

Tech Wise

Hydraulic Lower Control Arm Bushings for BMW E46 and Z4 (3 Series)

Will-fit packagers are marketing a decontented, solid rubber version of Lemförder's hydraulic lower control arm bushing as an upgrade to the original part.

Problem

Non-OE Knock-Off



Under precise material testing, the rubber used in the knock-off part proved to be six times harder than the original part. This element, combined with the absence of hydraulic damping fluid, creates a bushing with damping values that fall far outside of acceptable tolerances.

Solution

Genuine Lemförder



Specify Genuine Lemförder Lower Control Arm Bushings.

Effect

Non-OE Knock-Off



- Slight tire imbalances are amplified and transmitted through the steering system, causing driver discomfort and increased customer returns.
- Increased wear rates on complementary suspension parts, brakes and tires
- Reduced passenger comfort

Advantage

Genuine Lemförder



- Hydraulic fluid absorbs slight tire imbalances and other vibrations, adding to a smooth steering and handling feel.
- Wear-rates on other suspension parts, brakes and tires are minimized
- Driver and passenger comfort are maintained

