



100/200 Series Quick Release Coupler Servicing Instructions

Service Kit Parts For HC208-6NDDN

See page 6 for other service kits

Female Part

1 x Poppet



1 x Poppet Spring



1 x O-ring



1 x Backup O-ring



1 x Silicone Grease



1 x Poppet Retainer



Male Part

1 x Poppet



1 x Poppet Spring

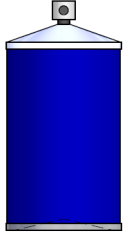


1 x Poppet Retainer

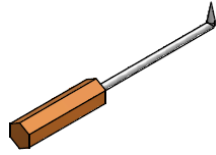


The Complete Oasis Seal Kit must be used

Tools Required



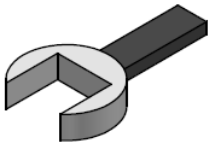
Cleaner (Warm Soapy Water or Similar)



Pick Tool



Anti Seize Grease (Loctite 771 or Similar) For All Threads

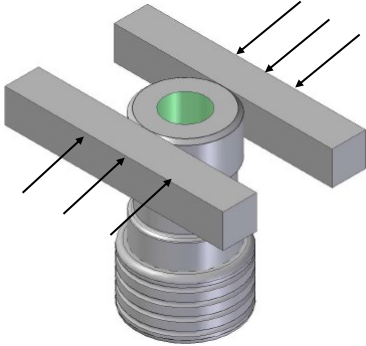


Spanner (Wrenches)

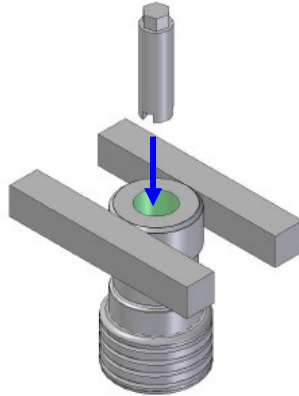


Poppet Assembly Tool
Part Numbers:
HC208: TOOL-HC208

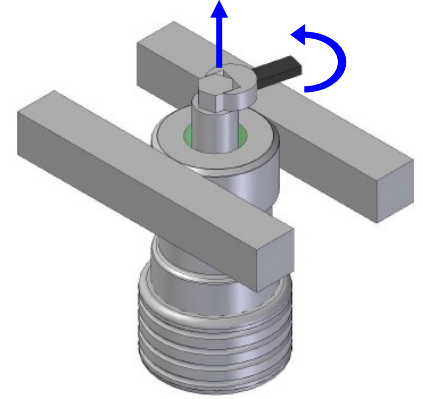
1. Clamp female coupler in vice.



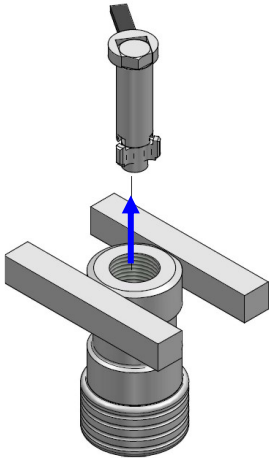
2. Insert the poppet removal tool



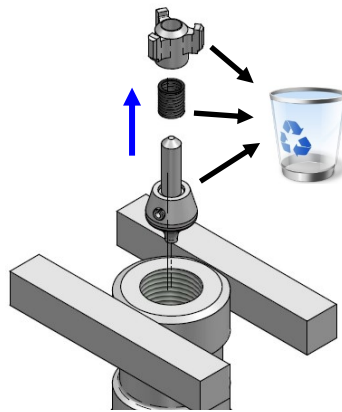
3. Remove the poppet retainer using the assembly tool.



