

- Tandem Drive Axle Air
- Trailer Air
- Lifiable Auxiliary
- Mechanical Trailer
(Single/Tandem/Triaxle)

**Dayton
parts™**

SUSPENSION

IN·A·BOX

Solutions for Truck and Trailer Suspension Modernization and Upgrade

Dayton Parts, LLC., teaming with leading suspension manufacturers, offers an expanded line of popular kits for leaf and air spring trailer suspensions, air over walking beam drive axle tandem suspensions for trucks and auxiliary suspensions for truck and trailer. Our Suspension-in-a-Box kits offer a perfect cost effective value solution for serviceable units with tired suspensions needing modernization, upgraded ride & handling characteristics and capacity.

Dayton Parts' Suspension-in-a-Box kit offering includes many in stock standard assemblies allowing for immediate availability within our stock program. Special units may be ordered to specification with delivery direct from the manufacturer.



Product Emphasis Program

SUSPENSION IN·A·BOX

- Available in 14", 15", 16", and 17" mounting heights
- Air and Add-on Lift kits available
- Height controls sold separately

Ridewell RideLite Air Suspension

Suspension Kits with Weld-on Hangers

Dayton Parts Kit Number	Mounting Height	Up Travel	Total Travel
339-050101	14	3	7.5
	15	4	7.5
339-050103	16	4.5	8
	17	5.5	8



Simple Alignment

Alignment is easier than ever with new **SpeedSet™** feature which permits 1" manual adjustment at the hanger with a pivot bolt torque requirement of only 450 ft.lbs.



Non-Captured Axle

A patented contoured weld-on axle seat optimizes axle weldment by decreasing stress concentrations. No U-bolts are required.

RideLite® meets the needs of today's weight-conscious fleets. RideLite's® lightweight design features an economical non-captured axle that allows for axle replacement, if necessary, while the suspension is preserved. The use of Grade 80 high tensile steel combined with a streamlined pivot bolt and alignment system further weight savings and eliminate the need for cross channel or additional wings at the hanger.

RideLite's® installation process has been described as "seamless" by leading trailer manufacturers. The unit fits virtually all air ride designed frame configurations without relocation of cross members. Also contributing to a streamlined installation are self-contained shock absorbers, prelocated height control valve mountings and the Huckbolt-secured® solid rubber, double-bonded pivot bushing.

RideLite® is a registered trademark of Ridewell Corporation



Hutch 9700 Trailer Suspension Series

* Single Axle:

Order 1 Hanger Kit, 1 Axle Kit.

* Tandem Axles:

Order 1 Hanger Kit, 1 Center Kit, 2 Axle Kits.

* Tridem Axles:

Order 1 Hanger Kit, 2 Center Kits, 3 Axle Kits.

- The Hutch 9700 Series remains the leader in a distinguished line of trailer suspension systems. Hutch suspensions incorporate innovative thinking that results in a durable and reliable system that not only extends service life, reduces downtime and protects your cargo, but also provides a smooth and comfortable ride.

- The 9700 Series can be assembled in single, tandem or multi-axle configurations. In addition, ride heights from 6" to 20+" are easily achieved. Ride height is the distance from the center line of the axle to the top of the spring hangers.

- A wide variety of springs offer suspension capacities from 22,400 up to 25,000 lbs/axle.

- Hangers come in a wide variety of styles designed to fit numerous mounting requirements.

Hanger Kits

Application	*Hanger Kit	*Center Kit
Under Mount	339-008101	339-008201
Straddle Mount	339-008102	339-008202
Flange Mount	339-008103	339-008203

Hendrickson AR2 Air Suspension

Maximize Driver Comfort

- The Hendrickson AR2 gives you a better ride empty or loaded, and improved suspension performance by converting your RT/RTE suspension into a highly engineered and lighter weight walking beam air ride.

