

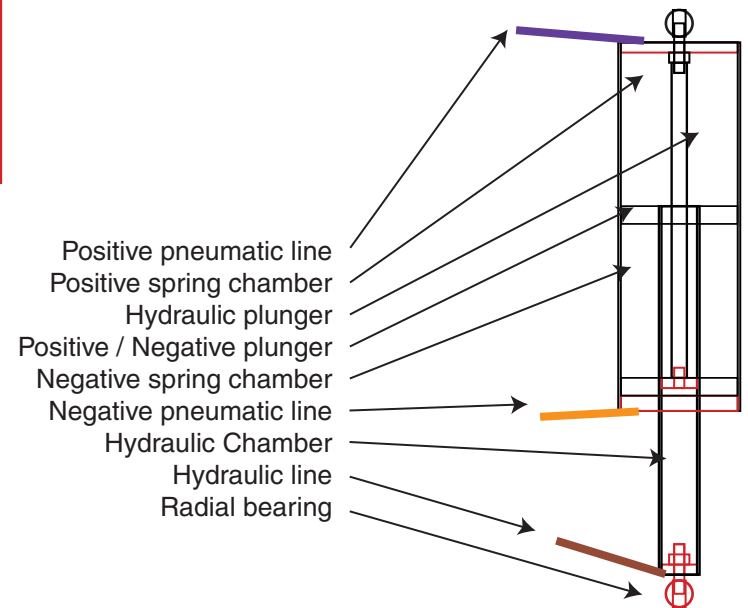
36 inch tires on 16 inch rims with 5 inches backsacing

Almost 40 inches of vertical difference between the bottom outermost edges of the tires at full articulation

Over 19 inches of vertical travel with over 7000 pounds of force available at the axle. Rims are only rated to 3300 each

As the cylinders are compressed air provides a progressive spring rate in both the positive and negative chambers. The hydraulic plunger forces fluid through compression and rebound damping valves and into the remote reservoir canisters. The cylinders are attached top and bottom by radial bearings on steel mounts with 1/2 inch bolts. The cylinders are actuated inside the cab of the vehicle. This system can be used as stand alone springs with an adequate axle locating mechanism or in conjunction with existing suspension componentry.

Patent Pending



- Positive pneumatic line
- Positive spring chamber
- Hydraulic plunger
- Positive / Negative plunger
- Negative spring chamber
- Negative pneumatic line
- Hydraulic Chamber
- Hydraulic line
- Radial bearing