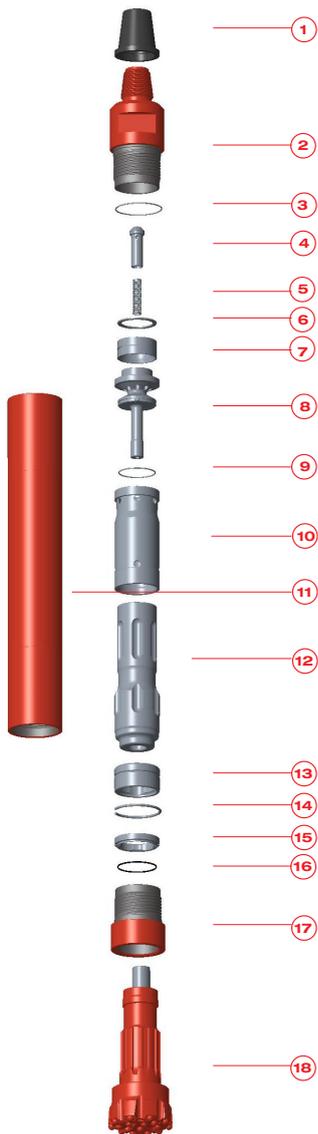


# GP600 MAINTENANCE SHEET

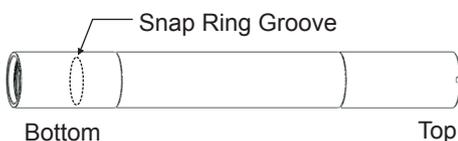
## HOW TO ASSEMBLE A GP600 HAMMER



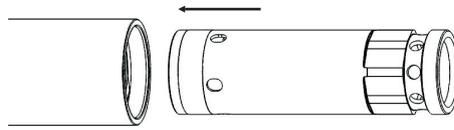
**A.** Before assembly ensure that all components are cleaned, greased and lubricated. Lay out the component parts in the order of the illustration above for easier identification.



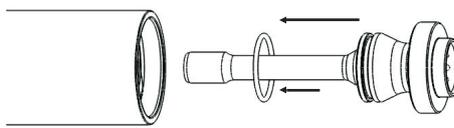
**B.** Secure the cylinder (11) on suitable stripping bench equipment. This cylinder is **NOT** reversible. The bottom of the cylinder has an internal snap ring groove.



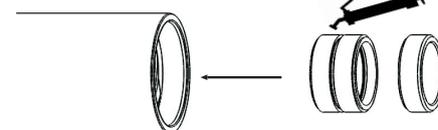
**C.** Insert liner (10) into top of the cylinder (11). Ensure it sits up to the shoulder of the cylinder (11).



**D.** Fit O'Ring (9) onto air distributor (8). Insert air distributor (8) into cylinder (11), ensure it seats up fully against the liner (10).



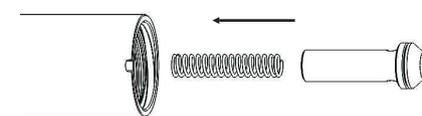
**E.** Grease compression spring (7) and along with spacer (6) insert into cylinder (11), ensure the compression spring (7) fits over the end of the air distributor (8).



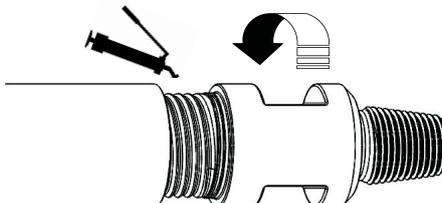
**F.** Insert the required NRV plug into the hole in the non return valve (4) and knock into place. Ensure the plug does not interfere with the operation of the valve (4).



**G.** Insert non return valve (4) and NRV spring (5) into cylinder (11) ensure it sits within the air distributor (8) bore.



**H.** Grease threads and screw top adaptor (2) into top of cylinder (11) until fully tightened. Ensure the O'Ring (3) is fitted into the O'Ring groove.



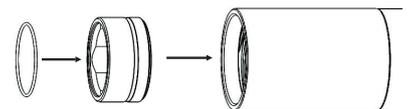
**I.** Coat piston (12) liberally with rock oil - 200 centistroke and insert into the bottom of the cylinder (11) ensure it is facing the right way, as illustrated.



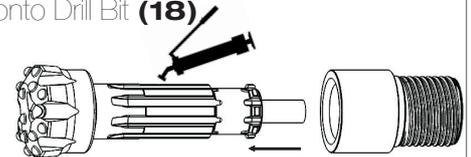
**J.** Insert snap ring (16) into bottom cylinder (11). Ensure it sits into snap ring groove.



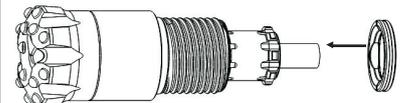
**K.** Insert O'Ring (16) onto guide bush then insert into cylinder (11). Ensure it sits against the snap ring (14).



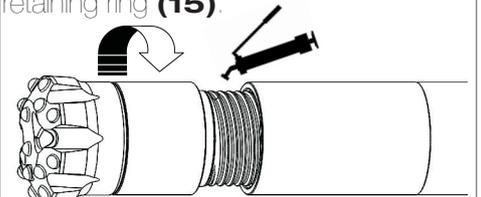
**L.** Grease splines and fit chuck (17) onto Drill Bit (18)



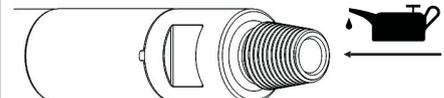
**M.** Fit bit retaining ring (15) onto the drill bit (18).



