

**SPICER®**



# Spicer® 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® name has been synonymous with quality and performance. Today, Spicer® u-joints incorporate 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.



# Tested. Proven. Trusted. Driven. Spicer® U-Joints Outperform the Competition!

Spicer 10® Series and Spicer Life® Series u-joints deliver optimal performance to help minimize operating costs and downtime over the life of the vehicle. Not only are Spicer parts better, they are consistently better. See the testing data charts below. Demand the best and the most reliable. Demand genuine Spicer parts!

## Spicer 10® Series U-Joints, from the Most Trusted Name in Drivelines.

Spicer 10® Series u-joints are the standard for premium performance in the driveshaft market. Spicer products are manufactured using statistically controlled processes to ensure you get the same high-quality part every time.

### Zerks

Allow for relubricating at regular intervals to help extend the life of the part.

### Seal and Bearings

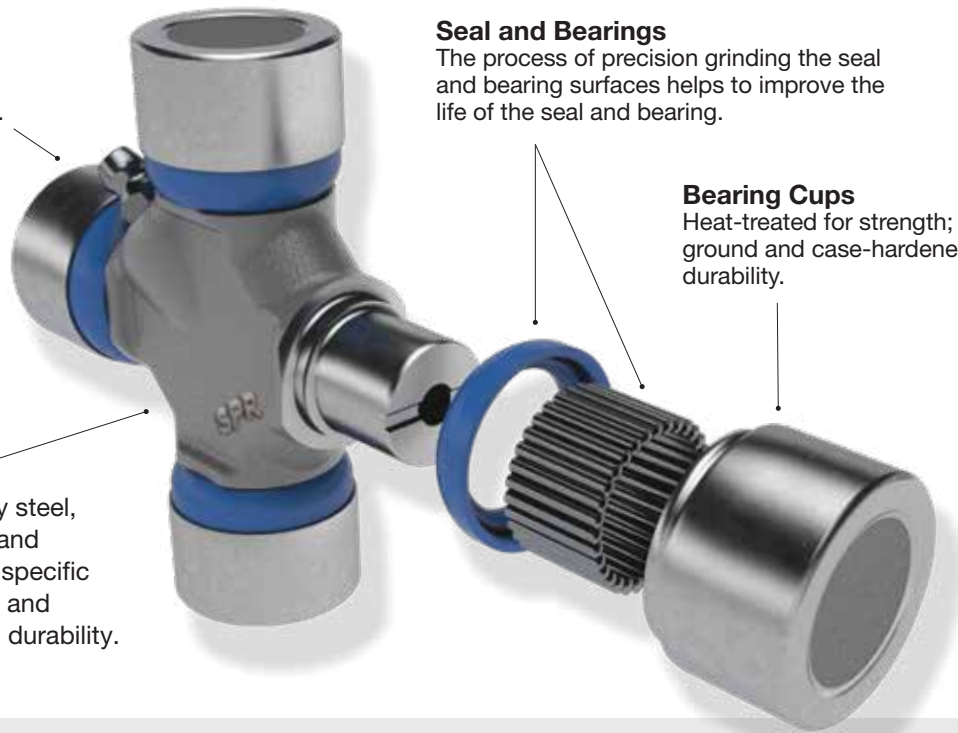
The process of precision grinding the seal and bearing surfaces helps to improve the life of the seal and bearing.

### Bearing Cups

Heat-treated for strength; precision-ground and case-hardened for durability.

### Journal Cross

Forged with high-quality steel, precision heat-treating and case-hardening to very specific levels, ensuring optimal and consistent strength and durability.



