



OFFICIAL STEERING & SUSPENSION OF NASCAR®

**THE PROBLEM SOLVER®**

**PROBLEM:**

**Lower ball joint not available from OE dealer**

The Dodge Caliber and Jeep Compass (same platform) utilize lower control arms with a pressed-in ball joint. The service manual does not include a provision for replacing the ball joint, just servicing the boot if torn. This is because the lower ball joint on these vehicles is not available as an OE-replacement part. If the ball joint has failed, it requires replacement of the entire control arm. In addition, the OE control arm includes a non-serviceable ball joint.

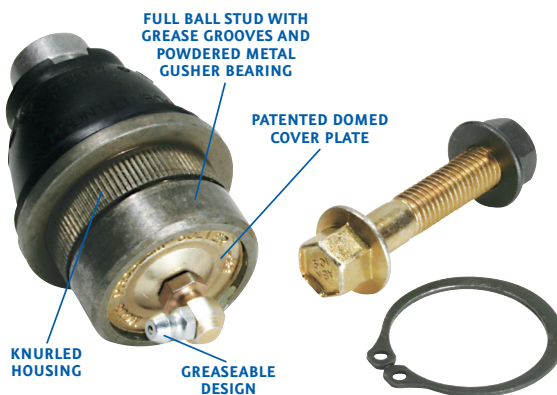


Description	Years	Make/Model	Part Number
Lower Ball Joint	2007-2012	Dodge Caliber	K500063
	2007-2010	Jeep Compass	
	2007-2014	Jeep Patriot	

**SOLUTION:**

**MOOG® K500063 lower ball joint**

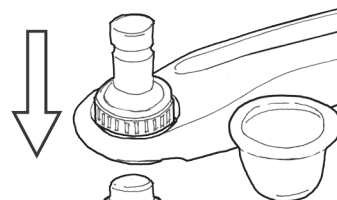
The MOOG Problem Solver K500063 ball joint provides technicians with a first-to-market, premium alternative to replacing the lower control arm. This specially engineered component features a knurled housing, snap ring and new pinch bolt for ease of installation and secure mounting.



**Note:** The OE ball joint is crimped into the lower control arm.

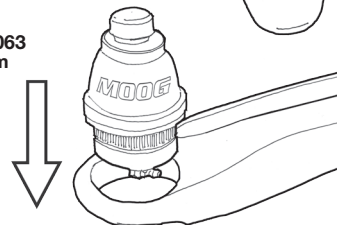
**Removal:** Press down and out of control arm with a suitable press tool.

OE ball joint is removed from the control arm in this direction.



**Installation:** The MOOG K500063 is pressed into the control arm from the same side.

MOOG ball joint is installed in the control arm in the same direction as the OE ball joint was removed.



For parts lookup, visit [www.FMe-cat.com](http://www.FMe-cat.com) tech line: 1-800-325-8886

[moogproblemsolver.com](http://moogproblemsolver.com)