**N.** Grease the threads and screw the drill bit (18), chuck (16) and bit retaining ring (15).



**O.** Depress non return valve (5) and pour 1/3 rd of air line oil into the hammer.

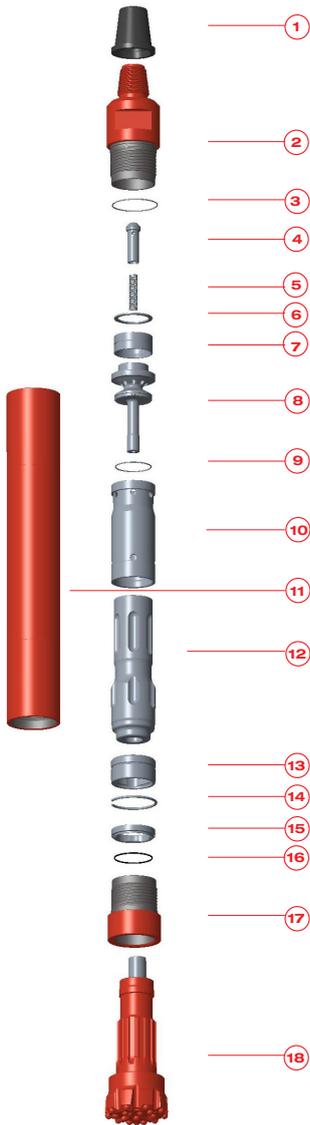


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# GP600 MAINTENANCE SHEET

## HOW TO DISMANTLE A GP600 HAMMER



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

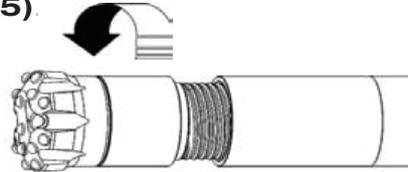


X & Y = DO NOT CLAMP HERE  
X = 155 mm (6.102")  
Y = 307 mm (12.087")

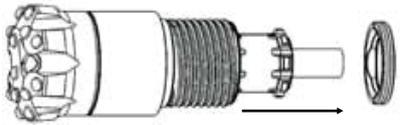
**B.** Break top joint between the cylinder (11) and bottom joint between the cylinder (11) and chuck (17).



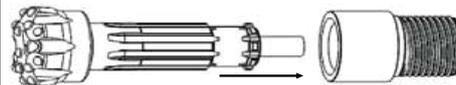
**C.** Unscrew and remove the drill bit from chuck (17) and bit retaining ring (15).



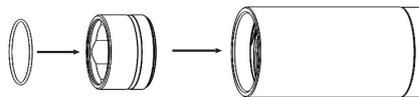
**D.** Remove bit retaining ring (15) from drill bit (18) and chuck (17).



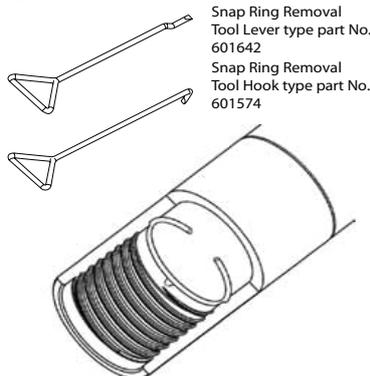
**E.** Remove chuck (17) from drill bit.



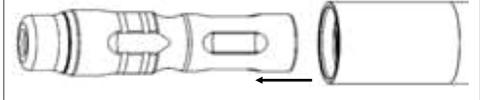
**F.** Remove guide bush (13) from cylinder (11).



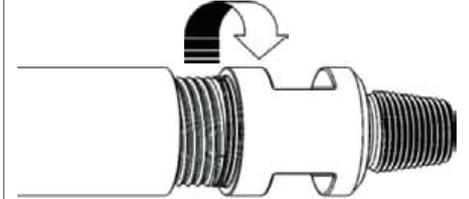
**G.** Remove snap ring (14) from cylinder (11) using the illustrated tools.



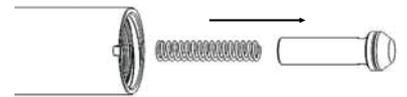
**H.** Remove piston (12) from the cylinder (11).



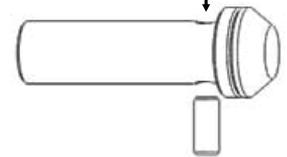
**I.** Unscrew and remove top adaptor (2) from cylinder (11).



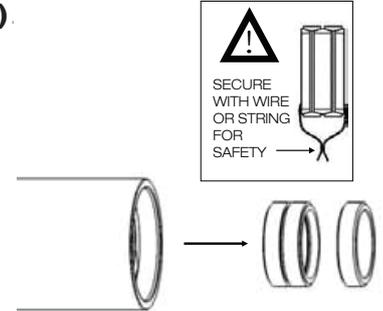
**J.** Remove non return valve (4) and nrv spring (5) from cylinder (11).



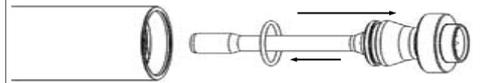
**K.** Remove nrv plug from the non return valve (4).



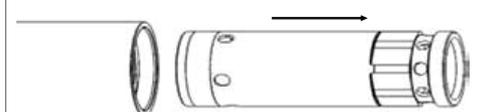
**L.** Remove shim (6) and compression spring (7) from cylinder (11).



**M.** Remove air distributor (8) from cylinder (11). Remove O'Ring (9) from air distributor (8).



**N.** Remove liner (10) from cylinder (11).



**DO NOT APPLY HEAT OR DIRECT IMPACT TO THE OUTSIDE OF THE HAMMER AS THIS WILL DAMAGE THE EQUIPMENT.**



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