15          |             |                |
|----------------|-------------|----------------|
| Item           | Part number | Description    |
| 11;14-19;22-26 | 6153962980  | Reduction gear |
| 28-37          | 6153900460  | Handle         |
| 1-10;12;13     | 6153963340  | Angle head     |

| Item | Part number | Description           |
|------|-------------|-----------------------|
| 1    | 6156721340  | Angle head casing nut |
| 2    | 6156620940  | Set ring AH1          |
| 3    | 6157581090  | Bearing               |
| 4    | 6153960470  | Bevel gear            |
| 5    | 6156600550  | Stop ring             |
| 6    | 6155952690  | Angle head casing     |
| 7    | 6155210990  | Output shaft 3/8"     |
| 8    | 6157850640  | Needle socket         |
| 9    | 6156661500  | Spacer                |
| 10   | 6156420680  | Washer                |
| 11   | 6156890460  | Circlip               |
| 12   | 6157530120  | Bearing               |
| 13   | 6156050840  | Nut                   |
| 14   | 6154760770  | Indexing gear ring    |
| 15   | 6157880170  | Needle bearing        |
| 16   | 6157901070  | Pin                   |
| 17   | 6154700910  | Planet wheel          |
| 18   | 6156420670  | Washer                |
| 19   | 6155751020  | Coupling sleeve       |
| 20   | 6155710560  | Suspension bail       |
| 21   | 616.99      | Screw                 |
| 22   | 6156731120  | Nut                   |
| 23   | 6154751690  | Output planet cage    |
| 24   | 6154760820  | Gear ring             |
| 25   | 6154751000  | Planet cage           |
| 26   | 6155800900  | Drive pinion          |

| Item | Part number | Description    |
|------|-------------|----------------|
| 27   | 6153941540  | Motor          |
| 28   | 6156730940  | Crankcase nut  |
| 29   | 6157901080  | Pin            |
| 30   | 6153100390  | Trigger        |
| 31   | 6156810820  | Spring         |
| 32   | 6156451680  | Washer         |
| 33   | 6159187575  | Memory board   |
| 34   | 6156140730  | Screw          |
| 36   | 6156140700  | Screw          |
| 37   | 6153031070  | Handle         |
| 105  | 6155953120  | Spring guide   |
| 106  | 6156370730  | Pin            |
| 107  | 6156811190  | Spring         |
| 108  | 6156250700  | Catch finger   |
| 109  | 6157700280  | Ball           |
| 110  | 6156420410  | Guiding washer |
| 111  | 6156610680  | Locking ring   |
| 112  | 6156810060  | Lock spring    |
| 113  | 6156890090  | Circlip        |
| 114  | 6157700110  | Ball           |



OPTION:  
PRESTO OUTPUT SHAFT