Hendrickson originated SSR MONOLEAF™—a weight-saving, single-leaf front truck suspension spring that provides fleets and owner operators with expanded cargo capacity.

Pioneering the three-leaf spring in the 1960’s and two-leaf springs in the 1980’s, Hendrickson formed innovative designs to maintain strength and durability while reducing weight by eliminating leaves. That culminates with the SSR MONOLEAF, which delivers a front suspension weight savings of some 40 pounds compared to a traditional two-leaf spring in 12,000-pound capacity arrangements.

SSR MONOLEAF’s parabolic design delivers an optimal balance of spring rate, stress and weight for an outstanding ride in axle-rated capacities of 8,000, 10,000 and 12,000 pounds.

Compared to conventional springs, SSR MONOLEAF spring geometry minimizes shackle movement, therefore enabling our patent-pending shackle-stop technology to integrate the axle alignment redundancy feature.

SSR MONOLEAF further enhances weight savings when paired with Hendrickson’s proven STEERTEK fabricated steer axle—a combination that can trim 70 pounds compared to traditional two-leaf springs on a forged I-beam axle.

For additional information, contact Hendrickson Spring at 519-271-4840.
Then there was one — Hendrickson pioneers single-leaf truck spring

The world’s leading supplier of heavy-duty springs, Hendrickson drew on decades of engineering expertise and dedication to quality in developing SSR MONOLEAF™.

SSR MONOLEAF/STEERTEK combination can trim 70 pounds compared to traditional two-leaf springs on a forged I-beam axle.

**Box-shaped axle beam**
resists vertical and longitudinal loads more effectively to reduce vibration and dynamic toe and camber variation for improved tire life.

**Single-leaf configuration**
reduces weight and eliminates interleaf friction to improve ride characteristics.

**Highly processed material**
and sophisticated manufacturing techniques help ensure long service life.

**Spring geometry**
minimizes shackle movement enabling shackle-stop technology to integrate the axle alignment redundancy feature.

**Parabolic design**
delivers optimal balance of spring rate, stress and weight for outstanding ride.

**Two-piece knuckle assembly**
allows removal of knuckle without removing the kingpin and delivers a 50-degree wheel cut.

**Steering and tie rod arms**
integrate for increased strength and reduced weight.

**Clamp group**
(patent pending) — four-sided clamping eliminates the need for retorquing.

**Rubber bushings**
help reduce maintenance and noise.

**Front spring evolution**
(12,000 pound axle-rated capacity)

<table>
<thead>
<tr>
<th>Spring</th>
<th>Weight (lbs.)</th>
<th>Stress (ksi)</th>
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*Spring technology* — Through nine decades, Hendrickson remains the industry leader in spring technology. We pioneered the move from seven-leaf to three-leaf and now from two-leaf to the SSR MONOLEAF.

For additional information, contact Hendrickson Spring at 519-271-4840.

www.hendrickson-intl.com