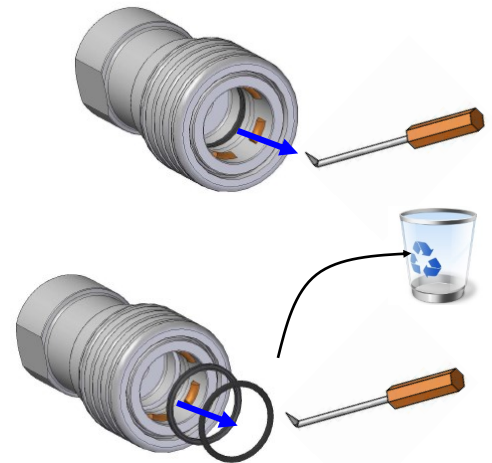
4. Remove the poppet retainer



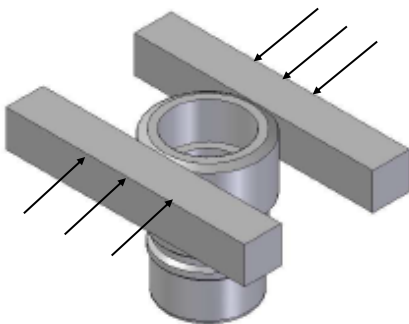
5. Discard the poppet, retainer and spring.



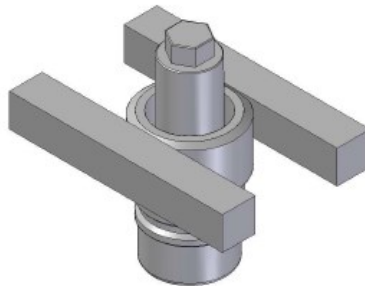
9. Pick out the O-ring and backup.



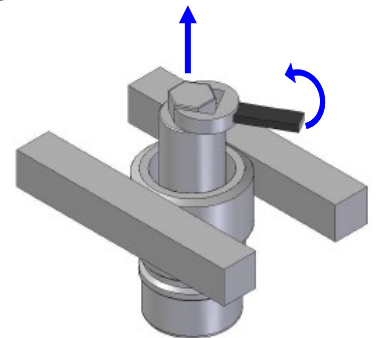
10. Clamp the male couple in the vice.



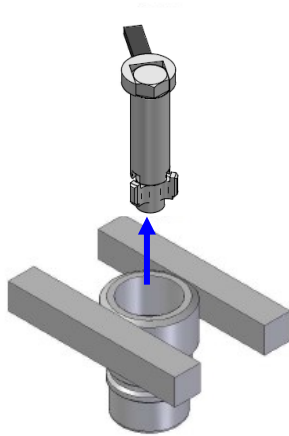
11. Insert the poppet removal tool



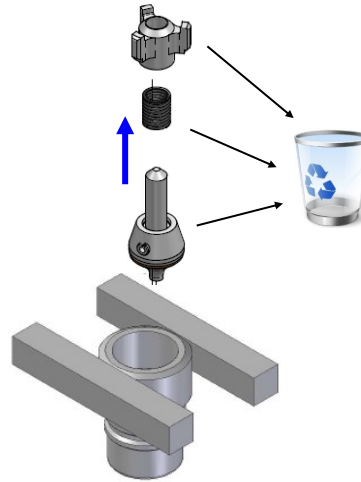
12. Remove the poppet retainer using the assembly tool.



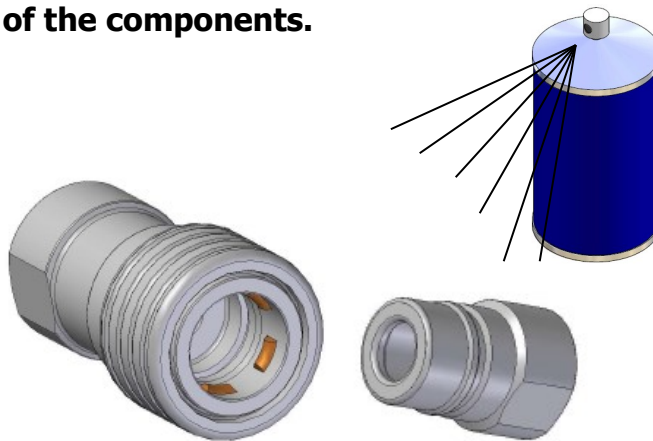
14. Remove the poppet retainer



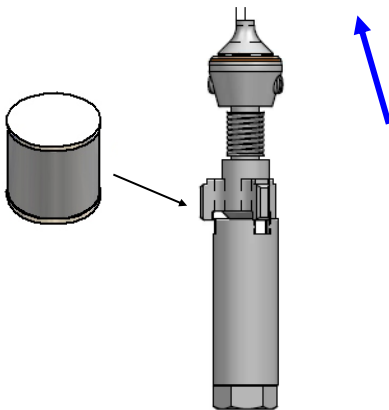
15. Discard the poppet and spring.



