

**SPICER®**



# Spicer Life® Series Commercial Vehicle Universal Joints



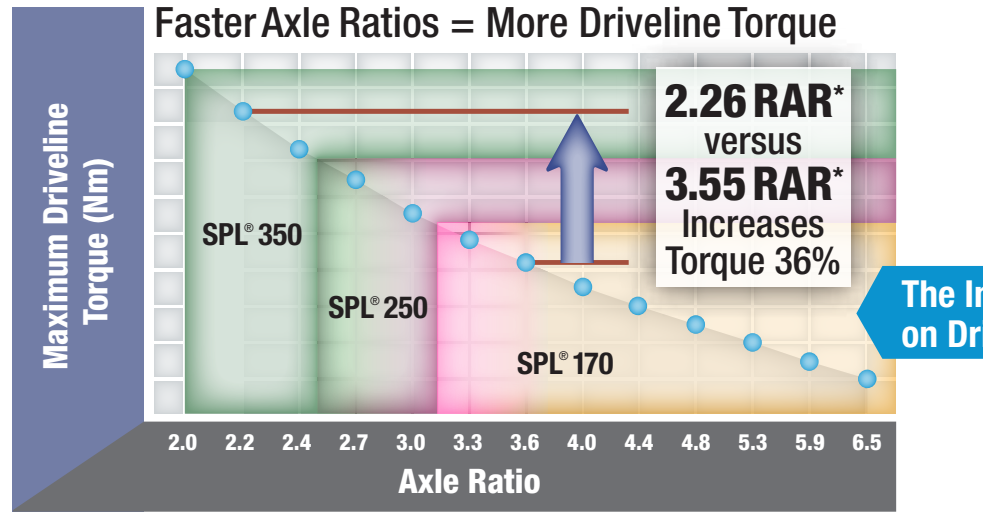
## **U-Joints that Perform in the Lab and on the Road.**

No other u-joints are better equipped to meet the needs of today's high-efficiency trucks than Genuine Spicer Life® Series u-joints. These u-joints are designed to withstand the increased stress that high-efficiency truck configurations place on the driveline, and High Power Density™ (HPD™) features extend product life.



# Engineering Driveshafts for Lower RPMs

Spicer Life® Series u-joints are engineered, tested and proven to meet the torque demands being placed on the drivetrains. While engine downspeeding offers increased fuel economy and decreased emissions, the **faster axle ratios** needed to accommodate the **lower RPMs** result in **additional torque** in the drivetrain, placing much **higher stresses** on the main driveshaft, axles, and inter-axle shaft.



\* RAR = Rear Axle Ratio

Better performance. Longer life. Lower operating costs. **W**

## Spicer Life® Series U-Joints and Driveshafts—There is

The Spicer® family of heavy-duty u-joints extends the life of the drivetrain, and can eliminate restrictions on engine speed and torque in today's Class 8 linehaul and vocational vehicles. Spicer Life® Series u-joints are equipped with **High Power Density™** (HPD™)

features. These deliver higher torque, a smaller package, and a longer life, while working with the entire powertrain system to maximize reliability and efficiency. Spicer driveshafts also feature a service-free option to save you money and add convenience.

Benefit
Optimal torque carrying capacity
Service-free option provides a
Dana support provides useful information and
Smaller packaging allows for greater flexibility
Industry leader providing broadest range of

The Spicer® Trio of Driveline Solutions  
**TESTED, PROVEN, TRUSTED, AND**



**SPL® 170**  
Torque capacity:  
12,538 ft.-lb.  
[17,000 Nm]



**SPL® 250**  
Torque capacity:  
18,439 ft.-lb.  
[25,000 Nm]

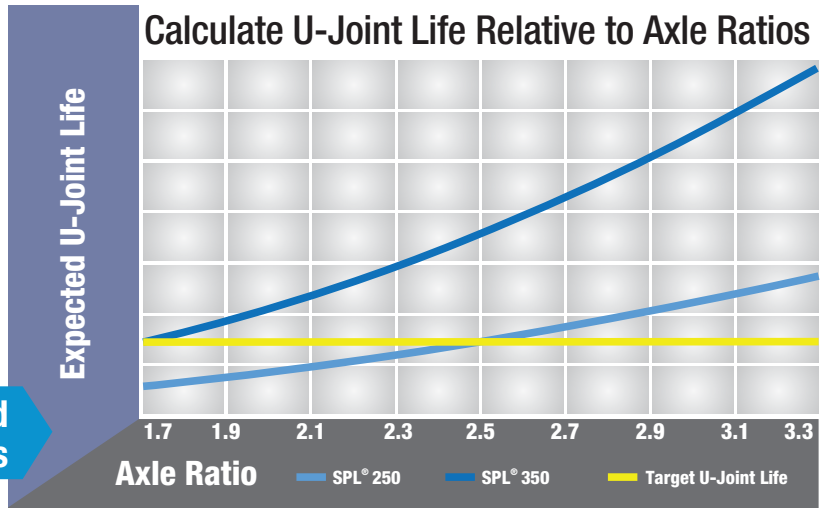
# SPL<sup>®</sup> 350 U-Joint Puts the Life into Downspeeding Applications

The *right* driveshaft and inter-axle shafts with **robust and durable components** can **handle the added input torque** with even **greater reliability**. That's why Dana engineered the **Spicer Life<sup>®</sup> Series** with an exclusive design that **accommodates faster axle ratios** without **sacrificing life**.