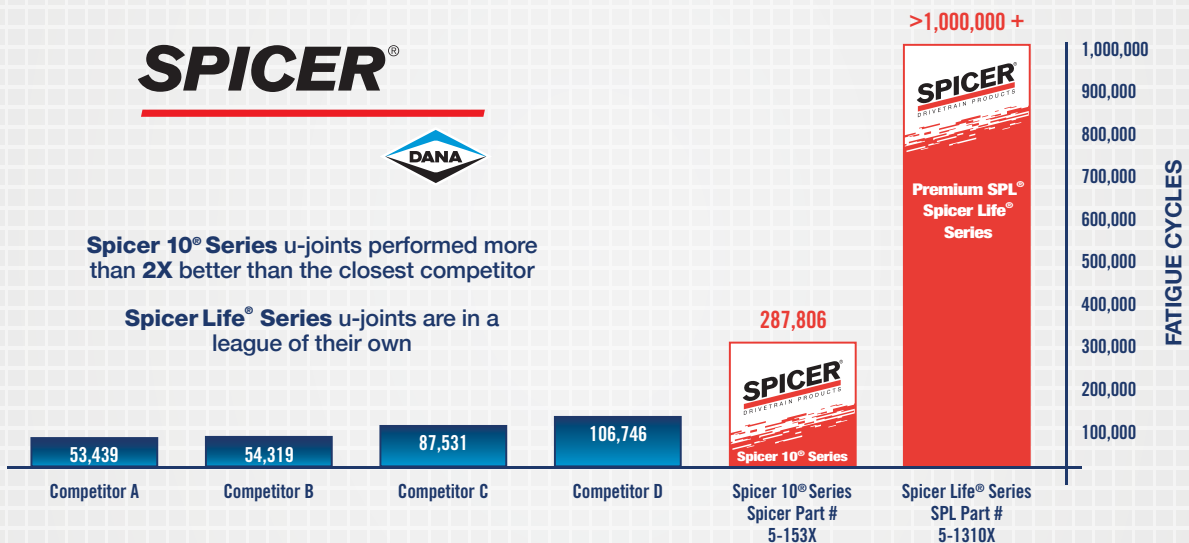
## FATIGUE TESTING: 1310 SERIES U-JOINTS

**SPICER®**



Spicer 10® Series u-joints performed more than 2X better than the closest competitor

Spicer Life® Series u-joints are in a league of their own



U-JOINT KIT TEST RESULTS • AVERAGE CYCLES TO FAILURE – BASED ON SAMPLES TESTED IN 2016

## Premium Spicer Life® Series U-Joints – Built for the Long Haul.

Spicer Life® Series u-joints are head and shoulders above the rest. While the precision heat treating, case hardening and journal grinding processes are similar to the Spicer 10® Series u-joints, the Spicer Life® Series u-joints include the following upgrades:

### Journal Cross

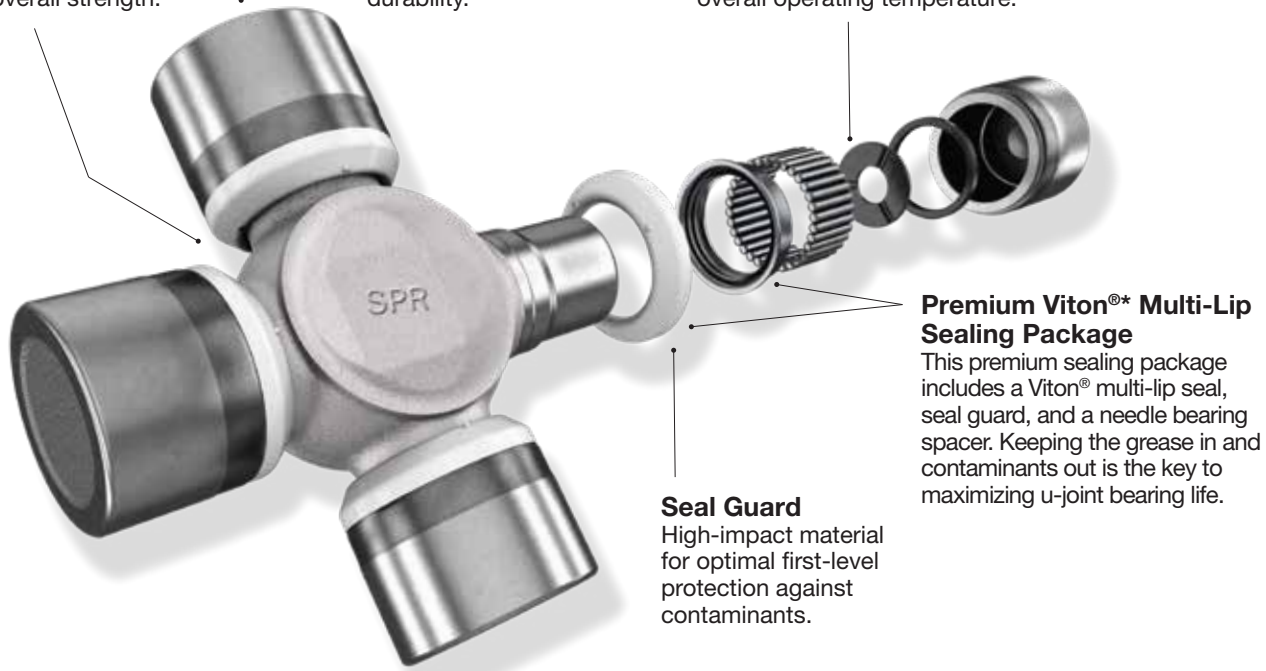
Engineered with a cold-formed body to ensure better wear and overall strength.

