A line of four red heavy-duty trucks, likely fire trucks or off-road vehicles, is driving along a dirt road in a desert landscape. The trucks are arranged in a single file, moving away from the viewer. The background features rolling hills and mountains under a clear sky. The text "HEAVY-DUTY SERIES" is prominently displayed in the upper right, with "65,000 to 200,000 lbs." below it.

H HEAVY-DUTY SERIES

65,000 to 200,000 lbs.

**A HEAVY-DUTY SUSPENSION AS INDIVIDUAL
AS YOUR HEAVY-DUTY OPERATION.**

HENDRICKSON INDIVIDUALLY ENGINEERS AND BUILDS 65,000 TO 200,000 POUND CAPACITY SUSPENSIONS FOR YOUR SPECIFIC REQUIREMENTS.



Heavy-duty operations are one of a kind. Heavy-duty suspensions should be just as individual.

Bearing this in mind, Hendrickson offers the Heavy-Duty Series of tandem-axle suspensions. Unique and specialized, they employ a variety of custom-engineered and custom-built springing media.

The Hendrickson Heavy-Duty Series includes

the RT Series, which incorporates multi-leaf springs; the RS Series, which utilizes rubber load cushions; and the R Series, which uses a rigid connection between the frame and axles.

They are the ideal suspensions—and just maybe the *only* suspensions—for heavy-duty or special purpose trucks, trailers, crane carriers or any other specialized piece of equipment.

Heavy-duty versions of our legendary beam suspensions.

We've incorporated all the desirable features of Hendrickson beam-type suspensions into the Heavy-Duty Series. Enhanced for the situation. Built tougher to handle heavier loads.

Hendrickson Heavy-Duty suspensions don't abandon their concern for ride performance, cargo safety or fuel and tire economy.

Above all, they live. And perform to maximize your vehicle's performance.

1. The lower a vehicle's center of gravity, the more stable its ride. Hendrickson accomplished this with equalizing beams mounted below the axles.

When you've got such tremendous weight riding on your vehicle, traction is critical. The equalizing beams distribute weight equally between the axles. Regardless of the terrain, tires stay firmly on the ground. Virtually eliminating uneven tire wear.

The equalizing beams help reduce tire spinout, producing better traction. We can design custom-fabricated equalizing beams to axle spacings suited to your particular job.

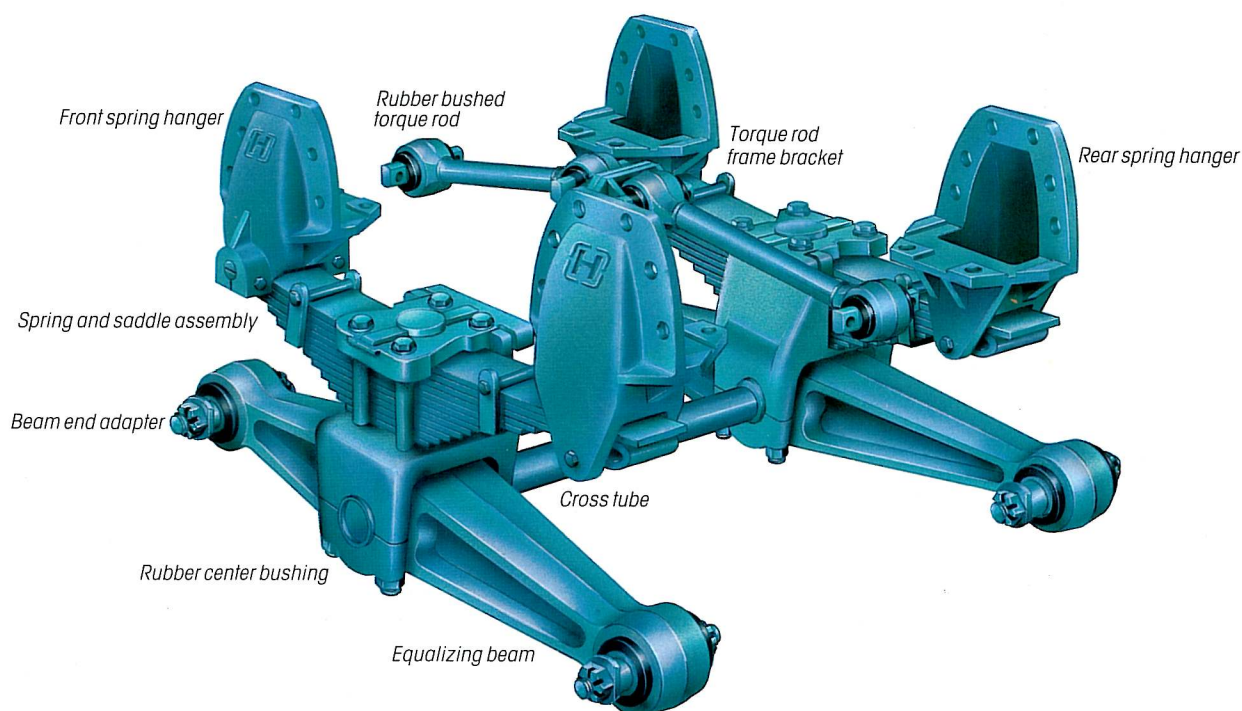
2. Our below axle load design lowers center of gravity. Working with the upper torque rods, this design provides additional stability needed for handling loads of up to one hundred tons.



