SPICER®

Spicer® Heavy Axle
Ring and Pinion Gearing

Get Superior Performance with Genuine Spicer Products.

Spicer products deliver the same high performance you expect from OE parts. That's because they are OE parts, manufactured to the exact standards that have made us an industry leader for more than a century. Spicer gearing ensures longer axle life and reliable savings—see the difference for yourself!

Spicer® Heavy Axle Ring and Pinion Gearing

Outperforming the Competition by 280%. Competitive dyno testing proves that genuine Spicer gearing delivers longer life for your axle. You'll also see a reduction in downtime and greater savings over time.

Compare genuine Spicer gearing to the competition when it comes to fatigue and impact testing. Non-genuine gearing uses lower-quality steel, and their machining makes it difficult to set up the gears properly, no matter how much you shim them. That can lead to premature failure of the gearing—and the collateral damage that goes with it.

Spicer Gearing

Superior quality steel, blended specifically for Spicer gearing

Precision machining that ensures perfect fit between mating gears for extended life and quiet operation

Precise heat-treating that's tightly controlled and verified by micro-hardness testing

Shot-peened to reduce residual stress and avoid cracking, further extending gearing life
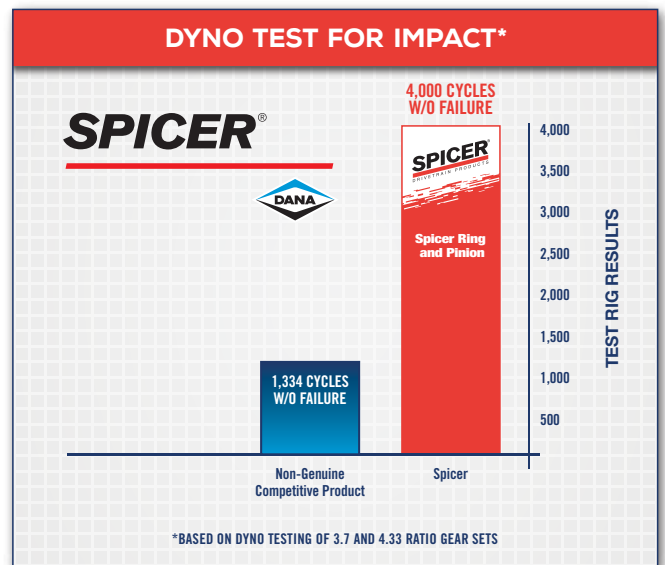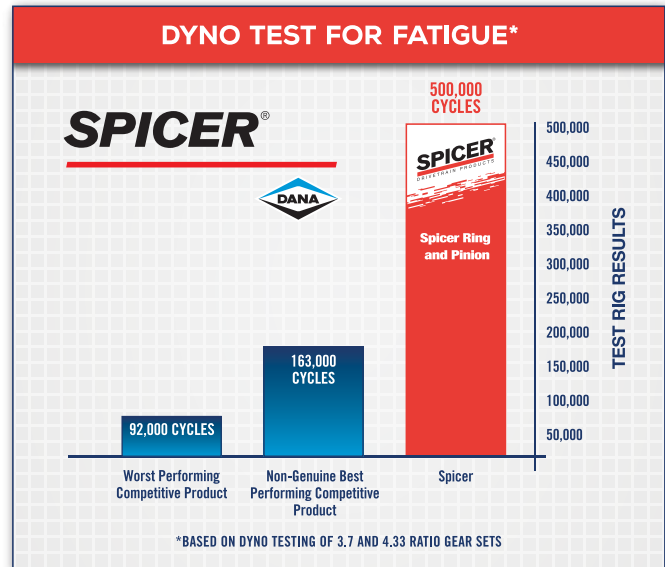
The Competition

Lower quality steel

Machining that makes gear set-up difficult, resulting in increased stress and fatigue—and premature failure

Inconsistent heat-treating, resulting in steel that's too hard or too soft—either of which increases risk of failure

Testing proves that non-genuine parts experience significantly fewer cycles before failure

DYNO TEST FOR FATIGUE*

SPICER®

500,000 CYCLES
Spicer Ring and Pinion

163,000 CYCLES

92,000 CYCLES

Worst Performing Competitive Product | Non-Genuine Best Performing Competitive Product | Spicer

TEST RIG RESULTS

*BASED ON DYNO TESTING OF 3.7 AND 4.33 RATIO GEAR SETS

DYNO TEST FOR IMPACT*

SPICER®

4,000 CYCLES W/O FAILURE
Spicer Ring and Pinion

1,334 CYCLES W/O FAILURE

Non-Genuine Competitive Product | Spicer

TEST RIG RESULTS

*BASED ON DYNO TESTING OF 3.7 AND 4.33 RATIO GEAR SETS

For more information on this or any other Spicer driveline products, contact your sales representative or visit SpicerParts.com.

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