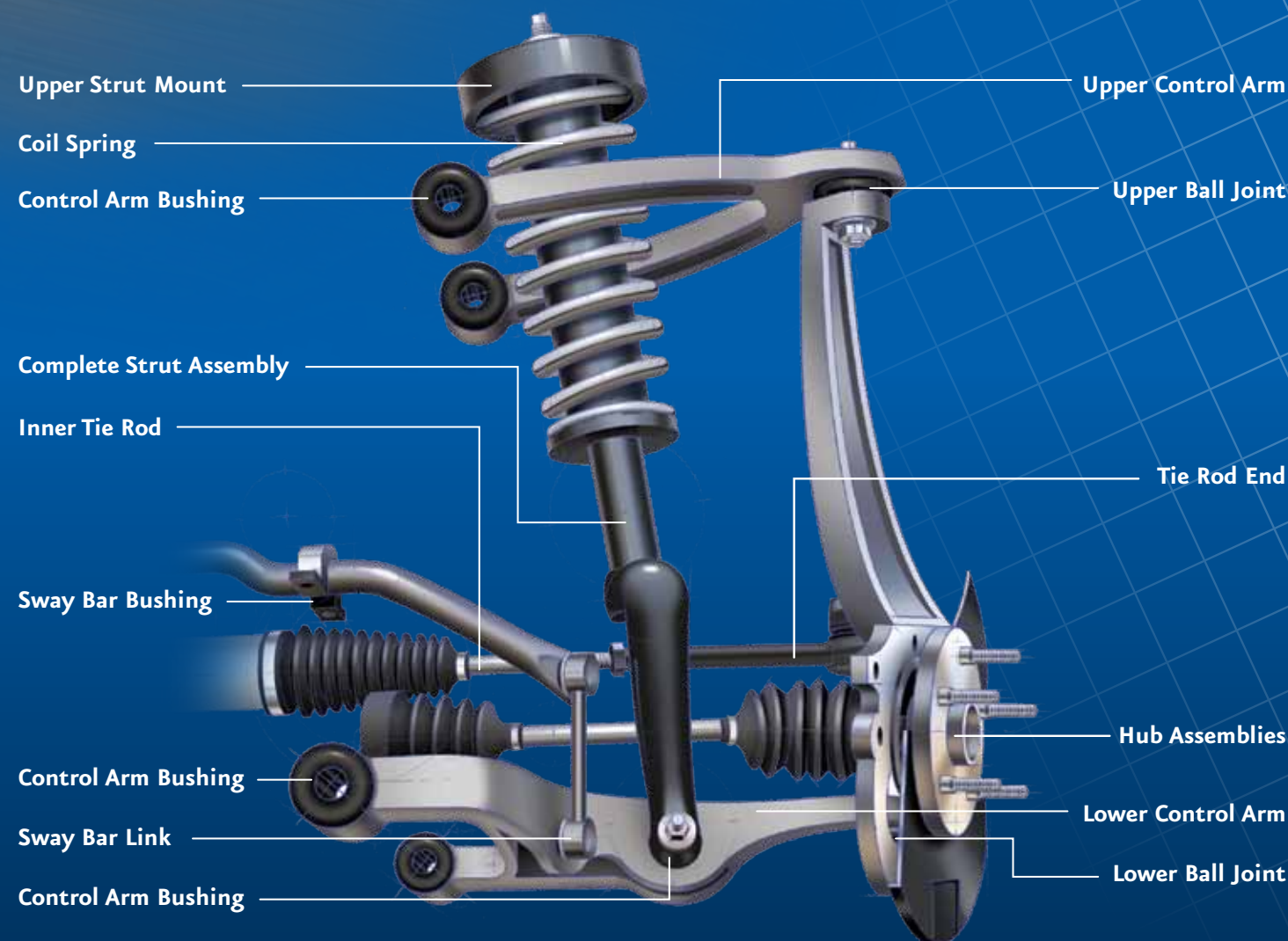


MOOG
STEERING & SUSPENSION

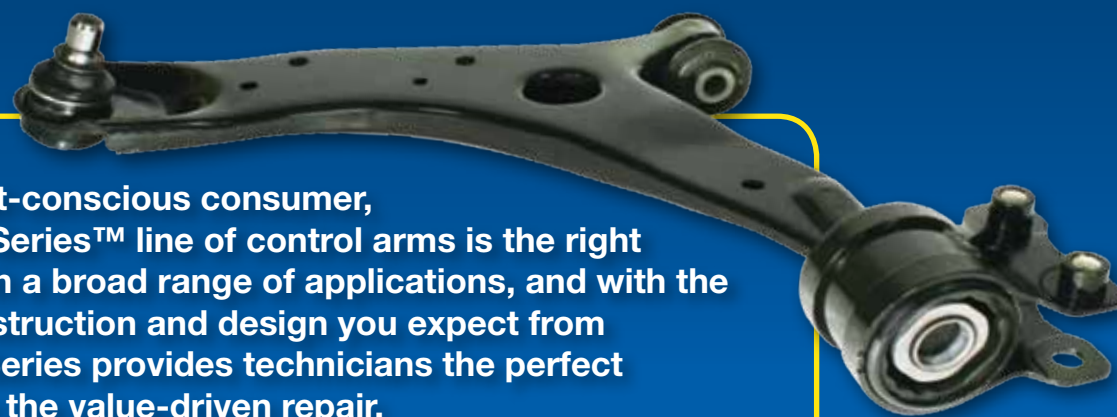
TOTAL UNDERCAR SOLUTIONS

When it comes to undercar solutions, MOOG® offers the complete steering and suspension package. MOOG provides advanced engineering, problem-solving innovation, industry-leading technical expertise, superior products and the broadest range of foreign and domestic coverage that today's technicians need. That is why MOOG is the choice of professional technicians and top NASCAR® Crew Chiefs.



MOOG R-SERIES™ CONTROL ARMS FOR VALUE-DRIVEN REPAIRS

For the cost-conscious consumer, the new R-Series™ line of control arms is the right choice. With a broad range of applications, and with the quality construction and design you expect from MOOG, R-Series provides technicians the perfect solution for the value-driven repair.



INDUSTRY EXPERTISE

TECHNICAL TRAINING & SUPPORT

Today's vehicle technologies create new challenges for technicians. That's why Federal-Mogul offers an array of industry-leading training and support options:

- Technical Education Center
- ASE-certified call center
- In-market seminars
- Live webinars
- 24/7 parts lookup
- Technical web-based library



It's superior training and support you only get with MOOG.

PROBLEM SOLVERS

MOOG Problem Solver® bulletins give technicians solutions to common undercar repair problems. Each of these informative full-color sheets describes a specific issue, lists the vehicles affected and includes photos of failed parts. The bulletin describes and shows the MOOG component designed to solve that particular problem, and lists the necessary part numbers.

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

moogproblemsolver.com



MOOG
STEERING & SUSPENSION



MOOG® CONTROL ARMS

MOOG® CONTROL ARMS

OFFERING YOU THE INDUSTRY'S BEST SOLUTION.

Once you've decided that replacing the control arm is the right choice for the vehicle you're working on, make sure to install MOOG® Control Arms.

Control arms are a vital suspension component and have a direct effect on vehicle safety, handling, and proper alignment. It's crucial that you install the highest quality control arms available.

YOU CAN TRUST MOOG TO HAVE THE RIGHT CONTROL ARM FOR THE JOB AT HAND.

When it comes to undercar solutions, MOOG offers the complete steering and suspension package for virtually all foreign and domestic nameplates.

CONTROL ARMS SAVE YOU TIME

Depending on the suspension system, installing a premium MOOG control arm fitted with new components (ball joint and bushings) may be easier than removing and replacing the old control arm's failed components.

