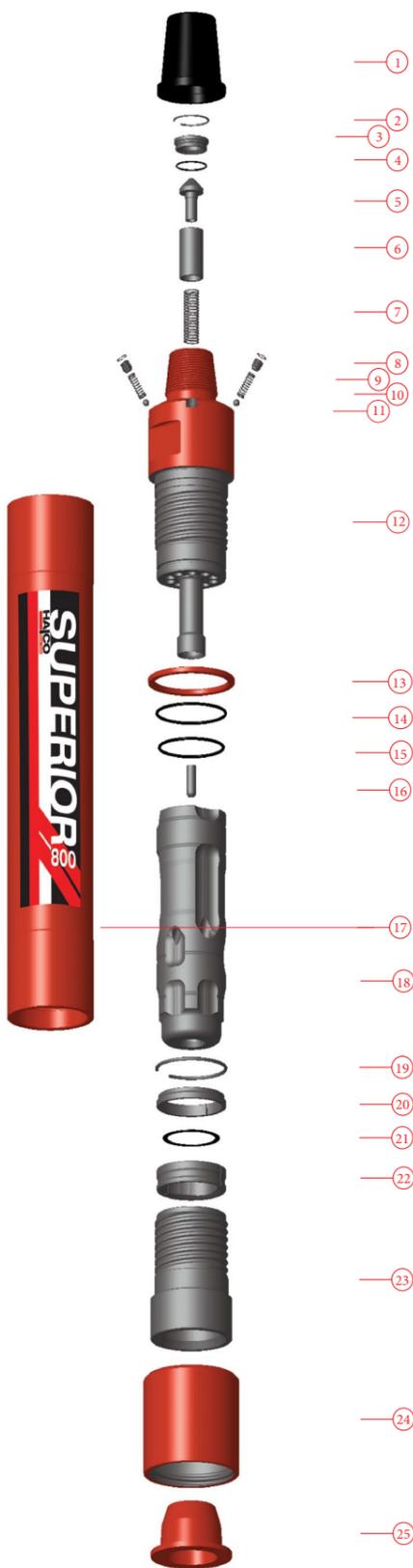


# SUPERIOR 800 MAINTENANCE SHEET - HOW TO ASSEMBLE



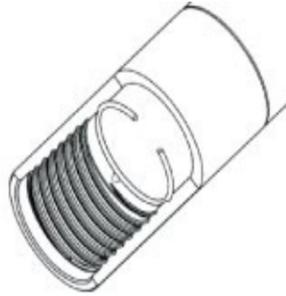
**A.** Before assembly ensure that all components are cleaned, greased and lubricated. Lay out components in the order of the illustration above for ease of identification.



**B.** Secure Cylinder (17) on a bench or suitable stripping equipment. The cylinder has two identically positioned snap ring grooves and is reversible.



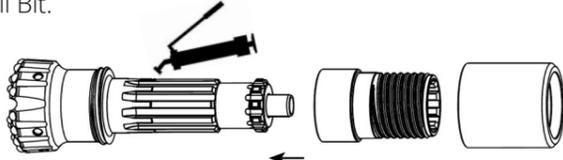
**C.** Insert Snap Ring (19) into bottom of Cylinder (17). Ensure that it sits in the snap ring groove.



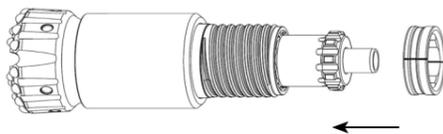
**D.** Fit 'O' Ring (21) onto Bit Guide Bush (20). Ensure it sits in the 'O'Ring groove. Insert Bit Guide Bush (20) into bottom of Cylinder (16).



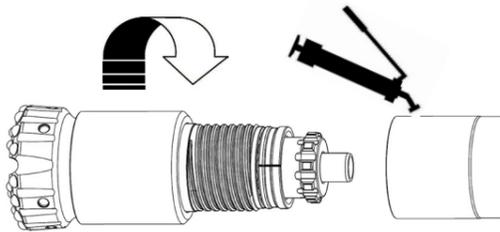
**E.** Grease Splines and fit Chuck (23) and Shroud (24) onto Drill Bit.



