Chassis Suspensions

SWB TANDEM STEER 40K SUSPENSION

- + INCREASE CAPACITY
- + REDUCE MAINTENANCE
- + ON/OFF HIGHWAY VEHICLES
- + RIDE PERFORMANCE

driven to *outperform*°





The Stability You Need

The SWB (Spring Walking Beam) tandem steer suspension provides the added carrying capacity required in today's heavy trucking industry. The suspension dynamically load equalizes through its spring over walking beam design. The combination ensures proper weight distribution and minimizes individual axle overload scenarios.

The SWB Suspension is specifically designed to make use of the reliability of Link's steer axle specific walking beams, while simplifying the connection to the frame. The spring mounts are readily available spring pins which simplifies maintenance and replacement. The straightforward simplicity in the design makes it easy to maintain by operators and fleet mechanics.

Overall, drivers will appreciate the improved ride from the SWB tandem steer. The spring over walking beam design isolates the chassis from road forces which results in less wear and tear on the vehicle and its operator.



ENSURE EVEN LOAD DISTRIBUTION

The walking beam design evenly distributes the load between the steer axles through the entire range of articulation.

LOW MAINTENANCE **BUSHINGS**

Designed with heavy duty bushings at main suspension connections for reduced maintenance, increased durability, and eliminate lubrication requirements.

SPI

REDUCE MAINTENANCE

The SWB has only two grease points (compared to 10 on a conventional 4 spring suspension) therefore reducing maintenance time.

LIGHTWEIGHT **SUSPENSION DESIGN**

SWB weighs approximately 1755 lbs. This translates into a weight reduction of 10%-20% from a typical OEM four-spring suspension applications.



LOCKED IN WHEEL ALIGNMENT

Proprietary end pin design allow five points of adjustment and locks in wheel alignment to extend service life.

HEAVY-DUTY SHOCK ABSORBERS

Select shock absorbers are tuned for the optimal ride characteristics, enhance driver comfort, and are protected for durability.

PECIFICATION	40K TANDEM STEER
WEIGHT (BASE UNIT)	1755 LBS
AXLE SPREADS	60, 72, or 79 INCHES
CAPACITY	40,000 LBS

Configuration: I Beam Steer Axles; Driven and Non-Driven; Articulation +/- 4" at walking beam ends

Specialty Engineered Suspensions