Shock absorber and strut seals

Provide sealing for the piston rod in the shock absorber against high pressure, oil and gas. Differing elastomer compounds enable sealing over a wide range of temperatures.

Available applications
Car, truck, motorcycle, ATV.

The SKF shock absorber and strut seals add value by delivering the following advantages:
• Availability of different compounds – NBR, HNBR and FKM covering a wide range of operating temperatures (~–40 to 200 °C) and ensuring compatibility in all existing oils
• Customized compounds, allowing for high and low friction options
• Flat top metal surface design permits the tube to be welded or rolled into place
• Available for monotube and twin tube dampers, pressurized and heavy duty shock applications
• Able to support high static and dynamic pressure

Our experience in manufacturing processes allows us to develop advanced designs, with seal features such as:
• Heavy gauge metal insert, allowing the shock absorber tube to be assembled over the seal in a number of different methods
• Static gasket, providing a leak-proof seal between tube wall and bushing
• Garter spring, ensuring the correct radial load for the life of the product
• Dust lip, preventing contaminants from getting into the system
• Gas lip, acting as a check valve
• 100% automatic functional control
• 100% camera dimensional and visual control
• Greasing operation, if requested