

MOOG® PREMIUM U-JOINTS

For passenger vehicle and light truck applications, MOOG Premium U-Joints deliver durability and reliable performance that you can count on.

NITRILE RUBBER GREASE SEALS

Compressed double lip design for effective protection against contaminants

CASE-HARDENED BEARING CUPS

for strength and durability

PRECISION-GROUND NEEDLE BEARINGS

for optimal carrying capability

GREASABLE DESIGN

for easy maintenance and longer service life (application-specific)

FORGED STEEL CROSS DESIGN

Carburized heat-treated for strength

RADIAL BEARING CUP DESIGN

to allow 360° lubricant distribution to all bearing surfaces

The STRENGTH to DELIVER

The MOOG U-Joint product line is made to deliver reliability and dependability, maximizing the integrity of your vehicle's drivetrain. When the road ahead gets tough, you can count on your MOOG U-Joint to come through when it counts.

MOOG® UNIVERSAL JOINTS



moogparts.com

MOOG

The Problem Solver™



STRENGTH WHERE IT MATTERS MOST

Your vehicle's drivetrain is only as strong and reliable as its weakest link. If a universal joint isn't up to withstanding constant vibration and tens of thousands of pounds of torque—not to mention all of the contaminants, impact and abuse the road can dish out—you're not going anywhere.

That's where MOOG Universal Joints can make all the difference. Exceptional engineering, premium-quality materials and unique Problem Solver enhancements ensure that MOOG Universal Joints remain strong and reliable over the long haul.

MOOG makes a complete line of U-Joints with the right technologies, features and materials to perform in each specific application.

SIGNS OF U-JOINT FAILURE

Universal joint failure can cause damaging—and potentially dangerous—drivetrain failure.

DIFFICULTY TURNING—A failing U-Joint can prevent wheels from turning properly, making it difficult to control the vehicle.

SQUEAKING NOISE—A squeaking noise at low speeds can indicate that a U-Joint requires lubrication.

CLUNKING NOISE—A failing U-Joint can create a loud clunking noise when shifting from drive to reverse or reverse to drive.

SHUDDERING/VIBRATING—A failing U-Joint can cause a vehicle to shudder or vibrate upon acceleration from a stop or at low speed.

DISCONNECTED DRIVE SHAFT—Complete U-Joint failure can result in the drive shaft becoming disconnected from the transmission or the drive axle, immobilizing the vehicle.

SUPER STRENGTH[®] U-JOINTS[®] FOR HIGH-PERFORMANCE/ HIGH-HORSEPOWER VEHICLES

MOOG Super Strength U-Joints are built for strength and durability, even under the extreme torque and stress generated by high-performance vehicles.

FORGED, CASE-HARDENED ALLOY STEEL CROSSES for added strength

EXCLUSIVE MICRO SHIELD™ COATING to protect against rust and corrosion

FLUSH LUBE FITTING IN BEARING CUP for easy access and increased cross strength (greasable versions only)

CASE-HARDENED BEARING CUPS are precision-machined for consistent quality throughout the joint

RADIAL DESIGN for optimal lubricant distribution

ABRASION-RESISTANT NITRILE SEALS for ideal grease retention and contaminant protection

ANTI-GALVANIC U-JOINTS[®] for ALUMINUM YOKE APPLICATIONS

Steel U-Joints can cause a galvanic reaction that leads to corrosion in aluminum driveshaft yokes. MOOG Anti-Galvanic U-Joints are coated to protect aluminum yokes from corrosion.

CHEMICALLY COATED BEARING CUPS for corrosion resistance and cold-forged, case-hardened and then precision-ground for better wear and strength

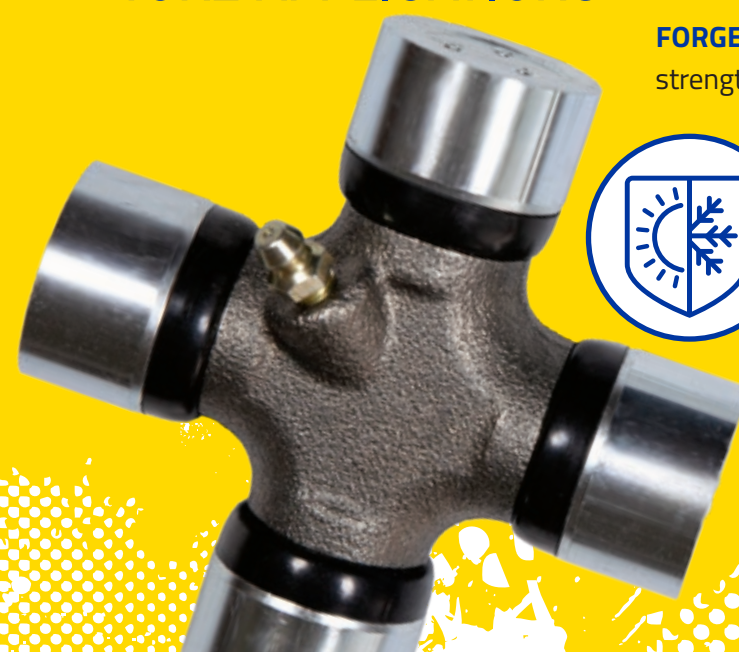
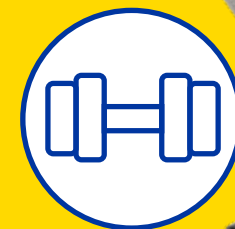
FORGED AND CARBURIZED STEEL CROSSES for added strength and long life

GREASABLE DESIGN lets new grease flush out moisture and contaminants (application-specific)

RADIAL BEARING CUP DESIGN for 360-degree lubricant distribution

PRECISION-GROUND NEEDLE BEARINGS for optimal carrying capability

PURGEABLE NITRILE GREASE SEALS compressed double lip design for effective protection against contaminants



HEAVY DUTY U-JOINTS[®] FOR COMMERCIAL, OFF-HIGHWAY, FLEET VEHICLES

MOOG Heavy Duty U-Joints are made to withstand extreme loads, continual use and harsh conditions for reliable, consistent performance. Most MOOG Heavy Duty U-Joints feature dual grease fittings for easier access during regular joint maintenance.

SMOOTH CROSS TRUNNIONS ground to 15-25 RMS finish to inhibit premature wear

INTERNAL ANTI-DRAINBACK VALVE to control lubricant flow and prevent dry startup

LARGE GREASE RESERVOIRS with radial grease channels for optimal grease distribution

DRILLED & TAPPED GREASE FITTING HOLES for easy maintenance (application-specific)

COLD-FORMED, CASE-HARDENED BEARING CUPS for added strength and durability



FIND THE RIGHT MOOG U-JOINT FOR YOUR APPLICATION

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