

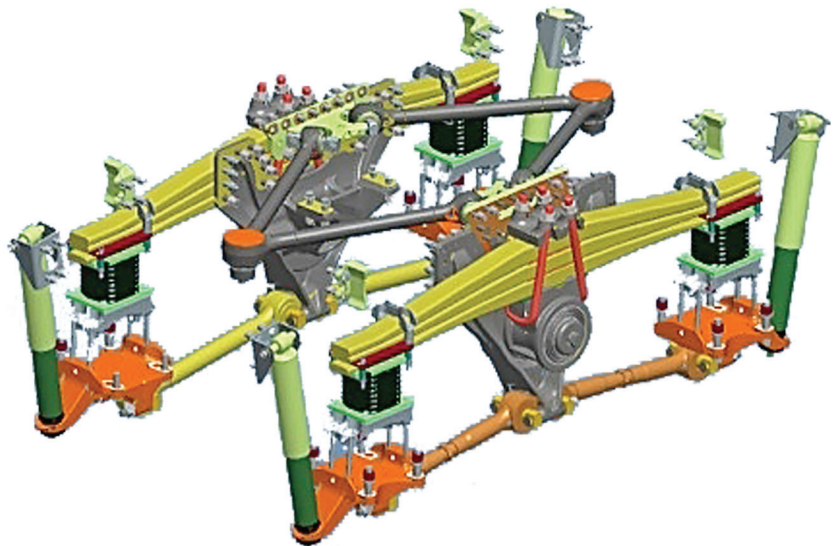


M A C K

mRIDE

Suspension

- The Mack *mRIDE* provides a lighter weight mechanical suspension alternative to the Mack Camelback
- The Mack *mRIDE* provides the extreme articulation and constant tire contact ground traction that is provided by the legendary Mack Camelback
- The integrated design of Mack Axles with the new 150/151 top mounted carriers with driver controlled differential lock and the Mack *mRIDE* suspension provide the durability and performance expected in a Mack truck
- The Mack *mRIDE* is available in various ground load ratings and several differing spring leaf packs allowing the customer to choose the right suspension according to ride stiffness and weight ratings needed for their particular application.
- The use of spring leaves over four separate rubber block packs provides both stability and articulation while allowing the needed clearance for larger tires and brake components required in construction and vocational applications
- The fully integrated drivetrain design of a Mack MP engine, Mack transmission, Mack axles and Mack mRide suspension provides the rock solid foundation that makes a Mack



M A C K

Product Feature Improvements

- Lighter weight than the Mack Camelback Suspension
- Available with new Mack C150 carriers
 - New Mack C150 carriers designed to accept V-rod torque rods
- Available with Mack Cast axles S402R, S462R and S522R
- Integrated Mack axle and Mack suspension combination
- Allowable clearance to accept 8 5/8" wide foundation brakes
- Full clearance of 315/80R22.5 tires
- Spring Leaf over Rubber Block suspension provides superior articulation with stable ride and roll rate
- Rear brake chambers are positioned forward of the rear-rear axle providing clearance for pavers and other rear of truck equipment
- Available on Pinnacle Axle Forward, Granite, Titan and Terrapro models

Product General Specifications

Suspensions	mRide 40, mRide 46, mRide 52
Available Axles	Mack S402R, S462R, S522R Cast Rear Axles
Axle Configurations	Tandem Rear
Axle Spacing	54"
Torque Rods	(2) V-Rods, Top Axle Mounted
Shocks	(4) Highly Recommended – Improved Ride and Durability
ABS	4S4M (6S6M available on Granite Models)
Bushings	Rubber Trunnion Bearing, Rubber Suspension Rod Bushings
Frame Sizes	7mm, 8mm, 9.5mm, 11mm (90mm & 105mm Flange)
Frame Reinforcement	With or Without Inside Channel Frame Reinforcement
Brake Chamber Clearance	Rear Brake Chamber Mounted Forward of Rear Axle



Mack *mRIDE* 46

Product Specifications	
Weight Capacity (lbs.)	46,000
Load Distribution	50 / 50
Spring Type	Parabolic
Width of Spring	2.95 in. (75mm)
Number of Leaves	3 Normal Ride
Leaf Thickness	2 @ 1.61 in. (41mm) 1 @ 2.17 in. (55mm)
PID Code	1861610
Deflection Rate (lbs./in)	21,700
Weight-Conventional Cab and Cab-Over ¹	1441 ¹
Creep Rating (lbs.)	60,000
Spring Height	5.63 in. (143mm)
Rear Shock Absorber	4 Standard
Available Mack Axle	S462R (2681026)
V-Rod Tube (OD x Wall thickness)	1.89 in. (48mm) x 0.20 in. (5mm)
Lower Torque Rod Tube (OD x Wall thickness)	1.89 in. (48mm) x 0.20 in. (5mm) - Left - Adjustable
	1.89 in. (48mm) x 0.20 in. (5mm) - Right - Fixed
Axle Spacing	54 in.
Suspension Jounce (Metal to Metal)	3.94 in. (100mm)
Available Truck Models	CHU, GU7 & GU8, TD, MRU, LEU

1. Includes torque rods, brackets but no crossmembers

Suspension Ride Heights		
	CHU, GU7, GU8 & TD *	MRU & LEU **
# of Leaves	3-Tractor/Truck Normal Ride	3-Truck Normal Ride
Weight Ratings (lbs.)	46,000	46,000
Ride Height Chassis Only ***	11.1"	11.5"
Ride Height Full Load ***	9.9"	10.3"

* CHU, GU7, GU8 & TD Ride Heights based on 11.8 in. (300mm) Frame Height
** MRU & LEU Ride Heights based on 13.37 in. (340mm) Frame Height
*** Centerline of Rear Axle to Bottom of Frame