



Mack® Suspensions

Smoothing rough rides
since 1900.



The shape of stability.

Mack is the only truck manufacturer using a parallelogram design to give our vehicles unprecedented stability in all conditions. This unique shape prevents weight from being transferred forward or rearward, which causes axle hopping and excessive tire wear. The result? A truck capable of maximum articulation, unequalled maneuverability and superior performance over treacherous, uneven surfaces. All part of what makes Mack suspensions the best in the industry.

Camelback: setting the vocational standard.

A workhorse suspension built to take on the severest tasks. Ideal for heavier highway and off-road type handling, the time-tested camelback suspension is available from 38,000- to 65,000-lb. ratings. And every inch is made to take maximum abuse. Spring leaf ends are located with rubber or optional heavy-duty shock absorbers set in durable cast steel caps. Spring brackets are set-screwed and then welded onto the fabricated axle housing. Steering is easier and tire wear is reduced thanks to bogies that steer and track with the front axle. Bogies are mounted higher for better ground clearance — helping to reduce damage. For additional stability, anti-sway springs are available for applications requiring extra stability.



Walking beam: the strength for severe duty.

If you routinely haul high-center-of-gravity loads, this is the suspension you want. Available in 38,000- to 65,000-lb. ratings, the walking beam is forged from an I-beam section of steel for unmatched strength and stability. Axle retention is achieved through upper-and-lower rubber or heavy-duty shock insulators with cast steel brackets and cast iron caps. Brake chambers with Mack bogies are mounted high for extra protection.





Mack trunnions: the perfect support.

Mack trunnion brackets are designed to work with the camelback and walking beam suspensions. The channels at the top are nested in the frame rails, and high stress areas are reinforced for long life. This advanced engineering may avoid the need for a heavier — and more costly — inside frame channel required with other suspensions.



Air suspensions: taming the highway.

Glide along the highway with amazing smoothness. Our MaxAir™ suspension features lighter components and fewer parts for greater reliability. Mack AL series and MaxLite™ suspensions are ideal for line-haul applications, whether bulk, van, reefer or flatbed, especially when reduced weight or fragile loads are involved.

Use a vendor suspension. (If you must.)

Mack trucks — both highway and vocational models — can be outfitted to handle most any vendor suspension. All our trucks are engineered to perform well with popular vendor components.

