

Carl Farrow Haulage Limited
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To Whom It May Concern

Carl Farrow Haulage Ltd. has been in business since June 1963. We used spring suspensions in early 1960's and 1970's.

Things changed in mid 1970's, when we purchased Cobra Dumps with Chalmers Suspensions. We preferred the dumping stability of this suspension.

Since then, we have gone through some changes with Chalmers from the wishbone to the torque rod design.

With the new suspension law coming in 2011, Cobra and Chalmers have retro-fit one of our 1994 Cobra trailers to meet S.P.I.F. requirements.

We are very satisfied with the new Chalmers air ride. This allows us to put a 1994 Cobra trailer into service, which will meet the new requirements and we will get our 1500Kg back.

Yours truly,
Carl Farrow Haulage Ltd.
Dave Farrow
Foreman



CHALMERS SUSPENSIONS
INTERNATIONAL INC.

THE CHALMERS 1300 SERIES AIR RIDE SUSPENSION SYSTEM



Lower
Maintenance
Cost, Save 50%

Superior
Smooth Ride

Full
Articulation

Safer
Dumping

Greater
Traction

CHALMERS SUSPENSIONS INTERNATIONAL INC.



6400 Northam Drive, Mississauga, ON. L4V 1J1 Canada
Tel: 905-362-6400 Fax: 905-362-6401
www.chalmerssuspensions.com

ISO/TS 16949

Available for new trailers as well as in retrofit kits that can be installed in a matter of a few days at affordable prices.

The Only Fully Articulating **AIR RIDE** Tandem Suspension On All Four Wheel Locations Available In the Industry. Improving **SAFE** Dumping Like No Other Suspension Can Do.

Jim Brown & Sons Trucking
17 Shannon Court
RR # 7 Orangeville
Ontario, L9W 2Z3
Tel: 519-941-2950 Fax: 519-941-0166

Though I was not able to take part in the prototype program with Haultec Sales and Chalmers Suspensions International Inc., we have been an intricate player in the development of this new air ride suspension. We are very excited with the option such a superior development offers our industry including new trailer application. Clearly no suspension system has ever performed as successfully as a Chalmers for a dump application in performance, safety, and in particular maintenance cost savings. Assuming that trailer products we own are built to endure, this suspension system has to be of paramount consideration when specifying new equipment.

Jim Brown

The Chalmers 1300 Series **AIR RIDE** Suspension System Is Built On The Integrity And Proven Performance Of The Industry Recognized Leader For Decades: The Chalmers Rubber Spring Tandem Suspension.

A Revolutionary Change That Will Improve Dump Trailers For Decades To Come.

Excellent
Stability

Stronger

Larger
Payload
1 Ton Per
Load Minimum

When Safety Matters, Choose The Safest Solution.

The Chalmers 1300 Air Ride Suspension.

The 1300 series is built on the integrity and proven performance of the industry recognized leader, the Chalmers 700 series rubber spring tandem axle trailer suspension. This is due to the many superior qualities and advantages that Chalmers has to offer. These same qualities and advantages have been incorporated into the Chalmers 1300 series suspension:

Articulation

Able to provide extensive articulation on or off road, even when dumping.

Stability

No other trailer suspension has ever performed like a Chalmers. When dumping, you are on the full tandem giving added safety, not just one axle like all other air ride suspensions.

Traction

Equally distributes the weight at each corner of the bogie to within 3% giving superior traction.

Low Maintenance Costs, Save 50% a Year

Industry proven longest intervals between service with minimal down time, and no special tools required.

Larger Payloads

Able to carry maximum payloads without the worry of losing an air bag or having issues on the job site. A blown or failed air bag will not restrict the trailer's functionality.

Proven Reliability

Industry recognized in North America as stronger than the traditional air ride suspensions. Chalmers will stand up to the punishment of off road travel; even if an air bag fails, the rubber springs will carry the load, allowing continued usage of the trailer including dumping.