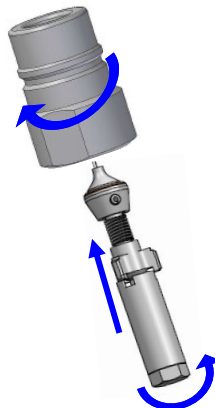
16. Clean all of the components.



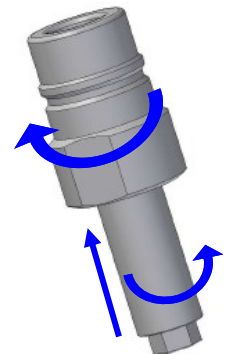
1. Apply anti-seize to the retainer thread



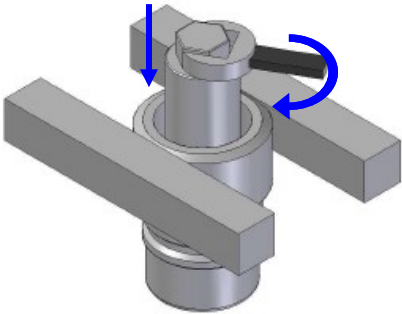
2. Screw in the poppet. Be careful not to cross thread the retainer.



3. Screw the poppet assembly onto the body.



4. Tighten the poppet retainer.

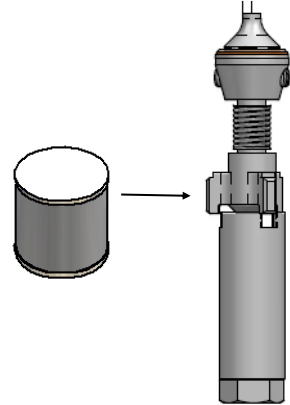


Torque the retainer to 30Nm

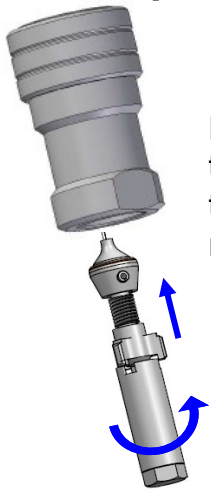
5. Male complete



6. Apply anti-seize to the female poppet retainer thread.

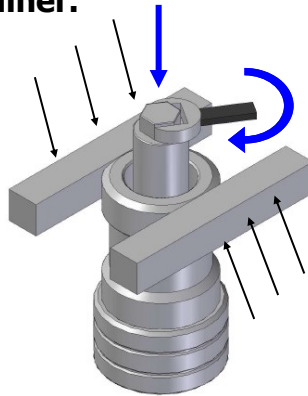


7. Screw the poppet assembly into the body.



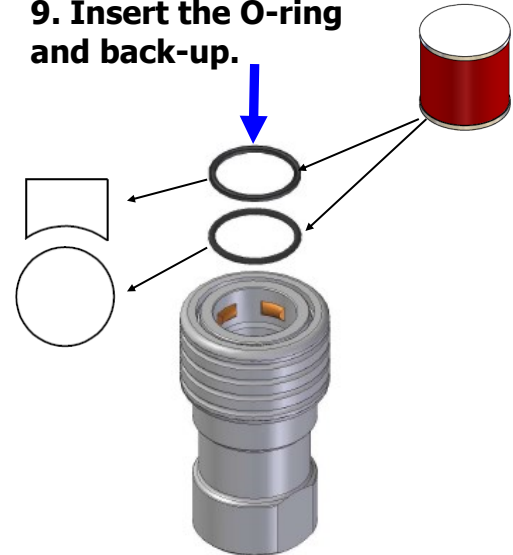
Be careful not to cross thread the retainer.

