



THE PROBLEM SOLVER®

TIE ROD END

2006-2010 DODGE RAM 1500

PROBLEM:

Tie Rod End Failure

The OE part has specific design requirements pertaining to stud swing and stud coating that some suppliers do not adhere to. The OE knuckle is aluminum and requires a coated stud to prevent galvanic corrosion. The OE stud also incorporates +/- 27 degrees of swing.

In addition, plastic bearing and lack of preload on OE and other suppliers' parts leads to accelerated wear and subsequent failure when these applications undergo commercial and fleet use. Plus the use of a locking nut by other suppliers makes installation more difficult, as it may turn the stud during tightening.



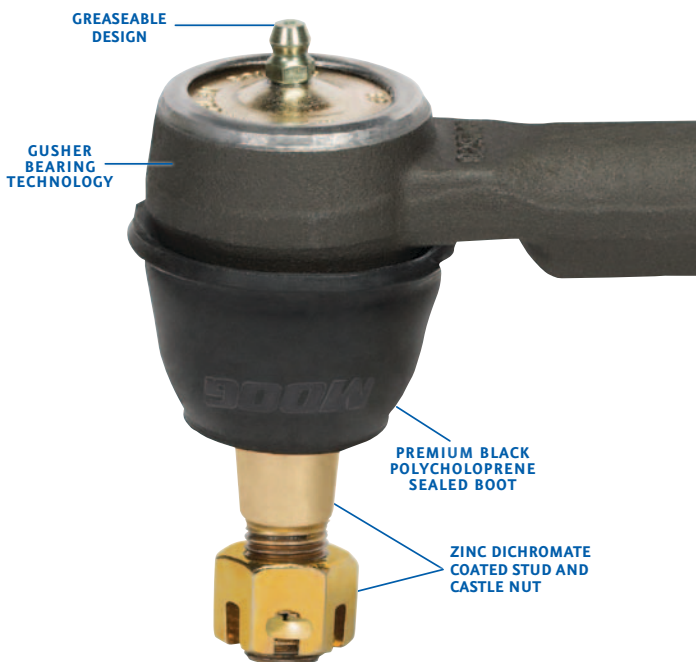
Description	Years	Make/Model	Part Number
Outer Tie Rod End	2006-2010	Dodge Ram 1500	ES80574

SOLUTION:

MOOG® Problem Solver® ES80574 Tie Rod End

The MOOG® Problem Solver® ES80574 Tie Rod End is designed to exceed OE specifications, and to allow for ease of installation and longer life in fleet and commercial applications.

- Features exclusive gusher bearing technology for durability and long life.
- Greaseable design flushes contamination and keeps part lubricated.
- MOOG patented domed cover plate and Belleville washer ensure proper preload and consistent socket torque for the life of the part.
- Full-ball metal stud features zinc dichromate coating to prevent galvanic corrosion when mated to the aluminum knuckle.
- Stud swing exceeds OE specification, preventing stud/housing impact (and subsequent damage) while maintaining stud pull out strength.
- Castle nut and wrench flats make installation and alignment easy.



For parts lookup, visit www.FMe-cat.com tech line: 1-800-325-8886

moogproblemsolver.com