Improved Ride Quality

Excellent empty ride quality. The air bags and rubber springs greatly improve ride quality resulting in reduced shock to the frame and mounted equipment ensuring extended life, while aiding in the improved driver comfort and better vehicle control.

Fully Equalizing with all other Axles

The tandem fully equalizes with the other axles making the Chalmers air ride suspension compliant under SPIF.

Service Cost Decrease

Saving 50% of your annual service cost against a traditional air ride suspension system.

Payload Increase

Increase your payload by a minimum of 1 ton per load! How many loads do you do in a year?

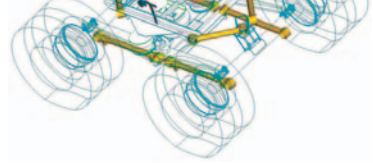
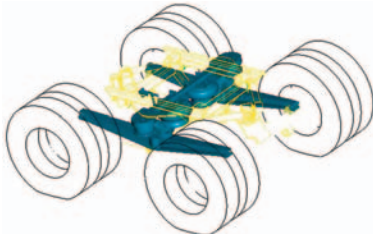
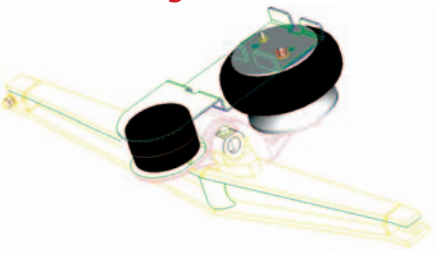
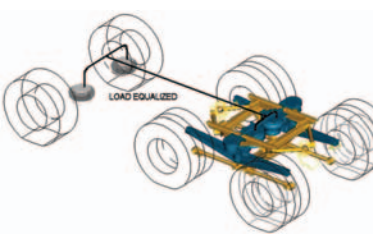

Your Pay Back

- 1 Ton @ \$_____ per load X ___ loads per day = \$_____ increased revenue per day.
- ___ days per wk X increase revenue per day \$_____ = \$_____ increased revenues per wk.
- ___ weeks per yr X \$_____ revenue per wk = \$_____ increased revenue per yr.
- Annual service saving \$_____ + Payload increase for the yr \$_____ less carrying costs \$_____ = \$_____ annual payback.

HERE'S HOW IT WORKS!

The very same way as the Chalmers

700 series rubber spring suspension:

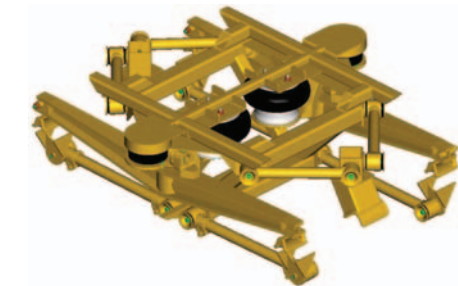
- The four upper and four lower torque rods align the axles and do not carry any weight. 
- The weight is carried down through the springs (rubber and air) to the walking beam and distributed equally to all four corners of the bogie. 
- The rubber spring coupled with the new air bag work together to cushion the ride. 
- The Chalmers air bags are plumbed together with the other trailer axles ensuring full equalization of the load. 
- Dumping on all 4 points can be done confidently with the Chalmers 1300 series AIR RIDE without sacrificing SAFETY. (NOTE Axle Articulation while dumping on uneven ground) 

Chalmers 1300 Series Retrofit Tandem

Chalmers 1300 Series Tandem Suspension



Suspension Kit, 46,000lbs Capacity
 Model K130000 – 72” axle spacing weight 313lbs
 Model K130001 – 63” axle spacing weight 289lbs
 Model K130002 – 54” axle spacing weight 290lbs
 Retrofit kits available for Chalmers 700 series suspensions



System, 46,000lbs Capacity
 Model 1372 - 72” axle spacing weight 1213lbs
 Model 1363 - 63” axle spacing weight 1139lbs
 Model 1354 - 54” axle spacing weight 1045lbs
 Available in low and high mount