8. Tighten the poppet retainer.



Torque the retainer to 30Nm

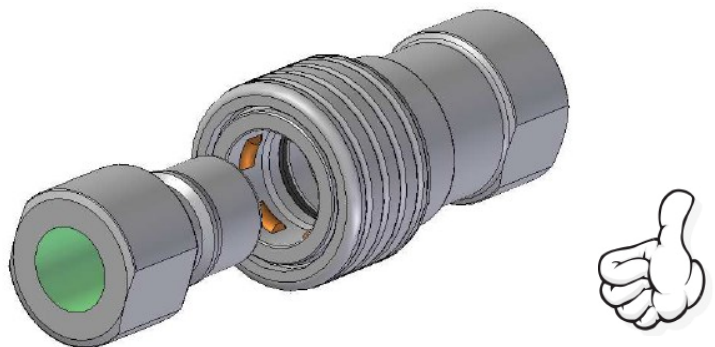
9. Insert the O-ring and back-up.



10. Female coupler complete



11. Coupler servicing complete, test the coupler when it is refitted to ensure servicing was successful.



Service Kit Parts For HC206 and HC104

Female Part

1 x Poppet



1 x Poppet Spring



1 x O-ring



1 x Backup O-ring



1 x Silicone Grease



Male Part

1 x Poppet



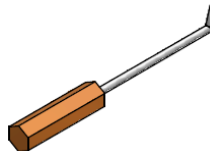
1 x Poppet Spring



Tools Required



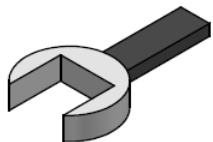
Cleaner (Warm Soapy Water or Similar)



Pick Tool



Anti Seize Grease (Loctite 771 or Similar) For All Threads

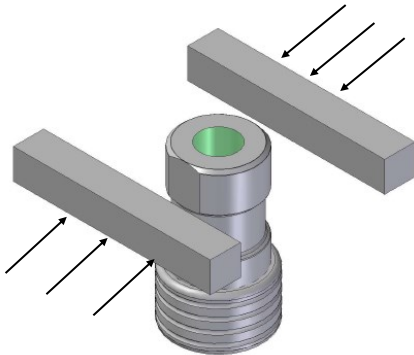


Spanner (Wrenches)

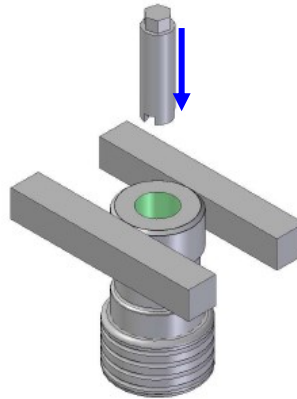


Poppet Assembly Tool
Part Numbers:
HC104: TOOL-HC104
HC206: TOOL-HC206

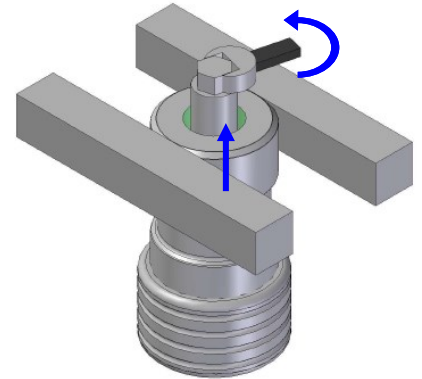
1. Clamp female coupler in vice.



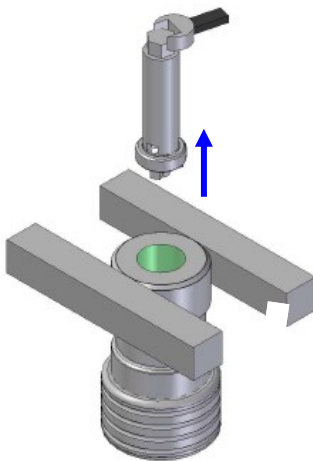
3.



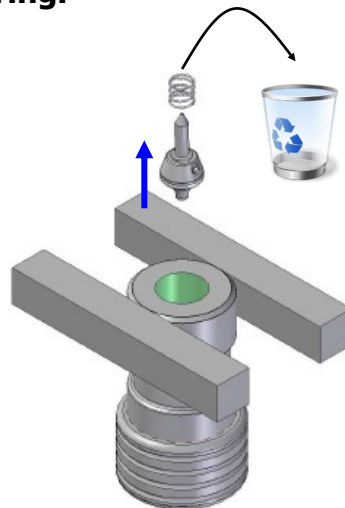
5. Remove the poppet retainer using the assembly tool.



