

CR UNIVERSAL JOINTS



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Extra strength and durability built-in.

The power connection link-up. The various components of the driveline are linked by universal joints (u-joints) that allow operation through different, or changing, angles. The application determines how many u-joints are required.

Automotive drivelines have as few as two, while heavy truck powertrains require as many as seven or more.

When u-joints fail, the link between the driveline and the expensive drive components is gone. The driveline depends on the strength and durability of the universal joints.

All u-joints are not created equal. The difference starts in CR's engineering department and continues through the manufacturing process. CR u-joints

are made from high strength steel and heat-treated for maximum operating life.

Grease passageways are drilled through each trunnion, and pressed into the ends of the trunnions in a "sunburst" pattern. This assures an even flow of lubricant to the needle bearings.

Lack of lubrication is the leading cause of u-joint failure. To further prevent possible damage, especially during dry start-ups, some CR heavy-duty u-joints also include anti-drainback valves. This assures that lubricant is always in each bearing cup even when the u-joint is at rest.

An extra built-in feature is a high quality rubber seal that ensures that the lubricant stays in and contaminants stay out.

The market link-up. CR offers universal joints to fit heavy-duty trucks, light

trucks, passenger cars, farm equipment and power take-off assemblies. Off-highway applications such as scraper tractors, wheel loaders, cranes, log skidders, crawler tractors and forklifts are also included.

An extensive line of driveline replacement parts available. CR covers agricultural and truck mounted power take-off applications. Component part kits (including u-bolts and clamps) and telescoping PTO driveshafts are available.

CR offers other components designed specifically for PTO applications: end yokes, quick disconnect yokes, slip yokes, weld yokes, slip sleeves, set screws, tubing and other replacement parts needed to rebuild or repair PTO drivelines.

Link-up with CR support.

A full range of catalogs, training materials, and technical support is just a phone call away. Call toll free 1-800-882-0008. In Canada call 1-800-263-5105 (English) or 1-800-263-5143 (Bilingual).

CR Services, 735 Tollgate Road, Elgin, Illinois 60123-9332.

Chicago Rawhide Products Canada, Ltd., 2390 South Service Road, Oakville, Ontario, Canada L6L 5M9.



The CR Difference

1. High Strength Steel Crosses — Made from high strength steel and produced on state-of-the-art impacter equipment. These parts are heat-treated to provide maximum strength and increase operating life.

2. High Quality Seals — Long-wearing abrasion resistant Nitrile seals retain lubricant in the bearing and keep contaminants out. Metal protective shields are used on many truck applications for extended seal life.

3. Machined to Meet or Exceed OE Standards — All parts are ground to stringent tolerances with quality assurance inspections at every step of the manufacturing process.

4. Grease Fitting Holes Drilled and Tapped — In addition to standard grease fittings, CR offers flush fittings. These fittings are normally located in the cross. For specialized applications, the fitting is located in the end of the bearing cup for easy access.

5. Superior Lubricating Properties — Large grease reservoirs in the cross with anti-drainback valves on truck joints assure proper lubrication. Large channels in the joint assure proper grease distribution.

