

EASY SOLUTIONS BULLETIN



New improved dust boot design for the popular Mercedes-Benz ball joint

MERCEDES-BENZ CLS, E-CLASS, S-CLASS, SL

ME-BJ-3697

MAKE	MODEL	Year from → Year to
MERCEDES-BENZ	CLS (219) E-Class (W211, S211) S-Class (W220) SL (R230)	10/04 → 12/10 03/02 → 07/09 10/98 → 08/05 10/01 → 01/12
MOOG PART NUMBER	OE PART NUMBERS	DESCRIPTION
ME-BJ-3697	2113300235, 2113300435, 2203300427, 2203330127, 2203330227, 2203330327, 2203330427, 2203330727	Ball Joint LH/RH



OLD

NEW

The shape of the new MOOG design allows maximum oscillation angle and avoids contact with surrounding items.



Challenge

Ball joints play a crucial role connecting the wishbone to the steering knuckle of the vehicles wheel assembly. During transit **the movement of the steering knuckle may cause the ball joint to oscillate to its maximum angle**. As a consequence the dust boot may become damaged due to contact with the surrounding items. Damage to the dust boot can cause water and small particles such as sand to penetrate the ball pin housing which leads to corrosion of the ball joint. The result: **the ball pin will fail prematurely and the ball joint must be replaced**.



Easy Solutions

In order to prevent the dust boot coming in to contact with the surrounding items at the maximum oscillation of the ball joint, **MOOG has changed the design and shape of the boot for these popular Mercedes-Benz ball joints**. This optimizes performance and ensures longevity of the MOOG component.

PRMMO1504-EN

MAKE IT EASY. MAKE IT **MOOG**

