

# Roadranger®

## Dana® Spicer® UHS™ Unitized Hub System

Drive Axle

Steer Axle

Trailer Axle

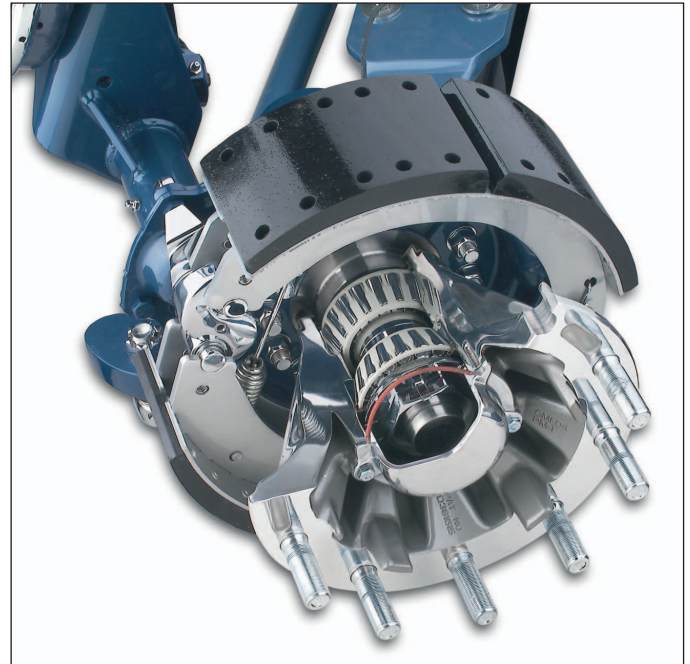


One Great Drivetrain from Two Great Companies

## Dana Spicer offers a complete line of Unitized Hubs.

Maintenance has never been so easy.

Dana proudly introduces a hub with technology that combines the several parts of conventional wheel ends into a single unitized hub. The Dana Spicer Unitized Hub System (UHS) is factory filled with synthetic grease and sealed to avoid lubrication intervals, bearing adjustment and seal replacement - eliminating hours of typical maintenance.



FEATURE	UHS	BENEFITS
Material	Iron or light weight aluminum.	Dana is the first to offer iron and aluminum on all spindle ends for flexible & lightweight spec'ing options for a variety of applications.
Bearing Type	Individual cups with extended individually selected cones.	Precision matched for long life and controlled end play.
Bearing Setting	Built-in preloaded – no adjustment required.	Custom manufactured to ensure optimum bearing setting – eliminates maintenance.
Lubrication	Synthetic grease packed.	Permanently lubed.
Wheel Seals	Unitized designs rotate on controlled bearing surfaces.	Minimizes potential for seal damage and wear.
Warranty	5-year/750,000 miles for steer and drive axles, 7-years for trailers.	Comprehensive and competitive for line-haul service.
Support	Part of the Roadranger system.	Backed by the most experienced drivetrain consultants in the business.

# Dana® Spicer® UHS™ Unitized Hub System

## Steer Axles

*GAWR 10,000 – 13,200 lb.*

Available with 15" or 16.5" ES Brakes for shorter stopping distance and longer brake life.

Dana is the only manufacturer to offer a one-piece patented steel forged knuckle/spindle for greater strength.

The exclusive combination of larger kingpin bushings and a kingpin sealing system, which includes the pressure reducing compressible inserts that help ensure long service life and reduced maintenance.

In addition, the unique two-drawkey and spring washer kingpin retention system, a robust beam forging design provides improved total vehicle alignment capability and axle durability.

The state-of-the-art Power Rib beam was engineered to meet the latest camber, toe setting, and braking requirements while maintaining light weight.

Steer axles assembled with the UHS aluminum hub option are 41 lbs. lighter than the competitive offering.

## Drive Axles

*GAWR 21,000 – 23,000 lb. Singles & 40,000 lb. Tandems*

Our 40,000 lb. tandems offer factory filled approved synthetic lubricants that require no initial drain and save you time and money. The drain intervals extend to 500,000 miles with approved synthetic lubes and no maintenance "U"-tube breather.\*

The Torsionally Tuned-40™ Tandem axle is specially "tuned" and designed to significantly reduce damaging driveline torsionals that can destroy many drivetrain components.

Dana Spicer drive axles offer maximum performance and durability along with advanced designs and the latest manufacturing technology which mean lower life cycle cost.

Like the UHS hub, premium Microlip™XL seals provide the most effective sealing system available to keep lube in, dirt and grime out.

Broad range of gear ratios allow for optimum powertrain specifications.

Optional features provide the flexibility to spec your vehicle to match your operating needs.

Available with 16.5" ES brakes for shorter stopping distance and longer brake life.

\* *Factory filled with Roadranger approved lube extends lube drain intervals. Must use patented "U"-tube breather.*

## Trailer Axles

*GAWR 20,000 – 23,000 lb.*

16.5" ES single or XtraLife™ II double anchor pin brakes are available with Dana Spicer Suspensions brakes designed to exceed the highest standards for safety, performance and savings.

Dana Spicer Trailer Products have defined the advanced design and manufacture of trailer axles and components. The Roadranger team works closely with fleets and trailer manufacturers to create axle products that offer versatility in application, added reliability, and solutions in cost savings.

Redesigned cam bracket assemblies for reduced maintenance and increased resistance to damaging road elements.

Dana Spicer standard and long-stroke air brake chambers.

Dana Spicer automatic slack adjusters with an extended one-year grease interval offer an industry leading 6 year/one million mile warranty and trailer axles are warranted for 7 years for line-haul applications.

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## Roadranger®

**MORE TIME ON THE ROAD**

The Roadranger® System is an unbeatable combination of the best products from Eaton and Dana – partnering to provide you the most advanced, most trouble-free drivetrain in the industry. And it's backed by the Roadrangers – the most experienced, most expert, most accessible drivetrain consultants in the business.

For spec'ing or service assistance, call **1-800-826-HELP** (4357) 24 hours a day, 7 days a week, (Mexico: 01-800-826-4357) for more time on the road. Or visit our web site at **[www.roadranger.com](http://www.roadranger.com)**.



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Printed in USA  
AXSL-0458 3/03  
2M/WP