

## Case study Solenoid Mechanism



Under the wheel-arch solenoid mechanism incorporating a custom F200 Rubber Energised Seal



Industry - <u>Automotive</u>

Fluorocarbon are committed to the manufacturing of products to meet our automotive customer's present and future requirements. Our cost-effective components offering longevity, are designed to meet the high-quality demands dictated by APQP, PPAP and SPC.



In order to meet to meet strict regulations regarding turning circles of taxicabs in London, an innovative rear wheel turning system was designed. However, the new design of actuated steering mechanisms were seizing due to water and dirt ingress in to the solenoid actuator. The client requested a complete solution in regards to this issue.



Fluorocarbon offered a custom manufactured F200 rubber energised seal and PTFE surface coating offering Seal performance, low friction, corrosion resistance and long life.

Additional benefits to the customer were reduced warranty claims and a reinforced brand perception in a competitive market.

Find out how Fluorocarbon can help your company improve efficiency and save money at <a href="www.fluorocarbon.co.uk">www.fluorocarbon.co.uk</a> email <a href="mailto:info@fluorocarbon.co.uk">info@fluorocarbon.co.uk</a> or call us on 0845 2505 100