

PROBLEM SOLVER™ BULLETIN

BULLETIN: 27010

Premature Ball Joint Failure

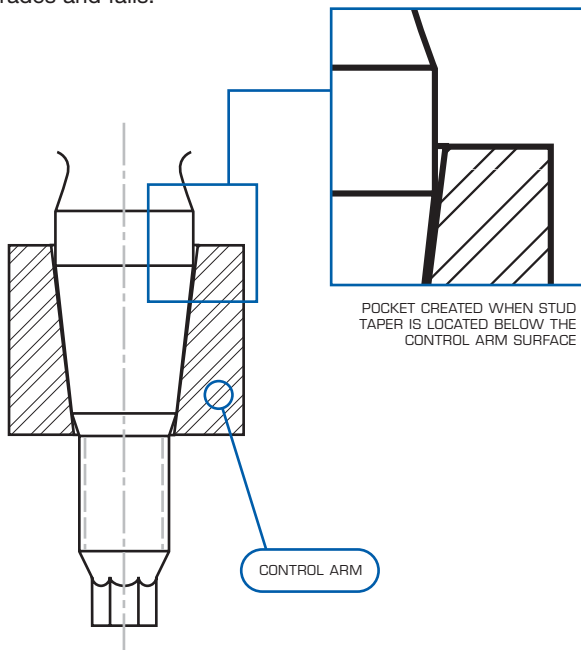
2002-2005 Jeep Liberty

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PROBLEM:

OE ball joint fails prematurely

Ball joint boot failures can cause corrosion, accelerated wear and possible joint separation. Failure can be traced to a slight gap between the ball joint stud and control arm. The gap or pocket accumulates moisture, promoting corrosion of the ball joint stud and control arm tapered hole. The corrosion generated by the pocket penetrates under the dust boot, wearing at the sealing surface of the boot. Once exposed to the elements, the sealed, non-serviceable ball joint quickly degrades and fails.

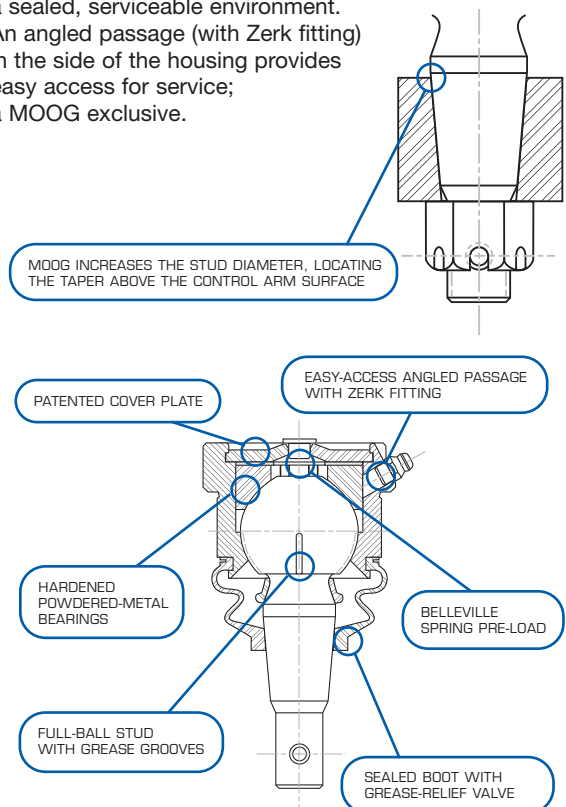


Description	Year	Make/Model	Replacement Part Number
Lower Ball Joint	02-05	Jeep Liberty	K3199

SOLUTION:

MOOG® K3199

- MOOG K3199 has been designed with a larger stud shank diameter, which in turn creates a larger stud taper diameter. This locates the stud taper above the surface of the control arm, allowing complete contact with the control arm tapered hole, eliminating the gap.
- A sealed boot with a special grease-relief valve provides a sealed, serviceable environment.
- An angled passage (with Zerk fitting) in the side of the housing provides easy access for service; a MOOG exclusive.



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