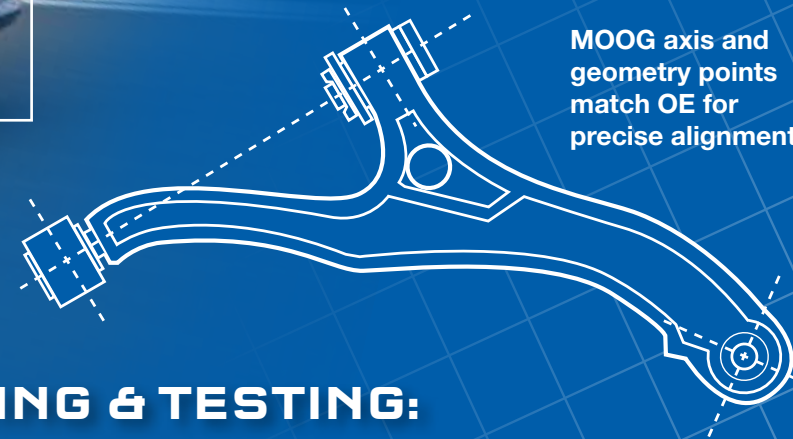


MOOG CONTROL ARM ASSEMBLIES ARE PRE-ASSEMBLED WITH THE BALL JOINT AND BUSHINGS, AND INCLUDE HARDWARE WHEN APPLICABLE.



TECHNOLOGY & INNOVATION

MOOG product excellence is derived from Federal-Mogul's global resources and world-class engineering, which combine to create patented innovations and thousands of problem-solving solutions. This ongoing effort produces breakthrough technologies, all designed to provide ease of installation and long-lasting, like-new steering and suspension performance.



MOOG axis and geometry points match OE for precise alignment.

MOOG DELIVERS THE QUALITY YOU NEED.

Whether the application calls for a stamped or forged control arm, MOOG control arms are ready to meet the rigorous demands of today's foreign and domestic passenger cars, light trucks and SUVs.

FORGED STEEL

MOOG forged steel control arms utilize fine grain steel for durability.



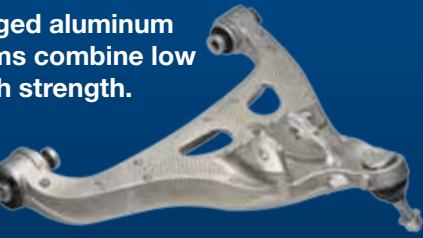
STAMPED STEEL

MOOG stamped steel control arms feature e-coat finish for rust resistance.



FORGED ALUMINUM

MOOG forged aluminum control arms combine low weight with strength.



ENGINEERING & TESTING:

- Application-specific engineering produces control arms with precise OE geometry, assuring perfect fit and proper alignment.
- Exact OE-spec geometry of wear components – ball joint and bushings – allows for easier replacement with MOOG or even OE components (if eventually necessary).
- Bench testing assures component durability by simulating rough roads and excess mileage.
- Dedicated testing units confirm integrity, durability and performance of designs.