Maximize Uptime

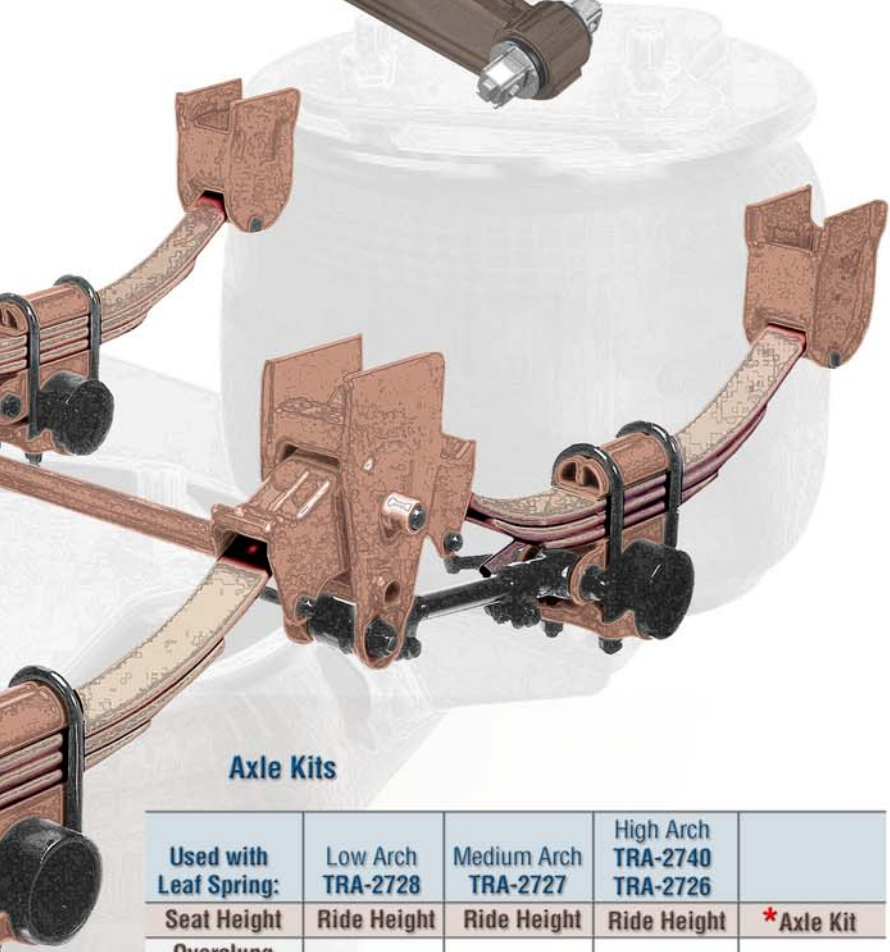
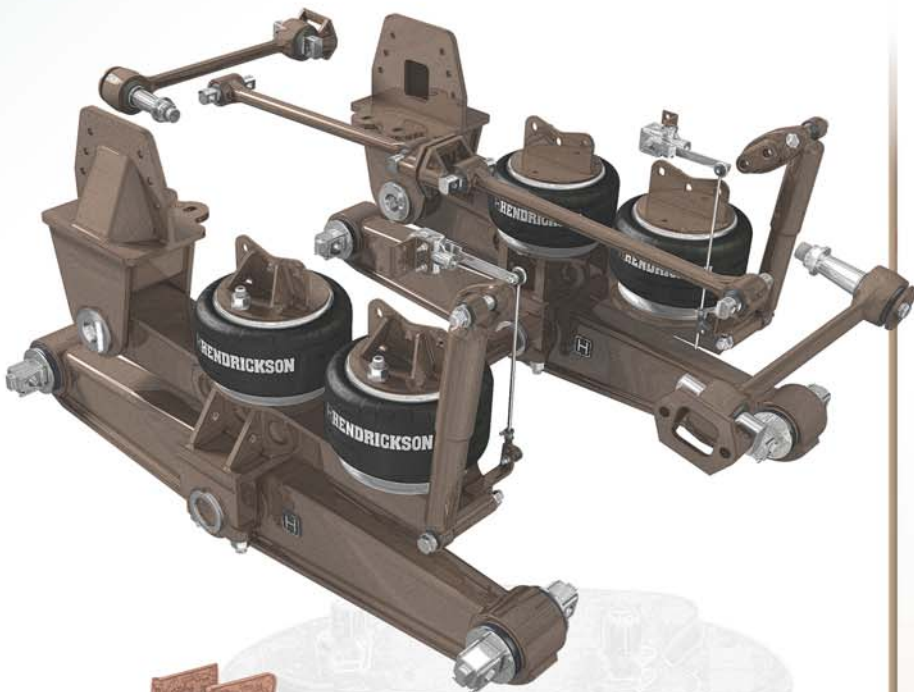
- Improved ride reduces road shock and vibration to the vehicle for longer service life and fewer repairs to the cab, chassis and body equipment.
- Air springs provide long service life and easy replacement.
- Bar pin rubber end bushing extends service life and provides alignment capability. Rubber bushings enhance articulation and help reduce load on mating components.