**F.** Fit Bit Retaining Ring (20) onto Drill Bit.

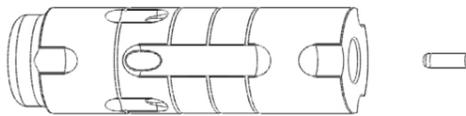


**G.** Grease threads and screw the Drill Bit, Chuck (23) and Bit Retaining Ring (22) into the bottom of the Cylinder (17) until fully tightened.

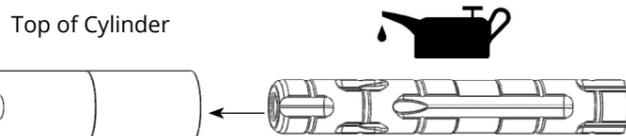


**H.** Insert Bleed Plug (16) into the top of the Piston (18). Ensure it is pushed fully into the bleed hole.

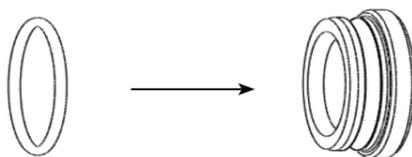
PLUGS AVAILABLE:  
BLANK  
4 mm  
6 mm  
8 mm



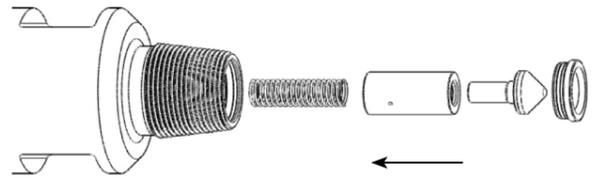
**I.** Coat Piston (18) liberally with rock oil - minimum 200 centistroke and insert into the top of the Cylinder (17). Ensure that the Piston is inserted the right way around - as illustrated below.



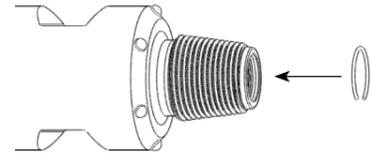
**J.** Fit 'O' Ring (4) to N.R.V. Seat (3). Ensure it sits in the 'O' Ring groove.



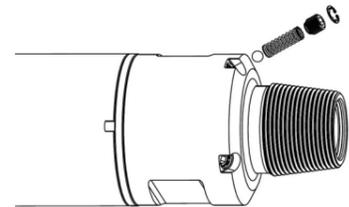
**K.** Insert N.R.V. Assembly (3-7) into Top Adaptor (12).



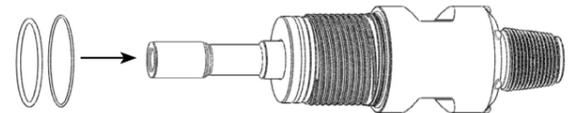
**L.** Insert Snap Ring (2) into Top Adaptor (12). Ensure it sits in the snap ring groove.



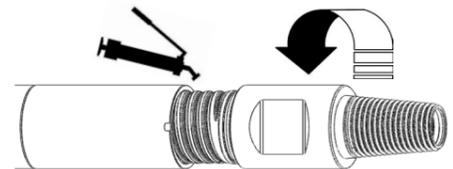
**M.** Insert Bypass N.R.V. Assembly containing items (8-11) into Top Adaptor (12).



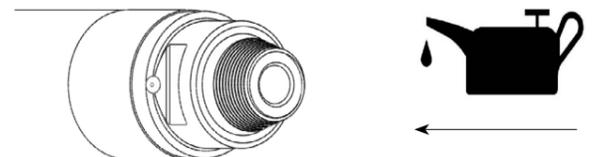
**N.** Fit 'O'Rings (14&15) and Spacer (13) onto Top Adaptor (12). Ensure the O'Rings sit in the 'O'Ring grooves.