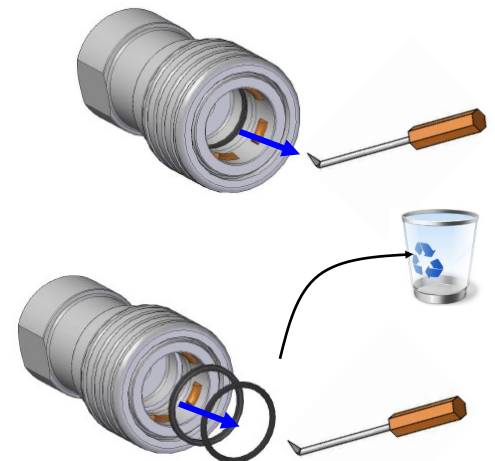
7.



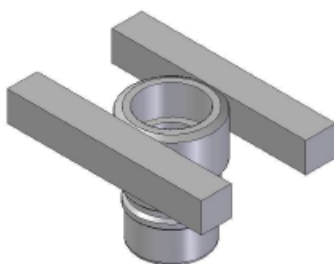
8. Discard the poppet and spring.



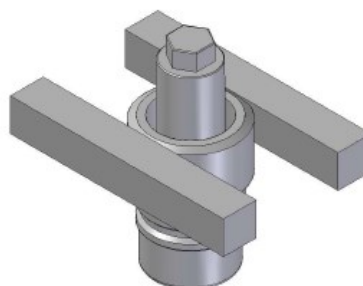
9. Pick out the O-ring.



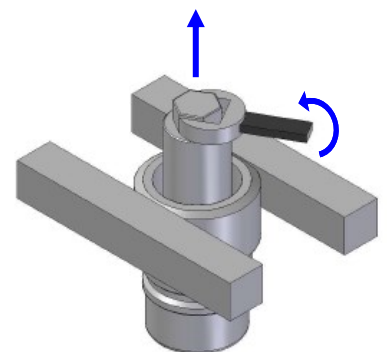
10. Clamp the male couple in the vice.



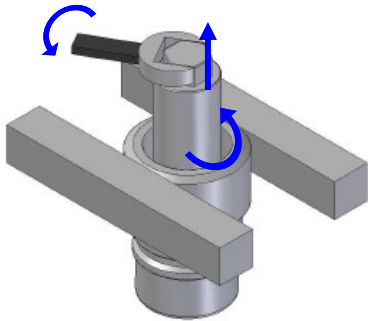
11.



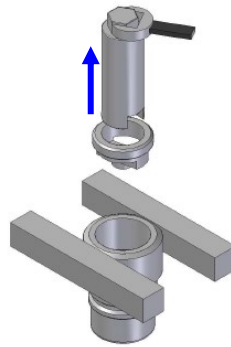
12.



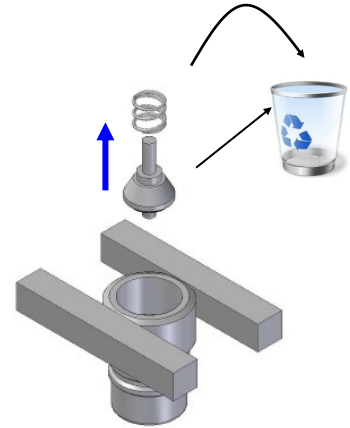
13. Remove the poppet retainer using the assembly tool.



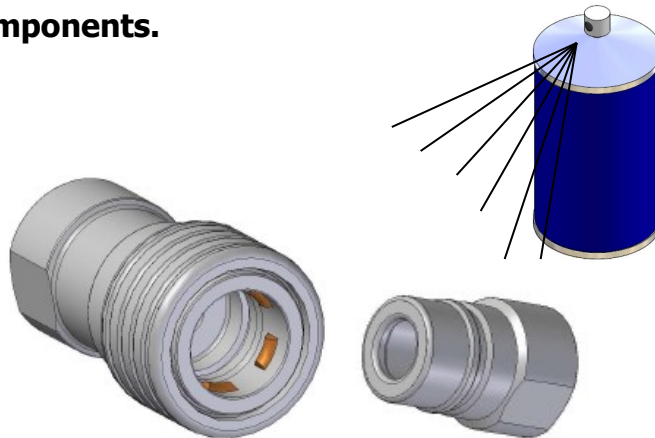
14.



