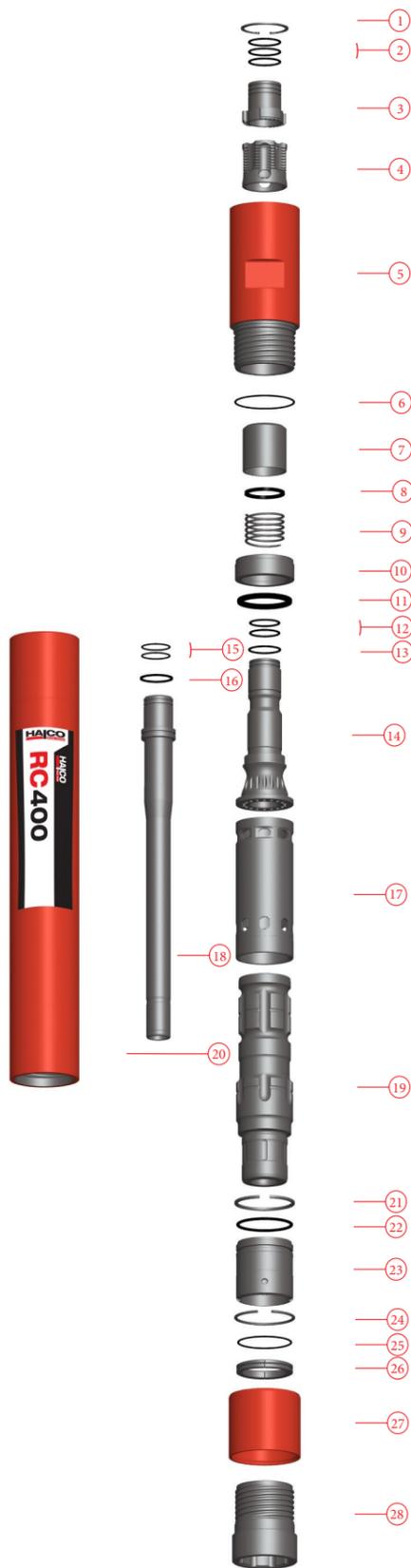


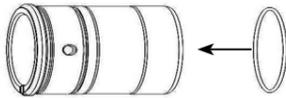
RC400 & RC500 MAINTENANCE SHEET - HOW TO ASSEMBLE



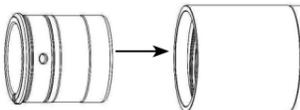
D. Insert Square Snap Ring (21) into bottom of Cylinder (20). Ensure it sits in the correct snap ring groove.



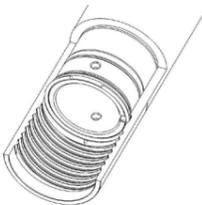
E. Fit 'O'Ring (22) onto Guide Bush (23). Ensure it sits correctly in the 'O'Ring groove.



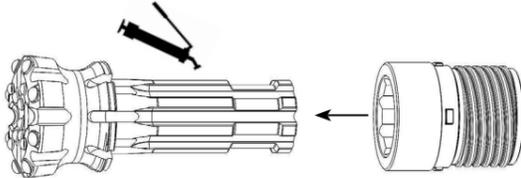
F. Insert Guide Bush (23) into bottom of Cylinder (20). Ensure it sits against the Square Snap Ring (21).



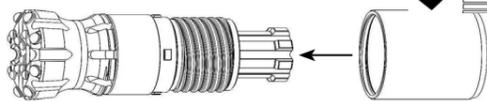
G. Insert Snap Ring (24) into bottom of Cylinder (20). Ensure it sits in the correct snap ring groove.



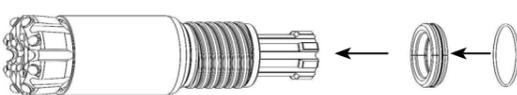
H. Grease splines and fit Chuck (28) onto Drill Bit.



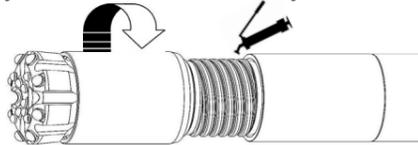
I. Screw Bit Catcher (27) over thread on Drill Bit. Ensure it sit up against shoulder on Chuck (28).



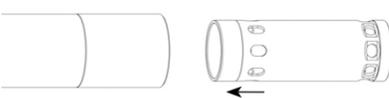
J. Fit 'O' Ring (25) onto Bit Retaining Ring (26). Fit Bit Retaining Ring (26) onto Drill Bit.



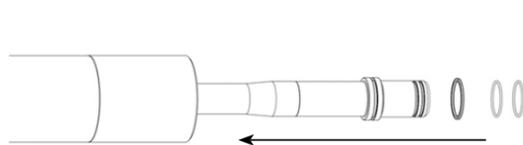
K. Grease threads and screw Drill Bit and Chuck Assembly (25-28) into bottom of Cylinder (20).