**O.** Grease threads and screw Top Adaptor (12) into Cylinder (17) until fully tightened.



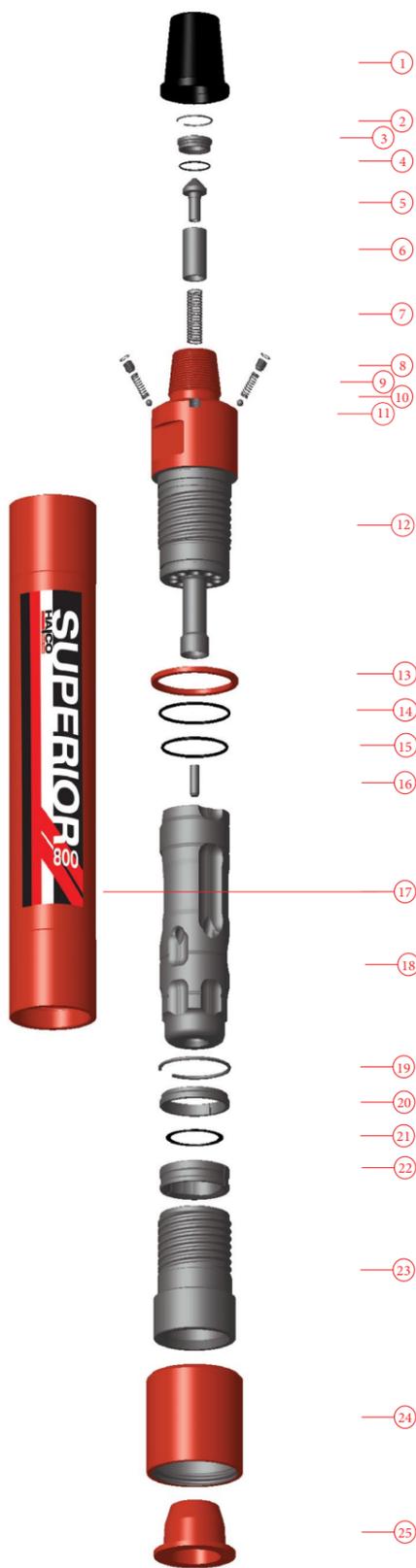
**P.** Depress N.R.V. (5) and pour 1/3 litre of air line oil into the hammer.



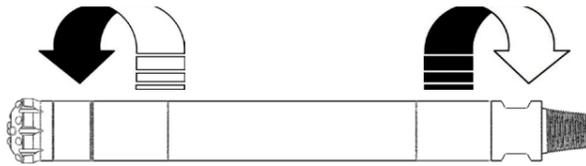
If you need further assistance, please call us on:  
(0)1422 399900 or email [salesuk@halcorocktools.com](mailto:salesuk@halcorocktools.com)

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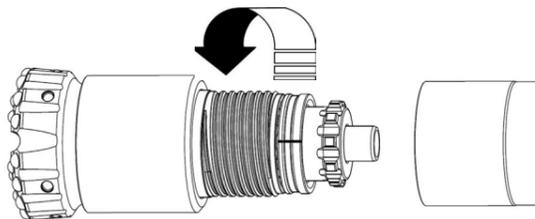
# SUPERIOR 800 MAINTENANCE SHEET - HOW TO DISMANTLE



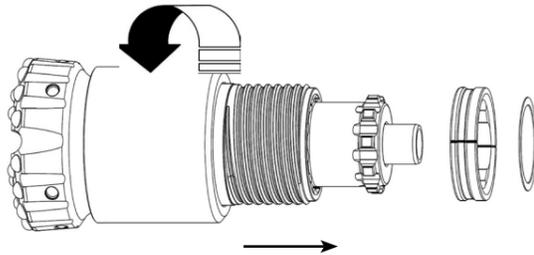
**B.** Break the top joint between Cylinder (17) and Top Adaptor (12) and bottom joint between Cylinder (17) and Chuck (23).



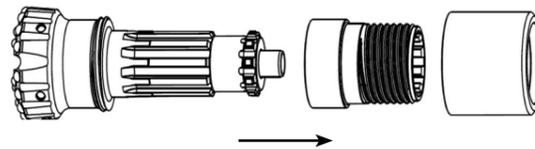
**C.** Unscrew and remove the Chuck (23) and Shroud (24) from the Cylinder (17).



