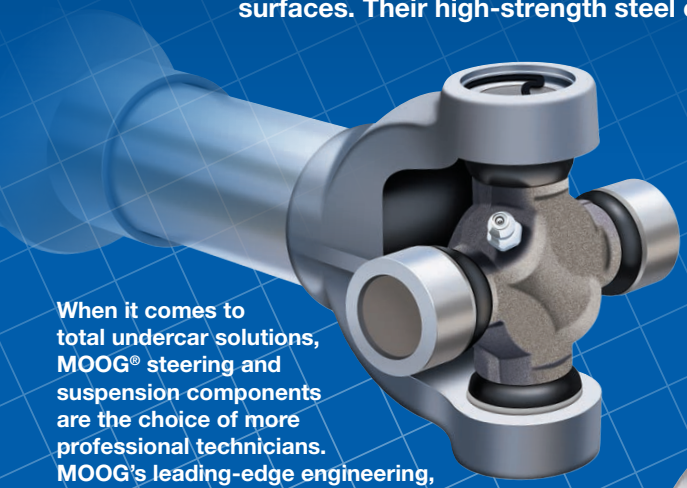
MOOG® STEERING & SUSPENSION

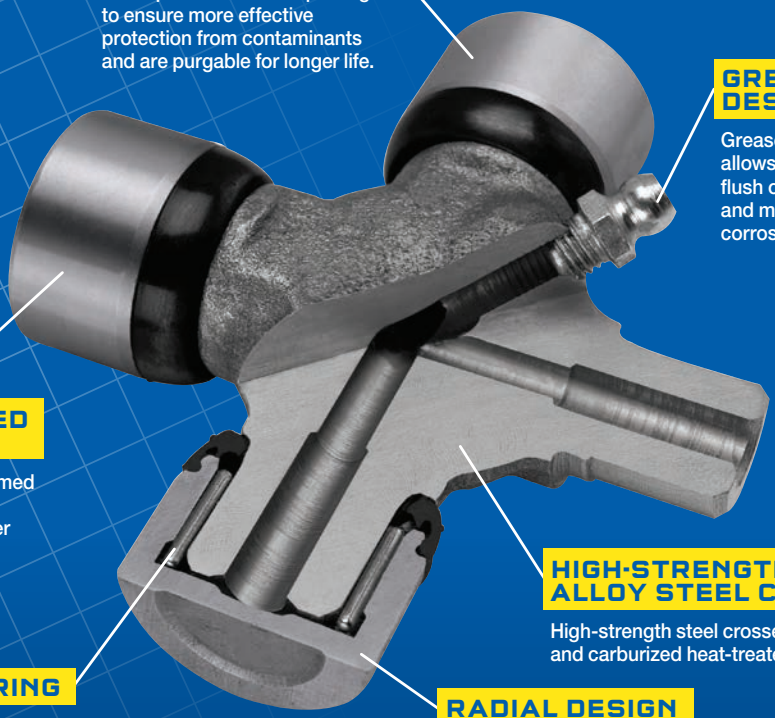
NASCAR PERFORMANCE®

MOOG® PREMIUM U-JOINTS

MOOG Premium u-joints' cold-forged, case-hardened bearing cups are designed for increased wear performance and strength, while their radial design allows 360° lubricant distribution to all bearing surfaces. Their high-strength steel cross incorporates a grease fitting for easy maintenance.



When it comes to total undercar solutions, MOOG® steering and suspension components are the choice of more professional technicians. MOOG's leading-edge engineering, metallurgy and manufacturing, along with long-lasting, problem-solving performance, have earned the trust of technicians and NASCAR® crew chiefs.



NITRILE RUBBER GREASE SEALS

Nitrile rubber grease seals use a compressed double lip design to ensure more effective protection from contaminants and are purgable for longer life.

GREASEABLE DESIGN

Greaseable u-joint allows for new grease to flush out contamination and moisture, reducing corrosion and wear.

CASE-HARDENED BEARING CUP

Bearing cups are cold-formed and case-hardened, then precision-ground for better wear and strength.

HIGH-STRENGTH ALLOY STEEL CROSS

High-strength steel crosses are forged and carburized heat-treated for long life.

