

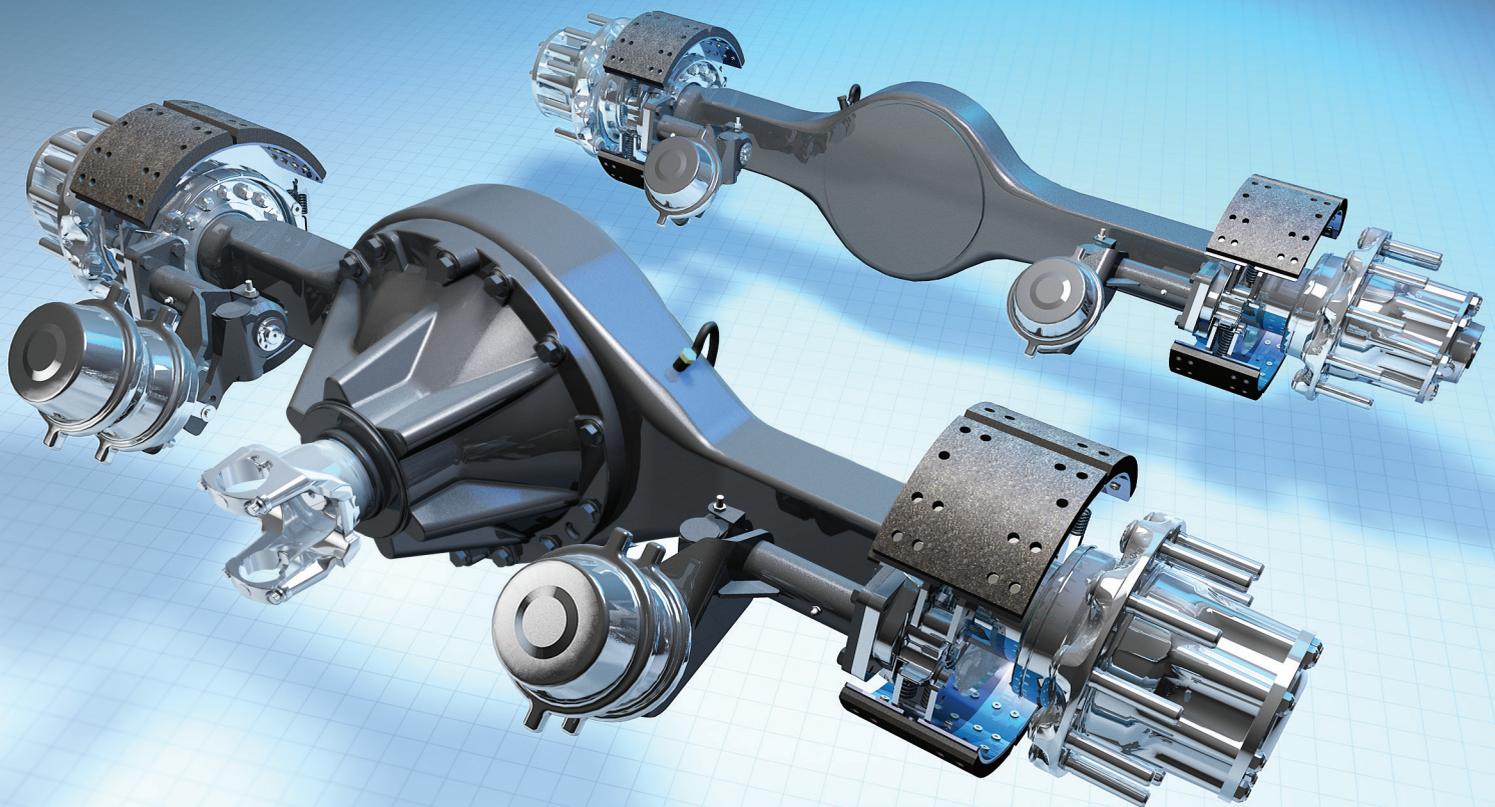
Spicer® EconoTrek™ Tandem Axle

Durable 6x2 design improves fuel efficiency and performance while reducing maintenance



SPICER®

Drivetrain Products



The most economical transportation solution for on-highway tandem operations.

With a weight savings of up to 350 pounds, this lightweight, yet heavy-duty tandem axle provides 2 to 3 percent fuel efficiency savings and superior performance benefits in commercial vehicles.



Spicer® EconoTrek™ Tandem Axle

The new Spicer® EconoTrek™ tandem axle is a durable, lightweight 6x2 configuration that offers increased fuel economy, improved performance, and reduced maintenance for heavy-duty linehaul tractors. Compared to traditional tandem axle arrangements, this system is up to 3 percent more efficient and up to 350 pounds lighter.

Features	Benefits
Up to 350 pounds lighter than 6x4 tandem axle system	Increased payload and fuel economy
Fast and broad range of ratios: 2.56 – 7.83	Flexible spec'ing options
Robust square edge banjo housing design	Better axle reliability and maximized tire life
Lightest weight tag axle – 20 to 30 pounds lighter than competitive products	Lower fuel costs/year and increased payload
Optimized for use with electronic controlled load distribution air suspension systems	Improved traction
Optional SelectTrac™, diff-lock, no spin differential, electromagnetic retarder	Customized to improve fleet operation
Robust design	Resistant to abusive spin-out events

Spicer® EconoTrek™ Tandem Axle Specifications

Axle Model	Ratings		Ratios	Axle Shaft			Ring Gear Dia in (mm)	Axle Housing			Wheel-End Series
	Max GAW lbs (kg)	Max GCW* HWY lbs (kg)		Body Diameter in (mm)	Number of Splines	Spline Diameter in (mm)		Box Section Width in (mm)	Box Section Height in (mm)	Wall Thickness at Spring Seat in (mm)	
S21-172 and S20-045B	40,000 (18,444)	100,000 (45,359)	3.07, 3.21, 3.42, 3.58, 3.73, 3.91, 4.10, 4.30, 4.56, 4.78, 5.25, 5.38, 5.57, 6.14	2.05 (52)	46	2.35 (60)	17.3 (450)	4.61 (117)	5.24 (133)	0.43 (10.9) and 0.37 (9.4)	R
S21-190 and S20-045B		140,000 (63,503)	2.56, 2.69, 2.87, 2.93, 3.07, 3.21, 3.42, 3.58, 3.73, 3.91, 4.10, 4.30, 4.56, 4.78, 5.25, 5.38, 5.57, 6.14, 6.83, 7.17, 7.83				18.5 (470)				

Rating is subject to Dana engineering application approval. * For 3% maximum grade.

Dana Commercial Vehicle Driveline Technologies

3939 Technology Drive
Maumee, Ohio, USA 43537
dana.com/cv



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Application Policy

Capacity ratings, features, and specifications vary depending upon the model and type of service. Application approvals must be obtained from Dana; contact your representative for application approval. We reserve the right to change or modify our product specifications, configurations, or dimensions at any time without notice.

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