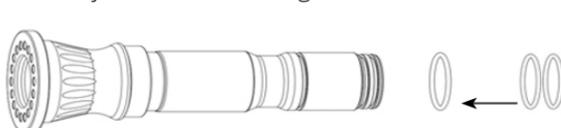
L. Insert the Liner (17) into top of Cylinder (20). Ensure it sits up against the shoulder in cylinder.



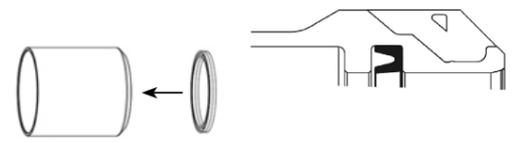
M. Fit 'O'Rings (15) and Sample Tube Seal (16) onto Sample Tube (18). Insert Sample Tube (18) into top of Cylinder (20). Ensure it sits into recess in Liner (17).



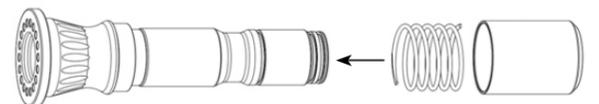
N. Fit 'O'Rings (12 & 13) onto Upper Sample Tube (14). Ensure they sit in the correct grooves.



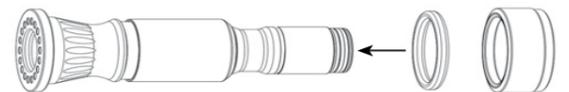
O. Fit N.R.V. Seal (8) into N.R.V. (7). Ensure it locates correctly in the groove and is orientated as shown below.



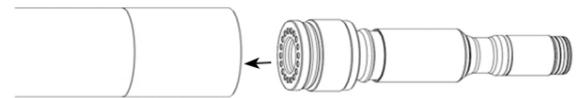
P. Fit N.R.V. (7) and N.R.V. Spring (9) onto Upper Sample Tube (14).



Q. Fit Compression Ring (11) & Compression Spacer (10) onto the Upper Sample Tube (14). Ensure they sit fully against the shoulder of the Upper Sample Tube.



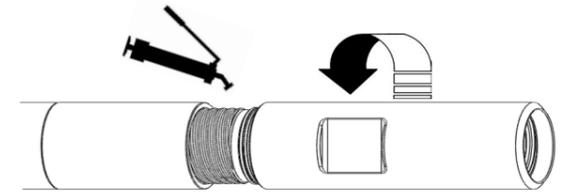
R. Insert Upper Sample Tube Assembly (7-14) into top of the Cylinder (20). Ensure it sits fully onto the end of the Sample Tube (18).



S. Fit 'O'Ring (6) onto the Top Adaptor (5). Ensure it sits in the 'O'Ring groove.



T. Grease threads and screw Top Adaptor (5) into the top of the Cylinder (20) until fully tightened.



U. Insert Filter (4) into the Top Adaptor (5). Ensure it sits fully against the shoulder.



V. REMET VERSIONS ONLY

Fit 'O'Rings (2) onto Tube Connector (3). Ensure they sit correctly in the 'O'Ring grooves



W. Insert the Tube Connector (3) & Snap Ring (1) into the Top Adaptor (5). Ensure the Snap Ring (1) sits fully in the Snap Ring groove.



X. Pour 1/3 of a litre of air line oil into the hammer between Top Adaptor (5) and Tube Connector (3).



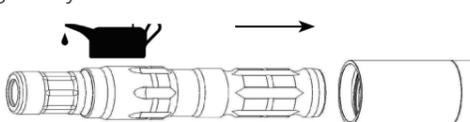
A. Before assembly ensure that all components are cleaned, greased and lubricated. Lay out components in the order of the illustration above for ease of identification.



B. Secure Cylinder (20) on a bench or suitable stripping equipment. The cylinder is not reversible and the bottom of the hammer is the cylinder end where the internal snap ring groove is situated.