NEEDLE BEARING

Needle bearings are precision-ground for maximum load-carrying capabilities.

RADIAL DESIGN

Bearing cups utilize a radial design to allow 360° lubricant distribution to all bearing surfaces.

PREMIUM UNIVERSAL JOINTS

For passenger car and light truck applications

ANTI-GALVANIC UNIVERSAL JOINTS

For aluminum driveline applications

SUPER-STRENGTH® UNIVERSAL JOINTS

For severe duty applications

HEAVY DUTY UNIVERSAL JOINTS AND AGRICULTURAL PRODUCTS

For fleet and commercial vehicles

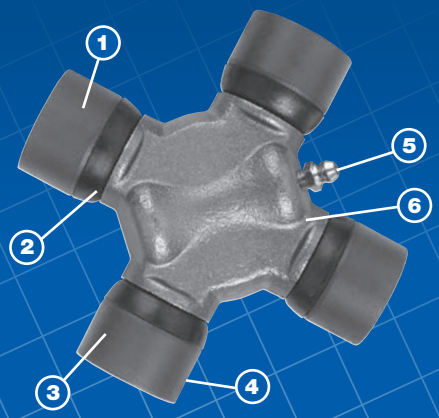
THE PROBLEM SOLVER®

FEDERAL-MOGUL MOTORPARTS

MOOG STEERING & SUSPENSION

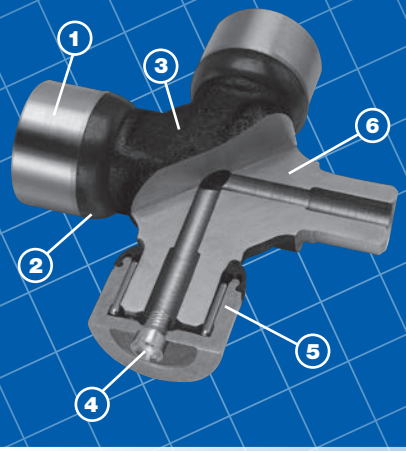
NASCAR PERFORMANCE

TO MEET YOUR SPECIFIC CHALLENGES, MOOG® ALSO OFFERS:



ANTI-GALVANIC U-JOINTS

1. Chemically-coated, corrosion-resistant bearing cups are cold-formed and case-hardened, then precision-ground for better wear and strength.
2. Nitrile rubber grease seals use a compressed double lip design to ensure more effective protection from contaminants and are purgable for longer life
3. Needle bearings are precision-ground for maximum load-carrying capabilities.
4. Bearing cups utilize a radial design to allow 360° lubricant distribution to all bearing surfaces.
5. Greaseable u-joint allows for new grease to flush out contamination and moisture, reducing corrosion and wear.
6. High-strength steel crosses are forged and carburized heat-treated for long life.



SUPER-STRENGTH® U-JOINTS

1. Case-hardened bearing cups are precision-machined for consistent quality throughout the joint.
2. Abrasion-resistant nitrile seals provide optimal grease retention and excellent protection from under-vehicle contaminants.
3. Super-Strength® u-joints feature an exclusive MICRO SHIELD™ coating to protect against rust and corrosion.
4. Greaseable versions feature a flush lube fitting in the bearing cup for easy access. Cross strength is increased by eliminating unnecessary grease channels.
5. Bearing cups feature a radial design to allow 360° lubricant distribution to all bearing surfaces.
6. Super-strong alloy steel crosses are forged and case-hardened for maximum life.

HEAVY DUTY U-JOINTS

1. Bearing cups are cold-formed and case-hardened with a state-of-the-art manufacturing process to ensure the highest quality. All parts are ground to stringent tolerances with quality control inspections at every step of the manufacturing process.
2. Grease fitting holes are drilled and tapped. Most MOOG® Heavy Duty u-joints feature dual grease fittings for easier access during regular joint maintenance.
3. Cross trunnions have large grease reservoirs that feature radial grease channels for optimal grease distribution.
4. Cross trunnions are ground during manufacturing to a 15-25 RMS finish. This provides a smooth surface that is free of microscopic grooves that can cause premature wear.
5. Internal anti-drainback valve is integrated into the thrust washer to control lubrication flow and prevent dry start-up.

Check out the collection of performance suspension parts we offer.

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