

MACK® *mRIDE*



# THE MACK® *mRIDE* SPRING SUSPENSION

A next generation spring suspension that eases the workload for both heavy haul and vocational trucks. Driver comfort and productivity was front and center in the design of our weight-saving mechanical suspension, so your drive doesn't need to be as rough as the workload.

*mRIDE*





## ALL ABOUT ARTICULATION.

MACK® mRIDE's articulation ensures all wheels are constantly on the ground while the parabolic springs combine flexibility for a smooth ride.

- The parabolic springs are thickest at the center to ensure greatest strength in the clamp load area
- The ends of the parabolic springs taper to provide light load deflection for ultimate ride comfort
- The rubber spring towers and rubber center bushings are durable and provide reliable long-life performance
- The addition of shock absorbers dampens the reaction of the suspension to make for a smooth ride in both loaded and unloaded conditions

## MACK DRIVE AXLE PERFORMANCE.

- Lighter than competitive axles in many applications
- Parallel pinion angles extend driveline joint life
- Better fuel economy due to less system losses than hypoid gear sets

## IMPROVEMENTS ACROSS THE BOARD.

- Better cost of ownership vs. competitor suspensions
- Allowable clearance to accept 8 5/8" wide foundation brakes
- Designed to accept Air Disc Brakes (available in 2014)

## TOP 5 TAKEAWAYS OF THE mRIDE.

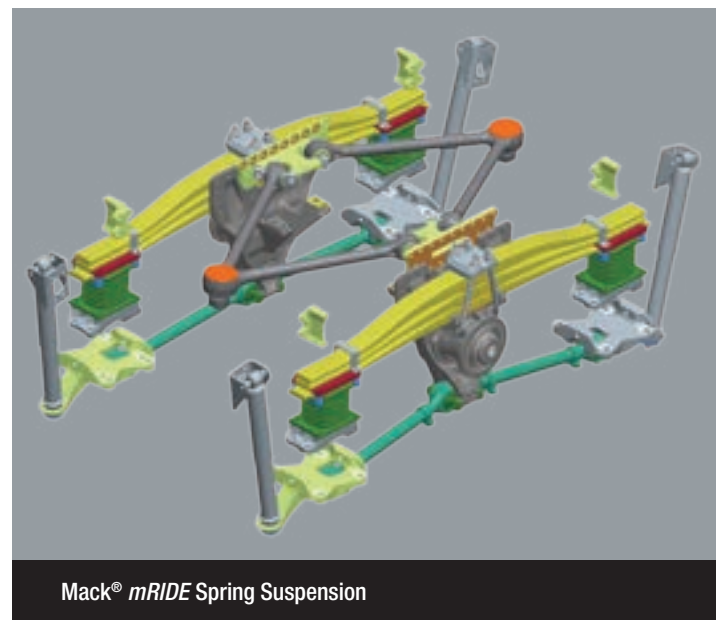
Extreme articulation and constant ground load by all wheels maximizes traction

Available in various ground load ratings and several different spring leaf packs

Improved stability and greater ground clearance over tough terrain thanks to the use of spring leaves over four separate rubber block pads

Fully integrated drivetrain with Mack's MP engine, transmission, axles and suspension

Available on Pinnacle™ Axle Forward, Granite®, Titan by Mack, and TerraPro™ Cabover and Low Entry models



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## mRIDE Capacities

	WEIGHT RATING (LB)	MODELS	# OF LEAF SPRINGS
<b>mRIDE 40</b>	40,000	Pinnacle Axle Forward, Granite, Titan, TerraPro	2, 3 or 5
<b>mRIDE 46</b>	46,000	Pinnacle Axle Forward, Granite, Titan, TerraPro	3
<b>mRIDE 52</b>	52,000	Granite, Titan, TerraPro	3 or 11