1. **Tools needed:**
   a. PH1 driver
   b. PH2 driver
   c. Flat 9 & 10 mm driver
   d. Needle pin
   e. Special valve tool – item no. 15268
   f. Gasket repair kit – item no. 17131

2. **Removal of barrel section from stock:**
   a. Remove the Co2 cartridge lid
   b. The lid can be lifted off without tools
   c. Note the 2 taps that hold the grip plastic part

3. **Removal of outer barrel:**
   a. Remove grip plastic part
   b. On each side there are 2 taps holding the plastic part
   c. Lift each side, while moving the plastic grip forward
   d. Again no tools are needed and it should come of easily

1. **Lose part:**
   a. Take care that you do not lose this plastic part
   b. It is only kept in place by the plastic grip

2. **Removal of cover plate:**
   c. Remove the 4 screws with the PH2 driver.
3. Removal of cover plate:
   a. The cover plate can be lifted straight up
   b. Do not tilt the plate while lifting it off the gun

4. Removal of hammer:
   a. The hammer can be lifted straight up
   b. Mind the spring while lifting the hammer
   c. Hold as shown on the picture

5. Removal of valve section:
   a. Remove the 4 screws with the PH1 driver

6. Removal of valve section:
   a. Lift the valve straight up of the holding pin

7. Removal outer gasket:
   a. Unscrew the holding ring with the flat driver
   b. Take care not to break the ring!
8. Removal of outer gasket:
   a. Pry the gasket out, using the needle pin
   b. A small flat driver can also be used

9. Opening of the cylinder:
   a. Use the special valve tool (15268)
   b. Unscrewing is done counter clockwise
   c. Take note of the order and alignment of the parts inside the valve while taking out – it IS important!

10. Content of valve section:
    a. Note that the gaskets on each side of the brass cover have been taken off using the needle pin.
    b. Picture shows the order the part when assembled

11. Placing the new gaskets:
    a. Place the new gasket in the brass lid and the valve housing.
    b. Take care not to scratch the gaskets
    c. Note the direction of the aluminium ring
    d. Note that the green O-ring should be under the metal washer in the bottom of the valve housing
    e. Place the firing pin and spring
    f. The green O-ring on the brass lid should not be visible when closed.

12. Placing the new gaskets:
    a. Note the raised middle of the green gasket should be facing outwards
    b. The holding ring should be tightened until it is flush with the valve housing.
13. Placing the new gaskets:
   a. Note the notch in the gasket

14. Placing the valve section:
   a. Slide the valve section onto the holding pin
   b. Tighten the 2mm screw with the PH1 driver

15. Placing the hammer assembly:
   a. Get the spring guide into place
   b. Slide the assembly onto the holding pin

16. Mounting the cover plate:
   a. Take care not to over tighten the 4 screws
   b. Use the PH2 driver

17. Replace the grip:
   a. Slide the front plastic part first
   b. Attach the CO2 cartridge lid last
   c. You are done 😊