### Bearing Cups

Heat-treated for strength; precision-ground and case-hardened for durability.

### Thrust Washers

Friction and heat can cause premature failure. The Spicer thrust washer eliminates metal-to-metal contact/friction, prevents wear, and lowers the overall operating temperature.



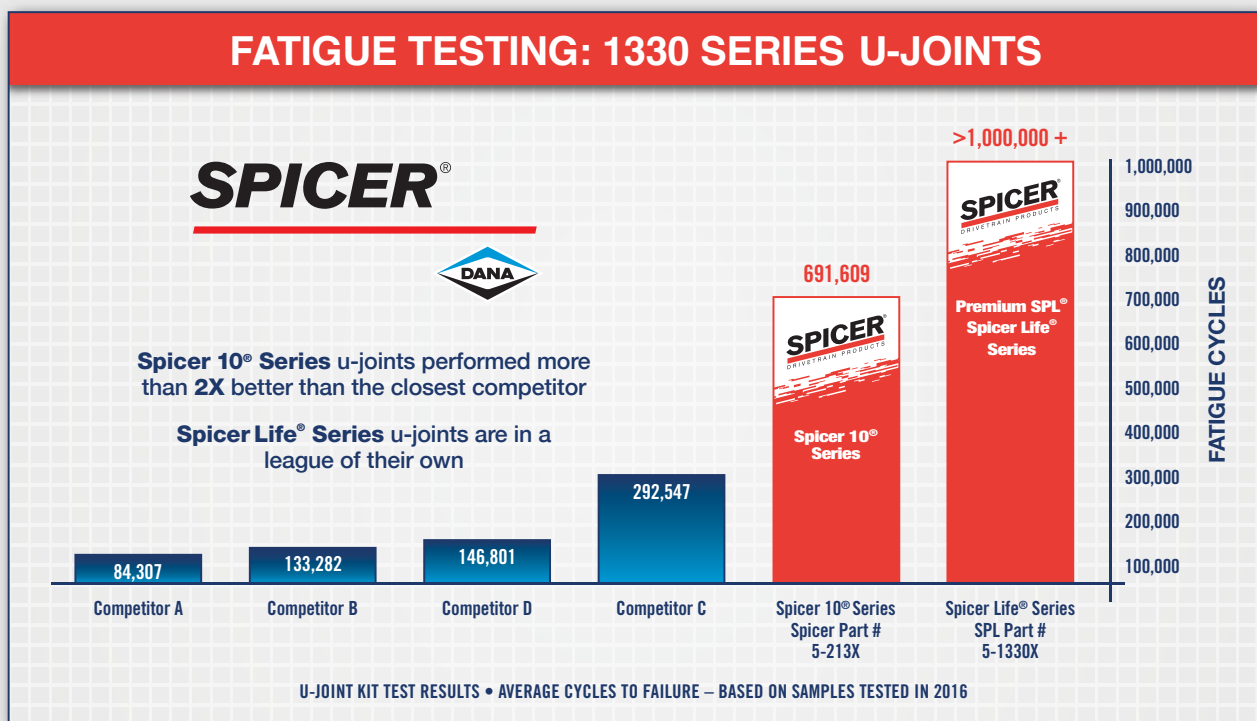
### Premium Viton®\* Multi-Lip Sealing Package

This premium sealing package includes a Viton® multi-lip seal, seal guard, and a needle bearing spacer. Keeping the grease in and contaminants out is the key to maximizing u-joint bearing life.

### Seal Guard

High-impact material for optimal first-level protection against contaminants.

Spicer Life® Series u-joints are available in greaseable and lubed-for-life / non-greaseable options.



\*VITON is a registered trademark of The Chemours Company.

