



MOOG®
ENGINEERED
HOUSING DESIGN

THE PROBLEM SOLVER®

PROBLEM:

Component Failure

Inferior, larger grain materials and improper heat-treating can lead to a weak or cracked housing, resulting in lower pullout strength and possible loss of steering.

CRACKED HOUSING



SOLUTION:

MOOG® Premium Housing Design

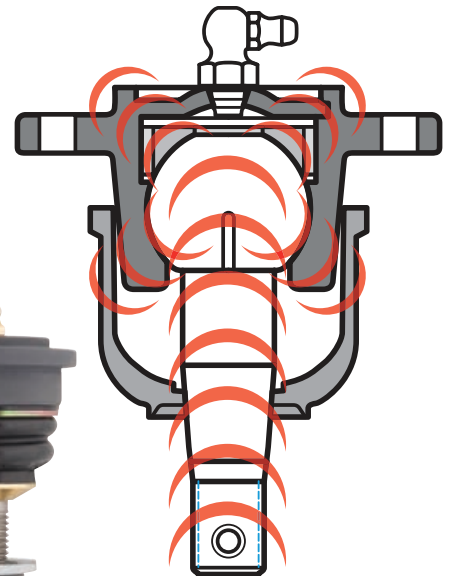
- The MOOG all-metal design evenly transfers vehicle loads through the exclusive powdered-metal “gusher” bearing into the housing, diminishing load forces and reducing stress.
- MOOG specifies fine-grain alloy steel material for its housings, to better handle high loads. (Larger, less expensive grain structures weaken the material and can test well below MOOG and OE standards.)
- Precise heat-treating of MOOG housings increases surface hardness, which increases durability.
- Superior pullout strength ensures safety and steering reliability.
- MOOG uses knurled and/or oversized housings to accommodate worn control arms (where applicable).
- MOOG utilizes coated housings for use in aluminum control arms to prevent galvanic corrosion.

KNURLED HOUSING



K7395

MOOG DESIGN TRANSFERS STUD FORCES THROUGH THE BEARING, TO THE HOUSING AND COVER PLATE.



COATED HOUSINGS



K80141



K500065



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

moogproblemsolver.com

