

SPICER®



Spicer® Commercial Vehicle Medium-Duty Differential Options



Trac-Lok™ Differentials for S110, S111, S130 and S140 Axles
NoSPIN® Differentials for S140 Axles



NoSPIN® is a registered trademark of EATON.

Autonomous Delivery of Improved Traction Capability.

The new Spicer® Trac-Lok™ limited-slip differential for S110, S111, S130 and S140 medium-duty truck drive axle applications provides improved traction, autonomously. This design innovation from Dana delivers improved productivity and vehicle handling within a lightweight, compact design.



Spicer® Trac-Lok™ Limited-Slip Differentials.



As a world leader in drivetrain technology, Dana is focused on keeping vehicles running strong and maximizing uptime. The Spicer® Trac-Lok™ limited-slip differential (LSD) enhances our complete line of medium-duty aftermarket truck parts, providing durability while boosting productivity.

This device acts as an open differential, and freely differentiates in normal operating mode. During a slip event, it sends approximately 3x more torque to the high traction wheel-end, without requiring the driver to engage any switches or mechanisms. It then automatically returns to full differentiation as conditions change. For the most demanding applications, Dana also offers the option of a locking differential for Spicer S140 axles that delivers full-locking, maximum traction.*

Spicer® Trac-Lok™ benefits:

Boosts productivity

- Automatic traction engagement with no driver intervention
- Smooth operation that's transparent to the driver

Longer lifespan

- Superior lifetime torque bias performance
- No degradation

Seamless upgrade

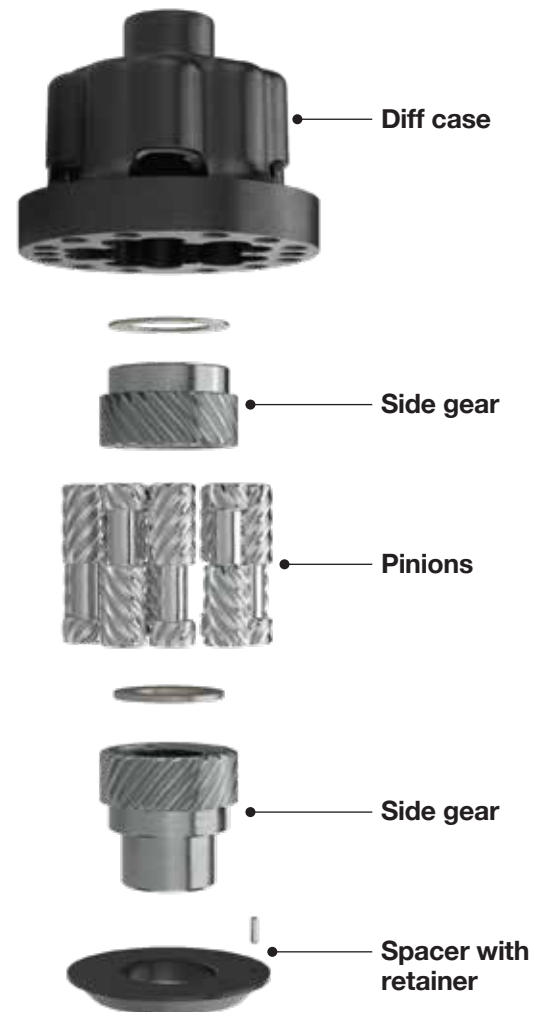
- No wiring or pneumatic connections
- Retrofittable with existing S110, S111, S130 and S140 axles
- No special lubricants or friction modifiers required
- Lightweight five-pinion pair design to serve a variety of Class 6 and Class 7 medium-duty applications

Optimized handling

- Operates with gear separation forces when there are differences in wheel torques
- Torque bias of ~3:1 in a slip event
- Maintenance free

Enhanced function

- Limits wheel-slip rather than fully locking the differential for improved vehicle maneuverability
- Freely differentiates in normal operating mode
- Available locking differential* for Spicer S140 axles delivers full 100% torque and power to both drive wheels, and drives the vehicle even if one of the wheels is off the ground



For part numbers, please visit [SpicerParts.com/Trac-Lok](https://www.SpicerParts.com/Trac-Lok). For more information on this or any other Spicer driveline products, contact your sales representative or visit [SpicerParts.com](https://www.SpicerParts.com).

*Available with an Eaton® NoSPIN® locking differential.

[SpicerParts.com/Trac-Lok](https://www.SpicerParts.com/Trac-Lok)

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