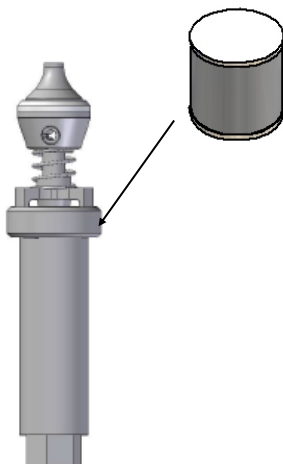
15. Discard the poppet and spring.



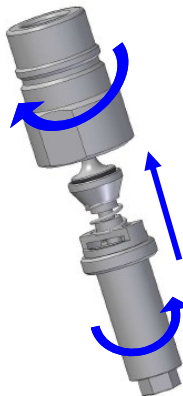
16. Clean all of the components.



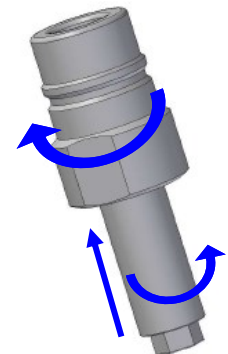
1. Apply anti-seize.



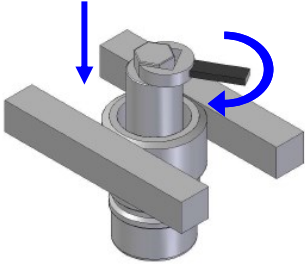
2.



3. Screw the poppet assembly onto the body.



4. Tighten the poppet retainer.

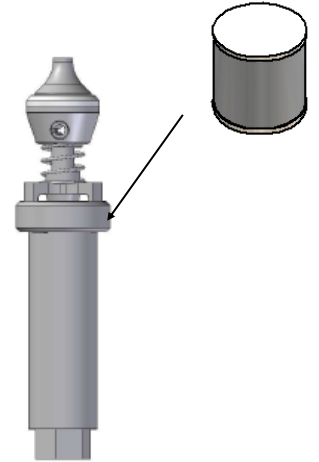


POPPET RETAINER TORQUE :
HC104 = 18Nm
HC206 = 25Nm

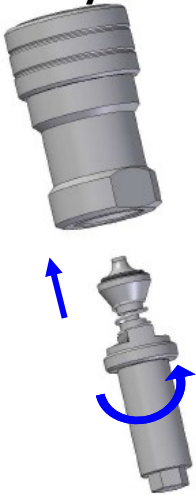
5.



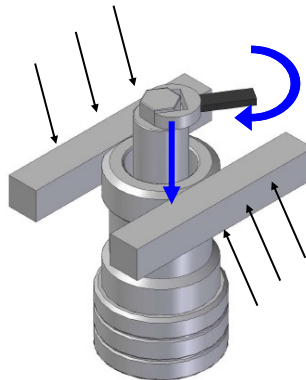
6. Apply anti-seize.



7. Screw the poppet assembly into the body.

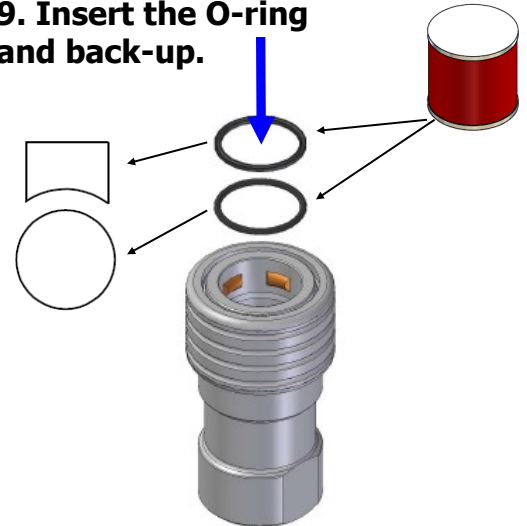


8. Tighten the poppet retainer.



POPPET RETAINER TORQUE :
HC104 = 18Nm
HC206 = 25Nm

9. Insert the O-ring and back-up.



10. Complete



11. Coupler servicing complete, test the coupler when it is refitted to ensure servicing was successful.