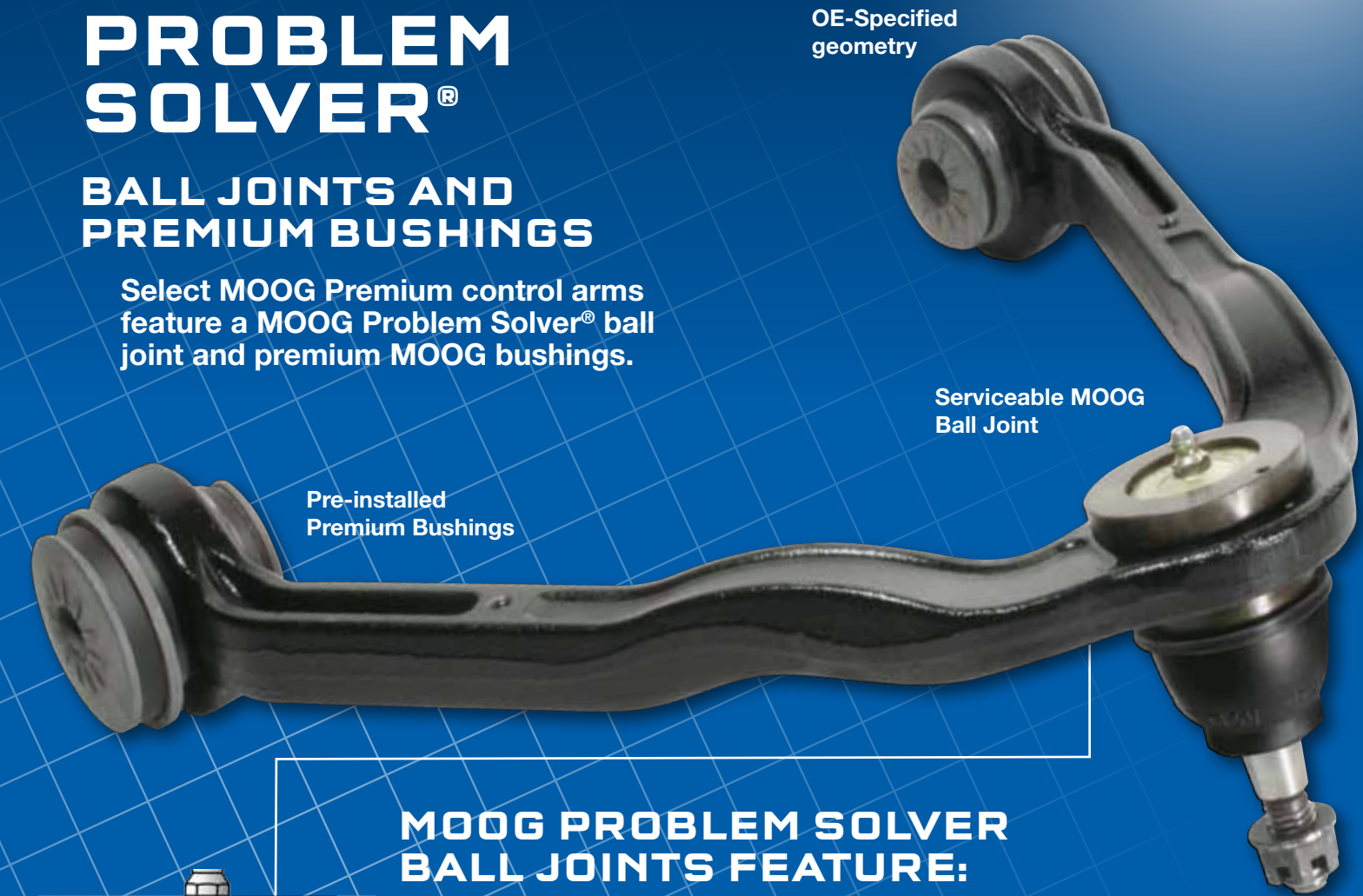
MANUFACTURING & MATERIALS

- MOOG premium control arms are manufactured using the finest one-piece fine grain steel or aluminum forgings and high quality precision-tooled stamped steel for strength and durability.
- Stamped control arms feature an electroplate finish for corrosion resistance and long life.
- In-house metallurgical labs measure and evaluate component metals at microscopic and chemical levels to assure optimum hardness and composition.

MOOG® PROBLEM SOLVER®

BALL JOINTS AND PREMIUM BUSHINGS

Select MOOG Premium control arms feature a MOOG Problem Solver® ball joint and premium MOOG bushings.

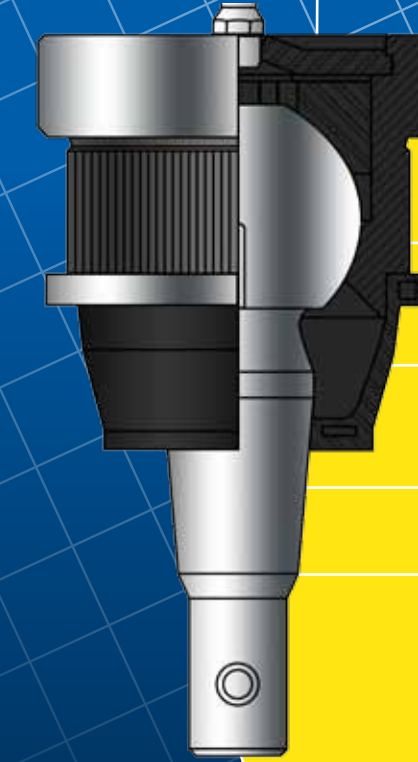


OE-Specified geometry

Serviceable MOOG Ball Joint

Pre-installed Premium Bushings

MOOG PROBLEM SOLVER BALL JOINTS FEATURE:



Metal stud with full-ball configuration provides 360° of smooth, even rotational movement for more responsive steering.

All-metal "gusher" bearing design allows lubricant to penetrate bearing surfaces for longer life.

Exclusive double bearing allows for less preload, resulting in reduced steering effort.

Serviceable design provides longer life.

MOOG "grease release" polyurethane boot lasts longer and directs contaminants out of the socket and away from brake components during lubrication.