Traction remains superior on uneven terrain.

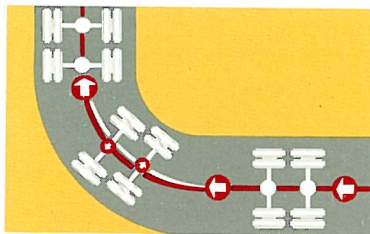
3. To ensure a constant parallel relationship between the axles while cornering, we anchored the equalizing beams with a free-floating cross tube design.

4. To control driving and braking forces that heavy-duty operations can generate, we employ rubber bushed torque rods. Custom-fabricated, they



attach the axles to the main chassis crossmember.

5. Rubber bushings at the center and both ends of the equalizing beams eliminate most lubrication. They've proven their dependability under all road conditions. (Certain severe service operations use bronze bushings and should follow recommended maintenance practices to promote useful life of the suspension.)



During a turn, the elasticity of the rubber bushings allows each axle to independently self-align.

rubber bushings allows each axle to follow its own natural course to reduce tire wear.

Heavy-Duty RT Series. A leaf spring off-highway suspension.

The Heavy-Duty RT Series features Hendrickson's proven leaf spring suspension design to cushion the load and reduce the impact of road shock.

Hendrickson designs and controls the manufacture of the entire suspension to assure structural integrity. The heart of the RT Series is the multi-leaf spring. To ensure consistency and maximize suspension performance, Hendrickson designs and manufactures every spring we use.

We couple the springs to the RT Series saddles and, along with the equalizing beams, attach them to the axles. Spring hangers mount the unit to the frame to round out the design.

The RT-650 suspension has a rated capacity of 65,000 lbs. at the ground.

Heavy-Duty RS Series. A rubber load cushion off-highway suspension.

We use rubber load cushions and vertical drive pins in the Heavy-Duty RS Series to absorb road shock and disperse load forces.

Rubber load cushions provide a surprisingly responsive off-highway ride to support the load. They create an almost maintenance-free suspension. No springs to lubricate.

Nothing to adjust. Virtually nothing to break down.

The RS Series advances durability to a new high. And maintenance a new low.

Rubber load cushion capacities range from 65,000 to 100,000 lbs.

Heavy-Duty R Series. A solid mount suspension for maximum stability.

When you need the ultimate in vehicle stability, the Heavy-Duty R Series is the most stable suspension system available. It simply won't give.

Mounting from the center of the equalizing beams to the frame is accomplished with solid-mount saddles. The only factor affecting stability is tire deflection. Large rubber bushings at all three pivot points in the equalizing beams reduce the effects of road shock.

The Heavy-Duty R Series is maintenance free. Capacities range from 65,000 to 200,000 pounds at the ground.

Use only genuine Hendrickson replacement parts.

Part by part, we engineer every component in a Hendrickson suspension to serve a vital function. Every component relies on other quality, heavy-duty parts to complete the package and get the job done.

So when it comes time to replace a Hendrickson part, replace it with a Hendrickson part.

Insist on parts stamped with the Hendrickson 'H' symbol.

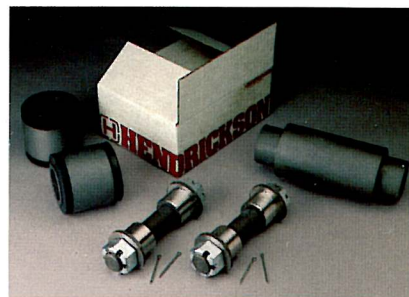
A heavy-duty suspension built specifically for you.

You're moving some extremely heavy loads across some strenuous, nearly impossible terrain. It's comforting to know that your suspension is on your side.

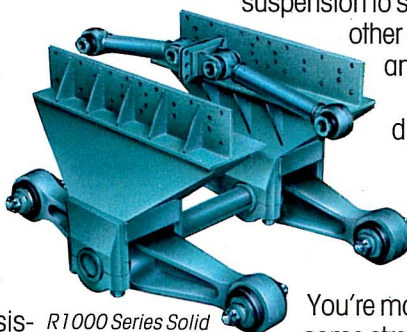
Hendrickson hasn't lost sight of what a heavy-duty suspension is called on to do. Which explains why we are the only suspension maker to build the exact heavy-duty suspension your operation needs. In the exact quantity you need.

Discuss your specific requirements with a Hendrickson representative today. Call (708) 910-2800.

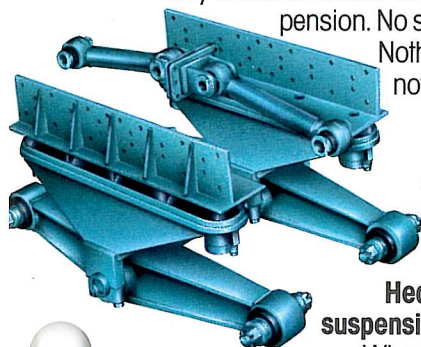
We can develop a heavy-duty suspension individually for your vehicles. No matter what they are. Or where they go.



Insist on genuine Hendrickson replacement parts.



R1000 Series Solid Mount suspension.



RS700 Series Rubber Load Cushion suspension.



HENDRICKSON
Truck Suspension Systems

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