Maximize Traction

- AR2 provides the versatility for demanding job sites or off road conditions. When loaded, AR2 delivers up to 14 inches of diagonal wheel articulation to keep load on all drive wheels.

AR2 Conversion

- Kit includes two new trailing arm and saddle assemblies, shock absorbers, heavy duty transverse torque rods, height control valves, four air springs, frame hangers, detailed installation instructions and a parts list.
- Undrilled frame hangers are provided to accommodate numerous hole patterns.



Axle Kits

Used with Leaf Spring:	Low Arch TRA-2728	Medium Arch TRA-2727	High Arch TRA-2740 TRA-2726	
Seat Height	Ride Height	Ride Height	Ride Height	* Axle Kit
Overslung				
0.75"	13.75"	14.50"	16.00"	339-008301
1.25"	14.25"	15.00"	16.50"	339-008302
1.75"	14.75"	15.50"	17.00"	339-008303
2.25"	15.25"	16.00"	17.50"	339-008304
2.75"	15.75"	16.50"	18.00"	339-008305
3.25"	16.25"	17.00"	18.50"	339-008306
3.75"	16.75"	17.50"	19.00"	339-008307
Underslung				
0.75"	4.50"	5.50"	7.00"	339-008308
1.25"	—	5.00"	6.50"	339-008309
1.75"	—	4.50"	6.00"	339-008310
2.25"	—	—	5.50"	339-008311

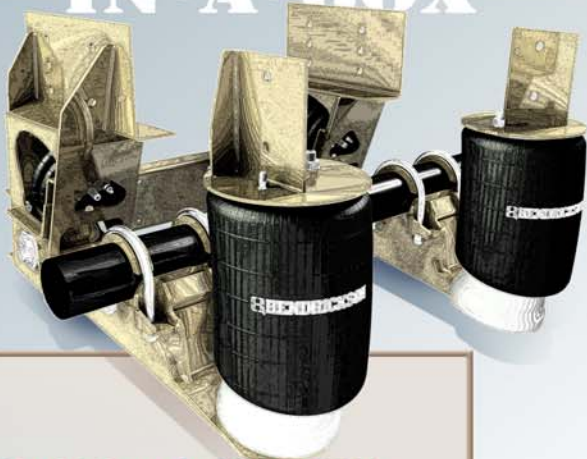
Frame Line Kits	Description
339-57497589	AR2-400/460, 33.94"-34.19" *
339-57497590	AR2-400/460, 34.25"-34.50" *
339-57497591	AR2-400/460, 34.50"-34.81" *
339-57497641	AR2-520, 33.94"-34.19" *
339-57497642	AR2-520, 34.25"-34.50" *
339-57497643	AR2-520, 34.50"-34.81" *
Trailing Arm Kits	Description
339-574995	AR2-400, 9.5" Ride Height **
339-574996	AR2-400, 10.5" Ride Height **
339-574997	AR2-460, 9.5" Ride Height **
339-574998	AR2-460, 10.5" Ride Height **
339-5749910	AR2-520, 9.5" Ride Height **
339-5749911	AR2-520, 10.5" Ride Height **

- * Frame width measured to the outside of frame rails
- ** AR2 ride height measured from bottom of frame to center of axle

Ask about Dayton Parts' line of trailer axles to compliment your suspension and components installation.

