

**SPICER®**



# A F T E R M A R K E T

# PERFORMANCE

# STRENGTH. POWER. ENDURANCE.

# UNLEASHED.



# SPICER® RING AND PINION GEARING OUTPERFORMS THE COMPETITION

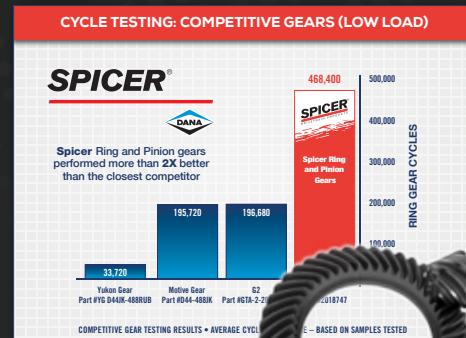
## Switch to a Better Gear

Spicer® ring and pinion gearing is the genuine gearing in all Dana manufactured axles.

Why is it better than the competition? We'll give you four good reasons:

1. Heat Treatment
2. Face Hobbing
3. Shot Peening
4. Lapping

See the back of this sheet for comprehensive testing data.



**SPICER®**

# RING AND PINION GEARING

## The Proof is in the Testing

Like all Spicer® products, we put our ring and pinion gears to the test to see how they measure up against the competition. The result? When it comes to performance and durability, Spicer has no competition!

## Spicer® Finishes First in Fatigue Tests

### The Test:

During fatigue tests, each gear is installed in a production axle attached to a dyno. The axle runs on the dyno until the gear fractures. The high-load test simulates a loaded vehicle going uphill or carrying extra capacity such as a trailer. The low-load test simulates everyday driving at an accelerated rate.

### The Result:

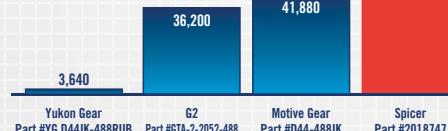
Under high-load conditions, Spicer ring and pinion gears lasted an average of 121,080 cycles—nearly three times as many cycles as the closest competitor. And under low-load conditions, Spicer ring and pinion gears performed more than twice as many cycles as the competition!



### CYCLE TESTING: COMPETITIVE GEARS (HIGH LOAD)

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Spicer Ring and Pinion gears performed **nearly 3X** better than the closest competitor

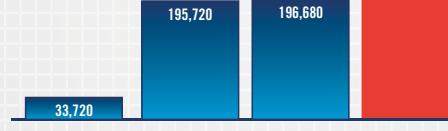


COMPETITIVE GEAR TESTING RESULTS • AVERAGE CYCLES TO FAILURE – BASED ON SAMPLES TESTED

### CYCLE TESTING: COMPETITIVE GEARS (LOW LOAD)

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Spicer Ring and Pinion gears performed **more than 2X** better than the closest competitor



COMPETITIVE GEAR TESTING RESULTS • AVERAGE CYCLES TO FAILURE – BASED ON SAMPLES TESTED

Contact your Spicer Sales Representative for more information about our industry-leading products.

For additional information on Spicer products, visit [www.SpicerParts.com](http://www.SpicerParts.com).  
For our E-catalog and E-commerce, visit [www.DanaAftermarket.com](http://www.DanaAftermarket.com).



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