



PROBLEM SOLVER[®]

BULLETIN

CORROSION: ALUMINUM UNIVERSAL JOINT YOKE

VARIOUS VEHICLES, INCLUDING
DODGE, GM, NISSAN TRUCKS

PROBLEM:

Galvanic Reaction Causes Corrosion

To improve gas mileage and horsepower, vehicle manufacturers have designed driveshafts made of aluminum or other lightweight materials. These driveshafts utilize aluminum yokes. Aluminum universal joint yokes are susceptible to corrosion caused by a galvanic reaction that occurs when the aluminum yoke contacts the steel u-joint.

SOLUTION:

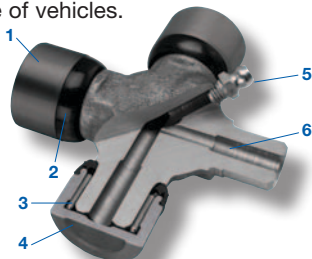
Chemically Coated MOOG[®] Universal Joints

These universal joints featuring chemically coated bearing cups and lock rings are designed to protect aluminum yokes from corrosion caused by contact with steel u-joints.

These premium u-joints feature:

1. Cold-formed, case-hardened coated bearing cups that are precision-ground to meet or exceed OE standards, for better wear and strength.
2. Superior quality seals, designed to keep out contaminants and to allow for proper lubrication.
3. Precision-ground needle bearings for maximum load-carrying capabilities.
4. Radial design bearing cups that allow 360° lubricant distribution to all bearing surfaces.
5. Greaseable design that allows for easy maintenance.
6. High-strength steel crosses that meet or exceed OE specification and are carburized heat-treated for long life.

These coated anti-galvanic u-joints are available for a wide range of vehicles.



Includes coated lock rings



SOLUTION: (CONT.)

MOOG[®] Super Strength[™] Greaseable Universal Joints mounted at the axles and driveshaft are recommended for Jeep Wranglers that may be taken off-road. These u-joints are designed to handle high torque and stress, and their greaseable design allows fresh lubrication to reach critical areas and enables the flushing of contamination. In addition, the MICRO SHIELD[™] coating helps protect against rust and corrosion.



Coated U-Joints For Use In Aluminum Yokes

Years	Make/Model	Part Number
1984-1996	Chevrolet Corvette	231C
2005-2006 1999-2010 2007-2009	Dodge Trucks GM Trucks Nissan Trucks	330C
1988-2010 2004-2010 2007-2010	GM Trucks Nissan Trucks Toyota Trucks	331C
2001-2007	GM Trucks	351C
1988-2010 2006-2008 2005-2010	GM Trucks Isuzu Trucks Nissan Trucks	354C
1988-2010 2006-2008	GM Trucks Isuzu Trucks (354C x 534G)	355C
1988-1992 1984-1996 1988-1992 1998-2002 1998-2004	Chevrolet Camaro Chevrolet Corvette Pontiac Firebird Honda Passport Isuzu Trucks	369C
1988-1992 1988-1992	Chevrolet Camaro Pontiac Firebird (369C x 534G)	372C
1991-1992	Dodge Trucks (354C x 317)	457C
1992-1997	Dodge Trucks (354C x 316)	458C



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

moogproblemsolver.com