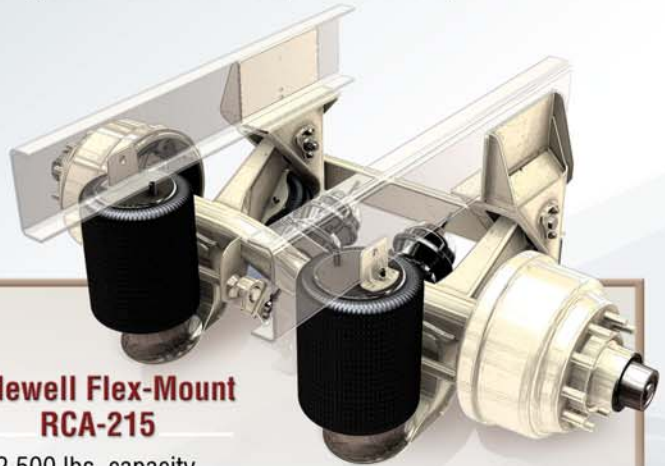


SUSPENSION — IN · A · BOX —



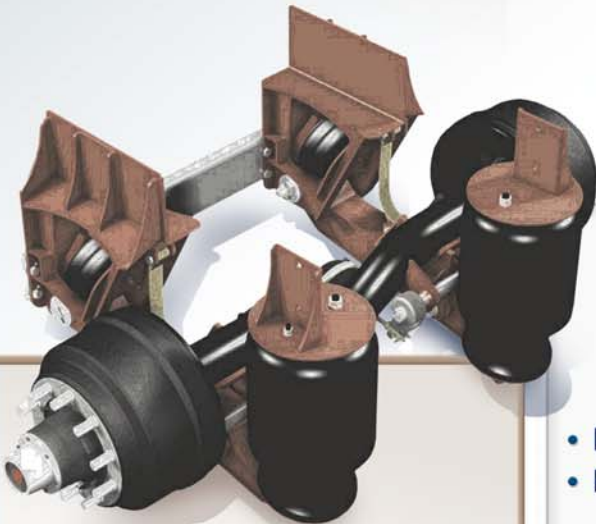
Hendrickson Auxiliary HLM-2

- 16K - 25K Capacities
- Tag or Pusher Mounting
- Truck or Trailer Installations
- 9" to 16" Ride Heights
- 1100 Lbs. Suspension Weight



Ridewell Flex-Mount RCA-215

- 22,500 lbs. capacity
- 10 1/4" total travel, with as much as 7" of lift
- Flexible system easily adjusts to various frame widths and ride heights
- Durable and lightweight fiber reinforced bushings
- Patented, contoured axle seat for secure axle connection without U-bolts
- Designed to accept axle drop of up to 8"
- Wide beam spacing reduces axle stresses
- Shock kit option available



Watson & Chalin AL-2200

- Axle Travel - 10 inches
- Capacity - 25,000 lbs.
(Lightweight 13,200 lbs. available)
- Ride Heights - 8 thru 19 inches
- Maintenance Free Huck Fasteners
- Factory Pre-Assembled
- Positive Axle Stop
- Compact design
- Air Ride - Air Lift
- Two Pin Axle Connection - Rubber Bushed

Specifying Auxiliary Suspensions

The variables affecting specification and installation of liftable auxiliary suspensions are many. Having the following information will simplify matching suspension to application.

- Determine mounting location
- Primary suspension type —
Single or tandem; air ride or mechanical
- Ride height —
Measure from bottom of frame to ground at mounting point, **loaded**
Ride height = frame to ground less loaded tire radius
- Frame width —
As measured to the outside of frame rails
- Axle requirement —
Pusher or tag
Steerable or rigid
Straight or drop center
- Make & model of truck, mounted body type
- Capacity requirement —
Review applicable regional laws governing auxiliary suspension