**Impact of Axle Ratios  
on Vehicle Torque**

**Lower Engine Speeds Demand  
the Most Durable U-Joints**

## Calculate U-Joint Life Relative to Axle Ratios



We've set the standard – so you can enjoy the advantages.

## No Substitute!

- **Ability to meet vehicle demands**
- **Maintenance-free product**
- **Superior under-the-vehicle knowledge**
- **Flexibility among driveshaft configurations**
- **Wide range of products to meet your requirements**

## ENGINEERED AND SPECIFIED.



**SPL<sup>®</sup> 350**  
Torque capacity:  
25,815 ft.-lb.  
[35,000 Nm]

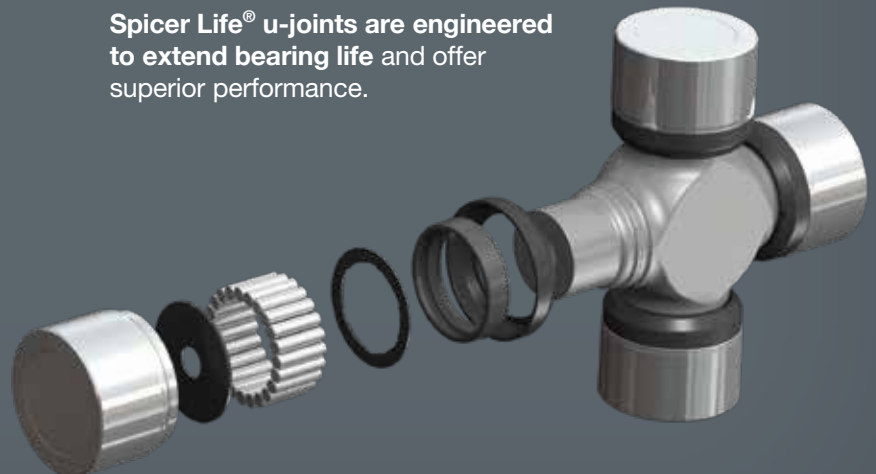
## Features and Options



**Optional permanently lubricated u-joint** with extended warranty requires no lubrication for the life of the product.



Spicer Life<sup>®</sup> u-joints are engineered to extend bearing life and offer superior performance.





# Spicer U-joints Outperform the Competition!

Check out the performance of our automotive, passenger car and light truck u-joints. Download this piece of literature (J3349) from our literature library at [Media.SpicerParts.com](http://Media.SpicerParts.com). Demand the Best ... Demand Genuine Spicer.<sup>®</sup>

**Spicer<sup>®</sup> Light Vehicle U-Joints Outperform the Competition!**

**We Invented the First U-Joint in 1904, and We Still Make the Best.**  
 Ever since Clarence Spicer invented the first universal joint in 1904, the Spicer<sup>®</sup> name has been synonymous with quality and performance. Today, Spicer<sup>®</sup> upholds this reputation by incorporating the latest advancements in design, materials, and manufacturing processes to deliver a consistent, high-quality product that is engineered to meet the specific demands of the application.

Product Information: [SpicerParts.com](http://SpicerParts.com) | E-mail: [spicerparts@dana.com](mailto:spicerparts@dana.com) | 1-800-368-6868

**Outperform the Competition!**  
 To help increase operating costs in a new consistency factor. See the Spicer<sup>®</sup> Spicer part.

**in Drivelines.**  
 Spicer products are high-quality built every time.

By grinding the steel to improve the fit.

**Beating Cars**  
 Spicer products are designed for strength, precision ground and case hardened for durability.

### Premium Spicer Lite<sup>®</sup> Series U-Joints - Built for the Long Haul.

Spicer Lite<sup>®</sup> Series u-joints are based on 4140 chromoly alloy steel. With the precision heat treating, case hardening and journal grinding processes are similar to the Spicer 10<sup>®</sup> Series u-joints, the Spicer Lite<sup>®</sup> Series u-joints include the following upgrades:



Spicer Lite<sup>®</sup> Series u-joints are available in greaseable and (LUB-FREE) non-greaseable options.



For more information on genuine Spicer products, visit us on the web at [SpicerParts.com](http://SpicerParts.com).

[SpicerParts.com](http://SpicerParts.com)

Dana Aftermarket Group  
 PO Box 1000 Maumee, Ohio 43537  
 Warehouse Distributors: 1.800.621.8084  
 OE Dealers: 1.877.777.5360

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