

BULLETIN: 29012

Plastic bearings' initial smoothness gives way to wear

www.moogproblemsolver.com

Tie Rod Ends

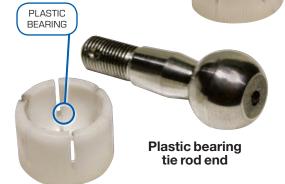
PROBLEM:

Plastic bearing tie rod ends

Tie rod ends with sealed plastic bearings feel smooth out of the box, but that initial smoothness comes with a price. Not even the best plastic bearing can hold up the way a metal bearing can.



Non-serviceable plastic design has failed due to intrusion and wear.



SOLUTION:

MOOG® Sunoloycoated gusher bearing tie rod ends

g atent pending

Many MOOG tie rod ends now feature patent pending Sunoloy-coated metal bearings. These bearings provide the smooth, out-of-the-box stud swing that technicians and drivers prefer, while offering a long-term durability typical plastic bearings can't match.

Stud articulation life cycle test:

MOOG coated metal bearing technology provides smooth, out-of-the-box stud swing, with 3X better performance than plastic designs (after 1 million test cycles).

Radial deflection life cycle test:

MOOG coated metal bearing technology maintains the OE-specification longer than the plastic design, with 3X better performance (after 1 million test cycles).

MOOG Sunoloy-coated metal gusher bearing tie rod end







