

PROBLEM Solver™ BULLETIN

Premature Ball Joint Wear

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1999-2006 GM Trucks

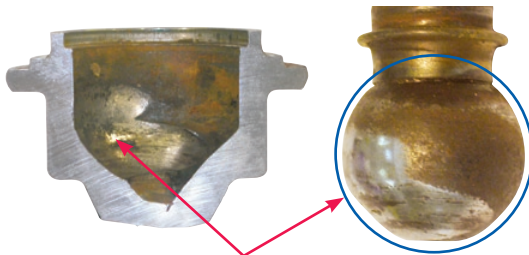
PROBLEM:

Lower ball joint experiences premature wear

- Original equipment stud ball diameter and OE-style polymer bearing do not provide sufficient load-carrying capability, especially in rough service conditions.
- Load stress and intrusion quickly erode the bearing surface.



NOTE: Distressed OE style polymer bearing due to rough service conditions.



OE part measured 0.080" of play due to bearing failure. As a result, the non-hardened housing and ball stud components wear into each other.

Description	Year	Make/Model	Replacement Part Number
Lower Ball Joint	2006	Chevrolet Avalanche 2500 4wd	K6693
	2002-2006	Chevrolet Avalanche 2500 2wd/4wd	
	2001-2003	Chevrolet/GMC Silverado/Sierra 1500 Crew Cab 2wd/4wd	
	1999-2006	Chevrolet/GMC Silverado/Sierra 2500, 2500HD 2wd/4wd	
	2001-2006	Chevrolet/GMC Silverado/Sierra 3500 2wd/4wd	
	2000-2005	Chevrolet Suburban 2500 2wd 2001-2004 and 4wd	
	2000-2005	GMC Yukon XL 2500 2wd 2001-2002 and 4wd	
	2003-2006	Hummer H2 4wd	

SOLUTION:

MOOG® K6693 Lower Ball Joint



- The MOOG K6693 lower ball joint was designed with an oversized stud ball diameter that maximizes ball-to-bearing contact.
- Two powdered-metal “gusher” bearings with grease grooves provide the most durable wear surface available.
- The combination of two powdered-metal bearings and an oversized stud ball diameter provides superior load-carrying capability, increased durability and extended service life.

