

The link stabiliser with the best in class stud swing: FD-LS-0090

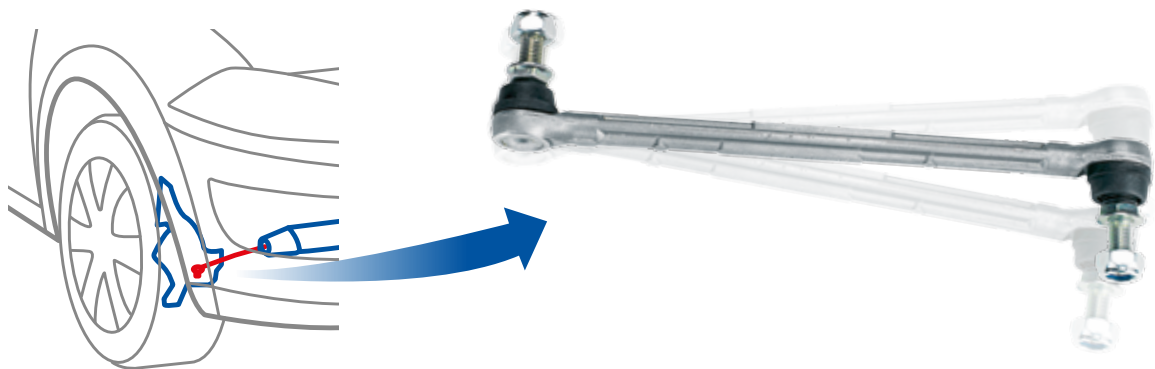
This part is fitted to 6.5 million vehicles in Europe, most commonly the **Ford Fiesta MKIII, IV, Focus** and **KA**.



About the link stabiliser

The stabiliser bar connects the left and right suspensions to each other. The link stabiliser secures the anti-roll bar to the wheel assembly. It allows movement and suspension travel.

The link stabiliser assists the anti-roll bar during operation and improves the stiffness of the car. It stops the car from swaying too much as the vehicle turns and helps to keep control of the vehicle.



MOOG FD-LS-0090 Product benefits

- Long-lasting material – thanks to extreme durability tests and improved design against harsh climate conditions
- Fast installation – all hardware included

High performance and durability through great design

- Optimal bearing materials
- High quality body materials
- Accurate machining
- Fully controlled assembly process

Possible symptoms of wear or failure

- Creaking or screeching noise as you drive over road imperfections
- Less stability while cornering

Check the results on the back >>>



How good is the MOOG link stabiliser?

Extensive testing proved that MOOG meets or partially exceeds comparable manufacturer’s original equipment (OEM) in categories that are essential for link stabilisers. The complete results are listed in the comparative table.

Feature	OE	MOOG	COMPETITOR 1	COMPETITOR 2
Bearing Type	100% OEM	100% OEM	100% OEM	100% OEM
Stud Strength	100% OEM	100% OEM	100% OEM	100% OEM
Housing Strength	100% OEM	100% OEM	94% OEM	100% OEM
Axial Deflection	0.05 mm	0.00 mm	1.2 mm	0.5 mm
Stud Swing (Total)	29°	34°	27°	28°
Dust Boot Material	100% OEM	100% OEM	100% OEM	100% OEM
Fastener Grade	100% OEM	100% OEM	100% OEM	100% OEM
Bearing Material	100% OEM	100% OEM	100% OEM	100% OEM

■ Better than OEM

■ Equivalent to OEM

■ Worse than OEM

The tests were performed in the Saint Louis Federal-Mogul Motorparts facilities.

Test results: summary

Several mechanical characteristics are critical for the safety of the car’s driver and passengers.

- **Stud swing value.** If the stud swing value is too low, the ball pin may be pulled out of its housing. The MOOG suspension product meets the required values.
- **Metal sealing rings.** The dust boot has to be sealed to prevent water and dirt from entering the ball joint. MOOG is in the process of replacing all PUR sealing rings with metal ones for a better endurance and long lasting sealing.
- **Housing strength.** High levels of housing strength ensure long fatigue life and prevent bending of the rod.

