

# Fork rod cartridge seal

Developed for reliable fluid separation inside the two-wheeler fork assembly system

Two-wheeler cartridge seals from SKF are made of superior low friction NBR compounds, enhanced by specifically developed designs, providing outstanding sealing performance inside two-wheeler fork applications.

## Design application

Closed cartridge applications for motorcycle and bicycle.

## SKF advantages:

- Reliable fluid separation inside the fork for constant damping performance
- Possibility to use different fork fluids inside the fork assembly to optimize performance
- High efficiency during operation to avoid pressure loss and leakage
- Possibility to tailor designs to fit most closed cartridge applications
- Minimized friction to enhance damping setting
- Compatibility with a wide range of original equipment and aftermarket suspension fluids

## Features of this innovative solution:

- Superior design for robust assembly
- Range of different solutions (unsprung, single spring or double spring) for wide fork design freedom
- Double spring design suitable for air spring and oil spring cartridges
- Dynamic lip shapes to reduce friction
- Integrated sealing functions to prevent oil/air migration
- Metal insert to create ideal seal contact pattern to the shaft and housing
- Reduced axial space to provide more room for damping chamber
- Wide operating temperature range for maximum sealing performance



[skf.com/sealsbikes](http://skf.com/sealsbikes)

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