

Spicer Service Parts



SPICER[®]
Drivetrain Products



Dana Spicer® Service Parts

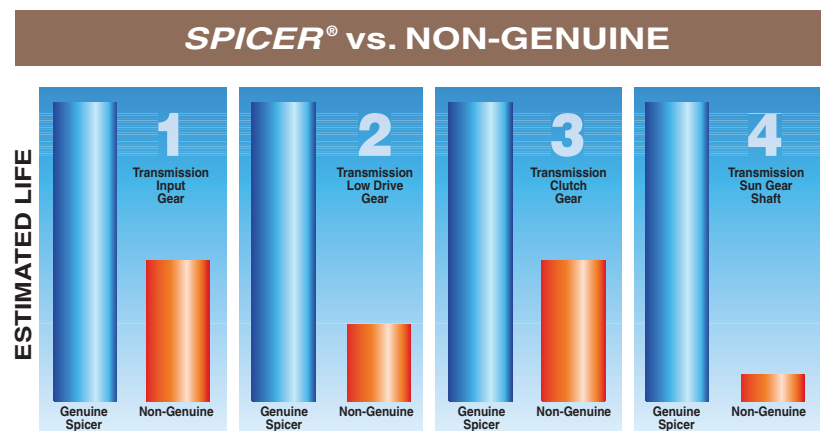
The Spicer Advantage Saves Money and Downtime

- **Superior Metallurgy:** Produces more consistent, high quality products.
- **Hobbed and Shaved Gearing:** Provides optimal mating to minimize stress and maximize life, thus reducing downtime and cost.
- **Precision Heat-Treating and Shot Peening:** Our parts are heat-treated and shot peened to great precision and measurement to meet the specific application demands.

These processes ensure consistent quality, enhanced life and exceptional durability, reducing downtime and cost.

Non-Genuine Replacement Parts Just Don't Measure Up!

Here are some examples of what can happen when you use non-genuine replacement parts instead of genuine Spicer O.E. parts:



1 A non-Spicer transmission input-gear from a failed three-speed forklift transmission shows extreme error in gear geometry from a hobbed (not shaved) manufacturing process. With severe involute error and undersized pitch and outside diameters, the result is stress concentrations near the root that caused pitting failure. Estimated life* is **50% less** than genuine Spicer.

2 A non-Spicer low-drive gear from the four-speed transmission of an underground mining vehicle shows extreme involute error from a hobbed (not shaved) manufacturing process. With no shot-peen and a poor surface finish on the flank and at the root profile, tooth failures occurred in the bending mode. Estimated life* is **75% less** than genuine Spicer.

3 A non-Spicer transmission clutch gear from an underground mining vehicle shows extreme error in gear geometry, lack of proper surface hardness, and no shot-peen, all of which caused tooth-bending failure. Estimated life* is **60% less** than genuine Spicer.

4 A non-Spicer steer axle sun gear shaft shows evidence of extreme error in gear geometry from a hobbed (not shaved) manufacturing process, low surface hardness from decarburization, and extreme index, lead, and involute errors, suggesting pitting failure at very low hours (with bending failure soon to follow). Estimated life* is **90% less** than genuine Spicer.

*Based on empirical evidence of the sample evaluated.

The Very Best in Original Equipment Parts

Dana Spicer Service Parts delivers worldwide, single-source convenience by offering a complete package of genuine original equipment service parts under the Spicer® name. We offer genuine O.E. parts and service for Dana's traditional Spicer branded components, as well as the components and brands that Dana has acquired, including Clark™, Clark-Hurth™, Sige™, Comaxle™, Kirkstall™, Spicer® GWB™, Spicer® Italcardano™, and Spicer® Ayra-Cardan™. These acquired brands now fall under the Spicer brand name.

Contact your equipment dealer or one of our Authorized Spicer Service Centers to request genuine Spicer components. These service centers are there to support the original equipment manufacturer and their distribution channel.

To make sure you're getting genuine components, demand Spicer.

Total Support

- Parts Marketing
- Custom Labeling
- Local and Global Parts Distribution
- Global Market Pricing
- Authorized Spicer Service Centers around the Globe
- Technical Support and Field Training
- Direct Sales Support
- Customer-Secure Ordering Systems at : www.Spicerparts.com/order.asp

We know that product support strongly influences your off-highway component purchases. That's why we back each sale with value-added service, maximizing your ROI for off-highway axles, transmissions, torque converters, electronic controls, driveshafts, and end fittings.

Technical Professionals and Publications Dedicated to Service

Our technicians are always ready to answer even your most complex questions. Using their practical knowledge and hands-on experience, they can support you in a variety of ways — from performing a field diagnosis to conducting new product training at your facility.

And our Spicer Off-Highway Service Manuals can be viewed or purchased on-line by visiting: www.Spicerparts.com/literature.asp.

Global Capabilities That Deliver

We maintain an extensive product inventory, making parts readily available to you via two global distribution centers



Crossville Distribution Center — USA

— one in Crossville, Tennessee, and the other in Purrs, Belgium. We also partner with Authorized Spicer® Service Centers worldwide, allowing us to span the globe in minutes to respond to your requests.

Satisfying Each and Every Customer

At Dana Spicer Service Parts, we know what it takes to be the world's leading source for off-highway components and services. Our global capabilities, comprehensive services, genuine parts, value-added support, remanufacturing options, and fast emergency response will maximize uptime for your vehicles.

To be a world-class provider of quality O.E. parts and innovative support services — **that's our commitment to you.**

Spicer Service Parts



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European Sales Office
32-50-40-2410

South American Sales Office
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Asia-Pacific Sales Offices
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To learn more about Spicer service parts, visit www.Spicerparts.com.



Drivetrain Products

Authorized Service Centers



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