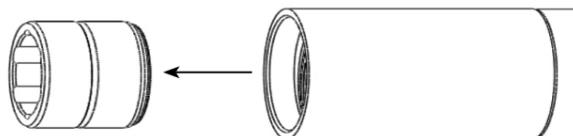
**D.** Remove the Bit Retaining Ring (22) from The Drill Bit. The the 'O'Ring (21) from the Bit Retaining Ring (22)



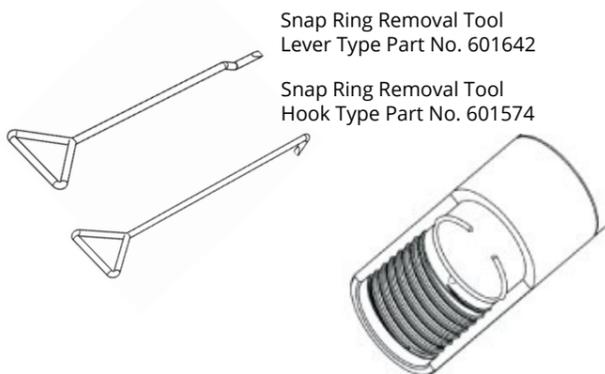
**E.** Remove the Chuck (23) and the Shroud (24) from the Drill Bit.



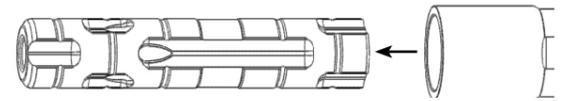
**F.** Remove Bit Guide Bush (20) from Cylinder (17).



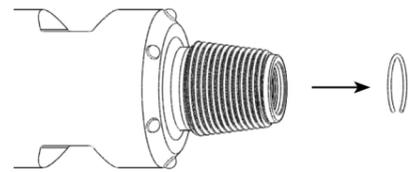
**G.** Remove Snap Ring (19) from the Cylinder (17) using the tools illustrated below.



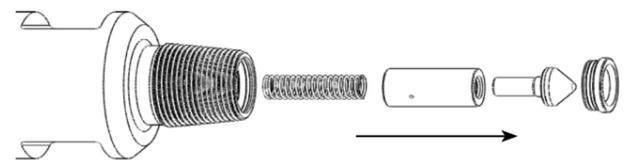
**H.** Remove Piston (18) from Cylinder (17).



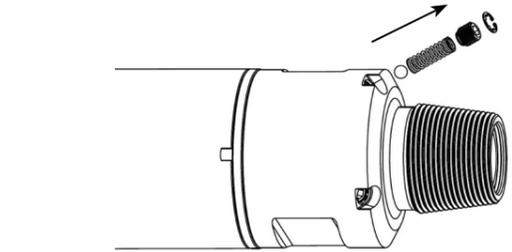
**I.** Remove Snap Ring (2) from Top Adaptor (12).



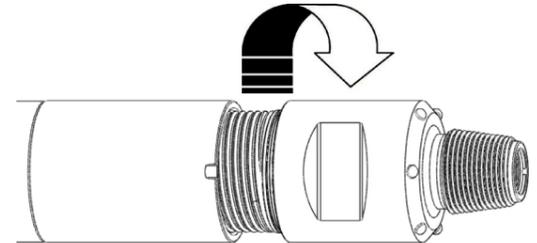
**J.** Remove N.R.V. Assembly (3-7) from Top Adaptor (12).



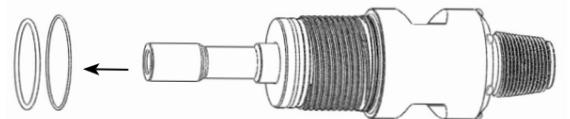
**K.** Remove Bypass N.R.V. Assembly (8-11) from Top Adaptor (12).



**L.** Unscrew and remove Top Adaptor (12) from the Cylinder (17).



**M.** Remove 'O' Rings (14&15) and Spacer (13) from the Top Adaptor (12).



**DO NOT** apply heat or direct impact to the outside of the hammer as this usually damages the equipment.



**A.** When dismantling hammers it is essential that cylinders are clamped into the correct position, away from threads, which can be damaged.



**X & Y = DO NOT CLAMP HERE**  
X = 245 mm (9.646")  
Y = 445 mm (17.520")

If you need further assistance, please call us on:  
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