# Part Number Interchange

Spicer Part #	Series	Moog/Precision	Neapco	Duralast	SKF
5-3147X	MECHANICS 3, SAGINAW 44, AAM 1344	234, 235, 534G	2-3010, 2-3011, 2-3111, 2-0795, 2-3011G	2-3011DL, 2-3111DL	UJ234, UJ235, UJ534G
5-213X	SPICER 1330	254, 270, 354	2-4800, 2-4801, 2-0790, 2-4800G	2-4800DL, 2-4801DL	UJ254, UJ270, UJ354
5-178X	SPICER 1350 (SPL30)	231, 232, 331, 331BL	2-0052, 2-0053, 2-0053G, 2-0799	2-0053DL	UJ231, UJ232, UJ331, UJ331BL
5-153X	SPICER 1310/SPL22	269, 280, 329, 369, 379, 380	1-0153, 1-0153G, 1-0154, 1-0200, 1-0278, 2-0785	1-0153DL, 1-0154DL, 1-0278DL	UJ269, UJ280, UJ329, UJ369, UJ379, UJ380
5-160X	SPICER 1410 (SPL36)	295, 330, 471	2-0054, 2-0054G, 2-0801	2-0054DL	UJ295, UJ330, UJ471
5-760X	SPICER 1310WJ	371, 377	1-0297, 1-0298	1-0297DL	UJ371, UJ377
SPL55-3X	SPICER 1480 WJ (SPL55)	374	3-0332	3-0332DL	UJ374
5-212X	SPICER 1330 / MECHANICS 3R	290, 355	2-0621, 2-0793, 2-1569, 2-1569G	2-0621DL, 2-1569DL	UJ290, UJ355
5-3207X	AAM 1415	295A, 330A	3-0415	3-0415DL	UJ295A, UJ330A
5006813	AAM 1485WJ	464	3-0485	3-0485DL	UJ464
5-1510X	TOYOTA	285, 287	1-1612	1-1612DL	UJ285, UJ287
5-1204X	SPICER 1330 SPEC	264, 265, 434	2-4900, 2-4900G	2-4900DL	UJ264, UJ265, UJ434
5-1309X	DETROIT 7290	248, 316	2-0811, 2-1175, 2-1175G	2-1175DL	UJ248, UJ316
5-1330-1X	SPICER 1330	254, 270, 354	2-4800, 2-4801, 2-0790, 2-4800G	2-4800DL, 2-4801DL	UJ254, UJ270, UJ354
5-1350-1X	SPICER 1350	231, 232, 331, 331BL	2-0052, 2-0053, 2-0053G, 2-0799	2-0053DL	UJ231, UJ232, UJ331, UJ331BL
5-1310-1X	SPICER 1310	269, 280, 329, 369, 379, 380	1-0153, 1-0153G, 1-0154, 1-0200, 1-0278, 2-0785	1-0153DL, 1-0154DL, 1-0278DL	UJ269, UJ280, UJ329, UJ369, UJ379, UJ380
5-1410-1X	SPICER 1410	295, 330, 471	2-0054, 2-0054G, 2-0801	2-0054DL	UJ295, UJ330, UJ471
SPL55-4X	SPICER 1480 WJ (SPL55)	374	3-0332	3-0332DL	UJ374

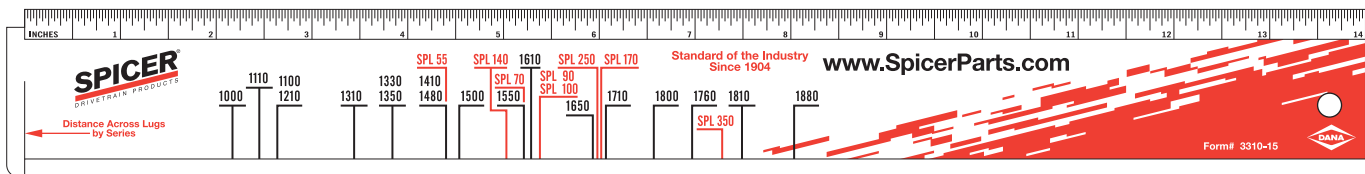


## Spicer® Ultra-Premium Synthetic Grease

Spicer products are manufactured to original equipment specifications, and Spicer ultra-premium synthetic grease is specifically engineered to complement Spicer universal joints. Compatible with all NLGI-2 greases, Spicer® ultra-premium synthetic grease delivers professional-grade quality—even at high temperatures. For more information about our Spicer ultra-premium synthetic grease, please visit our website at [SpicerParts.com/Grease](http://SpicerParts.com/Grease).

## How to Measure a Yoke

With help from the Spicer® Yoke Ruler and the Yoke and U-Joint Measuring Guide, you can quickly and easily identify the proper driveshaft series and u-joint options for your customer. This brochure (form number J3348) can be downloaded at [SpicerParts.com/Literature](http://SpicerParts.com/Literature).



For more information on this or any other Spicer driveline products, contact your sales representative or visit [SpicerParts.com](http://SpicerParts.com).

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

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