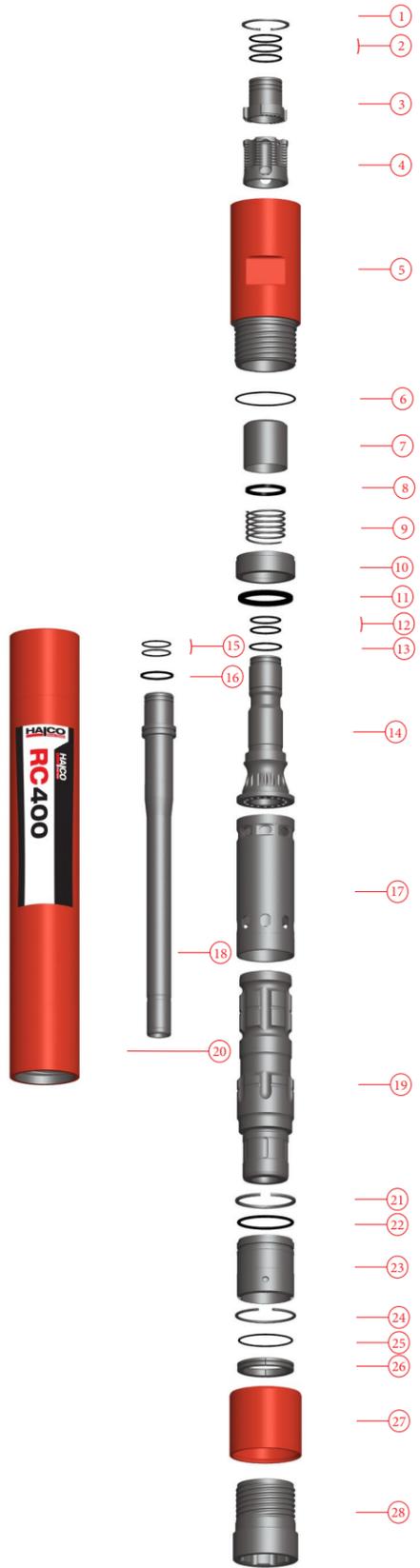
C. Coat the Piston (19) liberally with rock oil - minimum 200 centistroke and insert into bottom of Cylinder (20). Ensure it faces the right way as illustrated.



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

HAJCO
Rock Tools

RC400 & RC500 MAINTENANCE SHEET - HOW TO DISMANTLE



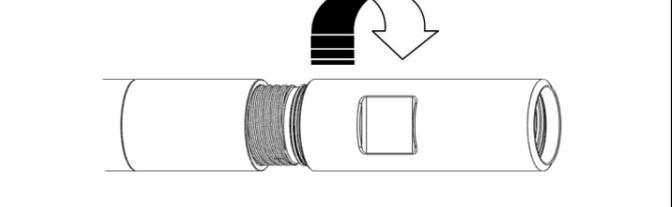
C. Remove Circlip (1) and Tube Connector (3) from Top Adaptor (5).



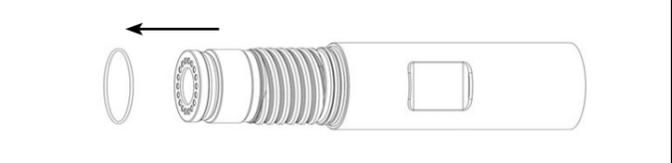
D. REMET VERSIONS ONLY.
Remove 'O' Rings (2) from Tube Connector (3).



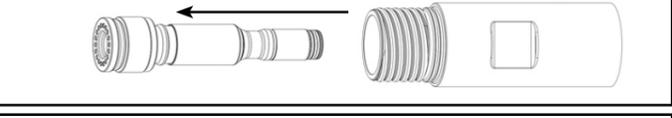
E. Unscrew and remove Top Adaptor (5) from Cylinder (2), this should also remove the Upper Sample Tube (14).



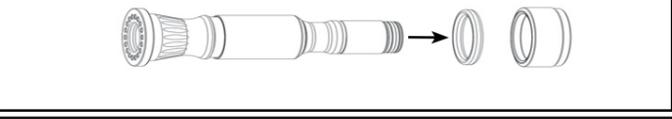
F. Remove 'O' Ring (6) from Top Adaptor (5).



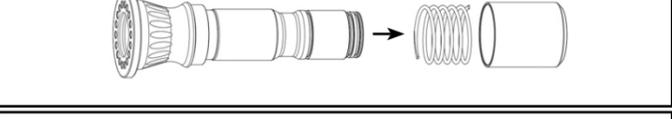
G. Remove Upper Sample Tube (14), Compression Ring (11), Spacer (10) and N.R.V. (7) from Top Adaptor (5).



H. Remove Compression Spacer (10) and Compression Ring (11) from Upper Sample Tube (14).



I. Remove N.R.V. (7) and N.R.V. Spring (9) from Upper Sample Tube (14).



J. Remove N.R.V. Seal (8) from N.R.V. (7).



K. Remove 'O' Rings (12 & 13) from Upper Sample Tube (14).



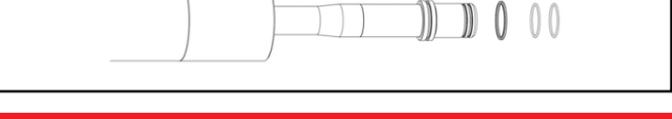
L. Remove Filter (4) from Top Adaptor (5).



