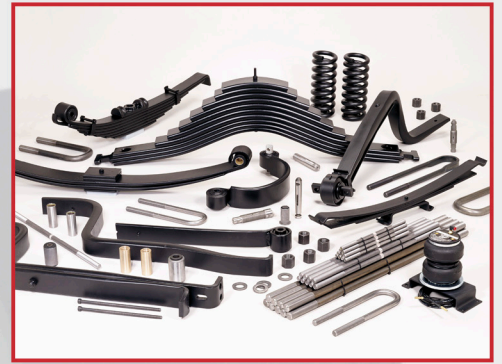


stanley SPRINGS™

Stanley Springs brand Leaf Spring Products
from Dayton Parts, LLC



Leaf Spring Products



Dayton Parts, the leader in leaf springs for the aftermarket, is proud to offer the best high technology leaf springs to the independent aftermarket.

High Technology Leaf Springs

These OEM quality springs give the best overall value available in the aftermarket

- Accurate form and fit • Maximum life • Easiest installation • Minimal call backs • Competitive pricing •

Advanced steel alloys along with proprietary heat treat and peening processes were developed to maximize durability at very high stress levels to set the industry standard for spring performance. In addition these springs and main support members require precise processing to insure a flat center, accurate taper profile and shape to assure proper spring to axle clamping.

With these high technology leaf springs, the details make all the difference to you and your customers. Review the following brochure to see why Dayton Parts offers the best value in these and all of our other leaf spring products.

Why take a chance? Insist on OEM quality high technology springs available from the aftermarket leader, Dayton Parts.

Tractor Front Axle Leaf Spring

High Technology Leaf Springs

Freightliner “Leaf and a Half” (46-1432)

1. A unique taper profile allows 1 ½ leaves to perform the work of earlier design 2 and 3 leaf springs.
2. Specially developed steel alloy, heat treat process and stress peening to maximize durability.



Freightliner “Leaf and a Bit”. This design uses a single load carrying leaf spring with an added safety 1/2 leaf. (46-1476)

1. State of the art design allows a single leaf to perform the work of earlier design 2 and 3 leaf springs.
2. A specially designed wrapper adds an extra measure of safety.



Tractor Front Air Ride

Hendrickson AirTek (50-202)

1. The unique shape and optimized taper profile allows for a full range of motion without the need for a conventional shackle.
2. Specially designed bushing provides flexibility required in an air suspension application.
3. A highly engineered rear spring mount provides the flexibility and location control under all service conditions.
4. Special alloys and processing to maximize durability in a demanding application.



Tractor Rear Air Ride

Navistar "Z" spring (55-067)

1. Precise shape forming ensures proper suspension parts compatibility, ride height and positioning of the air spring.
2. Accurate hole punching with proper counterbore and flat seat area are essential for mounting the air spring and attaching cross members.
3. Correct center thickness reduces breakage and stud shear.
4. Accurately formed flat center along with the correct starting point of the taper profile keep u-bolts tight and ensures positive clamping.

Peterbilt Low Air Leaf (75-163)

1. Precise shape forming ensures proper suspension parts compatibility, ride height and positioning of the air spring.
2. The design requires a correctly formed hook and holes for accurate fit and ease of alignment.
3. Accurately formed flat center along with the correct starting point of the taper profile keep u-bolts tight and ensures positive clamping.

Freightliner Hockey Stick Second design (46-1307)

1. Correct overall shape and angle of the air spring seat are essential for proper alignment.
2. Precise side bend forming ensure accurate air spring location.
3. Includes correct shock mounting bracket to simplify installation.
4. Counterbore on spring mounting holes helps to keep the air spring tight to leaf.
5. Accurate straddle mount bushing rotation ensures easy installation and minimizes stress on the bushing and eye.
6. Accurately formed flat center along with the correct starting point of the taper profile keep u-bolts tight and ensures positive clamping.

Vocational Rear Two (2) Spring Suspensions

Freightliner "TufTrac", second design (46-1297)

1. Thick center sections require special processing and optimized taper profiles to withstand severe service conditions.
2. Includes the center hardware to comply with all the manufacturers' suspension upgrades, simplify installation and ensure proper clamping.
3. Accurate slot and hook forming are required to maintain spring alignment under all service conditions.



Volvo T-ride, first design (96-1219)

1. Thick center sections require special processing and optimized taper profiles to withstand severe service conditions.
2. Precise end hole and slot locations ease installation and allow full range articulation under the most demanding terrain.
3. The flat center forming, center grinding, stud locators and proper taper profile ensure precise and positive clamping to the trunnion.



Volvo T-ride, second design (96-1307)

1. Thick center sections require special processing and optimized taper profiles to withstand severe service conditions.
2. In addition to axle location and proper clamping, the leaf end gaps between #2 and #3 provide optimum load handling and ride quality.
3. The flat center forming, center grinding, stud locators and proper taper profile ensure precise and positive clamping to the trunnion.



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