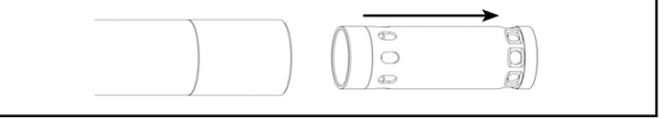
M. Remove Sample Tube (18) from Cylinder (20).



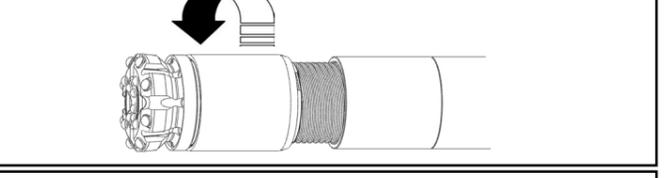
N. Remove 'O' Rings (15), Sample Tube (18) and Sample Tube Seal (16) from Cylinder (20).



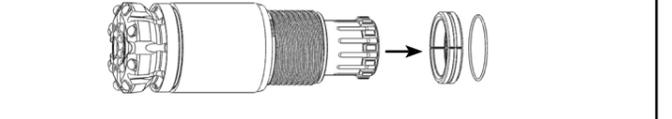
O. Remove Liner (17) from Cylinder (20).



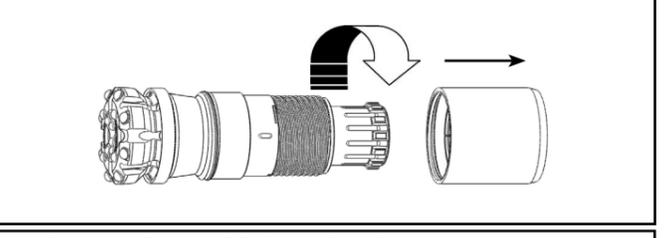
P. Unscrew and remove Drill Bit, Bit Catcher (27), Chuck (28) and Bit Retaining Ring (26) from Cylinder (20).



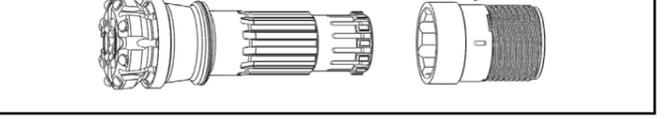
Q. Remove Bit Retaining Ring (26) from Drill Bit.



R. Unscrew and remove Bit Catcher (27) from Bit.



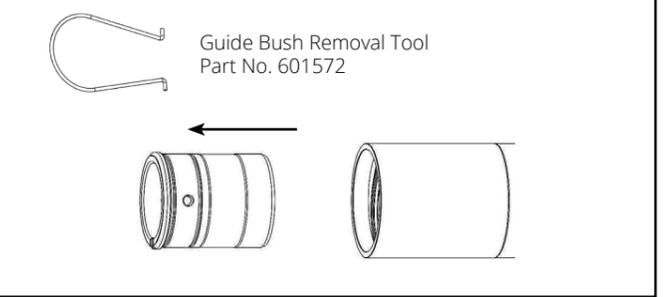
S. Remove Chuck (28) from Drill Bit.



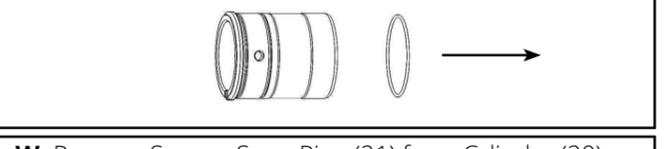
T. Remove Snap Ring (24) from Cylinder (20).



U. Remove Guide Bush (23) from Cylinder (20).



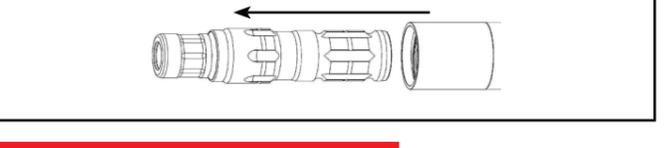
V. Remove 'O' Ring (22) from Guide Bush (23).



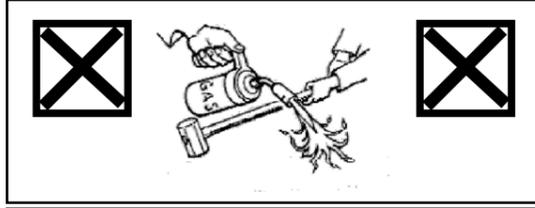
W. Remove Square Snap Ring (21) from Cylinder (20).



X. Remove Piston (19) from Cylinder (20).



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 in the correct position, away from threads, which can be damaged.



X & Y = DO NOT CLAMP HERE
RC400 X = 221 mm, Y = 342 mm
RC500 X = 254 mm, Y = 370 mm

B. Break the top joint between the Cylinder (20) and the Top Adaptor (5) and bottom joint between Cylinder (20) and Chuck (28).



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

